

Duke Energy Kentucky, Inc.
 4580 Olympic Blvd.
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Sixth~~ ~~Seventh~~ Revised Sheet No. 44
 Cancels and Supersedes
~~Fifth~~ ~~Sixth~~ Revised Sheet No. 44
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RATE GS-FL

OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS

APPLICABILITY

Applicable to electric service in the Company's entire territory for small fixed, electric load which can be served by a standard service drop from the Company's existing secondary distribution system where it is considered by the Company to be impractical to meter, such as service locations for bus shelters, telephone booths, navigation lights and beacons, and cable television power supplies.

TYPE OF SERVICE

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

NET MONTHLY BILL

Computed in accordance with the following charges and based upon calculated energy use determined by the rated capacity of the connected equipment:

1. Base Rate

- | | | |
|---|----------------------------|------|
| (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment | \$0.0860030.080723 per kWh | (FR) |
| (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment | \$0.0982270.092947 per kWh | (FR) |

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Minimum: \$3.00 per Fixed Load Location per month.

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

Issued by authority of an Order of the Kentucky Public Service Commission dated August 11, 2015 in Case No. 2014-00454/2017-00005. (T)

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SERVICE PROVISIONS

- (1) Each separate point of delivery of service shall be considered a Fixed Load Location.
- (2) Only one supply service will be provided to a customer under this Schedule as one Fixed Load Location.
- (3) The customer shall furnish switching equipment satisfactory to the Company.
- (4) The calculated energy use per month shall be determined by the Company taking into consideration the size and operating characteristics of the load.
- (5) The customer shall notify the Company in advance of every change in connected load or operating characteristics, 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 any such changes, the Company reserves the right to refuse to serve the Fixed Load thereafter under this Schedule, and shall be entitled to bill the customer retroactively on the basis of the changed load and operating characteristics for the full period such load was connected.

TERM OF SERVICE

One (1) year, terminable thereafter on thirty (30) days written notice by either the customer or the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE DP

SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served, and the customer's average monthly demand is determined by the Company to be less than 500 kilowatts. Electric service must be supplied at one point of delivery and is not applicable for resale service.

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the maximum monthly rate, excluding the customer charge, electric fuel component charges and DSM Charge shall not exceed \$0.241184 per kilowatt-hour (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge			
Primary Voltage Service (12.5 or 34.5 kV)	\$	100.00	per month
(b) Demand Charge			
All kilowatts	\$	7.08	per kW
(c) Energy Charge			
First 300 kWh/kW	\$	0.0563480 <u>0.051068</u>	per kWh (±R)
Additional kWh	\$	0.0484780 <u>0.043198</u>	per kWh (±R)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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The minimum charge shall be the Customer Charge shown above.

PRIMARY VOLTAGE METERING DISCOUNT

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at primary voltage, the kilowatt-hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

DEMAND

The demand shall be the kilowatts derived from the Company's demand meter for the fifteen-minute period of customer's greatest use during the billing period, as determined by the Company, adjusted for power factor, as provided herein. At its option, the Company may not install a demand meter if the nature of the load clearly indicates the load will have a constant demand, in which case the demand will be the calculated demand.

In no event will the billing demand be taken as less than 85% of the highest monthly kilowatt demand established in the summer period and effective for the next succeeding eleven (11) months.

If a customer requests reconnection of an account within twelve (12) months of a disconnection order, the customer's demand record for the period of disconnection will be re-established for purposes of billing and administration of the preceding clause.

For purposes of administration of the above clause, the summer period is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines customer's power factor to be less than 90%, the billing demand will be the number of kilowatts equal to the kilovolt amperes multiplied by 0.90.

At the Company's option, power factor may be determined by the following methods:

a. Continuous measurement

- the power factor, as determined during the interval in which the maximum kW demand is established, will be used for billing purposes; or

b. Testing

- the power factor, as determined during a period in which the customer's measured kW demand is not less than 90% of the measured maximum kW demand of the preceding billing period, will be used for billing purposes until superseded by a power factor determined by a subsequent test made at the direction of Company or request of customer.

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter as prescribed by the Company's Service Regulations.

- (1) For customers with a most recent twelve month average demand of less than 10,000 kVA, thirty days written notice.
- (2) For customers with a most recent twelve month average demand of 10,000 kVA or greater, written notice twelve months in advance of the desired termination date.

The Company is not obligated to extend, expand or rearrange its transmission system voltage if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission service, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

For purposes of administration of this rate, the Company will determine the customer's average monthly demand based upon the twelve months ending December of each year after the applicable term of service has been fulfilled by the customer. If the customer's monthly demand exceeds 500 kilowatts and the Company expects the customer's demand to remain in excess of 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DT, Time-of-Day Rate for Distribution Service shall be applicable beginning with the June revenue month billing and shall continue until the term of service of that rate has been fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly less than 500 kilowatts, the Company may, at its discretion, waive the twelve month demand history requirement in the determination of the applicability of this rate.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE TT

TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at a nominal transmission system voltage of 69,000 volts or higher, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery and the customer furnishes and maintains all transformation equipment and appurtenances necessary to utilize the service.

Service is applicable for ultimate use by the customer and is not applicable for standby, supplemental, emergency or resale service.

TYPE OF SERVICE

Alternating current 60 Hz, three phase at Company's standard transmission voltage of 69,000 volts or higher.

NET MONTHLY BILL

Computed in accordance with the following charges (kilowatts of demand are abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate
 - (a) Customer Charge \$ 500.00 per month
 - (b) Demand Charge
 - Summer
 - On Peak kW \$ 7.60 per kW
 - Off Peak kW \$ 1.15 per kW
 - Winter
 - On Peak kW \$ 6.24 per kW
 - Off Peak kW \$ 1.15 per kW
 - (c) Energy Charge \$0.0479280,042648 per kWh (±R)
 All kWh

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

- Sheet No. 78, Rider DSMR, Demand Side Management Rider
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- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
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The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months.

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NET MONTHLY BILL (Contd.)

For purposes of administration of the above charges, the summer is defined as that period represented by the Company's billing for the four (4) revenue months of June through September. The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

RATING PERIODS

The rating periods applicable to the demand charge shall be as follows:

- a) On Peak Period
Summer - 11 a.m. to 8 p.m. Monday through Friday, excluding holidays.
Winter - 9 a.m. to 2 p.m. and 5 p.m. to 9 p.m., Monday through Friday, excluding holidays.
- b) Off Peak Period - all hours Monday through Friday not included above plus all day Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day on the day nationally designated to be celebrated as such.

METERING

The Company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at secondary voltage, the kilowatt-hours registered on the Company's meter will be increased one and one-half percent (1.5%) for billing purposes.

DEMAND

The On Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the on peak rating period adjusted for power factor as provided herein. The Off Peak billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the off peak rating period adjusted for power factor minus the On Peak billing demand. In no case shall the Off Peak billing demand be less than zero.

POWER FACTOR ADJUSTMENT

The power factor to be maintained shall be not less than 90% lagging. If the Company determines the customer's power factor to be less than 90%, the on peak and off peak billing demands will be the number of kilowatts equal to the respective on peak and off peak kilovolt amperes multiplied by 0.90.

The power factor, as determined by continuous measurement, will be derived from the intervals in which the maximum on peak and off peak kW demands are established.

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

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TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of five (5) years terminable thereafter by either the customer or the Company as follows:

- (1) Thirty (30) days after receipt of written notice for customers with a most recent twelve (12) months average on peak demand of less than 10,000 kW.
- (2) Twelve (12) months after receipt of written notice for customers with a most recent twelve (12) months average on peak demand of greater than 10,000 kW.

The Company is not obligated to extend, expand or rearrange its transmission system if it determines that existing distribution and/or transmission facilities are of adequate capacity to serve the customer's load.

If the Company offers to provide the necessary facilities for transmission voltage, in accordance with its Service Regulations, an annual facilities charge, applicable to such additional facilities, is established at twenty (20) percent of actual cost. The annual facilities charge shall be billed in twelve monthly installments to be added to the demand charge.

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SL

STREET LIGHTING SERVICE

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners associations, for the lighting of public streets and roads with Company-owned lighting fixtures.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities, or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed:

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NET MONTHLY BILL (Contd.)

1. Base Rate

OVERHEAD DISTRIBUTION AREA

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 7,467.11	(R)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6,325.94	(R)
10,000 lumen	250	0.275	1,144	\$ 8,728.21	(R)
21,000 lumen	400	0.430	1,789	\$41,7810.99	(R)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 7,467.11	(R)
20,500 lumen	250	0.275	1,144	\$ 8,728.21	(R)
36,000 lumen	400	0.430	1,789	\$41,7810.99	(R)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 8,087.87	(R)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6,425.91	(R)
16,000 lumen	150	0.171	711	\$ 8,898.58	(R)
22,000 lumen	200		948		(R)
		0.228		\$41,5411.13	
27,500 lumen	250		948		(R)
		0.275		\$41,5411.13	
50,000 lumen	400		1,959		(R)
		0.471		\$46,8414.95	
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9,999.78	(R)
22,000 lumen (Rectilinear)	200		1,023		(R)
		0.246		\$42,5412.09	
50,000 lumen (Rectilinear)	400		1,959		(R)
		0.471		\$46,8616.00	
50,000 lumen (Setback)	400		1,959		(R)
		0.471		\$24,6523.79	

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

Spans of Secondary Wiring:

For each increment of 50 feet of secondary wiring beyond the first 150 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.52.

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<u>UNDERGROUND DISTRIBUTION AREA</u>	<u>Lamp Watt</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
<u>Fixture Description</u>					
<u>Standard Fixture (Cobra Head)</u>					
<u>Mercury Vapor</u>					
7,000 lumen	175	0.210	874	\$ 7,627.24	(R)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6,325.94	(R)
10,000 lumen	250	0.292	1,215	\$ 8,898.36	(R)
21,000 lumen	400	0.460	1,914	\$12,091.25	(R)
<u>Metal Halide</u>					
14,000 lumen	175	0.210	874	\$ 7,627.24	(R)
20,500 lumen	250	0.292	1,215	\$ 8,898.36	(R)
36,000 lumen	400	0.460	1,914	\$12,091.25	(R)
<u>Sodium Vapor</u>					
9,500 lumen	100	0.117	487	\$ 8,087.87	(R)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6,205.99	(R)
16,000 lumen	150	0.171	711	\$ 8,869.55	(R)
22,000 lumen	200	0.228	948	\$11,541.13	(R)
50,000 lumen	400	0.471	1,959	\$15,841.95	(R)
<u>Decorative Fixtures</u>					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7,867.48	(R)
7,000 lumen (Holophane)	175	0.210	874	\$ 9,789.4	(R)
7,000 lumen (Gas Replica)	175	0.210	874	\$21,962.148	(R)
7,000 lumen (Granville)	175	0.205	853	\$ 7,947.56	(R)
7,000 lumen (Aspen)	175	0.210	874	\$13,9913.61	(R)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7,867.48	(R)
14,000 lumen (Granville Acorn)	175	0.210	874	\$13,9913.61	(R)
14,000 lumen (Gas Replica)	175	0.210	874	\$21,9621.57	(R)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$11,1410.93	(R)
9,500 lumen (Holophane)	100	0.128	532	\$12,0711.84	(R)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8,048.83	(R)
9,500 lumen (Gas Replica)	100	0.128	532	\$22,4922.26	(R)
9,500 lumen (Aspen)	100	0.128	532	\$14,0213.79	(R)
9,500 lumen (Traditionaire)	100	0.117	487	\$11,1410.93	(R)
9,500 lumen (Granville Acorn)	100	0.128	532	\$14,0213.79	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12,6012.15	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16,9216.06	(R)
50,000 lumen (Setback)	400	0.471	1,959	\$24,6523.79	(R)

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NET MONTHLY BILL (Contd.)

<u>POLE CHARGES</u>	<u>Pole Type</u>	<u>Rate/Pole</u>
Pole Description		
Wood		
17 foot (Wood Laminated) (a)	W17	\$ 4.40
30 foot	W30	\$ 4.34
35 foot	W35	\$ 4.40
40 foot	W40	\$ 5.27
Aluminum		
12 foot (decorative)	A12	\$11.97
28 foot	A28	\$ 6.94
28 foot (heavy duty)	A28H	\$ 7.01
30 foot (anchor base)	A30	\$13.86
Fiberglass		
17 foot	F17	\$ 4.40
12 foot (decorative)	F12	\$12.87
30 foot (bronze)	F30	\$ 8.38
35 foot (bronze)	F35	\$ 8.60
Steel		
27 foot (11 gauge)	S27	\$11.31
27 foot (3 gauge)	S27H	\$17.05

Spans of Secondary Wiring:

For each increment of 25 feet of secondary wiring beyond the first 25 feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.75.

Additional facilities, other than specified above, if required, will be billed at the time of installation.

(a) Note: New or replacement poles no longer available.

2. Base Fuel Cost

The rates per unit shown above include a charge of ~~\$0.0291170~~ 0.023837 per kilowatt-hour reflecting the (R)
 _____-Base cost of fuel.

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:

- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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4580 Olympic Blvd.
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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, and then its terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the

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customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE TL

TRAFFIC LIGHTING SERVICE

APPLICABILITY

Applicable to the supplying of energy for traffic signals or other traffic control lighting on public streets and roads. After April 2, 1990, this tariff schedule shall only be applicable to municipal, county, state and local governments. In the application of this tariff, each point of delivery shall be considered as a separate customer.

TYPE OF SERVICE

Alternating current 60 Hz, single phase at the Company's standard secondary voltage.

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate

(a) Where the Company supplies energy only, all kilowatt-hours shall be billed at ~~\$0.0433460~~ 0.038066 (R±)
_____ per kilowatt-hour;

(b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.021078 per kilowatt-hour.

(c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at ~~\$0.0644260~~ 0.059145 per kilowatt-hour. (±R)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERM OF SERVICE

One year, terminable thereafter on thirty (30) days written notice by either customer or Company.

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GENERAL CONDITIONS

- (1) Billing will be based on the calculated kilowatt-hour consumption taking into consideration the size and characteristics of the load.
- (2) Where the average monthly usage is less than 110 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing the electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before the work is carried out.
- (3) The location of each point of delivery shall be mutually agreed upon by the Company and the customer. In overhead distribution areas, the point of delivery shall be within 150 feet of existing secondary wiring. In underground distribution areas, the point of delivery shall be at an existing secondary wiring service point.
- (4) If the customer requires a point of delivery which requires the extension, relocation, or rearrangement of Company's distribution system, the customer shall pay the Company, in addition to the monthly charge, the cost of such extension, relocation, or rearrangement on the basis of time and material plus overhead charges unless, in the judgment of the Company, no payment shall be made. An estimate of the cost will be submitted for approval before work is carried out.

LIMITED MAINTENANCE

Limited maintenance for traffic signals is defined as cleaning and replacing lamps, and repairing connections in wiring which are of a minor nature. Limited maintenance for traffic controllers is defined as cleaning, oiling, adjusting and replacing contacts which are provided by customer, time-setting when requested, and minor repairs to defective wiring.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE UOLS
UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

Applicable for electric energy usage only for any street or outdoor area lighting system (System), operating during the dusk to dawn time period, on private or public property and owned by the customer or the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service under this tariff schedule shall require a written agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

CONTRACT FOR SERVICE

The customer will enter into an Agreement for Electric Service for Outdoor Lighting for a minimum of one year and renewable annually, automatically, thereafter.

The Company will provide unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage (impact wattage). The System kilowatt-hour usage shall be determined by the number of lamps and other System particulars as defined in the written agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the rate contained in the NET MONTHLY BILL section below.

LIGHTING HOURS

The unmetered lighting System will be operated automatically by either individual photoelectric controllers or System controller(s) set to operate on either dusk-to-dawn lighting levels or on pre-set timers for any hours between dusk-to-dawn. The hours of operation will be agreed upon between the customer and the Company and set out in the Agreement. Dusk-to-dawn lighting typically turns on and off approximately one-half (1/2) hour after sunset and one-half (1/2) hour before sunrise which is approximately 4160 hours annually.

NET MONTHLY BILL

Computed in accordance with the following charge:

1. **Base Rate**
All kWh \$0.0427610.037481 per kWh (IR)
2. **Applicable Riders**
The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill which is the Net Monthly Bill plus 5%, is due and payable.

OWNERSHIP OF SERVICE LINES

Company will provide, install, own, operate and maintain the necessary facilities for furnishing electric service to the System defined in the agreement. If the customer requires the installation of a System at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

The Company shall erect the service lines necessary to supply electric energy to the System within the limits of the public streets and highways or on private property as mutually agreed upon by the Company and the customer. The customer shall assist the Company, if necessary, in obtaining adequate written easements covering permission to install and maintain any service lines required to serve the System.

The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with lighting output or with service lines or wires of the Company used for supplying electric energy to the System. The customer shall assist the Company, if necessary, in obtaining permission to trim trees where the Company is unable to obtain such permission through its own best efforts.

SERVICE REGULATIONS

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RATE OL

OUTDOOR LIGHTING SERVICE

APPLICABILITY

Applicable for outdoor lighting services on private property with Company owned fixtures in the Company's entire service area where secondary distribution lines are adjacent to the premises to be served. Not applicable for lighting public roadways which are dedicated, or anticipated to be dedicated, except to meet the occasional singular need of a customer who has obtained written approval from the proper governmental authority.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-ways provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

NET MONTHLY BILL

1. Base Rate

A. Private outdoor lighting units:

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a maximum mast arm of 10 feet for overhead units will be assessed:

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NET MONTHLY BILL (Contd.)

	Lamp Watts	kW/ Luminaire	Annual kWh	Rate/Unit	
Standard Fixtures (Cobra Head)					
Mercury Vapor					
7,000 lumen (Open Refractor)	175	0.205	853	\$ 9.118.73	(R)
7,000 lumen	175	0.210	874	\$11.5611.17	(R)
10,000 lumen	250	0.292	1,215	\$13.5713.04	(R)
21,000 lumen	400	0.460	1,914	\$17.5916.75	(R)
Metal Halide					
14,000 lumen	175	0.210	874	\$11.5611.17	(R)
20,500 lumen	250	0.307	1,215	\$13.5913.06	(R)
36,000 lumen	400	0.460	1,914	\$17.5916.75	(R)
Sodium Vapor					
9,500 lumen (Open Refractor)	100	0.117	487	\$ 7.897.68	(R)
9,500 lumen	100	0.117	487	\$10.209.99	(R)
16,000 lumen	150	0.171	711	\$11.5811.27	(R)
22,000 lumen	200	0.228	948	\$12.8812.47	(R)
27,500 lumen	250	0.228	948	\$12.8812.47	(R)
50,000 lumen	400	0.471	1,959	\$15.3914.53	(R)
Decorative Fixtures (a)					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$13.7613.38	(R)
7,000 lumen (Holophane)	175	0.210	874	\$17.6217.24	(R)
7,000 lumen (Gas Replica)	175	0.210	874	\$42.0441.66	(R)
7,000 lumen (Aspen)	175	0.210	874	\$26.1525.77	(R)
Sodium Vapor					

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9,500 lumen (Town & Country)	100	0.117	487	\$21.31 <u>21.10</u>	(R)
9,500 lumen (Holophane)	100	0.128	532	\$23.09 <u>22.86</u>	(R)
9,500 lumen (Rectilinear)	100	0.117	487	\$19.00 <u>18.79</u>	(R)
9,500 lumen (Gas Replica)	100	0.128	532	\$44.17 <u>43.94</u>	(R)
9,500 lumen (Aspen)	100	0.128	532	\$26.86 <u>26.63</u>	(R)
9,500 lumen (Traditionaire)	100	0.117	487	\$21.31 <u>21.10</u>	(R)
9,500 lumen (Granville Acorn)	100	0.128	532	\$26.86 <u>26.63</u>	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$22.82 <u>22.37</u>	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$29.24 <u>28.38</u>	(R)
50,000 lumen (Setback)	400	0.471	1,959	\$45.04 <u>44.15</u>	(R)

(a) When requesting installation of a decorative unit, the customer may elect to make an additional contribution to obtain the monthly rate per unit charge for the same size standard (cobra head) outdoor lighting fixture.

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NET MONTHLY BILL (Contd.)

B. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, will be assessed:

	<u>Lamp Watts</u>	<u>kW/ Luminaire</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
Mercury Vapor 21,000 lumen	400	0.460	1,914	\$17.60 <u>16.76</u>	(R)
Metal Halide 20,500 lumen	250	0.307	1,215	\$43.57 <u>13.04</u>	(R)
36,000 lumen	400	0.460	1,914	\$17.60 <u>16.76</u>	(R)
Sodium Vapor 22,000 lumen	200	0.246	1,023	\$12.83 <u>12.38</u>	(R)
30,000 lumen	250	0.312	1,023	\$12.83 <u>12.38</u>	(R)
50,000 lumen	400	0.480	1,997	\$16.23 <u>15.35</u>	(R)

Additional facilities, if needed will be billed at the time of installation.

2. Base Fuel Cost

The rates per unit shown above include ~~\$0.029~~ 1470.023837 per kilowatt-hour reflecting the ~~Base cost of fuel.~~ (R)

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider.
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

GENERAL CONDITIONS

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.
2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer

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approval before work is carried out.

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GENERAL CONDITIONS (Contd.)

- 3. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
- 4. Installation of lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- 5. The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these light units for such reason.
- 6. When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

TERM OF SERVICE

Three (3) years for a new and/or succeeding customer until the initial period is fulfilled. The service is terminable thereafter on ten (10) days written notice by the customer or the Company.

At the Company's option, a longer contract may be required for large installations.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations, currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE NSU

**STREET LIGHTING SERVICE
 NON-STANDARD UNITS**

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereinafter referred to as customer for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after January 1, 1985.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within 48 hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

1. Base Rate

A. Company owned

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Boulevard units served underground					
a. 2,500 lumen Incandescent - Series	148	0.148	616	\$ 9.499.22	(IR)
b. 2,500 lumen Incandescent - Multiple	189	0.189	786	\$ 7.517.16	(IR)
2. Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable					

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a. 10,000 lumen Mercury Vapor	250	0.292	1,215	47.32 <u>16.79</u>	(R)
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NET MONTHLY BILL (Contd.)

The cable span charge of \$0.75 per each increment of 25 feet of secondary wiring shall be added to the Rate/unit charge for each increment of secondary wiring beyond the first 25 feet from the pole base.

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
3. Street light units served overhead distribution					
a. 2,500 lumen Incandescent	189	0.189	786	\$ 7.457.10	(R)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$ 6.046.72	(R)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$ 11.6010.66	(R)

B. Customer owned

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$ 5.715.44	(R)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$ 7.276.92	(R)

2. Base Fuel Cost

The rates per unit shown above include \$0.0294170.023837 per kilowatt-hour reflecting the base cost of fuel. (R)

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 1 or 3 under General Conditions.

GENERAL CONDITIONS

(1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value

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of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by, and at the expense of, the Company.

GENERAL CONDITIONS (Contd.)

In case of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (3) When a Company owned street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (4) When a customer owned lighting unit becomes inoperative, the cost of repair or replacement of the unit will be at the customer's expense. The replacement unit shall be an approved Company fixture.
- (5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE NSP

PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

APPLICABILITY

Applicable to service for outdoor lighting on private property with Company-owned lighting fixtures in the Company's entire territory where secondary distribution lines are adjacent to the premise to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2016. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

NET MONTHLY BILL

- 1. Base Rate
 - A. Private outdoor lighting units:

The following monthly charge will be assessed for existing facilities, but this unit will not be available to any new customers after May 15, 1973:

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
2,500 lumen Mercury, Open Refractor.....	100	0.115	478	\$ 8.04 <u>17.79</u>	(R)
2,500 lumen Mercury, Enclosed Refractor.....	100	0.115	478	\$ 40.98 <u>10.66</u>	(R)

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NET MONTHLY BILL (Contd.)

B. Outdoor lighting units served in underground residential distribution areas:

The following monthly charge will be assessed for existing fixtures which include lamp and luminaire, controlled automatically, with an underground service wire not to exceed 35 feet from the service point, but these units will not be available to new customers after May 5, 1992:

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
7,000 lumens Mercury, Mounted on a 17-foot Fiberglass Pole	175	0.205	853	\$14.92 <u>14.54</u>	(R)
7,000 lumen Mercury, Mounted on a 17-foot Wood Laminated Pole (a)	175	0.205	853	\$14.92 <u>14.54</u>	(R)
7,000 lumen Mercury, Mounted on a 30-foot Wood Pole	175	0.205	853	\$13.82 <u>13.44</u>	(R)
9,500 lumen Sodium Vapor, TC 100 R.	100	0.117	487	\$11.43 <u>11.22</u>	(R)

(a) Note: New or replacement poles are not available.

C. Flood lighting units served in overhead distribution areas:

The following monthly charge will be assessed for each existing fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed 120 feet, but these units will not be available after May 5, 1992:

	Lamp Watt	kW/Fixture	Annual kWh	Rate/Unit	
52,000 lumen Mercury (35-foot Wood Pole)	1,000	1.102	4,584	\$30.57 <u>28.55</u>	(R)
52,000 lumen Mercury (50-foot Wood Pole)	1,000	1.102	4,584	\$34.18 <u>32.16</u>	(R)
50,000 lumen Sodium Vapor.	400	0.471	1,959	\$20.65 <u>19.79</u>	(R)

2. Base Fuel Cost

The rates per unit shown above include ~~\$0.0294~~0.023837 per kilowatt-hour reflecting the base cost of fuel. (R)

3. Applicable Riders

The following riders are applicable to the specific terms contained within each rider:
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERM OF SERVICE

Three (3) years, terminable thereafter on ten (10) days written notice by either customer or Company.

GENERAL CONDITIONS

1. In cases of repeated vandalism, the Company at its option will repair or remove its damaged equipment and the customer shall pay for repairs on a time and material basis, plus overhead charges. If the equipment is removed the customer will be billed for the unexpired term of the contract.
2. If any Company owned lighting unit is required to be relocated, removed or replaced with another unit of the same or lower lamp wattage, the customer ordering this shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charges should be made. An estimate of the cost will be submitted for customer approval before work is carried out.
3. When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SC

STREET LIGHTING SERVICE - CUSTOMER OWNED

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowner's associations for the lighting of public streets and roads when the total investment and installation costs of the fixtures are borne by the customer. The fixture shall be a Company approved unit used in overhead and underground distribution areas.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

1. Base Rate	Lamp Watts	kW/Unit	Annual kWh	Rate/Unit	
Fixture Description Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 4,544.19	(R)
10,000 lumen	250	0.275	1,144	\$ 6,845.33	(R)
21,000 lumen	400	0.430	1,789	\$ 8,197.40	(R)
Metal Halide					

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14,000 lumen	175	0.193	803	\$ 4,544.19	(IR)
20,500 lumen	250	0.275	1,144	\$ 5,845.33	(IR)
36,000 lumen	400	0.430	1,789	\$ 8,187.40	(IR)

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NET MONTHLY BILL (Contd.)

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 5-255.04	(R)
16,000 lumen	150	0.171	711	\$ 5-935.62	(R)
22,000 lumen	200	0.228	948	\$ 6-586.17	(R)
27,500 lumen	250	0.228	948	\$ 6-586.17	(R)
50,000 lumen	400	0.471	1,959	\$ 9-228.36	(R)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 5-795.32	(R)
7,000 lumen (Town & Country)	175	0.205	853	\$ 5-665.27	(R)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5-795.32	(R)
7,000 lumen (Aspen)	175	0.210	874	\$ 5-795.32	(R)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 5-665.27	(R)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 5-795.32	(R)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 5-795.32	(R)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 5-174.96	(R)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 5-174.96	(R)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5-415.18	(R)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 5-174.96	(R)
9,500 lumen (Aspen)	100	0.128	532	\$ 5-415.18	(R)
9,500 lumen (Holophane)	100	0.128	532	\$ 5-415.18	(R)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5-415.18	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 6-996.54	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 9-518.65	(R)

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

<u>Pole Description</u>	<u>Pole Type</u>	<u>Rate/Pole</u>
Wood		
30 foot	W30	\$ 4.34
35 foot	W35	\$ 4.40
40 foot	W40	\$ 5.27

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NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.0427640037481 per kilowatt-hour which includes the base fuel cost rate stated below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out.

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2. Base Fuel Cost

The rates per unit shown above include \$0.0284470023837 per kilowatt-hour reflecting the base cost of fuel.

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3. Applicable Riders

The following riders are applicable to the specific terms contained within each rider:
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

GENERAL CONDITIONS

(1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

(2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without

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cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.

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GENERAL CONDITIONS (Contd.)

- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.

- (6) When a customer owned lighting unit becomes inoperative the cost of repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SE

STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof and incorporated homeowners associations for the lighting of public streets and roads with Company lighting fixtures in underground distribution areas, where the customer elects to make a contribution for the installation of the fixture, mounting, pole and secondary wiring to obtain the rate/unit for the same size standard fixture (cobra head) in an overhead distribution area.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This rate schedule is no longer available after December 31, 2006. Potential lighting customers wanting a lighting system installed and maintained by Company can do so via the Outdoor Lighting Equipment agreement (OLE). Potential customers should contact a Company account representative for further information concerning OLE options. This rate schedule terminates December 31, 2026. Customers currently being provided service under this rate schedule can continue being provided service under this rate schedule for the remaining useful life of the facilities or this rate schedule terminates, whichever occurs first.

TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within 48 hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

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Issued: August 14, 2016 February 20, 2017

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(T)

Duke Energy Kentucky, Inc.
 4580 Olympic Blvd.
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
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NET MONTHLY BILL (Contd.)

1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Decorative Fixtures					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.667.29	(R)
7,000 lumen (Holophane)	175	0.210	874	\$ 7.747.32	(R)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7.747.32	(R)
7,000 lumen (Aspen)	175	0.210	874	\$ 7.747.32	(R)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.667.29	(R)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 7.747.32	(R)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7.747.32	(R)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.167.95	(R)
9,500 lumen (Holophane)	100	0.128	532	\$ 8.288.05	(R)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.167.95	(R)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 8.278.04	(R)
9,500 lumen (Aspen)	100	0.128	532	\$ 8.278.04	(R)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.167.95	(R)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 8.278.04	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$11.8711.42	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$46.9715.11	(R)
50,000 lumen (Setback)	400	0.471	1,959	\$46.9715.11	(R)

Additional facilities, other than specified above, if required, will be billed at the time of installation.

2. Base Fuel Cost

The rates per unit shown above include \$0.0294470.023837 per kilowatt-hour reflecting the base cc (R) fuel.

3. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

Payment of the Net Monthly Bill must be received in the Company's office within twenty-one (21) days from the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERM OF SERVICE

The street lighting units are installed for the life of the unit, terminable on one hundred twenty (120) days written notice by either customer or Company subject to Paragraph 4 or 6 under General Conditions.

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GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.
- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.

In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

SERVICE REGULATIONS

The supplying of, and billing for, service and all conditions applying thereto, are subject to the jurisdiction of the Kentucky Public Service Commission, and to Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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**RIDER FAC
FUEL ADJUSTMENT CLAUSE**

APPLICABLE

In all territory service.

AVAILABILITY OF SERVICE

This schedule is a mandatory rider to all electric rate schedules.

- (1) The monthly amount computed under each of the rate schedules to which this fuel clause is applicable shall be increased or (decreased) at a rate per kilowatt-hour of monthly consumption in accordance with the following formula:

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.029117 \text{ per kWh}$$

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.023837 \text{ per kWh} \quad (4R)$$

Where F is the expense of fuel in the second preceding month and S is the sales in the second preceding month, as defined below:

- (2) Fuel costs (F) shall be the cost of:
- (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
 - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
 - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
 - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.

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- (e) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.

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AVAILABILITY OF SERVICE (Contd.)

(f) As used herein, the term "forced outages" means all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection, or acts of the public enemy, then the Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.

(3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

Subtract:

- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
- (e) total system losses

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Commission dated ~~August 11, 2016~~ in Case No. 2014-
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(T)

Issued: ~~August 14, 2016~~ February 20, 2017

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**Duke Energy Kentucky
Case No. 2017-00005
Staff First Set Data Requests
Date Received: February 6, 2017**

STAFF-DR-01-018

REQUEST:

- a. State whether Duke Kentucky regularly compares the price of its coal purchases with those paid by other electric utilities.
- b. If yes, state:
 1. How Duke Kentucky's prices compare with those of other utilities. If the comparison includes months outside of the review period, a comparison limited to the review period should be provided separately. Provide a copy of the source documents and calculations used to support the amounts used in the comparison and include all prices used in the comparison in cents per MMBtu; and
 2. The utilities that are included in this comparison and their locations.

RESPONSE:

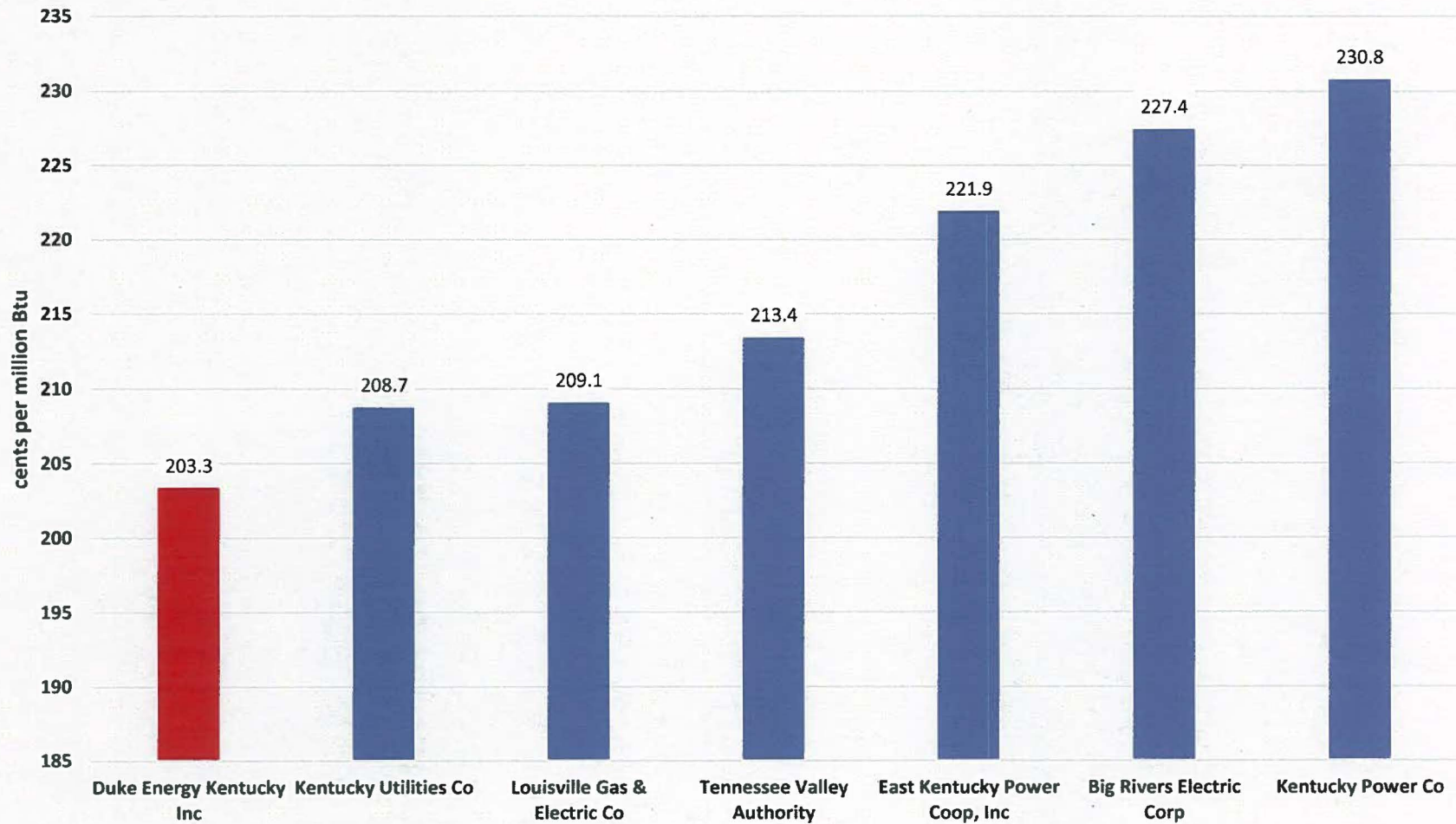
- a. Yes. Duke Energy Kentucky regularly compares the price of its coal purchases to those paid by other major electric utilities serving Kentucky's ratepayers. For the prior review periods from 11/1/2014 through 4/30/2016, please reference Duke Energy Kentucky Case Nos. 2015-00236, 2016-00005 and 2016-00234. For the most current six months of this review period from May 1, 2016 through October 31, 2016, please see STAFF-DR-01-018(a) Attachment.
- b. 1. Please see STAFF-DR-01-018(b) Attachment, derived from EIA Form 923 data.

2. Please see the following list of utilities that are included in this comparison and the locations of their generating stations / terminals serving Kentucky's ratepayers:

Utility Operating Company	Generating Station / Terminal	State
Duke Energy Kentucky Inc	East Bend	KY
Kentucky Utilities Co	E W Brown	KY
	Ghent	KY
Louisville Gas & Electric Co	Mill Creek (KY)	KY
	Trimble County	KY
Tennessee Valley Authority	Bull Run	TN
	Calvert City	TN
	Cora Transfer	TN
	Cumberland (TN)	TN
	Four Rivers Terminal	KY
	GRT Terminal	TN
	Kingston	TN
	Paradise	KY
	Shawnee	KY
East Kentucky Power Coop, Inc	Cooper	KY
	H L Spurlock	KY
Big Rivers Electric Corp	D B Wilson	KY
	HMP&L Station Two Henderson	KY
	R D Green	KY
Kentucky Power Co	Mitchell (WV)	WV

PERSON RESPONSIBLE: Brett Phipps

Delivered Coal Cost - Utilities Serving Kentucky - May 2016 through October 2016



Source: EIA Form 923

**STAFF-DR-01-018
ATTACHMENT (b)
IS BEING
PROVIDED ON CD**

**Duke Energy Kentucky
Case No. 2017-00005
Staff First Set Data Requests
Date Received: February 6, 2017**

STAFF-DR-01-019

REQUEST:

For the period under review by generating station, list the percentages of Duke Kentucky's coal delivered by:

- a. Rail; 0%
- b. Truck; 0%
- c. Barge; 100%
- d. Other (specify) 0%

RESPONSE:

For this review period of November 1, 2015 – April 30, 2016, and to the date of the Commission's Order, below are the percentages based on delivery methods to Duke Energy Kentucky:

	Rail % (a)	Truck % (b)	Barge % (c)
East Bend	0	0	100

PERSON RESPONSIBLE: Brett Phipps

**Duke Energy Kentucky
Case No. 2017-00005
Staff First Set Data Requests
Date Received: February 6, 2017**

STAFF-DR-01-020

REQUEST:

For each generating station, state the methods of coal delivery currently available.

RESPONSE:

Duke Energy Kentucky currently has one method of delivery for coal which is barge.

PERSON RESPONSIBLE: Brett Phipps

REQUEST:

- a. State Duke Kentucky's coal inventory level in tons and in number of days' supply as of October 31, 2016. Provide this information by generating station and in the aggregate.
- b. Describe the criteria used to determine the number of days' supply.
- c. Compare Duke Kentucky's coal inventory as of October 31, 2016, to its inventory target for that date for each plant and for total inventory.
- d. If actual coal inventory exceeds inventory target by ten days' supply, state the reasons for the excessive inventory.
- e. (1) State whether Duke Kentucky expects any significant changes in its current coal inventory target within the next 12 months.
(2) If yes, state the expected change and the reasons for this change.

RESPONSE:

- a. Duke Energy Kentucky's total aggregate inventory across the system as of October 31, 2016 was 267,051 tons, or 41 days.
- b. The number of day's supply is computed by dividing an ending coal inventory figure stated in tons by the Full Load Burn figure of 6,500 tons per day.
- c. The inventory target is an annual average of 45 days compared to 41 days of inventory on October 31, 2016.

- d. Duke Kentucky's coal inventory did not exceed inventory target by ten days' supply.
- e. Duke Kentucky does not expect any significant changes in its current coal inventory target within the next 12 months.

PERSON RESPONSIBLE: Brett Phipps

**Duke Energy Kentucky
Case No. 2017-00005
Staff First Set Data Requests
Date Received: February 6, 2017**

STAFF-DR-01-022

REQUEST:

- a. State whether Duke Kentucky has audited any of its coal contracts during the period from May 1, 2016, to October 31, 2016.
- b. If the response is yes, for each audited contract:
 1. Identify the contract;
 2. Identify the auditor;
 3. State the results of the audit; and
 4. Describe the actions that Duke Kentucky took as a result of the audit.

RESPONSE:

- a. Duke Kentucky has not audited any of its coal contracts during the period from May 1, 2016, to October 31, 2016.

PERSON RESPONSIBLE: Brett Phipps

REQUEST:

- a. State whether Duke Kentucky has received any customer complaints regarding its FAC during the period from May 1, 2016, to October 31, 2016.
- b. If the response is yes, for each complaint, state:
 1. The nature of the complaint; and
 2. Duke Kentucky's response.

RESPONSE:

Duke Energy Kentucky has not received any customer complaints regarding its FAC during the period from May 1, 2016, through October 31, 2016.

PERSON RESPONSIBLE: Theodore H. Czupik Jr.

REQUEST:

- a. State whether Duke Kentucky is currently involved in any litigation with its current or former coal suppliers.
- b. If the response is yes, for each litigation:
 1. Identify the coal supplier;
 2. Identify the coal contract involved;
 3. State the potential liability or recovery to Duke Kentucky;
 4. List the issues presented; and
 5. Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.
- c. State the current status of all litigation with coal supplies.

RESPONSE:

- a. Duke Kentucky is not currently involved in any litigation with its current or former coal suppliers.

PERSON RESPONSIBLE: Brett Phipps

Duke Energy Kentucky
Case No. 2017-00005
Staff First Set Data Requests
Date Received: February 6, 2017

PUBLIC STAFF-DR-01-025

REQUEST:

List each written coal supply solicitation issued during the period May 1, 2016, to October 31, 2016.

- a. For each solicitation, provide the date of the solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
- b. For each solicitation, state the number of vendors to whom the solicitation was sent, the number of vendors who responded, and the selected vendor(s). Provide the bid tabulation sheet or corresponding document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment)

- a. Duke Energy Kentucky sent out a coal solicitation requesting both long-term and spot proposals during September of 2016. The quantity in the solicitation was not limited as the Company requested proposals for the full amounts the vendors can offer which enabled the Company to make decisions regarding the amounts to be purchased after evaluations were completed. The quality solicited consisted of

Central Appalachian, Northern Appalachian and Illinois Basin coals. The time period over which deliveries were requested was calendar year 2017 and calendar year 2018. The generating unit(s) for which the coal was intended was East Bend Station.

- b. The September 2016 coal solicitation was sent to 41 vendors, with 16 vendors providing 23 bids and 3 bids selected from 3 different vendors. Please see Confidential Attachment Staff DR-01-25, which consists of the bid tabulation sheet that ranks the proposals and identifies all vendors who made offers. The bid tabulation sheet also states the reasons for each selection and, for each lowest-cost bid not selected, explains why the bid was not selected. This document was submitted under seal with a Petition for Confidential Treatment.

PERSON RESPONSIBLE: Brett Phipps

**STAFF-DR-01-025
CONFIDENTIAL
ATTACHMENT WAS
SUBMITTED UNDER
SEAL WITH A
PETITION FOR
CONFIDENTIAL
TREATMENT**

REQUEST:

List each oral coal solicitation for coal supplies issued during the period May 1, 2016, to October 31, 2016.

- a. For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
- b. For each solicitation, identify all vendors solicited and the vendor(s) selected. Provide the bid tabulation sheet or other document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

RESPONSE:

Duke Energy Kentucky did not have an oral coal solicitation for coal supply issued during the period May 1, 2016, to October 31, 2016.

PERSON RESPONSIBLE: Brett Phipps

**Duke Energy Kentucky
Case No. 2017-00005
Staff First Set Data Requests
Date Received: February 6, 2017**

STAFF-DR-01-027

REQUEST:

For the period from May 1, 2016 to October 31, 2016, list each vendor from whom coal was purchased and the quantity and nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract.

RESPONSE:

For the period under review from May 1, 2016 through October 31, 2016 please see STAFF-DR-01-027 Attachment.

PERSON RESPONSIBLE: Brett Phipps

Duke Energy Kentucky FAC 2017-00005
Coal Purchased (i.e. Unloaded) - May 1, 2016 through October 31, 2016

<u>Vendor</u>	<u>Purchase Tonnage</u>	<u>Purchase Type</u>	<u>Contract #</u>	<u>Filed with Commission</u>	<u>If no, Explain why</u>
Alliance Coal LLC	76,545	Contract	DEK 30892	2/10/2016	
Contura Coal Sales (f/k/a Alpha)	99,271	Contract	DEK 30810	2/10/2016	
Armstrong Coal Company	75,928	Contract	DEK 30883	2/10/2016	
Consol Pennsylvania Coal Co.	170,590	Contract	DEK 30827	2/10/2016	
Foresight Coal Sales, LLC	80,291	Contract	DEK 30291	1/2/2013	
Peabody CoalTrade LLC	4,923	Spot	DEK 30581	1/28/2015	
Rhino Energy LLC	15,523	Spot	DEK 31293	12/1/2016	
River View	410,875	Contract	DEK 30245	1/28/2015	

Total 933,946

97.8% Contract

2.2% Spot