

CAPACITY AND ENERGY CONTROL PROGRAM

The Company's Capacity and Energy Control Program consists of:

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

A copy of the Company's Emergency Operating Plan was filed with the Kentucky Public Service Commission on March 6, 1995 in Administrative Case No. 353 in compliance with the Commission's Order dated January 20, 1995.

I. EMERGENCY PROCEDURES DURING DECLINING SYSTEM FREQUENCY

A. PURPOSE

To provide a means for minimizing the effects on customer service of a major power system disturbance involving rapid decline in system frequency.

B. GENERAL BASIS OF OPERATION

The power supply facilities of the operating companies of the American Electric Power System (the AEP System) are interconnected with power supply facilities of many other utilities. In the event of a major power system disturbance involving a sudden breakup of the interconnected network and creating in the affected, isolated area (including all or part of the Company's system) a capacity deficiency that results in a rapid decline in system frequency, it is imperative to arrest such decline in frequency as quickly as possible, so as to avoid complete collapse of power supply in the affected area. The procedures outlined below are intended to help accomplish this end in the affected area by quickly restoring the balance between system load and the available generation through automatic shedding of part of the load.

C. PROCEDURES

In the event of a sudden decline in system frequency on all or part of the Company's system, load will be shed automatically - through under-frequency relay action - in accordance with the following AEP System-wide program:

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PURSUANT TO 807 KAR 5.011,  
SECTION 9 (1)

BY: *Jason C. MacL...*

FOR THE PUBLIC SERVICE COMMISSION

DATE EFFECTIVE April 18, 1996

Continued on Sheet No. 3-2

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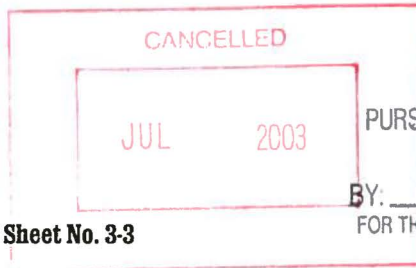
**CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)**

- At 59.8 Hz automatically signal interruptibles to drop load.
- At 59.5 Hz automatically shed 3-1/3% of AEP System internal load, excluding interruptibles, by relay action.
- At 59.4 Hz automatically shed an additional 3-1/3% of AEP System internal load, excluding interruptibles, by relay action.
- At 59.3 Hz automatically shed an additional 3-1/3% of AEP System internal load, excluding interruptibles, by relay action.
- At 59.1 Hz automatically shed an additional 5% of AEP System internal load, excluding interruptibles, by relay action.
- At 59.0 Hz automatically shed an additional 5% of AEP System internal load, excluding interruptibles, by relay action.
- At 58.9 Hz automatically shed an additional 5% of AEP System internal load, excluding interruptibles, by relay action.

Service interruptions described above will take place on distribution circuits throughout the area, selected - to the extent possible - in accordance with appropriate priority classifications, with interruptions to least essential loads occurring first. Every reasonable effort will be made to provide continuous service to essential health and safety customers. Service will be restored automatically in the reverse order - through pre-set relay action - as the frequency returns to normal.

Should automatic load shedding steps described above prove insufficient to arrest the decline in frequency - or should the resynchronizing of the affected, isolated area to the interconnected network so require - manual load shedding of firm customer load will be instituted as necessary and practical.

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PURSUANT TO 807 KAR 5.011,  
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BY: *Jordan C. Neal*  
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CAPACITY AND ENERGY CONTROL PROGRAM Contd.)

II. CAPACITY EMERGENCY CONTROL PROGRAM

APR 18 1996

A. PURPOSE

PURSUANT TO 807 KAR 5011, SECTION 9 (1)

To provide a plan for full utilization of emergency capacity resources and for orderly reduction in the aggregate customer demand on the Company system in the event of a capacity deficiency.

BY [Signature] FOR THE PUBLIC SERVICE COMMISSION

B. GENERAL BASIS OF OPERATION

The Company's generation and transmission facilities are operated as an integral part of the American Electric Power System (the AEP System). The Company's generation facilities are being dispatched on a minute-by-minute basis, in full coordination with the generating facilities of the other AEP System operating companies, from a single System Control Center located in Columbus, Ohio. Therefore, it is essential to the interest of the Company's customers - both from the standpoint of reliability of service and adequacy and economy of power supply - that during periods of capacity deficiencies, the emergency capacity resources of the Company be utilized in full coordination with such resources of the other operating companies of the AEP System.

C. PROCEDURES

In the event of a shortage of generating capacity on the AEP System that cannot be alleviated from sources of generation on neighboring utility systems, the steps indicated in the following Sections 1 through 11 will be taken on an AEP System-wide basis at the appropriate time and in the sequence appropriate under the circumstances. These steps (as well as those indicated in Sections 12 and 13) will be carried out to the extent not prohibited by contractual commitments or by order of the governmental authorities having jurisdiction.

- 1. Curtailment of loads served under interruptible tariffs.
2. Utilization of supplemental oil-firing at those generating plants where this can increase plant output.
3. Utilization of auxiliary boiler firing at those generating plants where such boilers are available and where this can increase plant output.
4. Utilization of emergency hydro resources through operation of hydro generation with wide-open gates, to the extent practicable.
5. Utilization of extra-load capability of generating units through over pressure and/or the removal of feed-water heaters, to the extent practicable.

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**CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)**

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- 6. Curtailment of generating plant use, by limiting operations of non-critical plant activities, such as fuel unloading, shop maintenance, lighting, and air conditioning.
- 7. Curtailment of non-essential building load throughout the AEP System facilities.
- 8. Reduction of voltage to the extent feasible, but not more than 5%.
- 9. Curtailment of special interruptible loads to the extent permissible by contract and practicable under the circumstances.
- 10. Curtailment of short-term power deliveries from AEP System generation to neighboring utilities, except such power deliveries being supplied to systems which are delivering equivalent energy to the AEP System.
- 11. Voluntary load curtailment throughout the Company's system, implemented as follows:
  - (a) Radio and television alert to the general public.
  - (b) Direct contact of customers with an electric demand of 500 kW or higher requesting that they implement their voluntary electric load curtailment plan.
  - (c) Request, through mass communication media, for voluntary curtailment by all other customers of a minimum of 10% of their electric use. These uses will include lighting, air conditioning, heating, manufacturing processes, cooking, refrigeration, clothes washing and drying, and other loads that can be curtailed or deferred to off-peak hours.
  - (d) Direct contact of all wholesale customers, requesting that they reduce voluntarily their electric power receipts from the Company's system by a minimum of 10%. (It is the intent of this Program that the Company's wholesale customers will be treated in a manner consistent with the curtailment procedures applicable to the Company's retail customers. Implementation in the case of wholesale customers will be in accordance with the curtailment provision contained in the service agreement between the parties or the applicable tariff.)
  - (e) Direct contact of all neighboring utility systems receiving limited-term or firm power from the Company's system, requesting that they reduce voluntarily their electric power receipts from the Company's system by a minimum of 10% except in instances where such systems deliver equivalent energy to the AEP System.

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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

If the foregoing steps are insufficient to relieve the capacity emergency, the steps identified in the following Section 12 will be taken on an AEP System-wide basis:

12.. Mandatory load curtailment throughout the Company's system, implemented as follows:

- (a) Interruption of selected distribution circuits during the period(s) of maximum system demand, on a rotational basis in accordance with specified load reduction amounts, while minimizing - to the extent practicable - interruption to facilities which are essential to the public health and safety. The length of an interruption of any selected circuit should not exceed two hours and the total interruption should not exceed four hours in any given 24-hour period without prior notification to the Commission.
- (b) Curtailment of the electric demand of all non-residential customers not affected by Section 12(a) above, who have a monthly energy use in excess of 75,000 kilowatt hours, to levels and at times specified by the Company, such levels to be not less than 90% of the customer's "monthly base period demand." Monthly base period demand is defined as the customer's billing demand during the corresponding monthly billing cycle of the 12 monthly billing periods immediately prior to December 31 of the year immediately preceding the current year, adjusted to reflect any changes in demand in the most recent three-month period due to the installation or removal of equipment or changes in operating rate.

Upon application by the customer and agreement by the Company, a one-time adjustment of the monthly billing demand of the twelve-month billing period ending December 31 of the year immediately preceding the current year, or an adjustment to the average demand of the prior three months (PQKW), will be made to correct any abnormalities of demand resulting from such events as strikes and breakdown of major equipment that may have occurred during the period in question. For customers connected after December 31 of the year preceding the current year by one year, base period demand will be negotiated between the customer and the Company.

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PURSUANT TO 807 KAR 5011,  
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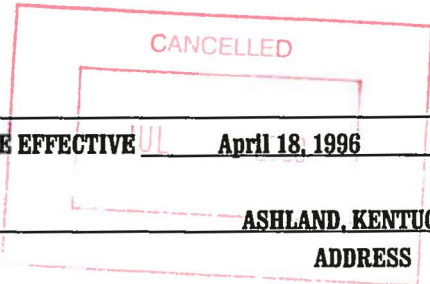
BY: *Justin C. Neal*  
FOR THE PUBLIC SERVICE COMMISSION

Upon prior arrangement and mutual agreement with the Company, customers having more than one delivery point may effect their electric demand reduction on a combined or selected basis within the AEP System.

If the capacity emergency is still unrelieved, the steps identified in the following Section 13 will be taken on an AEP System-wide basis as a measure of last resort to avoid total blackout:

- 13. (a) Increase in the total hours of interruption of selected distribution circuits during the period(s) of maximum system demand, as described in Section 12(a), from four hours to a maximum of eight hours, upon notification to the Commission.

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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

(b) Curtailment of the electric demand of customers covered in Section 12(b) to levels and at times specified by the Company, such levels to be not less than 70% of the customer's "monthly base period demand."

With regard to mandatory curtailments identified in Sections 12(b) and 13(b) above, in cases other than short-term curtailments the Company proposes to monitor compliance after the fact, to the extent feasible, as approved by the Commission. A customer exceeding his electric demand allotment would be warned to comply with prescribed curtailments or face, upon two such warnings, disconnection of electric service during the existing capacity emergency, if still continuing, or the next following capacity emergency requiring mandatory curtailments.

During periods when these procedures are in effect minimum billing demands will be reduced in accordance with Company guidelines.

D. TERMINATION OF CAPACITY EMERGENCY

A capacity emergency program which does not reach the voluntary load curtailment step indicated under Section 11 may be terminated by the Company at any time. A Capacity Emergency Control Program involving voluntary or mandatory load curtailments under Section 11 et seq. shall be terminated on an AEP System-wide basis, upon notice to the Commission, when the capacity emergency has eased sufficiently to permit substantially normal operations by the Company.

III. ENERGY EMERGENCY CONTROL PROGRAM

A. PURPOSE

The purpose of this program is to provide for reducing the consumption of electric energy on the American Electric Power (AEP) System in the event of a severe coal shortage, such as might result from a general strike in the coal mines. Every attempt is made by the AEP Company to maintain in storage at each plant an adequate coal supply to meet normal burn requirements. Where deficiencies in coal supply do occur at a particular plant, steps are taken to increase that plant's coal stock or, if that is not possible, to conserve that plant's coal burn through the practice of fuel conservation, i.e., reducing that plant's total generation of energy to the extent that AEP System generating capacity requirements permit.

Following is an overview of the AEP Energy Emergency Control Program. A complete copy of the Program was filed with the Kentucky Public Service Commission on March 6, 1995 in Adm. Case NO. 353 in compliance with the Commission's Order dated January 20, 1995.

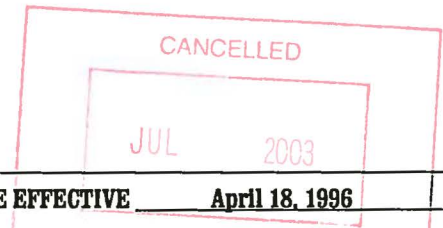
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SECTION 9 (1)

BY: *James C. Neal*  
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**CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)**

**B. APPLICABILITY**

This program is applicable throughout the Company's service area. III.

**C. PRIORITY LEVELS**

For the purpose of this program, the following priority levels have been established:

**1. Priority Level I - Essential Health and Safety Uses**

Essential health and safety uses given special consideration in these procedures shall insofar as the situation permits, include the following types of use and such other uses which the Commission may subsequently identify. (Please note -- no order or priority level is presumed or implied):

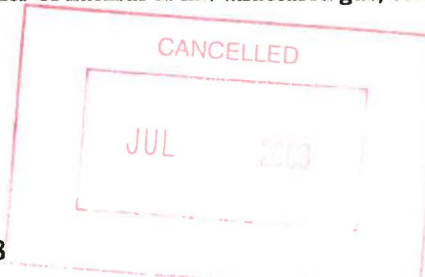
- a. "Hospitals"
- b. "Life Support Equipment"
- c. "Police Stations and Government Detention Institutions"
- d. "Fire Stations"
- e. "Communication Services"
- f. "Water and Sewage Services"
- g. "Transportation and Defense-related Services"
- h. "Other Energy Source Services," which shall be limited to essential uses required for the production, transportation, transmission and distribution-for fuel-of natural or manufactured gas, coal, oil, or gasoline.
- i. Underground mines.

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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

- j. AEP Operation Dispatching Offices and physical communication facilities.
- k. "Perishable Food or Medicine," which shall be limited to refrigeration for the storage and preservation of perishable food or medicine, when that use is substantially all of the customer's load.

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- l. Critical State and Federal Government facilities.

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- 2. Priority Level II - Residential Use
- 3. Priority Level III - Commercial and Industrial Uses
- 4. Priority Level IV - Nonessential Uses

PURSUANT TO 807 KAR 5011,  
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BY: Jonathan C. Fasel

The following and similar types of uses of electric energy and others which the Commission may subsequently identify shall be considered nonessential for all customers.

- a. Outdoor flood and advertising lighting, except for the minimum level to protect life and property, and a single illuminated sign identifying commercial facilities when operating after dark.
- b. General interior lighting levels greater than minimum functional levels.
- c. Show-window and display lighting.
- d. Parking-lot lighting above minimum functional levels.
- e. Energy use greater than that necessary to maintain a temperature of not less than 78 degrees during operation of cooling equipment and not more than 65 degrees during operation of heating equipment.
- f. Elevator and escalator use in excess of the minimum necessary for non-peak hours of use.
- g. Energy use greater than that which is the minimum required for lighting, heating or cooling of commercial and industrial facilities for maintenance cleaning or business-related activities during non-business hours.

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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

It is the intent of this program that the Company's wholesale customers will be treated in a manner consistent with the curtailment procedures applicable to the Company's retail customers. Implementation in the case of wholesale customers will be in accordance with the curtailment provision contained in the service agreement between the parties or the applicable tariff.

**D. CURTAILMENT PROCEDURES**

In the event of a potential severe coal shortage, such as one resulting from a general coal strike, the following steps will be implemented on an AEP System -wide basis. These steps will be carried out to the extent not prohibited by contractual commitments or by order of the regulatory authorities having jurisdiction.

**1. Procedure Step I:**

To be initiated when AEP System fuel supplies are decreased to 50 days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated.

- a. Optimize the use of non-coal fired generation to the extent possible.
- b. For individual plants significantly under 50 days' supply of coal, modify economic dispatching procedures to conserve their coal.
- c. If necessary, discontinue economy sales to neighboring utilities.
- d. Curtail the use of energy in all AEP System Company offices, plants, etc.

**2. Procedure Step II:**

To be initiated when AEP System fuel supplies are decreased to 40 days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:

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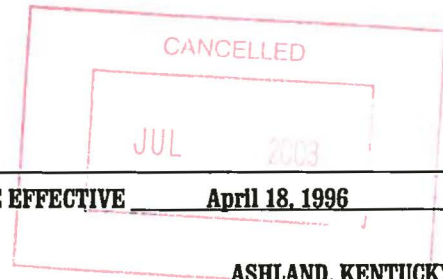
At coal-fired generating plants, substitute the use of oil for coal as permitted by plant design, oil storage facilities and oil availability.

APR 18 1996. The System Control Center (SCC) in Columbus will discontinue all economy and short-term sales to neighboring utilities.

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SECTION 9 (1)

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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

- c. The SCC in Columbus will limit emergency deliveries to neighboring utilities to the following situations:
  - a. Where regular customers of such utilities would otherwise be dropped.
  - b. Where the receiving utility agrees to return like quantities of energy within 14 days.
- d. The SCC in Columbus will curtail electric energy consumption by customers on interruptible contracts to a maximum of 138 hours of use at contract demand per week.
- e. The SCC in Columbus will endeavor to purchase energy from neighboring systems to the extent practicable.
- f. The SCC in Columbus will endeavor to purchase energy from industrial customers with generation facilities to the extent practicable.
- g. A public appeal to the general public through the mass communication media to all customers, both retail and wholesale, to voluntarily reduce their use of electric energy as much as possible, and in any case endeavor to reduce the non-essential usage of electricity by a least 25 percent.
- h. Implement the Voltage Reduction Program continuously, until the energy emergency is eased, to the extent feasible.

Wholesale customers will be notified by the Marketing and Customer Services personnel.

- 1. The Company shall advise all customers of the nature of the mandatory program to be introduced in Procedure III below through the mass communication media and through direct contact of customers.

3. Procedure Step III:

To be initiated - in the order indicated below - when AEP System fuel supplies are decreased to 30 days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:

- a. The SCC in Columbus will discontinue emergency deliveries to neighboring utilities unless the receiving utility agrees to return like quantities of energy within seven days.
- b. The implementation of the mandatory curtailment of electric service for all customers, excluding essential health and safety uses, is indicated below.

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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

- i. Curtailment of nonessential uses as defined in Priority Level IV by 100 percent.
- ii. The curtailment of all commercial and industrial customers of electric energy use to levels not greater than 75 percent of the customers' "monthly base period use."
- iii. The curtailment of all residential customers' electric energy use by a minimum of 15 percent which includes curtailment of loads other than nonessential loads; i.e., heating, air-conditioning, hot water use, cooling, etc. The customers will be informed through announcements via the mass communication media and through direct contact.

C. The Company shall advise all customers of the mandatory program specified in Procedure IV below.

This procedure will be accomplished through the mass communication media and through direct contact of customers.

4. Procedure Step IV:

To be initiated when AEP System fuel supplies are decreased to 20 days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated:

- a. The implementation of the mandatory curtailment of electric service to all customers, including Priority Level I, to a minimum service level which is not greater than that required for protection of human life and safety, protection of physical plant facilities and employee's security. This step expands Procedure Step III-2 to include the essential health and safety uses and asks for curtailment of the maximum load possible without endangering life, safety and physical facilities. Implementation will be through public announcements and direct contact of customers.
- b. The Company shall advise all customers of the mandatory program specified in Procedure V below through the mass communication media and through direct contact of customers.

Procedure Step V:

To be initiated as a measure of last resort when AEP System fuel supplies are decreased to 15 days' operation of coal-fired generation and a continued downward trend in coal stocks is anticipated.

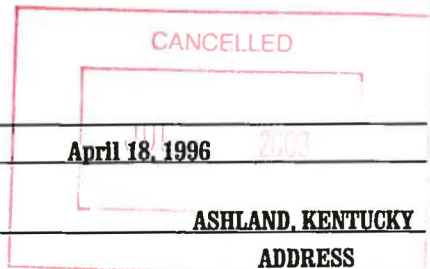
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CAPACITY AND ENERGY CONTROL PROGRAM (Contd.)

- a. The implementation of the Manual Load Curtailment Plan which involves the interruption of selected distribution circuits on a rotational basis.
  - b. With regard to mandatory curtailments identified in Procedure Steps III, IV and V, the Company proposes to monitor compliance after the fact, to the extent feasible, as approved by the Commission. A customer exceeding his electric energy allotment would be warned to curtail his usage or face, upon continuing noncompliance and upon one day's written notice, disconnection of electric service for the duration of the energy emergency.
6. Procedure Step VI:

**TERMINATION OF ENERGY EMERGENCY**

The Energy Emergency Control Program shall be terminated on an AEP System-wide basis, upon notice to the Commission, when (a) the AEP System's retaining days of operation of coal-fired generation is at least 20 days, (b) coal deliveries have been resumed, and (c) there is reasonable assurance that the AEP System's coal stocks are being restored to adequate levels.

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FUEL ADJUSTMENT CLAUSE (Cont'd)

7. At the time the fuel clause is initially filed, the utility shall submit copies of each fossil fuel purchase contract not otherwise on file with the Commission and all other agreements, options or similar such documents, and all amendments and modifications thereof related to the procurement of fuel supply and purchased power. Incorporation by reference is permissible. Any changes in the documents, including price escalations, or any new agreements entered into after the initial submission, shall be submitted at the time they are entered into. Where fuel is purchased from utility-owned or controlled sources, or the contract contains a price escalation clause, those facts shall be noted and the utility shall explain and justify them in writing. Fuel charges which are unreasonable shall be disallowed and may result in the suspension of the fuel adjustment clause. The Commission on its own motion may investigate any aspect of fuel purchasing activities covered by this regulation.

8. Any tariff filing which contains a fuel clause shall conform that clause with this regulation within three (3) months of the effective date of this regulation. The tariff filing shall contain a description of the fuel clause with detailed cost support.

9. The monthly fuel adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments which shall include data and information as may be required by the Commission.

10. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS61.870 to 61.884.

11. At six (6) month intervals, the Commission will conduct public hearings on a utility's past fuel adjustments. The Commission will order a utility to charge off and amortize, by means of a temporary decrease of rates, any adjustment it finds unjustified due to improper calculation or application of the 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 June 1994 to be used as the base cost in Standard Fuel Adjustment Clause is:

$$\frac{\text{Fuel (June)} = \$ 5,464,799}{\text{Sales (June)} \quad 477,410,000} = \$0.01145/\text{KWH}$$

This, as used in the Fuel Adjustment Clause, is 1.145 cents per kilowatt-hour.

Pursuant to the Public Service Commission Order dated April 5, 1995 in Case No. 94-460, the fuel adjustment charge rate for May and June 1995 usage to be billed in July and August 1995 shall be calculated using the base fuel cost of 1.292¢/KWH and 1.219¢/KWH, respectively. Thereafter the fuel adjustment base cost shall be 1.145¢/KWH.



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MAR 31 1996

PURSUANT TO 807 KAR 5011,  
SECTION 9(1)

BY: Jordan C. Fiebel  
FOR THE PUBLIC SERVICE COMMISSION

DATE OF ISSUE January 30, 1996 DATE EFFECTIVE Bills rendered on and after July 1, 1995  
ISSUED BY E. K. WAGNER DIRECTOR OF RATES ASHLAND, KENTUCKY  
NAME TITLE ADDRESS  
Issued by authority of an Order of the Public Service Commission in Case No. 94-460 dated April 5, 1995

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

Service Charge.....\$ 4.25 per month  
Energy Charge:  
First 500 KWH per month ..... 4.992¢ per KWH  
All Over 500 KWH per month..... 4.260¢ per KWH

**MINIMUM CHARGE.**

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

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rate set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of the Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

**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.

**STORAGE WATER HEATING PROVISION.**

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

(Cont'd. On Sheet 6-2)

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE  
JUN 14 1999  
PURSUANT TO 807 KAR 5:011,  
SECTION 9 (1)  
BY: Stephan O Bell  
SECRETARY OF THE COMMISSION

CANCELLED  
MAY 2003

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

(STORAGE WATER HEATING PROVISION. (Cont'd)

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

Tariff Code

- 012 (a) For Minimum Capacity of 80 gallons, the last 300 KWH of use in any month shall be billed at 1.890¢ per KWH.
- 013 (b) For Minimum Capacity of 100 gallons, the last 400 KWH of use in any month shall be billed at 1.890¢ per KWH.
- 014 (c) For Minimum Capacity of 120 gallons or greater, the last 500 KWH of use in any month shall be billed at 1.890¢ per KWH.

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

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

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

This provision is subject to the Service Charge, the Fuel Adjustment Clause, the System Sales Clause, the Demand-Side Management Clause, the Environmental Surcharge, and the Net Merger Savings Credit factor as stated in the above monthly rate.

LOAD MANAGEMENT WATER-HEATING PROVISION (Tariff Code 011)

For residential customers who install a Company-approved load management water-heating system which consumes electrical energy primarily during off-peak hours specified by the Company and stores hot water for use during on-peak hours, of minimum capacity of 80 gallons, the last 250 Kwh of use in any month shall be billed at 1.890¢ per Kwh.

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

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

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

SPECIAL TERMS AND CONDITIONS.

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

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

(Cont'd. On Sheet 6-2a)

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE  
MAY 2000  
JUN 14 1999  
PURSUANT TO 807 KAR 5:011,  
SECTION 9 (1)  
BY: [Signature]  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

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

**AVAILABILITY OF SERVICE.**

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

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

**RATE.** (Tariff Codes 028, 029, 030, 031, 032, 033, 034, 035)

Service Charge.....\$ 6.75 per month  
Energy Charge:  
All KWH used during on-peak billing period..... 7.324¢ per KWH  
All KWH used during off-peak billing period.....1.890¢ per KWH

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

**CONSERVATION AND LOAD MANAGEMENT CREDIT.**

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

**MINIMUM CHARGE.**

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

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rate set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY

JUN 14 1999

CANCELLED  
MAY 2005

PURSUANT TO 807 KAR 5:011,  
BY: Stephen Bell  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999



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

**AVAILABILITY OF SERVICE.**

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

**RATE.** (Tariff Codes 036 and 037)

Service Charge.....\$ 6.75 per month  
Energy Charge:  
All KWH used during on-peak billing period..... 7.324¢ per KWH  
All KWH used during off-peak billing period..... 1.890¢ per KWH

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

**MINIMUM CHARGE.**

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

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

**DELAYED PAYMENT CHARGE.**

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

**SPECIAL TERMS AND CONDITIONS.**

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

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

CANCELLED  
MAY 2003

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 14 1999

PURSUANT TO 807 KAR 5.011,  
SECTION 9 (1)

By: Shawn Du  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

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

**AVAILABILITY OF SERVICE.**

Available for general service to customers with normal maximum demands less than 5 KW (excluding the demand served by the Load Management Time-of-Day provisions).

**RATE.** (Tariff Code 211, 212)

Service Charge.....\$ 9.85 per month  
Energy Charge:  
First 500 KWH per month..... \$ 6.252¢ per KWH  
All Over 500 KWH per month..... \$ 3.608¢ per KWH

**MINIMUM CHARGE.**

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

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rate set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

**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.

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

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

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

CANCELLED  
MAY 2003  
PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE  
JUN 14 1999

(Cont'd. On Sheet 7-2)

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

BY: *Stephan Bue*

SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997  
ISSUED BY *E. K. Wagner* DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

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

**RATE.** (Tariff Code 225, 226)

Service Charge.....\$15.10 per month  
Energy Charge:  
All KWH used during on-peak billing period..... \$ 9.027¢ per KWH  
All KWH used during off-peak billing period ..... \$ 1.999¢ per Kwh

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

**TERM OF CONTRACT.**

The Company shall have the right to require contracts for periods of one year or longer.

**OPTIONAL UNMETERED SERVICE PROVISION.**

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

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

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

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

**RATE.** (Tariff Code 204 (Mtrd), 213 (Umr))

Customer Charge.....\$ 7.00 per month  
Energy Charge:  
First 500 KWH per month..... \$ 6.252¢ per KWH  
All Over 500 KWH per month..... \$ 3.608¢ per KWH

**SPECIAL TERMS AND CONDITIONS.**

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

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

CANCELLED  
MAY 2003

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 14 1999

PURSUANT TO 807 KAR 5.011,  
SECTION 9(1)

BY: *Stephan Bue*

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 1, 1997  
ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS  
Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

TARIFF M.G.S.  
(Medium General Service)

AVAILABILITY OF SERVICE.

Available for general service to customers with normal maximum demands greater than 5 KW but not more than 100 KW (excluding the demand served by the Load Management Time-of-Day provision).

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

RATE.

	Service Voltage		
	Secondary	Primary	Subtransmission
Tariff Code	215, 216, 218	217, 220	236
Service Charge per Month	\$ 10.80	\$16.20	\$119.00
Demand Charge per KW	\$ 1.16	\$ 1.16	\$ 1.16
Energy Charge:			
KWH equal to 200 times KW of monthly billing demand	5.230¢	4.673¢	4.197¢
KWH in excess of 200 times KW of monthly billing demand	4.262¢	4.015¢	3.845¢

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

SEP 29 1997

PURSUANT TO 807 KAR 5.011,  
SECTION 9 (1)

*Stephan D. Bell*  
SECRETARY OF THE COMMISSION

RECREATIONAL LIGHTING SERVICE PROVISION.

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

RATE. (Tariff Code 214)

Service Charge .....\$10.80 per month  
Energy Charge ..... 5.248¢ per KWH

MINIMUM CHARGE.

This tariff is subject to a minimum charge equal to the sum of the service charge plus the demand charge multiplied by 5 KW for the demand portion (5 KW and above) of the rate.

Industrial and coal mining customers contracting for 3-phase service after October 1, 1959 shall contract for capacity sufficient to meet their normal maximum demands in KW, but not less than 10 KW. Monthly billing demand of these customers shall not be less than 60% of contract capacity and the minimum monthly charge shall be \$4.82 per KW of monthly billing demand, subject to adjustment as determined under the fuel adjustment clause, system sales clause, demand-side management clause, the environmental surcharge plus the service charge.

FUEL ADJUSTMENT CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

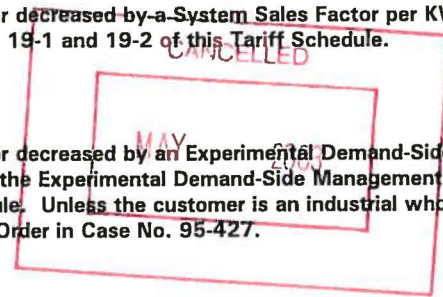
SYSTEM SALES CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per Kwh calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

(Cont'd. On Sheet No. 8-2)



DATE OF ISSUE August 22, 1997 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY *E. K. Wagner* DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 97-215 dated September 22, 1997

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

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

**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.

**METERED VOLTAGE.**

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

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

**MONTHLY BILLING DEMAND.**

Energy supplied hereunder will be delivered through not more than one single phase and/or polyphase meter. Customer's demand will be taken monthly to be the highest registration of a 15-minute integrating demand meter or indicator, or the highest registration of a thermal type demand meter. The minimum billing demand shall be 5 KW.

**LOAD MANAGEMENT TIME-OF-DAY PROVISION.** (Tariff Codes 223, 224)

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

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

**RATE.**

Service Charge .....	\$ 3.00 per month
Energy Charge:	
All KWH used during on-peak billing period .....	8.100¢ per KWH
All KWH used during off-peak billing period .....	2.553¢ per KWH

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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 14 1999

PURSUANT TO 807 KAR 5.011  
SECTION 9 (1)

CANCELLED

BY *Stacy O. Bell*  
SECRETARY

MAY 2003

(Cont'd. On Sheet 8-3)

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY *E. K. Wagner* DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY

NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

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

**AVAILABILITY OF SERVICE.**

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

**RATE.** (Tariff Code 229, 230)

Service Charge ..... \$ 11.60 per month  
Energy Charge:  
All KWH used during on-peak billing period ..... 8.100¢ per KWH  
All KWH used during off-peak billing period ..... 2.553¢ per KWH

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

**MINIMUM CHARGE.**

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

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

**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.

**SPECIAL TERMS AND CONDITIONS.**

This tariff is subject to the Company's Terms and Conditions of Service.  
(Cont'd on Sheet No. 8-5)

CANCELLED PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE  
MAY 2003  
JUN 14 1999  
PURSUANT TO 807 KAR 5:011  
SECTION 9 (1)

BY: Stephan Bue  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY E. K. WAGNER NAME ASHLAND, KENTUCKY ADDRESS  
TITLE

Issued by authority of an Order of the Public Service Commission in Case No.99-149 dated June 14, 1999

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

**AVAILABILITY OF SERVICE.**

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

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

**RATE.**

	Service Voltage		
	Secondary	Primary	Subtransmission
Tariff Code	240, 242	244, 246	248
Service Charge per Month	\$ 85.00	\$127.50	\$535.50
Demand Charge per KVA	\$ 2.97	\$ 2.97	\$ 2.97
Energy Charge per KWH	3.572¢	2.913¢	2.384¢

**MINIMUM CHARGE.**

Bills computed under the above rate are subject to a monthly minimum charge of the sum of the service charge, the minimum demand charge (product of the demand charge and the monthly billing demand).

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

**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 1% of the unpaid balance will be made.

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

CANCELED

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 14 1999

PURSUANT TO 207 KAR 50-11, SECTION 9 (1)

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE July 2, 1999 Bills rendered on and after May 22, 1999

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY

BY Stephan O. Bell SECRETARY OF THE COMMISSION

NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

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

METERED VOLTAGE.

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

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

MONTHLY BILLING DEMAND.

Billing demand in 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 60% of the contract capacity.

ADJUSTMENT MODIFYING RATE.

Power Factor

The rate set forth in this tariff is subject to power factor based upon the maintenance by the customer of an average monthly power factor of 85% leading or lagging as measured by integrating meters. When the average monthly power factor is above or below 85%, leading or lagging, the kilowatt-hours as metered will be multiplied for billing purposes by the constant, rounded to the nearest 0.0001, derived from the following formula:

$$\text{Constant} = 0.9510 + \left[ 0.1275 \left[ \frac{\text{RKVAH}}{\text{KWH}} \right]^2 \right]$$

LOAD MANAGEMENT TIME-OF-DAY PROVISION.

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

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

RATE. (Tariff Code 251)

Service Charge .....	\$81.80	per month
Energy Charge:		
All KWH used during on-peak billing period .....	6.720¢	per KWH
All KWH used during off-peak billing period .....	1.908¢	per KWH

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

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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY

MAY 2003

JUN 14 1999

PURSUANT TO 807 KAR 5.011,  
SECTION 9 (1)

BY: Stephan Bee  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after September 29, 1997

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY

NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999



**TARIFF Q.P.**  
**(Quantity Power)**

**AVAILABILITY OF SERVICE.**

Available for commercial and industrial customers with demands less than 7,500 KW. 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 contract capacity be less than 1,000 KW.

**RATE.**

	Service Voltage		
	Primary	Subtransmission	Transmission
Tariff Code	358	359	360
Service Charge per Month	\$ 276.00	\$ 662.00	\$ 1,353.00
Demand Charge per KW			
Of monthly on-peak billing demand	\$ 9.29	\$ 8.51	\$ 7.88
Of monthly off-peak excess			
Billing demand	\$ 0.90	\$ 0.86	\$ 0.85
Energy Charge per KWH	1.220¢	1.171¢	1.155¢

Reactive Demand Charge for each kilovar of maximum Leading or Lagging reactive Demand in Excess of 50 percent of the KW of monthly metered demand .....\$ 0.57 KVAR

**MINIMUM CHARGE.**

This tariff is subject to a minimum charge equal to the Service Charge plus the Demand Charge multiplied by the billing demand.

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT.**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
MAY 2003  
JUN 14 1999  
PUBSUNT TO 99-149  
SECTION 9 (1)  
BY: *Stephan Bee*  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after May 27, 1997  
 ISSUED BY *E. K. Wagner* E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
 NAME TITLE ADDRESS  
 Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

**TARIFF C.I.P. - T.O.D.**  
**(Commercial and Industrial Power - Time-of-Day)**

**AVAILABILITY OF SERVICE.**

Available for commercial and industrial customers with normal maximum demands of 7,500 KW and above. 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 7,500 KW.

**RATE.**

	<u>Service Voltage</u>		
	<u>Primary</u>	<u>Subtransmission</u>	<u>Transmission</u>
Tariff Code	370	371	372
Service Charge per Month	\$ 276.00	\$ 662.00	\$ 1,353.00
Demand Charge per KW			
On-peak	\$ 8.60	\$ 7.89	\$ 7.34
Off-peak	\$ 2.02	\$ 1.23	\$ 1.05
Energy Charge per Kwh	1.220¢	1.171¢	1.155¢

Reactive Demand Charge for each kilovar of maximum Leading or Lagging Reactive Demand in Excess of 50 percent of the KW of monthly metered demand .....\$ 0.60 KVAR

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

**MINIMUM DEMAND CHARGE.**

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

<u>Primary</u>	<u>Subtransmission</u>	<u>Transmission</u>
\$9.89/KW	\$ 8.99/KW	\$ 8.32/KW

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

**MINIMUM CHARGE.**

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

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

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

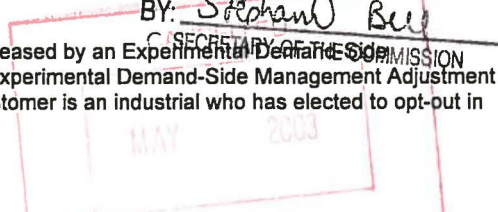
PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 14 1999

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

BY: *Stephan Bee*

SECRETARY OF THE COMMISSION



DATE OF ISSUE July 2, 1999 DATE EFFECTIVE                      Bills rendered on and after September 29, 1997

ISSUED BY *E. K. Wagner* DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No.99-149 dated June 14, 1999

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

**AVAILABILITY OF SERVICE.**

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

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

**RATE.** (Tariff Code 540)

Service Charge ..... \$22.90 per month  
Energy Charge:  
All KWH Used Per Month ..... 4.152¢ per KWH

**MINIMUM CHARGE.**

This tariff is subject to a minimum monthly charge equal to the sum of the service charge plus \$3.05 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.

**FUEL ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule.

**SYSTEM SALES CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by a System Sales Factor per KWH calculated in compliance with the System Sales Clause contained in Sheet Nos. 19-1 and 19-2 of this Tariff Schedule.

**EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Experimental Demand-Side Management Adjustment Clause Factor per KWH calculated in compliance with the Experimental Demand-Side Management Adjustment Clause contained in Sheet Nos. 22-1 and 22-2 of this Tariff Schedule. Unless the customer is an industrial who has elected to opt-out in accordance with the terms pursuant to the Commission's Order in Case No. 95-427.

**ENVIRONMENTAL SURCHARGE.**

Bills computed according to the rates set forth herein will be increased or decreased by an Environmental Surcharge Adjustment based on a percent of revenue in compliance with the Environmental Surcharge contained in Sheet Nos. 23-1 and 23-2 of this Tariff Schedule.

**NET MERGER SAVINGS CREDIT**

Bills computed according to the rates set forth herein will be decreased by a Net Merger Savings Credit Factor per KWH calculated in compliance with the Net Merger Savings Credit contained in Sheet No. 25-1 of this Tariff Schedule.

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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE  
MAY 2003  
JUN 14 1999  
PURSUANT TO 807 KAR 5011,  
SECTION 9 (1)  
BY: Stephan D. Bell  
SECRETARY OF THE COMMISSION

DATE OF ISSUE July 2, 1999 DATE EFFECTIVE Bills rendered on and after May 27, 1997  
ISSUED BY E. K. Wagner DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS  
Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

TARIFF O.L.  
(Outdoor Lighting)

AVAILABILITY OF SERVICE.

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

RATE.

A. OVERHEAD LIGHTING SERVICE

Tariff Code			
1.	High Pressure Sodium		
094	100 watts ( 9,500 Lumens) . . . . .	\$	5.02 per lamp
113	150 watts ( 16,000 Lumens) . . . . .	\$	5.89 per lamp
097	200 watts ( 22,000 Lumens) . . . . .	\$	7.46 per lamp
098	400 watts ( 50,000 Lumens) . . . . .	\$	11.91 per lamp
2.	Mercury Vapor*		
093	175 watts ( 7,000 Lumens) . . . . .	\$	5.00 per lamp
095	400 watts ( 20,000 Lumens) . . . . .	\$	8.15 per lamp

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

B. POST-TOP LIGHTING SERVICE

Tariff Code			
1.	High Pressure Sodium		
111	100 watts (9,500 Lumens) . . . . .	\$	8.79 per lamp
122	150 Watts (16,000 Lumens) . . . . .	\$	14.40 per lamp
2.	Mercury Vapor*		
099	175 watts (7,000 Lumens) . . . . .	\$	5.88 per lamp

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

C. FLOODLIGHTING SERVICE

Tariff Code			
1.	High Pressure Sodium		
107	200 watts (22,000 Lumens ) . . . . .	\$	8.74 per lamp
109	400 watts (50,000 Lumens ) . . . . .	\$	11.77 per lamp
2.	Metal Halide		
110	250 watts (20,500 Lumens) . . . . .	\$	13.86 per lamp
116	400 watts (36,000 Lumens) . . . . .	\$	18.01 per lamp
131	1000 watts (110,000 Lumens) . . . . .	\$	38.45 per lamp

Company will provide lamp, photo-electric relay control equipment, luminaires, mounting bracket, and mount same on an existing pole carrying secondary circuits.

\*These lamps are not available for new installations.

(Cont'd. on Sheet No. 14-2)

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

JUN 09 1999

PURSUANT TO 807 KAR 5.011,  
SECTION 9 (1)  
BY: *Stephan Bell*  
SECRETARY OF THE COMMISSION

CANCELLED  
MAY 2003

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DATE OF ISSUE May 10, 1999 DATE EFFECTIVE June 9, 1999

ISSUED BY E. K. WAGNER DIRECTOR OF RATES ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

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

TARIFF S.L.  
(Street Lighting)

AVAILABILITY OF SERVICE.

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

RATE. (Tariff Code 528)

A. Overhead Service on Existing Distribution Poles

1. High Pressure Sodium	
100 watts ( 9,500 Lumens) .....	\$ 4.36 per lamp
150 watts (16,000 Lumens) .....	\$ 4.81 per lamp
200 watts (22,000 Lumens) .....	\$ 5.50 per lamp
400 watts (50,000 Lumens) .....	\$ 7.38 per lamp

B. Service on New Wood Distribution Poles

1. High Pressure Sodium	
100 watts ( 9,500 Lumens) .....	\$ 6.99 per lamp
150 watts (16,000 Lumens) .....	\$ 7.56 per lamp
200 watts (22,000 Lumens) .....	\$ 8.74 per lamp
400 watts (50,000 Lumens) .....	\$10.63 per lamp

C. Service on New Metal or Concrete Poles

1. High Pressure Sodium	
100 watts ( 9,500 Lumens) .....	\$14.43 per lamp
150 watts (16,000 Lumens) .....	\$14.91 per lamp
200 watts (22,000 Lumens) .....	\$18.77 per lamp
400 watts (50,000 Lumens) .....	\$19.18 per lamp

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

FUEL ADJUSTMENT CLAUSE.

Bills computed according to the rates set forth herein will be increased or decreased by a Fuel Adjustment Factor per KWH calculated in compliance with the Fuel Adjustment Clause contained in Sheet Nos. 5-1 and 5-2 of this Tariff Schedule. The monthly kilowatt-hours for Fuel Adjustment Clause and the System Sales Clause computations are as follows:

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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

CANCELLED

MAY 20 2000

MAR 07 1996

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

BY: Jordan C. Neal  
FOR THE PUBLIC SERVICE COMMISSION

DATE OF ISSUE January 30, 1996 DATE EFFECTIVE August 2, 1995

ISSUED BY E. K. WAGNER DIRECTOR OF RATES ASHLAND, KENTUCKY

NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 94-460 dated April 5, 1995

EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE (Cont'd.)  
(Tariff Experimental D.S.M.C.)

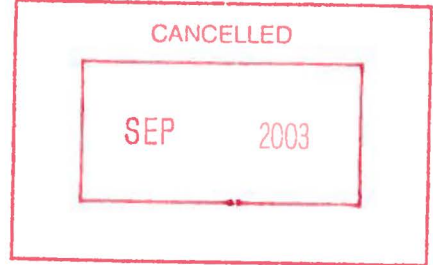
RATE. (Cont'd.)

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

CUSTOMER SECTOR			
	RESIDENTIAL (\$ Per Kwh)	COMMERCIAL (\$ Per KWH)	INDUSTRIAL* (\$ Per KWH)
Floor Factor =	(0.000037)	(0.000019)	- 0 -
Ceiling Factor =	0.000339	0.000091	- 0 -

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

CUSTOMER SECTOR			
	RESIDENTIAL	COMMERCIAL	INDUSTRIAL*
DSM (c)	\$ 245,119	\$ 36,149	- 0 -
S ©	1,623,303,000	1,004,138,800	- 0 -
Adjustment Factor \$	0.000151	0.000036	- 0 -



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

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE  
MAR 31 2003  
PURSUANT TO 507 KAR 5.011  
SECTION 9 (1)

DATE OF ISSUE February 14, 2003 EFFECTIVE DATE March 31, 2003

ISSUED BY ERROL K. WAGNER DIRECTOR OF REGULATORY SERVICES FRANKFORT, KENTUCKY  
NAME TITLE ADDRESS

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

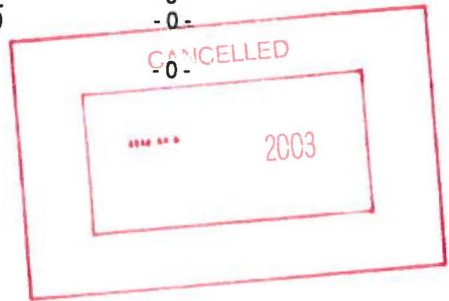
**RATE. (Cont'd.)**

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

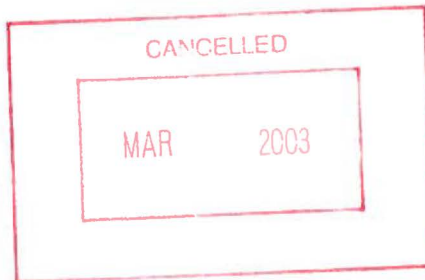
CUSTOMER SECTOR			
	RESIDENTIAL (\$ Per Kwh)	COMMERCIAL (\$ Per KWH)	INDUSTRIAL* (\$ Per KWH)
Floor Factor =	0.000104	0.000172	- 0 -
Ceiling Factor =	0.000307	0.000464	- 0 -

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

CUSTOMER SECTOR			
	RESIDENTIAL	COMMERCIAL	INDUSTRIAL*
DSM (c)	\$ 120,997	\$ 104,626	- 0 -
S ©	587,367,000	329,014,000	- 0 -
Adjustment Factor \$	0.000206	0.000318	- 0 -



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



PUBLIC SERVICE COMMISSION  
 OF KENTUCKY  
 EFFECTIVE

SEP 27 2002

PURSUANT TO 807 KAR 5.011  
 SECTION 9 (1)

BY Thomas L. Brown  
 EXECUTIVE DIRECTOR

DATE OF ISSUE August 14, 2002 EFFECTIVE DATE September 27, 2002  
 ISSUED BY Errol K. Wagner DIRECTOR OF REGULATORY SERVICES FRANKFORT, KENTUCKY  
 NAME TITLE ADDRESS

ENVIRONMENTAL SURCHARGE (E.S.)

APPLICABLE.

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

RATE.

1. The environmental surcharge shall provide for periodic adjustments based on a percent of revenues equal to the difference between the environmental compliance costs in the base period and in the current period according to the following formula:

$$\text{Monthly Environmental Surcharge Factor} = \frac{\text{Net KY Retail } E(m)}{\text{KY Retail } R(m)}$$

Where:

Net KY Retail E(m) = Monthly E(m) allocated to Kentucky Retail Customers, net of Over/ (Under) Recovery Adjustment; Allocation based on Percentage of Kentucky Retail Revenues to Total Company Revenues in the Expense Month.

KY Retail R(m) = Kentucky Retail Revenues for the Expense Month.

2. Monthly Environmental Surcharge Gross Revenue Requirement, E(m)

$$E(m) = \text{CRR} - \text{BRR}$$

Where:

CRR = Current Period Revenue Requirement for the Expense Month.

BRR = Base Period Revenue Requirement.

3. Base Period Revenue Requirement, BRR

$$\text{BRR} = [((\text{RB}_{IM(B)}) (\text{ROR}_{IM(B)}/12)) + \text{OE}_{IM(B)}](.15)$$

Where:

RB<sub>IM(B)</sub> = Environmental Compliance Rate Base for Rockport

ROR<sub>IM(B)</sub> = Annual Rate of Return on Rockport Rate Base; Annual Rate divided by 12 to restate to a Monthly Rate of Return.

OE<sub>IM(B)</sub> = Monthly Pollution Control Operating Expenses for Rockport.

4. Current Period Revenue Requirement, CRR

$$\text{CRR} = ((\text{RB}_{KP})(\text{ROR}_{KP}/12)) + \text{OE}_{KP} + [((\text{RB}_{IM(C)})(\text{ROR}_{IM(C)}/12)) + \text{OE}_{IM(C)}](.15) - \text{AS}$$

Where:

RB<sub>KP</sub> = Environmental Compliance Rate Base for Big Sandy.

ROR<sub>KP</sub> = Annual Rate of Return on Big Sandy Rate Base, as authorized by the Commission; Annual Rate divided by 12 to restate to a Monthly Rate of Return.

OE<sub>KP</sub> = Monthly Pollution Control Operating Expenses for Big Sandy.

RB<sub>IM(C)</sub> = Environmental Compliance Rate Base for Rockport.

ROR<sub>IM(C)</sub> = Annual Rate of Return on Rockport Rate Base; Annual Rate divided by 12 to restate to a Monthly Rate of Return.

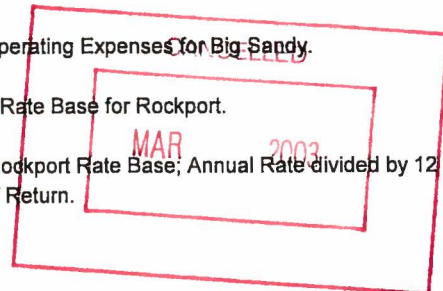
(Cont'd on Sheet 23-2)

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

MAY 27 1997

PURSUANT TO 807 KAR 5.011,  
SECTION 9 (1)

BY: Jordan C. Neal  
FOR THE PUBLIC SERVICE COMMISSION



DATE OF ISSUE June 27, 1997 DATE EFFECTIVE Bills rendered on and after May 27, 1997

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 96-489 dated May 27, 1997



ENVIRONMENTAL SURCHARGE (E.S.) (Cont'd)

RATE, (Cont'd)

4. (Cont'd)

OE<sub>IM(C)</sub> = Monthly Pollution Control Operating Expenses for Rockport.

AS = Net Gain or Net Loss resulting from Emission Allowance Sales, from either EPA Auctions or IAA Allocations, reflected in the month of receipt. This component also includes the return over the first 12 months of allowance sale proceeds as ordered by the Commission.

5. Environmental costs "E" shall be the Company's costs of compliance with the Clean Air Act and those environmental requirements shall apply to coal combustion wastes and by-products, as follows:

- (a) cost associated with Continuous Emission Monitors (CEMS)
- (b) costs associated with the terms of the Rockport Unit Power Agreement
- (c) the Company's share of the pool capacity costs associated with Gavin scrubber(s)
- (d) return on SO<sub>2</sub> allowance inventory
- (e) costs associated with air emission fees
- (f) over/under recovery balances between the actual costs incurred less the amount collected through the environmental surcharge
- (g) costs associated with any Commission's consultant approved by the Commission
- (h) costs associated with Low Nitrogen Oxide (NO<sub>x</sub>) burners at the Big Sandy Generating Plant
- (I) costs associated with the consumption of SO<sub>2</sub> allowances

6. The monthly environmental surcharge shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all necessary supporting data to justify the amount of the adjustments which shall include data and information as may be required by the Commission.

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

DEC 30 1999

CANCELLED  
MAR 2003

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

BY: Stephan D. Bell  
SECRETARY OF THE COMMISSION

DATE OF ISSUE November 10, 1999 DATE EFFECTIVE Bills rendered on and after December 30, 1999

ISSUED BY E. K. WAGNER DIRECTOR OF REGULATORY AFFAIRS ASHLAND, KENTUCKY  
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. 99-149 dated June 14, 1999

**NET MERGER SAVINGS CREDIT (N.M.S.C.)**

**APPLICABLE.**

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

**RATE.**

The Net Merger Savings Credit shall provide for a monthly adjustment to base rates on a rate per KWH of monthly consumption. The Net Merger Savings Credit shall be calculated according to the following formula:

$$\text{Net Merger Savings Credit} = \text{M.S.F.} + \text{B.A.F.}$$

Where:

(M.S.F.) Is the Merger Savings Factor per KWH which is based on the total Company net savings that are to be distributed to the Company's Kentucky retail jurisdictional customers in each 12-month period.

	Net Savings to be Distributed	Merger Savings Factor (M.S.F.)	Balancing Adjustment Factor (B.A.F.)
Year 1*	\$ 1,463,815	.021¢ per Kwh	0 ¢
Year 2	2,553,660	.037¢ per Kwh	.0007¢ per Kwh
Year 3	3,184,645	.045¢ per Kwh	.0009¢ per Kwh
Year 4	3,695,003	.051¢ per Kwh	
Year 5	4,037,167	.055¢ per Kwh	
Year 6	4,299,432	.057¢ per Kwh	
Year 7	4,504,920	.059¢ per Kwh	
Year 8	4,626,369	.059¢ per Kwh	
Year 9	5,242,785	.066¢ per Kwh	



( I )

\*The Net Merger Savings Credit will begin in the first full billing month available following thirty days from the consummation of the merger and will continue until the effective date of a Commission order changing the Company's base rates after Year 8 of this tariff.

(B.A.F.) Is the Balancing Adjustment Factor per KWH for the second through the twelfth months of the current distribution year which reconciles any over- or under-distribution of the net savings from prior periods. The B.A.F. will be determined by dividing the difference between amounts which were expected to be distributed and the amounts actually distributed from the application of the Net Merger Savings Credit from the previous year by the expected Kentucky retail jurisdictional KWH. The final B.A.F. will be applied to customer billings in the second month following the effective date of a Commission order changing the Company's base rates after Year 8 of this tariff.

**TERMS OF DISTRIBUTION.**

1. The total distribution to the Company's customers will, in no case, be less than the sum of the amounts shown for the first eight years above.
2. On or before the 21st of the first month of each distribution year following Year 1, the Company will file with the Commission a status report of the Net Merger Savings Credit. Such report shall include a statement showing the amounts which were expected to be distributed and the amounts actually distributed in previous periods, along with a calculation of the B.A.F. which will be implemented with customer billings in the second month of that distribution year to reconcile any previous over-or under-distributions.
3. The Net Merger Savings Credit shall be applied to the customer's bill following the rates and charges for electric service, but before application of the school tax, the franchise fee, sales tax or similar items.

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
EFFECTIVE

SEP 27 2002

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

BY *Chang...*  
EXECUTIVE DIRECTOR

DATE OF ISSUE August 29, 2002 DATE EFFECTIVE September 27, 2002

ISSUED BY E.K. WAGNER DIRECTOR OF REGULATORY SERVICES FRANKFORT, KENTUCKY  
NAME TITLE ADDRESS