

VERIFICATION

STATE OF NORTH CAROLINA)
)
)
COUNTY OF MECKLENBURG)
)
) SS:

The undersigned, Kimberly A. Hughes, Director, Coal Origination, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing revised data request, and that the answers contained therein are true and correct to the best of her knowledge, information, and belief.



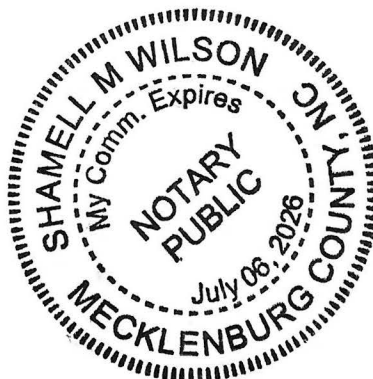
Kimberly A. Hughes, Affiant

Subscribed and sworn to before me by Kimberly A. Hughes on this 28th day of November, 2023.



NOTARY PUBLIC

My Commission Expires:



VERIFICATION

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Libbie S. Miller, Rates & Regulatory Strategy Manager, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing revised supplemental data request, and that the answers contained therein are true and correct to the best of her knowledge, information, and belief.



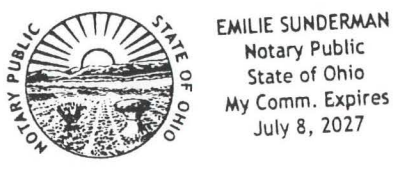
Libbie S. Miller Affiant

Subscribed and sworn to before me by Libbie S. Miller on this 28th day of November, 2023.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



KyPSC Case No. 2023-00012
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**Duke Energy Kentucky
Case No. 2023-00012
STAFF First Set of Data Requests
Date Received: September 6, 2023**

**REVISED CONFIDENTIAL STAFF-DR-01-004
(As to Attachment only)**

REQUEST:

List each written coal-supply solicitation issued during the last six months of the period under review.

- a. For each solicitation, provide the date of the solicitation, the type of solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the 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.

REVISED RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment only)

- a. Duke Energy issued one written term solicitation in May 2022 requesting proposals for coal to be delivered from 2022 through 2025.
- b. Please see STAFF-DR-01-004 Revised Confidential Attachment.

PERSON RESPONSIBLE: Kimberly Hughes

CONFIDENTIAL PROPRIETARY TRADE SECRET

Station East Bend
 Email Solicitation May-22
 Rail Base Year 2023
 Barge Price Base Year 2023

Privileged and Confidential Work Product

Sales Co.	Producer	Start Date	Mode	Shipping Point	Region	Vol	Barges Offered	Btu/lb	Moist %	Ash %	% Sulfur	# SO2 / mmbtu	Mine Location/State	Offer	Price\$/Ton	Severance tax %	Coal Severance rate/ton	Offer Price \$/ton with tax removed	Mine Price \$/mmbtu with tax removed	Equiv. (No Frt)	Barges	Cost \$/ton	Delivered (Tax Removed) \$/ton	Delivered (Tax Removed) \$/mmbtu	O&M \$/mmbtu	SO2 \$/mmbtu	Total \$/mmbtu SO2 Delivered	Total \$/mmbtu SO2 Delivered with tax removed	Comments		
[Redacted Data]																															

Duke Energy Kentucky
Case No. 2023-00012
STAFF First Set of Data Requests
Date Received: September 6, 2023

REVISED SUPPLEMENTAL STAFF-DR-01-028

REQUEST:

Provide a copy of the current tariff showing by cross-outs and inserts all proposed changes in rates.

REVISED SUPPLEMENTAL RESPONSE:

STAFF-DR-01-028 Supplement Attachment inadvertently included three clerical errors.

Please see STAFF-DR-01-028 Revised Supplemental Attachment for correction of the errors. The following items have been corrected:

1. Rate SL, Sheet 60, page 2 of 6, Overhead Distribution Area, Metal Halide 14,000 lumens has been updated from 11.35 to 11.10.
2. Rate SL, Sheet 60, page 3 of 6, Underground Distribution Area, Metal Halide 14,000 lumens has been updated from 11.65 to 11.35.
3. Rate LED, Sheet 64, page 2 of 12, Net Monthly Bill section, line: *The rate shown above includes a charge of \$0.025401 per kilowatt-hour reflecting the base cost of fuel* should read as: *The rate shown above includes a charge of \$0.~~025401~~033780 per kilowatt-hour reflecting the base cost of fuel.*

SUPPLEMENTAL RESPONSE:

Please see STAFF-DR-01-028 Supplemental Attachment for updated redline tariffs as a result of the Commission's approval of Duke Energy Kentucky electric base rates on October 12, 2023, in Case No. 2022-00372.

RESPONSE:

Please see STAFF-DR-01-028 Attachment for the redline tariffs.

PERSON RESPONSIBLE: Libbie S. Miller

Duke Energy Kentucky, Inc.
 1262 Cox Road
 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourteenth-Fifteenth~~ Revised Sheet No. 30
 Cancels and Supersedes
~~Thirteenth-Fourteenth~~ Revised Sheet No. 30
 Page 1 of 2

RATE RS

RESIDENTIAL SERVICE

APPLICABILITY

Applicable to electric service other than three phase service, for all domestic purposes in private residences, single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, Rate DS, Service At Distribution Voltage, is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this Rate will be applied to the residential service, if the service qualifies hereunder.

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges:

1. Base Rate				
(a) Customer Charge	\$13.00	per month		(+)
(b) Energy Charge				
All kilowatt hours	\$0.0996540 <u>0.108033</u>	per kWh		(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge as shown above.

Issued by authority of an Order of the Kentucky Public Service
 Commission dated ~~October 12, 2023~~ in Case No. ~~2022-00372~~.

Issued: ~~October 27, 2023~~

Effective: ~~October 13, 2023~~

Issued by Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fourteenth-Fifteenth~~ Revised Sheet No. 30
Cancels and Supersedes
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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 2.3%, is due and payable. Customers who receive a pledge for or notice of low income assistance from an authorized agency, or another public or charitable source, will not be assessed or required to pay a late payment charge for the current bill for which the pledge or notice is received. An authorized agency is an organization in Kentucky that administers federal Low-Income Home Energy Assistance Programs and/or the Home Energy Assistance Programs offered by Duke Energy Kentucky. ~~(R)~~

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

SERVICE REGULATIONS ~~(T)~~

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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KY.P.S.C. Electric No. 2
 First Revised Sheet No 35
 Cancels and Supersedes
 Original Sheet No. 35
 Page 1 of 3

RATE RS-TOU-CPP - EXPERIMENTAL

(N)

RESIDENTIAL SERVICE TIME OF USE WITH CRITICAL PEAK PRICING

APPLICABILITY

Applicable to electric service other than three phase service, for all domestic purposes in private residences, single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served. This rate is available only as Company smart meters are installed on the customer's premises. Company, at its option, may install and certify an eligible meter upon Customer request to participate. Customer participation will be limited to at most one thousand (1,000) customers.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rates will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, Rate DS, Service At Distribution Voltage, is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this Rate will be applied to the residential service, if the service qualifies hereunder.

Rate RS-TOU-CPP is not available to customers served under the Company's Rider TS, Temporary Service rider or Company's Rider AMO, Advanced Meter Opt-out.

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges:

	Summer Period	Winter Period	
1. Base Rate			
(a) Customer Charge	\$13.00 per month	\$13.00 per month	
(b) Energy Charge			
Critical Peak kilowatt-hours	\$0.248559 <u>0.256938</u>	\$0.248559 <u>0.256938</u> per	(I)
On Peak kilowatt-hours	\$0.149126 <u>0.157505</u>	\$0.149126 <u>0.157505</u> per	(I)
Off Peak kilowatt-hours	\$0.099417 <u>0.107796</u>	\$0.099417 <u>0.107796</u> per	(I)
Discount kilowatt-hours	\$0.079534 <u>0.087913</u>	\$0.079534 <u>0.087913</u> per	(I)
	per kWh	kWh	

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KY.P.S.C. Electric No. 2
First Revised Sheet No 35
Cancels and Supersedes
Original Sheet No. 35
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NET MONTHLY BILL(Cont'd)

~~(N)~~

2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge as shown above.

DETERMINATION OF CRITICAL PEAK PRICING

Under this schedule, participating customers have the opportunity to lower their electric bill by reducing their electric usage during certain hours on Company-designated Critical Peak Days. Critical peak pricing is effective during the hours designated below on Critical Peak Days. The designation of a Critical Peak Day will be posted daily on the Company website as the official customer notification. Additionally, the designation of a Critical Peak Day will be communicated at Customer's option to Customer through email and/or text message. Customer must provide to Company through a Company designated system, and maintain at Customer's expense, the email address and/or text number. The Company will determine Critical Peak Days, at its discretion, subject to the following:

Critical Peak Days are limited to 10 days per calendar year unless a system emergency occurs that is expected to place the Company's ability to provide reliable service to customers at risk. If such a system emergency occurs and Company has already implemented 10 Critical Peak Days, additional Critical Peak Day(s) may be implemented.

BILLING PERIODS

For purposes of administration of the above charges, the summer period is defined as the period May 1 through September 30. The winter period is defined as the period October 1 through April 30.

RATING PERIODS

The rating periods applicable to the above kilowatt-hour charges are as follows:

- a) Discount Period – 1 a.m. to 6:00 a.m. Monday through Sunday.
- b) Summer On Peak Period - 2:00 p.m. to 8:00 p.m. Monday through Friday, excluding holidays during the Summer Period as designated above.
- c) Winter On Peak Period - 6:00 a.m. to 9:00 a.m. and 6:00 p.m. to 9:00 p.m. Monday through Friday, excluding holidays during the Winter Period as designated above.

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Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

RATING PERIODS (Cont'd)

- d) Critical Peak Period – Critical Peak charges will be effective during the Summer On Peak and Winter On-Peak Periods on days designated as Critical Peak Days. The Critical Peak Period for a Winter Critical Peak Day may be adjusted to any 6 hour period between 6:00 a.m. and 9 p.m. as needed and as specified by Company and communicated to Customer. Critical Peak periods may be implemented by Company Monday through Friday, excluding holidays, and any day when there is a system emergency.
- e) Off Peak Period - All hours Monday through Friday not included above plus all hours not in the Discount Period on Saturday and Sunday as well as New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day or on the day nationally designated to be celebrated as such.

Notification of Critical Peak Day Pricing

The Company will strive to notify customers of a Critical Peak Day on the Company website, as the official notification, by 4:00 p.m. the prior day. The Company will use its best efforts to notify customers through the optional email and/or text information provided by 4:00 p.m. on the prior day for Critical Peak Days; however, notification of Critical Peak Days can occur at any time, but no later than one hour prior to the Critical Peak period. Receipt of the peak pricing notification is the Customer's responsibility.

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 2.3%, is due and payable. Customers who receive a pledge for or notice of low income assistance from an authorized agency, or another public or charitable source, will not be assessed or required to pay a late payment charge for the current bill for which the pledge or notice is received. An authorized agency is an organization in Kentucky that administers federal Low-Income Home Energy Assistance Programs and/or the Home Energy Assistance Programs offered by Duke Energy Kentucky.

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's Service Regulations.

The initial term of service under this rate is one (1) year. If the customer desires to cancel service under this tariff before completion of the initial term, Company, at its option, may grant the request and rebill the customer on Rate RS for all months billed on Rate RS-TOU-CPP. The rebilling process will eliminate the bill impacts accrued under Rate RS-TOU-CPP as compared to Rate RS, the Company's standard residential rate.

Where the Company is denied access to test, repair, or replace the customer's smart meter, as applicable, for more than two (2) consecutive months, the Company may, after notifying the customer, place the customer on the Company's standard residential rate. If the Company moves the customer to the standard rate, the customer shall not be billed for savings accrued.

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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(N)

Duke Energy Kentucky, Inc.
 1262 Cox Road
 Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
~~Thirteenth-Fourteenth~~ Revised Sheet No. 40
 Cancels and Supersedes
~~Twelfth-Thirteenth~~ Revised Sheet No. 40
 Page 1 of 4

RATE DS

SERVICE AT SECONDARY DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and the Company determines that facilities of adequate capacity are available 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.

TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase at the 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, and all applicable riders, shall not exceed \$0.293673 per kilowatt-hour (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate				
(a) Customer Charge per month				
Single Phase Service	\$ 15.00	per month		
Three Phase Service	\$ 30.00	per month		
(b) Demand Charge				
First 15 kilowatts	\$ 0.00	per kW		
Additional kilowatts	\$ 10.21	per kW		(I)
(c) Energy Charge				
First 6,000 kWh	\$ 0.1011880 <u>1.09567</u>	per kWh		(I)
Next 300 kWh/kW	\$ 0.0628040 <u>0.071180</u>	per kWh		(I)
Additional kWh	\$ 0.0517540 <u>0.060130</u>	per kWh		(I)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

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NET MONTHLY BILL (Contd.)

For customers receiving service under the provisions of former Rate C, Optional Rate for Churches, as of June 25, 1981, the maximum monthly rate per kilowatt-hour shall not exceed \$0.180289 per kilowatt-hour plus all applicable riders. (±)

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.

METERING

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 the higher of the following:

- a) 85% of the highest monthly kilowatt demand established in the summer period and effective for the next succeeding eleven (11) months; or
- b) One (1) kilowatt for single phase secondary voltage service and five (5) kilowatts for three phase secondary voltage service.

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.

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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.

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 2.3%, is due and payable.

(R)

TERMS AND CONDITIONS

The initial term of contract shall be for a minimum period of three (3) years terminable thereafter by a minimum notice of either the customer or the Company as prescribed by the Company's Service Regulations.

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.

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TERMS AND CONDITIONS (Contd.)

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.

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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KY.P.S.C. Electric No. 2
~~Thirteenth-Fourteenth~~ Revised Sheet No.
 Cancels and Supersedes
~~Twelfth-Thirteenth~~ Revised Sheet No. 41
 Page 1 of 4

RATE DT

TIME-OF-DAY RATE FOR SERVICE AT DISTRIBUTION VOLTAGE

APPLICABILITY

Applicable to electric service for customers with an average monthly demand of 500 kilowatts or greater where the Company specifies service at a nominal distribution system voltage of 34,500 volts or lower, 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 is not applicable for resale service.

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 (kilowatt of demand abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Base Rate

(a) Customer Charge

Single Phase	\$ 63.50	per month	
Three Phase	\$127.00	per month	
Primary Voltage Service	\$138.00	per month	

(b) Demand Charge

Summer

On Peak kW	\$ 14.02	per kW	(R)
Off Peak kW	\$ 1.26	per kW	(R)

Winter

On Peak kW	\$ 13.26	per kW	(R)
Off Peak kW	\$ 1.26	per kW	(R)

Distribution kW

\$ 6.23	per kW	(R)
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(c) Energy Charge

Summer On Peak kWh	\$0.045679 <u>\$0.054058</u>	per kWh	(R) (I)
Winter On Peak kWh	\$0.043669 <u>\$0.052048</u>	per kWh	(R) (I)
Off Peak kWh	\$0.037671 <u>\$0.046050</u>	per kWh	(R) (I)

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NET MONTHLY BILL (Contd.)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
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Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge, as stated above.

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.

For purposes of administration of the above Base Rate charges, the summer period is defined as the period June 1 through September 30. The winter period is defined as the period October 1 through May 31.

(+)
(+)

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 primary voltage, kilowatt hours registered on the Company's meter will be reduced one and one-half percent (1.5%) for billing purposes.

If the customer furnishes primary voltage transformers and appurtenances, in accordance with the Company's specified design and maintenance criteria, the Demand Charge, as stated above, shall be reduced as follows:

(+)
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First 1,000 kW of On Peak billing demand at \$0.71 per kW.
Additional kW of On Peak billing demand at \$0.55 per kW.

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. The Distribution billing demand shall be the kilowatts derived from the Company's demand meter for the fifteen minute period of greatest use in the rating period adjusted for power factor as provided herein.

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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 2.3%, is due and payable.

(+)

TERMS AND CONDITIONS

The initial term of contract shall be for a period of three (3) years for secondary voltage service and five (5) years for primary voltage service terminable thereafter by a minimum notice of either the customer or the Company as follows:

- (1) For secondary voltage service customers, as prescribed by the Company's Service Regulations.
- (2) For primary voltage service customers with a most recent twelve month average demand of less than 10,000 kVA or greater than 10,000 kVA, written notice of thirty (30) days or twelve (12) months respectively, after receipt of the written notice.

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 service, in accordance with its

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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.

TERMS AND CONDITIONS (Contd.)

For purposes of the 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 demand is less than 500 kilowatts and the Company expects the customer's demand to remain below 500 kilowatts, then the Company will notify the customer prior to May of the succeeding year that the provisions of Rate DS, Service at Secondary Distribution Voltage or Rate DP, Service at Primary Distribution Voltage shall be applicable initiating with the June revenue month billing and shall continue until the term of service of that rate is fulfilled. In the case where a customer's average demand is estimated by the Company to be significantly greater 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.

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.

(P)

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RATE EH

OPTIONAL RATE FOR ELECTRIC SPACE HEATING

APPLICABILITY

Applicable to electric service for heating when customer's wiring is so arranged that heating service can be furnished at one point of delivery and can be metered separately from all other types of service or to any public school, parochial school, private school, or church when supplied at one point of delivery, provided permanently connected and regularly used electrical equipment is installed in compliance with the Company specifications as the primary source of heating or heating and cooling the atmosphere to temperatures of human comfort; and provided all other electrical energy requirements are purchased from the Company. No single water heating unit shall be wired that the demand established by it can exceed 5.5 kilowatts unless approved by the Company.

TYPE OF SERVICE

Alternating current 60 Hz, single 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 (kilowatts of demand are abbreviated as kW and kilowatt-hours are abbreviated as kWh):

A. Winter Period

1. Base Rate

(a) Customer Charge

Single Phase Service	\$ 15.00 per month
Three Phase Service	\$ 30.00 per month
Primary Voltage Service	\$ 117.00 per month

(b) Energy Charge

All kWh ~~\$0.0784140~~ \$0.086793 per kWh (I)

2. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 78, Rider DSMR, Demand Side Management Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge stated above.

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NET MONTHLY BILL (Contd.)

B. Summer Billing Period

For energy used during the summer period, the kilowatt demand and kilowatt-hour use shall be billed in accordance with the provisions of the applicable Rate DS or Rate DP.

For purposes of administration of the above charges, 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.

DEMAND

Customer's Demand will be the kilowatts as determined from Company's meter for the fifteen-minute period of customer's greatest use during the month or as calculated by the Company, but not less than five (5) kilowatts.

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 2.3%, is due and payable.

~~(R)~~

TERMS AND CONDITIONS

The term of contract shall be for a minimum period of 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 Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission, as provided by law.

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RATE SP

SEASONAL SPORTS SERVICE

APPLICABILITY

Applicable to electric service required for sports installations, such as football and baseball fields, swimming pools, tennis courts, and recreational areas, promoted, operated and maintained by non-profit organizations, such as schools, churches, civic clubs, service clubs, community groups, and municipalities, where such service is separately metered and supplied at one point of delivery, except, not applicable to private sports installations which are not open to the general public.

TYPE OF SERVICE

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

NET MONTHLY BILL

Computed in accordance with the following charges (kilowatt hours are abbreviated as kWh):

1. Base Rate
 - (a) Customer Charge \$15.00 per month
 - (b) Energy Charge ~~\$0.123760~~ 0.132139 per kWh (I)
2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be a sum equal to 1.5% of the Company's installed cost of transformers and metering equipment required to supply and measure service, but not less than the customer charge whether service is on or disconnected.

RECONNECTION CHARGE

A charge per Sheet No. 91, Charge for Reconnection of Service is applicable to each season to cover in part the cost of reconnection of service.

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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 2.3%, is due and payable.

~~(P)~~

TERMS AND CONDITIONS

The term of contract shall be for a minimum period of 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 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 \$~~0.1030340~~.111413 per kWh (I)
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$~~0.1184490~~.126828 per kWh (I)

2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

Minimum: \$3.65 per Fixed Load Location per month. -(I)

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 2.3%, is due and payable. -(R)

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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, and all applicable riders shall not exceed \$0.285662 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)	\$ 117.00	per month	
 (b) Demand Charge			
All kilowatts	\$ 9.37	per kW	(I)
 (c) Energy Charge			
First 300 kWh/kW	\$0.062178 <u>\$0.070557</u>	per kWh	(I)
Additional kWh	\$0.052875 <u>\$0.061254</u>	per kWh	(I)

2. Applicable Riders

- The following riders are applicable pursuant to the specific terms contained within each rider:
- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 - Sheet No. 78, Rider DSMR, Demand Side Management Rider
 - Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 - Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

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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 2.3%, is due and payable.

(R)

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.

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 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	\$ 9.08 per kW		(+)
	Off Peak kW	\$ 1.38 per kW		(+)
	Winter			
	On Peak kW	\$ 7.45 per kW		(+)
	Off Peak kW	\$ 1.38 per kW		(+)
	(c) Energy Charge			
	Summer			
kWh	On Peak kWh	\$ 0.0568640.065243	per	(I)
				(I)
	Off Peak kWh	\$ 0.0468690.055248	per	(I)
kWh				(I)
	Winter			
	On Peak kWh	\$ 0.0543600.062739	per	(I)

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kWh
Off Peak kWh \$ ~~0.0468690.055248~~ per
kWh

NET MONTHLY BILL (Contd.)

2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 78, Rider DSMR, Demand Side Management Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months.

For purposes of administration of the above charges, the summer is defined as that period June 1 through September 30. The winter period is defined as that period October 1 through May 31.



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.

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Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

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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

POWER FACTOR ADJUSTMENT (Contd.)

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 2.3%, is due and payable.

~~(R)~~

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.

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.

~~(T)~~

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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. (⊕)

This rate schedule is no longer available after December 31, 2006. 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 when 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, absent unusual circumstances, replace burned-out lamps within three (3) business days 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

<u>OVERHEAD DISTRIBUTION AREA</u>	<u>Lamp</u>		<u>Annual</u>		
Fixture Description	<u>Watt</u>	<u>kW/Unit</u>	<u>kWh</u>	<u>Rate/Unit</u>	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 40.54 <u>11.10</u>	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 8.84 <u>9.44</u>	(I)
10,000 lumen	250	0.275	1,144	\$ 42.22 <u>13.02</u>	(I)
21,000 lumen	400	0.430	1,789	\$ 16.40 <u>17.65</u>	(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$ 40.54 <u>11.10</u>	(I)
20,500 lumen	250	0.275	1,144	\$ 42.22 <u>13.02</u>	(I)
36,000 lumen	400	0.430	1,789	\$ 16.40 <u>17.65</u>	(I)
Sodium Vapor					
9,500 lumen	100		487	\$	(I)
		0.117		41.59 <u>11.93</u>	
9,500 lumen (Open Refractor)	100	0.117	487	\$ 8.73 <u>9.07</u>	(I)
16,000 lumen	150		711	\$	(I)
		0.171		42.68 <u>13.18</u>	
22,000 lumen	200		948	\$	(I)
		0.228		46.45 <u>17.11</u>	
27,500 lumen	250		948	\$	(I)
		0.275		46.45 <u>17.11</u>	
50,000 lumen	400		1,959	\$	(I)
		0.471		22.24 <u>23.61</u>	
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100		487	\$	(I)
		0.117		44.40 <u>14.74</u>	
22,000 lumen (Rectilinear)	200		1,023	\$	(I)
		0.246		47.88 <u>18.59</u>	
50,000 lumen (Rectilinear)	400		1,959	\$	(I)
		0.471		23.77 <u>25.14</u>	
50,000 lumen (Setback)	400		1,959	\$	(I)
		0.471		35.18 <u>36.55</u>	

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: \$0.76. (+)

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NET MONTHLY BILL (Contd.)

<u>UNDERGROUND DISTRIBUTION AREA</u>	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.210	874	\$ 40.74 <u>11.35</u>	(I)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 8.84 <u>9.44</u>	(I)
10,000 lumen	250	0.292	1,215	\$ 42.44 <u>13.29</u>	(I)
21,000 lumen	400	0.460	1,914	\$ 16.84 <u>18.15</u>	(I)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 40.74 <u>11.35</u>	(I)
20,500 lumen	250	0.292	1,215	\$ 42.44 <u>13.29</u>	(I)
36,000 lumen	400	0.460	1,914	\$ 16.84 <u>18.15</u>	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 11.59 <u>11.93</u>	(I)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 8.85 <u>9.19</u>	(I)
16,000 lumen	150	0.171	711	\$ 42.64 <u>13.14</u>	(I)
22,000 lumen	200	0.228	948	\$ 16.45 <u>17.11</u>	(I)
27,500 lumen	250	0.318	1,323	\$ 16.52 <u>17.44</u>	(I)
50,000 lumen	400	0.471	1,959	\$ 22.24 <u>23.61</u>	(I)
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 11.40 <u>11.70</u>	(I)
7,000 lumen (Holophane)	175	0.210	874	\$ 13.94 <u>14.52</u>	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 34.64 <u>32.22</u>	(I)
7,000 lumen (Granville)	175	0.205	853	\$ 11.22 <u>11.82</u>	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 20.07 <u>20.68</u>	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 11.09 <u>11.69</u>	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 20.07 <u>20.68</u>	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 34.72 <u>32.33</u>	(I)
14,500 lumen (Gas Replica)	175	0.207	861	\$ 34.72 <u>32.32</u>	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 16.08 <u>16.42</u>	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 17.42 <u>17.79</u>	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 42.76 <u>13.10</u>	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 32.69 <u>33.06</u>	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 20.28 <u>20.65</u>	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 16.08 <u>16.42</u>	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 20.28 <u>20.65</u>	(I)

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NET MONTHLY BILL (Contd.)

UNDERGROUND DISTRIBUTION AREA
 (Contd.)

Fixture Description	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
Decorative Fixtures (Contd.)					
Sodium Vapor (Contd.)					
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 47.97 18.68	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 23.85 25.22	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$ 35.48 36.55	(I)

POLE CHARGES

Pole Description	<u>Pole Type</u>	<u>Rate/Pole</u>	
Wood			
17 foot (Wood Laminated) (a)	W17	\$ 6.44	⊕
30 foot	W30	\$ 6.36	⊕
35 foot	W35	\$ 6.44	⊕
40 foot	W40	\$ 7.72	⊕
Aluminum			
12 foot (decorative)	A12	\$ 17.52	⊕
28 foot	A28	\$ 10.16	⊕
28 foot (heavy duty)	A28H	\$ 10.26	⊕
30 foot (anchor base)	A30	\$ 20.28	⊕
Fiberglass			
17 foot	F17	\$ 6.44	⊕
12 foot (decorative)	F12	\$ 18.83	⊕
30 foot (bronze)	F30	\$ 12.26	⊕
35 foot (bronze)	F35	\$ 12.59	⊕
Steel			
27 foot (11 gauge)	S27	\$ 16.56	⊕
27 foot (3 gauge)	S27H	\$ 24.44	⊕

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: \$1.10. ⊕

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.

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2. Base Fuel Cost

The rates per unit shown above include a charge of \$~~0.0254010~~0.033780 per kilowatt-hour reflecting the base (I) cost of fuel.

3. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

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 2.3%, is due and payable. (R)

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.

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GENERAL CONDITIONS (Contd.)

- (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 Company owned street lighting unit and/or pole reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit and/or pole with an available similar LED lighting unit and/or pole and the Customer shall commence being billed on Rate LED for the available similar lighting unit and/or pole rate and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit and/or pole installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated. ⊕ ⊕ ⊕ ⊕ ⊕ ⊕ ⊕
- (7) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts. ⊕ ⊕ ⊕ ⊕ ⊕

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 \$~~0.0578150~~0.066194 (I)
per ~~—~~ kilowatt-hour. (T)

2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
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 2.3%, is due and payable. (R)

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.

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 an 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. (T)

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 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. (T)

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 | \$ 0.0569570.065336 per kWh | (I) |

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NET MONTHLY BILL (Contd.)

- 2. Applicable Riders
The following riders are applicable pursuant to the specific terms contained within each rider:
 - Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 - Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 - 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 2.3%, is due and payable.

(R)

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 customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. 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.

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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.

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Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
~~Fifth-Sixth~~ Revised Sheet No. 64
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RATE LED

LED OUTDOOR LIGHTING ELECTRIC SERVICE

APPLICABILITY

To any customer seeking unmetered roadway or other unmetered outdoor illumination from Company owned LED technology. Customer must be adjacent to an electric power line of Company that is adequate and suitable for supplying the necessary electric service. Specific program technologies, services, pricing, and requirements are addressed below. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the agreement executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party. (⊕)

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

CHARACTER OF SERVICE

The Company will provide automatically controlled unmetered lighting service, alternating current, 60 cycle, single phase, at the Company's standard voltage available. This service may include "smart" lighting technologies.

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 LED System kilowatt-hour usage shall be determined by the number of lamps and other LED System particulars as defined in the 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

All unmetered lighting systems, under this rate schedule, will be operated automatically. Annual estimated operating hours for dusk-to-dawn levels will be based on regional National Weather Service hours for sunrise and sunset times. 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 charges:

- 1. Base Rate
All kWh \$~~0.0569570~~ 0.065336 per kWh (I)

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NET MONTHLY BILL (Contd.)

Energy charge based on the following calculation:

- a. Lamp watts plus ballast wattage equals impact watts
- b. Watts times estimated annual burn hours as set in agreement equals annual watt hours
- c. Annual watt hours divided by 1000 hours equals annual kilowatt hours (kWh)
- d. Annual kWh divided by twelve (12) months equals monthly kWh
- e. Monthly kWh times current rate per kWh = monthly dollar amount per luminaire

The rate shown above includes a charge of ~~\$0.025404~~ **\$0.033780** per kilowatt-hour reflecting the base cost of fuel. 2. Applicable Riders

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

- Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
- Sheet No. 80, Rider FAC, Fuel Adjustment Clause
- Sheet No. 82, Rider PSM, Profit Sharing Mechanism

3. Monthly Maintenance, Fixture, Pole, Pole Foundation, Brackets, and Wiring Equipment Charges:

I. Fixtures				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
LED NB 50	50W Neighborhood	5,000	50	17	\$4.25	\$2.90
LED NBL 50	50W Neighborhood with Lens	5,000	50	17	\$4.30	\$2.90
LED RDW 50	50W Standard LED	4,521	50	17	\$3.93	\$2.90
LED RDW 70	70W Standard LED	6,261	70	24	\$4.32	\$2.90
LED RDW 110	110W Standard LED	9,336	110	38	\$4.89	\$2.90
LED RDW 150	150W Standard LED	12,642	150	52	\$4.94	\$2.90
LED RDW 220	220W Standard LED	18,642	220	76	\$6.46	\$3.54
LED RDW 280	280W Standard LED	24,191	280	97	\$6.51	\$3.54
LED ACS 50	50W Acorn LED	5,147	50	17	\$11.98	\$2.90
LED DA 50	50W Deluxe Acorn LED	5,147	50	17	\$13.36	\$2.90
LED ODA 70	70W LED Open Deluxe Acorn	6,500	70	24	\$13.75	\$2.90
LED TR 50	50W Traditional LED	3,303	50	17	\$6.45	\$2.90
LED OT 50	50W Open Traditional LED	3,230	50	17	\$6.72	\$2.90
LED MB 50	50W Mini Bell LED	4,500	50	17	\$12.30	\$2.90
LED EN 50	50W Enterprise LED	3,880	50	17	\$11.80	\$2.90

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I. Fixtures (Contd.)				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
LED SAN 70	70W Sanibel LED	5,508	70	24	\$15.00	\$2.90
LED SAN 150	150W Sanibel LED	12,500	150	52	\$15.63	\$2.90
LED LD 150	150W LED Teardrop	12,500	150	52	\$18.80	\$2.90
LED LDP 50	50W LED Teardrop Pedestrian	4,500	50	17	\$15.36	\$2.90
LED SBX 220	220W LED Shoebox	18,500	220	76	\$11.66	\$3.54
LED SBX 420	420W LED Shoebox	39,078	420	146	\$17.31	\$3.54
LSBX530	530W LED Shoebox	57,000	530	184	\$19.95	\$3.54
LCL150	150W Clermont LED	12,500	150	52	\$20.51	\$2.90
LFL130	130W Flood LED	14,715	130	45	\$7.37	\$2.90
LFL260	260W Flood LED	32,779	260	90	\$11.50	\$3.54
LMO050	50W Monticello LED	4,157	50	17	\$13.81	\$2.90
LMT050	50W Mitchell Finial	5,678	50	17	\$13.15	\$2.90
LMTR050	50W Mitchell Ribs, Bands, and Medallions LED	5,678	50	17	\$14.37	\$2.90
LMTT050	50W Mitchell Top Hat LED	5,678	50	17	\$13.15	\$2.90
LMTL050	50W Mitchell Top Hat with Ribs, Bands, and Medallions LED	5,678	50	17	\$14.37	\$2.90
LOMO050	50W Open Monticello LED	4,157	50	17	\$13.75	\$2.90
TBD	150W LED Shoebox	19,000	150	52	\$10.73	\$2.90
TBD	50W Sanibel LED	6,000	50	17	\$14.23	\$2.90
TBD	40W Acorn No Finial LED	5,000	40	14	\$11.48	\$2.90
TBD	50W Ocala Acorn LED	6,582	50	17	\$6.87	\$2.90
TBD	50W Deluxe Traditional LED	5,057	50	17	\$13.12	\$2.90
TBD	30W Town & Country LED	3,000	30	10	\$5.47	\$2.90
TBD	30W Open Town & Country LED	3,000	30	10	\$5.21	\$2.90
TBD	150W Enterprise LED	16,500	150	52	\$11.72	\$2.90
TBD	220W Enterprise LED	24,000	220	76	\$12.06	\$3.54
TBD	50W Clermont LED	6,300	50	17	\$19.12	\$2.90

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I. Fixtures (Contd.)				Per Unit Per Month		
Billing Type	Description	Initial Lumens	Lamp Wattage	Monthly kWh	Fixture	Maintenance
TBD	30W Gaslight Replica LED	3,107	30	10	\$21.81	\$2.90
TBD	50W Cobra LED	5,500	50	17	\$4.27	\$2.90
TBD	70W Cobra LED	8,600	70	24	\$4.43	\$2.90

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II. Poles		Charge per Month per Unit
Billing Type	Description	
A12A	Style A 12 Ft Long Anchor Base Top Tenon Aluminum	\$9.67
A15D	Style A 15 Ft Long Direct Buried Top Tenon Aluminum	\$9.00
A15A	Style A 15 Ft Long Anchor Base Top Tenon Aluminum	\$11.22
A18D	Style A 18 Ft Long Direct Buried Top Tenon Aluminum	\$9.21
A17A	Style A 17 Ft Long Anchor Base Top Tenon Aluminum	\$11.96
A25D	Style A 25 Ft Long Direct Buried Top Tenon Aluminum	\$12.17
A22A	Style A 22 Ft Long Anchor Base Top Tenon Aluminum	\$15.09
A30D	Style A 30 Ft Long Direct Buried Top Tenon Aluminum	\$13.82
A27A	Style A 27 Ft Long Anchor Base Top Tenon Aluminum	\$20.18
A35D	Style A 35 Ft Long Direct Buried Top Tenon Aluminum	\$16.05
A32A	Style A 32 Ft Long Anchor Base Top Tenon Aluminum	\$20.71
A41D	Style A 41 Ft Long Direct Buried Top Tenon Aluminum	\$19.65
A12B	Style B 12 Ft Long Anchor Base Post Top Aluminum	\$10.99
A12C	Style C 12 Ft Long Anchor Base Post Top Aluminum	\$13.37
S12V	Style C 12 Ft Long Anchor Base Davit Steel	\$16.20
S14C	Style C 14 Ft Long Anchor Base Top Tenon Steel	\$15.28
S21V	Style C 21 Ft Long Anchor Base Davit Steel	\$34.13
S23C	Style C 23 Ft Long Anchor Base Boston Harbor Steel	\$39.64
A12R	Style D 12 Ft Long Anchor Base Breakaway Aluminum	\$12.76
A12E	Style E 12 Ft Long Anchor Base Post Top Aluminum	\$13.37
A12I	Style F 12 Ft Long Anchor Base Post Top Aluminum	\$16.30
A39T	Legacy Style 39 Ft Direct Buried Single or Twin Side Mount Aluminum Satin Finish	\$21.67

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II. Poles (Contd.)		
Billing Type	Description	Charge per Month per Unit
A27S	Legacy Style 27 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish Breakaway	\$21.18
A33S	Legacy Style 33 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish Breakaway	\$22.14
A37S	Legacy Style 37 Ft Long Anchor Base Side Mount Aluminum Pole Satin Finish	\$24.45
W30	30' Class 7 Wood Pole	\$6.71
W35	35' Class 5 Wood Pole	\$7.50
W40	40' Class 4 Wood Pole	\$8.50
W45	45' Class 4 Wood Pole	\$8.85
A15J	15' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole	\$10.40
A20J	20' Style A - Fluted - for Shroud - Aluminum Direct Buried Pole	\$10.92
A15K	15' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole	\$9.00
A20K	20' Style A - Smooth - for Shroud - Aluminum Direct Buried Pole	\$10.62
TBD	21' Style A - Fluted - Direct Buried	\$14.89
TBD	30' Style A - Transformer Base - Anchor Base	\$22.56
TBD	35' Style A - Transformer Base - Anchor Base	\$25.40
TBD	19' Style A - Breakaway - Direct Buried	\$20.25
TBD	24' Style A - Breakaway - Direct Buried	\$21.43
TBD	27' Style A - Breakaway - Direct Buried	\$20.49
TBD	32' Style A - Breakaway - Direct Buried	\$20.98
TBD	37' Style A - Breakaway - Direct Buried	\$22.33
TBD	42' Style A - Breakaway - Direct Buried	\$23.08
TBD	17' Style B - Anchor Base	\$15.57
TBD	17' Style C - Post Top - Anchor Base	\$16.80
TBD	17' Style C - Davit - Anchor Base	\$26.57
TBD	17' Style C - Boston Harbor - Anchor Base	\$25.91
TBD	25' Style D - Boston Harbor - Anchor Base	\$30.21
TBD	50' Wood - Direct Buried	\$11.02
TBD	55' Wood - Direct Buried	\$11.61

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II. Poles (Contd.)		
Billing Type	Description	Charge per Month per Unit
TBD	18' Style C - Breakaway - Direct Buried	\$22.97
TBD	17' Wood Laminated*	\$6.85
TBD	12' Aluminum (decorative)*	\$18.61
TBD	28' Aluminum*	\$10.79
TBD	28' Aluminum (heavy duty)*	\$10.91
TBD	30' Aluminum (anchor base)*	\$21.56
TBD	17' Fiberglass*	\$6.85
TBD	12' Fiberglass (decorative)*	\$20.01
TBD	30' Fiberglass (bronze)*	\$13.03
TBD	35' Fiberglass (bronze)*	\$13.38
TBD	27' Steel (11 gauge)*	\$17.60
TBD	27' Steel (3 gauge)*	\$25.97
A Pole Shroud	Shroud - Standard Style for anchor base poles	\$2.81
B Pole Shroud	Shroud - Style B Pole for smooth and fluted poles	\$6.67
C Pole Shroud	Shroud - Style C Pole for smooth and fluted poles	\$8.33
D Pole Shroud	Shroud - Style D Pole for smooth and fluted poles	\$10.29
TBD	Shroud - Style B – Assembly	\$8.72
TBD	Shroud - Style C – Assembly	\$10.25
TBD	Shroud - Style D – Assembly	\$12.49
TBD	Shroud - Style Standard - Assembly 6"/15"	\$4.87
TBD	Shroud - Style Standard - Assembly 6"/18"	\$5.30

*Poles not available for installation. Poles are migrated from other rates upon fixture replacement with LED.

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III. Pole Foundations		
Billing Type	Description	Charge per Month per Unit
FND-Flush-A	Flush - Pre-fabricated - Style A Pole	\$13.78
FND-Flush-B	Flush - Pre-fabricated - Style B Pole	\$12.71
FND-Flush-C	Flush - Pre-fabricated - Style C Pole	\$13.64
FND-Flush-D	Flush - Pre-fabricated - Style D Pole	\$12.71
FND-Flush-E	Flush - Pre-fabricated - Style E Pole	\$12.71
FND-Flush-F	Flush - Pre-fabricated - Style F Pole	\$12.71
FND-Reveal-A	Reveal - Pre-fabricated - Style A Pole	\$19.40
FND-Reveal-B	Reveal - Pre-fabricated - Style B Pole	\$15.43
FND-Reveal-C	Reveal - Pre-fabricated - Style C Pole	\$16.01
FND-Reveal-D	Reveal - Pre-fabricated - Style D Pole	\$16.01
FND-Reveal-E	Reveal - Pre-fabricated - Style E Pole	\$16.01
FND-Reveal-F	Reveal - Pre-fabricated - Style F Pole	\$16.01
FND-Screw-in	Screw-in Foundation	\$8.25

IV. Brackets		
Billing Type	Description	Charge per Month per Unit
BKT-Wood-14in	14 inch bracket - wood pole - side mount	\$2.00
BKT-Wood-4ft	4 foot bracket - wood pole - side mount	\$2.24
BKT-Wood-6ft	6 foot bracket - wood pole - side mount	\$2.21
BKT-Wood-8ft	8 foot bracket - wood pole - side mount	\$2.99
BKT-Wood-10ft	10 foot bracket - wood pole - side mount	\$4.94
BKT-Wood-12ft	12 foot bracket - wood pole - side mount	\$4.50
BKT-Wood-15ft	15 foot bracket - wood pole - side mount	\$5.25
BKT-Side-4ft	4 foot bracket - metal pole - side mount	\$5.32
BKT-Side-6ft	6 foot bracket - metal pole - side mount	\$5.40
BKT-Side-8ft	8 foot bracket - metal pole - side mount	\$6.70
BKT-Side-10ft	10 foot bracket - metal pole - side mount	\$7.06
BKT-Side-12ft	12 foot bracket - metal pole - side mount	\$6.46

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IV. Brackets (Contd.)		
Billing Type	Description	Charge per Month per Unit
BKT-Side-15FT	15 foot bracket - metal pole - side mount	\$7.70
BKT-Tenon-18in-DBL	18 inch bracket - metal pole - double Flood Mount - top mount	\$2.14
BKT-Tenon-14In	14 inch bracket - metal pole - single mount - top tenon	\$2.27
BKT-Tenon-14in DBL	14 inch bracket - metal pole - double mount - top tenon	\$2.45
BKT-Tenon-14in TPL	14 inch bracket - metal pole - triple mount - top tenon	\$2.61
BKT-Tenon-14in Quad	14 inch bracket - metal pole - quad mount - top tenon	\$2.72
BKT-Tenon-6ft	6 foot - metal pole - single - top tenon	\$5.04
BKT-Tenon-6ft DBL	6 foot - metal pole - double - top tenon	\$6.39
BKT-Tenon-4ft BH	4 foot - Boston Harbor - top tenon	\$7.31
BKT-Tenon-6ft BH	6 foot - Boston Harbor - top tenon	\$7.69
BKT-Tenon-12t BH	12 foot - Boston Harbor Style C pole double mount - top tenon	\$13.16
BKT-Tenon-4ft Davit	4 foot - Davit arm - top tenon	\$6.67
BKT-Wood-18in-CH	18 inch - Cobrahead fixture for wood pole	\$1.89
BKT-Wood-18in-FL	18 inch - Flood light for wood pole	\$2.08
TBD	18" Metal - Flood - Bullhorn - Top Tenon	\$2.56
TBD	4' Transmission - Top Tenon	\$9.44
TBD	10' Transmission - Top Tenon	\$10.88
TBD	15' Transmission - Top Tenon	\$11.97
TBD	18" Transmission - Flood - Top Tenon	\$5.03
TBD	3' Shepherds Crook - Single - Top Tenon	\$4.77
TBD	3' Shepherds Crook w/ Scroll - Single - Top Tenon	\$5.29
TBD	3' Shepherds Crook - Double - Top Tenon	\$6.76
TBD	3' Shepherds Crook w/ Scroll - Double - Top Tenon	\$7.59
TBD	3' Shepherds Crook w/ Scroll & Festoon - Single - Top Tenon	\$5.54
TBD	3' Shepherds Crook w/ Scroll - Wood - Top Tenon	\$6.60
TBD	17" Masterpiece - Top Tenon - Double Post Mount - Top Tenon	\$5.27

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V. Wiring Equipment		
Billing Type	Description	Charge per Month per Unit
MISC-Sec-PED	Secondary Pedestal (cost per unit)	\$2.55
MISC-Handhole	Handhole (cost per unit)	\$3.67
TBD	Pullbox	\$9.30
CABLE-6AL-Trench	6AL DUPLEX and Trench (cost per foot)	\$1.16
CABLE-6AL-Trench-Conduit	6AL DUPLEX and Trench with conduit (cost per foot)	\$1.34
CABLE-6AL-Existing Conduit	6AL DUPLEX with existing conduit (cost per foot)	\$0.85
CABLE-6AL-Bore-Conduit	6AL DUPLEX and Bore with conduit (cost per foot)	\$2.89
WIRE-6AL	6AL DUPLEX OH wire (cost per foot)	\$2.72

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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 2.3%, is due and payable.

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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. Customer may also pay monthly for such extension, relocation, or rearrangement as described below under Terms of Service. 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 streets and highways or on 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 customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. The Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with 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.

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TERMS OF SERVICE

1. Service under this rate schedule shall be for a minimum initial term of ten (10) years from the commencement of service and shall continue thereafter until terminated by either party by sixty (60) days prior written notice of termination. Upon early termination of service under this schedule, the customer shall pay an amount equal to the remaining monthly lease amount for the term of agreement and removal cost of the facilities. After the minimum initial term is complete, customers are permitted to replace lighting equipment with other options on this Rate LED or other available Company lighting tariffs without a termination charge.
2. Where the Company provides a LED fixture, pole type or equipment other than those listed above, the monthly charges, as applicable shall be computed as follows:
 - I. Fixture
 - a. Fixture Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
 - b. Maintenance Charge: Based on the Company's average cost of performing maintenance on lighting equipment.

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- II. Pole
 - a. Pole Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
- III. Other Equipment
 - a. Equipment Charge: Based on the Company's average installed cost including overhead/loadings, applicable property tax, applicable income tax, depreciation and rate of return.
- 3. The customer shall be responsible for the cost incurred to repair or replace any fixture or pole which has been willfully damaged. The Company shall not be required to make such repair or replacement or to make payment to the customer for damage.
- 4. KWh consumption for Company-owned fixtures shall be estimated in lieu of installing meters. Monthly kWh estimates will be made using the following formula:
$$\text{kWh} = \text{Unit Wattage} \times (4160 \text{ hours per year} / 12 \text{ months}) / 1,000.$$
- 5. No Pole Charge shall be applicable for a fixture installed on a company-owned pole which is utilized for other general electrical distribution purposes.
- 6. The Company will repair or replace malfunctioning lighting fixtures maintained by the Company.
- 7. For a fixture type restricted to existing installations and requiring major renovation or replacement, the fixture shall be replaced by an available similar non-restricted LED fixture of the customer's choosing and the customer shall commence being billed at its appropriate rate.
- 8. The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities.
- 9. All new leased LED lighting shall be installed on poles owned by the Company.
- 10. Alterations to leased LED lighting facilities requested by the customer after date of installation (i.e. redirect, install shields, etc.), will be billed to the customer in accordance with the Company's policy.
- 11. Service for street or area lighting is normally provided from existing distribution facilities. Where suitable distribution facilities do not exist, it will be the customer's responsibility to pay for necessary additional facilities either at cost upfront or monthly as described below.

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Issued by: Amy B. Spiller, President /s/ Amy B. Spiller

Duke Energy Kentucky, Inc.
1262 Cox Road
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
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12. The Company will normally install service in accordance with the Electric Service Regulations for the facilities required to supply electric service to the customer. For Lighting installations requiring investments exceeding the Company's standards and where additional facilities are required as discussed above, lighting customer must pay the cost of the additional facility investment upfront or 0.8292% of the cost of the additional facility investment amount monthly. The Customer may make a partial up-front payment that will be applied against the cost of the additional facility investment and will thereby reduce the monthly charge. (R)
13. For available LEDs, the customer may opt to make an initial, one-time payment of 50% of the installed cost of fixtures rated greater than 200 Watts and poles other than standard wood poles, to reduce the Company's installed cost, therefore reducing their monthly rental rates for such fixtures and poles. If a customer chooses this option, the monthly fixture and/or pole charge shall be computed as the reduced installed cost times the corresponding monthly percentage in 2.I.(a) and/or 2.II above.

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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Erlanger, KY 41018

KY.P.S.C. Electric No. 2
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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. (⊕)

This rate schedule is no longer available after December 31, 2006. 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 when 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, absent unusual circumstances, replace burned-out lamps maintained by the Company within three (3) business days 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. (⊕)
(⊕)

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 1262 Cox Road
 Erlanger, KY 41018

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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	\$13.60 <u>14.03</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$10.62 <u>11.17</u>	(I)
2. Holophane Decorative fixture on 17 foot fiberglass pole served underground with direct buried cable					
a. 10,000 lumen Mercury Vapor	250	0.292	1,215	\$24.80 <u>25.65</u>	(I)

The cable span charge of \$1.10 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. (I)

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
3. Street light units served overhead distribution					
a. 2,500 lumen Incandescent	189	0.189	786	\$10.53 <u>11.08</u>	(I)
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$9.92 <u>10.24</u>	(I)
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$15.93 <u>17.27</u>	(I)

B. Customer owned

	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
1. Steel boulevard units served underground with limited maintenance by Company					
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$8.07 <u>8.50</u>	(I)
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$10.26 <u>10.81</u>	(I)

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NET MONTHLY BILL (Contd.)

2. Base Fuel Cost

The rates per unit shown above include \$0.~~025404~~033780 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

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 2.3%, is due and payable.

(R)

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 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. 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.

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- (3) When a Company owned street lighting unit and/or pole reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit and/or pole with an available similar LED lighting unit and/or pole and the Customer shall commence being billed on Rate LED for the available similar lighting unit and/or pole rate and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit and/or pole installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated. (⊕)
(⊕)
(⊕)
(⊕)
(⊕)
(⊕)

- (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. Upon failure of a customer owned unit, Customer may contact Company to discuss lighting options available with Company owned lighting units. (⊕)
(⊕)
(⊕)

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(5) Limited maintenance by the Company includes only fixture cleaning, relamping, and glassware and photo cell replacement. (⊕)

(6) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts. (⊕)
(⊕)
(⊕)
(⊕)
(⊕)

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. (+) (+)

This rate schedule is no longer available after December 31, 2006. 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 when 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, absent unusual circumstances, replace burned-out lamps within three (3) business days 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 <u>Watts</u>	<u>kW/Unit</u>	Annual <u>kWh</u>	<u>Rate/Unit</u>	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$ 6.276.83	(I)
10,000 lumen	250	0.275	1,144	\$ 8.048.81	(I)
21,000 lumen	400	0.430	1,789	\$ 11.14.12.39	(I)

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

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit	
Metal Halide					
14,000 lumen	175	0.193	803	\$ 6-276.83	(I)
20,500 lumen	250	0.275	1,144	\$ 8-048.81	(I)
36,000 lumen	400	0.430	1,789	\$ 11-1412.39	(I)
Sodium Vapor					
9,500 lumen	100	0.117	487	\$ 7-457.79	(I)
16,000 lumen	150	0.171	711	\$ 8-358.85	(I)
22,000 lumen	200	0.228	948	\$ 9-209.86	(I)
27,500 lumen	250	0.228	948	\$ 9-209.86	(I)
50,000 lumen	400	0.471	1,959	\$ 12-5813.95	(I)
Decorative Fixture					
Mercury Vapor					
7,000 lumen (Holophane)	175	0.210	874	\$ 7-958.56	(I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 7-878.47	(I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7-958.56	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 7-958.56	(I)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7-878.47	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 7-958.56	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7-958.56	(I)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 7-357.69	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 7-357.69	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 7-678.04	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 7-357.69	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 7-678.04	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 7-678.04	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 7-678.04	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 9-7410.45	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 13-0014.37	(I)

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.

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NET MONTHLY BILL (Contd.)

<u>Pole Description</u>	<u>Pole Type</u>	<u>Rate/Pole</u>	
Wood			
30 foot	W30	\$ 6.36	(I)
35 foot	W35	\$ 6.44	(I)
40 foot	W40	\$ 7.72	(I)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$~~0.0569570~~0.065336 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. (I)

2. Base Fuel Cost

The rates per unit shown above include \$~~0.025404~~0.033780 per kilowatt-hour reflecting the base cost of fuel. (I)

3. Applicable Riders

The following riders are applicable to the specific terms contained within each rider:
 Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 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 2.3%, is due and payable. ~~(R)~~

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 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. Upon failure of a customer owned unit, Customer may contact Company to discuss lighting options available with Company owned lighting units. ~~(P)~~
~~(P)~~
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.
- (8) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts. ~~(P)~~
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SERVICE REGULATIONS

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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. (D)

This rate schedule is no longer available after December 31, 2006. 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 when this rate schedule terminates, whichever occurs first. (D) (T)

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, absent unusual circumstances, replace burned-out lamps within three (3) business days 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. (T) (T)

NET MONTHLY BILL

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

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NET MONTHLY BILL (Contd.)

1. Base Rate

Fixture Description	<u>Lamp Watt</u>	<u>kW/Unit</u>	<u>Annual kWh</u>	<u>Rate/Unit</u>	
<u>Decorative Fixtures</u>					
<u>Mercury Vapor</u>					
7,000 lumen (Town & Country)	175	0.205	853	\$ 10.82 <u>11.42</u>	(I)
7,000 lumen (Holophane)	175		874	\$ 10.86 <u>11.47</u>	(I)
		0.210			
7,000 lumen (Gas Replica)	175	0.210	874	\$ 10.86 <u>11.47</u>	(I)
7,000 lumen (Aspen)	175	0.210	874	\$ 10.86 <u>11.47</u>	(I)
<u>Metal Halide</u>					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 10.82 <u>11.42</u>	(I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 10.86 <u>11.47</u>	(I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 10.86 <u>11.47</u>	(I)
<u>Sodium Vapor</u>					
9,500 lumen (Town & Country)	100	0.117	487	\$ 11.74 <u>12.05</u>	(I)
9,500 lumen (Holophane)	100	0.128	532	\$ 11.89 <u>12.26</u>	(I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 11.74 <u>12.05</u>	(I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 11.87 <u>12.24</u>	(I)
9,500 lumen (Aspen)	100	0.128	532	\$ 11.87 <u>12.24</u>	(I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 11.74 <u>12.05</u>	(I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 11.87 <u>12.24</u>	(I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 16.89 <u>17.60</u>	(I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 22.47 <u>23.84</u>	(I)
50,000 lumen (Setback)	400	0.471	1,959	\$ 22.47 <u>23.84</u>	(I)

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 \$~~0.0254~~0.033780 per kilowatt-hour reflecting the base cost of fuel. (I)

3. Applicable Riders

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

Sheet No. 76, Rider ESM, Environmental Surcharge Mechanism Rider

Sheet No. 80, Rider FAC, Fuel Adjustment Clause

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 2.3%, is due and payable. (R)

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KY.P.S.C. Electric No. 2
~~Twelfth-Thirteenth~~ Revised Sheet No.

Cancels and Supersedes
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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 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 Company owned street lighting unit reaches the end of life or becomes obsolete and parts cannot be reasonably obtained, the Company shall replace lighting unit with an available similar LED lighting unit and/or pole and the Customer shall commence being billed on Rate LED for the available similar lighting unit and pole rate and will enter into a new lighting agreement within 90 days. The terms of service of Rate LED shall commence upon lighting unit and/or pole installation. If within 90 days of replacement the Customer does not enter into a new agreement, the service may be terminated.

(+) (+) (+) (+) (+) (+) (+)

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GENERAL CONDITIONS (Contd.)

(7) The customer will be responsible for trimming trees and other vegetation that obstruct the light output from fixture(s) or maintenance access to the facilities outside of Company distribution reliability trimming. Company shall not be required to pay for obtaining permission to trim or re-trim trees where such trees interfere with supplying electric energy to the system. Customer shall assist Company, if necessary, in obtaining permission to trim trees where Company is unable to obtain such permission through its own best efforts.

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(8) 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:

$$FuelCostAdjustment = \frac{F(m)}{S(m)} - \$0.0254010.033780 \text{ per kWh}$$

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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AVAILABILITY OF SERVICE (Contd.)

(e) The native portion of fuel-related costs charged to the Company by PJM Interconnection LLC includes those costs identified in the following Billing Line Items, as may be amended from time to time by PJM Interconnection LLC: Billing Line Items 1210, 2210, 1215, 1218, 2217, 2218, 1230, 1250, 1260, 2260, 1370, 2370, 1375, 2375, 1400, 1410, 1420, 1430, 1478, 1340, 2340, 1460, 1350, 2350, 1360, 2360, 1470, 1377, 2377, 1480, 1378, 2378, 1490, 1500, 2420, 2220, 1200, 1205, 1220, 1225, 2500, 2510, 1930, 2211, 2215, 2415 and 2930. (T)

(f) All fuel costs shall be based on a weighted-average inventory costing. In making the calculations of fuel cost, the forced outage costs to be subtracted shall be no less than the fuel cost related to the lost generation until approval is obtained. 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. (T)
(T)
(T)

(g) 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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