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March 1, 2013

Via Hand-Delivery

Mr. Jeffrey Derouen
Executive Director
Kentucky Public Service Commission
P.O. Box 615
211 Sower Boulevard
Frankfort, KY 40602

Re: In the Matter of: An Examination of the Application of the Fuel
Adjustment Clause of Duke Energy Kentucky Inc. from
November 1, 2010 through October 1, 2012
PSC Case No. 2012-00554

Dear Mr. Derouen:

Enclosed please find for filing with the Commission in the above-referenced case an original and ten (10) copies each of Duke Energy Kentucky, Inc.'s Response to Data Requests, Testimony, and Motion for Confidential Treatment and one (1) copy of the Confidential Information. Please return file-stamped copies of each to me.

Do not hesitate to contact me if you have any questions.

Very truly yours,



David S. Samford

Enclosures

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Correspondence\Ltr. to Jeff Derouen - 130301.docx

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PUBLIC SERVICE
COMMISSION

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-001 PUBLIC

REQUEST:

If a change in the base fuel cost is proposed, state the month to be used as the base period
(b). If the base period results in a fuel cost other than one representative of current costs
as prescribed by 807 KAR 5:056, Section 1(2), explain why this base period was
selected. If no change is proposed, include an explanation of the reason(s) Duke
Kentucky believes the current base period fuel cost should remain unchanged.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential
Treatment.

PERSON RESPONSIBLE: N/A

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-002

REQUEST:

Provide a calculation of the fossil fuel costs F(b) that Duke Kentucky proposes to use to calculate the base period fuel cost. This calculation shall show each component of F(b) as defined by 807 KAR 5:056. Explain why the fuel cost in the selected base period is representative of the level of fuel cost currently being experienced by Duke Kentucky.

RESPONSE:

As stated in response to item 1, the Duke Energy Kentucky proposes a base fossil Fuel cost F(b) of \$9,990,132. Please see Staff-DR-01-002 for a copy of the fuel cost schedule for June 2012, which shows the components of F(b) as defined by 807 KAR 5:056.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: June 2012

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$8,324,409.85
Oil Burned	(+)	210,232.00
Gas Burned	(+)	\$294,444.01
PJM Balancing & Day Ahead Operating Reserve Credit	(-)	166,337.28
Fuel (assigned cost during Forced Outage ^(a))	(+)	627,936.04
Fuel (substitute cost during Forced Outage ^(a))	(-)	3,030.68
Sub-Total		<u>\$9,287,653.94</u>
B. Purchases		
Economy Purchases	(+)	\$1,630,311.81
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	642,590.71
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$987,721.10</u>
C. Non-Native Sales Fuel Costs		\$285,242.97
D. Total Fuel Costs (A + B - C)		<u>\$9,990,132.07</u>

.....

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-003

REQUEST:

Provide a schedule showing each component of sales as defined by 807 KAR 5:056 in the selected base period (b). Explain why Duke Kentucky believes that the sales in the selected base period (b) are representative of the level of kWh sales that Duke Kentucky will derive from the level of the fuel cost incurred during the selected base period (b).

RESPONSE:

As stated in response to item 1, the Duke Energy Kentucky proposes a base sales (b) of 363,729,076 kilowatt-hours. Please see STAFF-DR-01-003 Attachment for a copy of the Sales Schedule for June 2012, which shows the components of sales as defined by 807 KAR 5:056.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: June 2012

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	341,244,000
<u>Purchases Including Interchange-In</u>	(+)	<u>52,372,850</u>
Sub-Total		<u>393,616,850</u>
B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	10,340,690
<u>System Losses (383,276,160 KWH times 5.1%^(a))</u>	(+)	<u>19,547,084</u>
Sub-Total		<u>29,887,774</u>
C. Total Sales (A - B)		<u><u>363,729,076</u></u>

Note: ^(a) Average of prior 12 months.

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-004

REQUEST:

Provide a schedule showing the calculation of Duke Kentucky's proposed increase or decrease in its base fuel cost per kWh to be incorporated into its base rate.

RESPONSE:

Current Base	\$0.025747
Proposed Base	<u>\$0.027466</u>
Increase in Base Rates	\$0.001719

PERSON RESPONSIBLE: Lisa D. Steinkuhl

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-005 PUBLIC

REQUEST:

Provide Duke Kentucky's most recent projected fuel requirements for the years 2013 and 2014 in tons and dollars.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-006 PUBLIC

REQUEST:

Provide Duke Kentucky's most recent sales projections for the years 2013 and 2014 in kWh and dollars.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-007

REQUEST:

Provide separately the amounts of power purchases used in the calculation of sales provided in response to Item 3.

RESPONSE:

The attachment to STAFF-DR-01-003 shows power purchases of 52,372,850 kilowatt-hours all from the PJM Interconnection, LLC.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-008

REQUEST:

Provide separately the amounts of intersystem power sales used in the calculation of sales provided in response to Item 3.

RESPONSE:

The attachment to STAFF-DR-01-003 shows power sales of 10,340,690 kilowatt-hours all to the PJM Interconnection, LLC.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-009 PUBLIC

REQUEST:

Provide the planned maintenance schedule for each of Duke Kentucky's generating units for the years 2013 and 2014.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

STAFF-DR-01-010

REQUEST:

For the years ending October 31, 2011 and October 31, 2012, provide:

- a. Maximum annual system demand; and
- b. Average annual demand.

RESPONSE:

- a. 2011 Maximum annual system demand = 894 MW
2012 Maximum annual system demand = 885 MW
- b. 2011 Average annual demand = 503 MW
2012 Average annual system demand = 495 MW

PERSON RESPONSIBLE: John Swez

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-011

REQUEST:

List all firm power commitments for Duke Kentucky for the years 2013 and 2014 for (a) purchases and (b) sales. This list shall identify the other party (buyer or seller), the amount of commitment in MW, and the purpose of the commitment (e.g., peaking, emergency).

RESPONSE:

Duke Energy Kentucky has no firm power purchase or sale commitments for years 2013 and 2014.

PERSON RESPONSIBLE: John Swez

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-012

REQUEST:

Provide a monthly billing summary for all sales to all electric utilities for the period May 1, 2012 through October 31, 2012.

RESPONSE:

See attachment STAFF-DR-01-012.

PERSON RESPONSIBLE: Lisa Steinkuhl

**DUKE ENERGY KENTUCKY
POWER TRANSACTION SCHEDULE**

Supplier/Buyer	Transaction Type	kWh	Charges (\$)			
			Demand	Fuel	Other	Total
Month Ended May 31, 2012						
PJM Interconnection, LLC	Econ Sales	23,677,670		611,340	31,452	642,792
	Total Sales	<u>23,677,670</u>	<u>0</u>	<u>611,340</u>	<u>31,452</u>	<u>642,792</u>
Month Ended June 30, 2012						
PJM Interconnection, LLC	Econ Sales	10,406,030		285,243	51,563	336,806
	Total Sales	<u>10,406,030</u>	<u>0</u>	<u>285,243</u>	<u>51,563</u>	<u>336,806</u>
Month Ended July 31, 2012						
PJM Interconnection, LLC	Econ Sales	3,834,640		(89,329)	114,463	25,134
	Total Sales	<u>3,834,640</u>	<u>0</u>	<u>(89,329)</u>	<u>114,463</u>	<u>25,134</u>
Month Ended August 30, 2012						
PJM Interconnection, LLC	Econ Sales	4,033,360		134,125	(6,935)	127,190
	Total Sales	<u>4,033,360</u>	<u>0</u>	<u>134,125</u>	<u>(6,935)</u>	<u>127,190</u>
Month Ended September 30, 2012						
PJM Interconnection, LLC	Econ Sales	18,982,260		530,179	(14,887)	515,292
	Total Sales	<u>18,982,260</u>	<u>0</u>	<u>530,179</u>	<u>(14,887)</u>	<u>515,292</u>
Month Ended October 31, 2012						
PJM Interconnection, LLC	Econ Sales	41,762,620		1,131,492	152,745	1,284,237
	Total Sales	<u>41,762,620</u>	<u>0</u>	<u>1,131,492</u>	<u>152,745</u>	<u>1,284,237</u>

Legend

Econ Sales - Economy Sales

STAFF-DR-01-013

REQUEST:

- a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2010 through October 2012.
- b. Describe the actions that Duke Kentucky has taken to reduce line loss during this period.

RESPONSE:

- a. See STAFF-DR-01-013 Attachment.
- b. Changes to the Duke Energy Kentucky transmission and distribution systems are based on meeting planning criteria, which are intended to provide reliable system performance in a cost-effective manner. Loss reduction is a secondary goal, which may be considered, when appropriate, in deciding between various alternatives, which serve the primary purpose of maintaining system performance. Typical system reinforcement projects do often result in reduced system losses. System projects completed by Duke Energy Kentucky from November 2010 through October 2012 which would be expected to have a loss reduction impact include the following:

Transmission System Improvements:

- There were no transmission system improvements during this time period which would be expected to have a loss reduction impact.

Distribution System Improvements:

- Installation of 1 new 12 kV distribution system supply transformer with a total capacity of 22.4 MVA

PERSON RESPONSIBLE: Lisa Steinkuhl

Duke Energy Kentucky
12 Month Average Line Loss
November 2010 - October 2012

(1)	(2)	(3)	(4)	(5)	(6)
Month	Total kWh Sources 12 Months Ended Current Month	Total kWh System Losses 12 Months Ended Current Month	12 Months End % Losses (3) / (2)	Total kWh Sources Current Month	Current Month Calculates System Losses (kWh) (4) x (5)
Nov-10	4,240,724,260	149,614,938	3.528050%	304,583,670	10,745,864
Dec-10	4,260,645,220	143,215,393	3.361350%	382,589,560	12,860,174
Jan-11	4,258,543,140	135,264,360	3.176310%	383,559,550	12,183,040
Feb-11	4,238,017,980	115,089,979	2.715660%	324,401,250	8,809,635
Mar-11	4,248,056,580	145,532,411	3.425860%	330,301,130	11,315,654
Apr-11	4,255,647,190	144,257,238	3.389780%	291,127,700	9,868,589
May-11	4,259,710,490	146,389,407	3.436600%	331,481,400	11,391,690
Jun-11	4,240,951,120	153,383,578	3.616730%	377,560,110	13,655,330
Jul-11	4,273,585,510	166,429,566	3.894380%	465,706,020	18,136,362
Aug-11	4,256,952,400	168,170,099	3.950480%	421,677,460	16,658,284
Sep-11	4,233,950,610	169,607,134	4.005880%	324,439,620	12,996,662
Oct-11	4,243,596,600	177,238,622	4.176610%	306,169,130	12,787,491
Nov-11	4,244,600,070	180,242,840	4.246400%	305,587,140	12,976,452
Dec-11	4,209,785,640	186,657,591	4.433900%	347,775,130	15,420,001
Jan-12	4,193,705,580	191,641,516	4.569740%	367,479,490	16,792,857
Feb-12	4,197,911,780	200,190,067	4.768800%	328,607,450	15,670,632
Mar-12	4,186,998,100	202,069,214	4.826110%	319,387,450	15,413,990
Apr-12	4,184,547,090	206,551,334	4.936050%	288,676,690	14,249,226
May-12	4,209,665,010	214,234,443	5.089110%	356,599,320	18,147,732
Jun-12	4,213,489,670	203,097,081	4.820160%	381,384,770	18,383,356
Jul-12	4,205,453,360	208,622,939	4.960770%	457,669,710	22,703,942
Aug-12	4,197,364,690	215,895,496	5.143600%	413,588,790	21,273,353
Sep-12	4,207,579,590	223,845,913	5.320060%	334,654,520	17,803,821
Oct-12	4,214,586,120	223,077,025	5.292980%	313,175,660	16,576,325
Nov-12	4,230,972,700	227,340,665	5.373250%	321,973,720	17,300,453

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-014 PUBLIC

REQUEST:

List Duke Kentucky's scheduled, actual, and forced outages between May 1, 2012 and October 31, 2012.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

STAFF-DR-01-015

REQUEST:

For each existing fuel contract categorized as long-term (i.e., one year or more in length), provide:

- a. Supplier's name and address;
- b. Name and location of production facility;
- c. Date when contract was executed;
- d. Duration of contract;
- e. Date(s) of each contract revision, modification, or amendment;
- f. Annual tonnage requirements;
- g. Actual annual tonnage received since the contract's inception;
- h. Percent of annual requirements received during the contract's term;
- i. Base price in dollars per ton;
- j. Total amount of price escalations to date in dollars per ton; and
- k. Current price paid for coal under the contract in dollars per ton (i + j).

RESPONSE:

East Bend

- a. **Oxford Mining Company – Kentucky - Charolais Coal Co (HC 10053)**
544 Chestnut Street
Coshocton, OH 43812

- b. Charolais Coal Company, Muhlenberg, Hopkins and Webster Counties, Kentucky
- c. September 5, 2007
- d. March 31, 2013
- e. Amendment 1 = March 1, 2008; Amendment 2 = March 17, 2008; Amendment 3 = July 15, 2008; Amendment 4 = July 28, 2009; Amendment 5 = July 12, 2011
- f. 2008 = 287,047; 2009 = 100,000; 2010 = 200,000; 2011 = 209,727; 2012 = 213,000; 2013=13,950
- g. 2008 = 287,048; 2009 = 99,942; 2010 = 176,324; 2011 = 198,027; 2012 YTD = 191,293
- h. 2008 = 100%; 2009 = 99.9%; 2010 = 88.2%; 2011 = 94.4%; 2012 YTD = 107.8%
- i. 2008 = \$32.00; 2009 = \$32.42; 2010 = \$32.42; 2011 = \$32.70; 2012 = \$32.70; 2013 = \$32.70
- j. None
- k. 2008 = \$32.00; 2009 = \$32.42; 2010 = \$32.42; 2011 = \$32.70; 2012 = \$32.70

- a. **SMCC AGF Resources Sales, Inc. (HC10116)**
921 Cogdill Road
Suite 301
KNOXVILLE, TN 37932
- b. Allied Resources, Webster County, KY
- c. June 24, 2009
- d. December 31, 2013
- e. Amendment 1: April 21, 2011
- f. 2009 = 150,000; 2010 = 300,000; 2011 = 289,306, 2012 = 120,000;

2013 = 300,000

g. 2009 = 151,158; 2010 = 310,694; 2011 = 290,669; 2012 YTD = 104,192

h. 2009 = 100.8%; 2010 = 103.6 %; 2011 = 100.5%; 2012 YTD = 104.2%

i. 2009 = \$51.00; 2010 – 2011 = \$53.00; 2012= \$52.40; 2013= \$54.75

j. None

k. 2009 = \$51.00; 2010 – 2011 = \$53.00; 2012= \$52.40; 2013= \$54.75

a. **Patriot Coal Sales LLC (HC10136)**
12312 Olive Blvd
St. Louis, Missouri 63141

b. Blue Grass Complex, Blue Grass, KY

c. November 19, 2010

d. December 31, 2012

e. N/A

f. 2011 = 325,000; 2012 = 325,000

g. 2011 = 312,084; 2012 YTD = 225,823

h. 2011 = 96.0%; 2012 YTD = 83.4%

i. 2011 = \$42.00; 2012 = \$45.00

j. None

k. 2011 = \$42.00; 2012 = \$45.00

a. **Patriot Coal Sales LLC (HC10137)**
12312 Olive Blvd
St. Louis, Missouri 63141

b. Highland Mine, Highland KY

- c. November 19, 2010
- d. December 31, 2012
- e. N/A
- f. 2011 = 250,000; 2012 = 250,000
- g. 2011 = 251,516; 2012 YTD = 204,398
- h. 2011 = 100.6%; 2012 YTD = 98.1%
- i. 2011 = \$44.00; 2012 = \$46.50
- j. None
- k. 2011 = \$44.00; 2012 = \$46.50

a. **Patriot Coal Sales LLC (HC10148)**
 12312 Olive Blvd
 St. Louis, Missouri 63141

- b. Highland Mine, Highland KY
- c. April 20, 2011
- d. December 31, 2013
- e. N/A
- f. 2012 = 150,000; 2013 = 150,000
- g. 2012 YTD = 111,109
- h. 2012 YTD = 88.8%;
- i. 2012 = \$49.00; 2013 = \$50.00
- j. None
- k. 2011 = \$49.00; 2012 = \$50.00

a. **Rhino Energy, LLC (HC10128)**
423 Lewis Hargett Circle
Suite 250
Lexington, KY 40503

b. Sands Hill Mine, Sands Hill, OH

c. September 1, 2010

d. December 31, 2012

e. N/A

f. 2011 = 180,000; 2012 = 180,000

g. 2011 = 180,559; 2012 YTD = 147,437

h. 2011 = 100.3%; 2012 YTD = 98.3%

i. 2011 = \$46.00; 2012 = \$49.00

j. None

k. 2011 = \$46.00; 2012 = \$49.00

a. **River View Coal, LLC (HC10135/HC10146)**
1717 South Boulder Ave. Suite 400
Tulsa, OK 74119

b. River View Mine, Union County, KY

c. February 28, 2011

d. December 31, 2013

e. NA

f. 2011 = 220,000; 2012 = 220,000; 2013 = 220,000

g. 2011 = 218,688; 2012 YTD = 174,381

h. 2011 = 99.4% ; 2012 YTD = 95.1%

- i. 2011 = \$48.00; 2012 = \$51.00; 2013 = \$53.25
- j. None
- k. 2011 = \$48.00; 2012 = \$51.00; 2013 = \$53.25

a. **Foresight Coal Sales, LLC (HC10162)**

One Metropolitan Square
211 North Broadway, Suite 2600
St. Louis, MO 63102

- b. Foresight Coal Sales, LLC as agent for Macoupin Energy, LLC,
Carlinville, IL, Macoupin County

c. September 8, 2011

d. December 31, 2013

e. N/A

f. 2012 = 60,000; 2013 = 250,000

g. 2012 = 43,537

h. 2012 = 72.6%

i. 2012 = \$46.50; 2013 = \$48.00

j. None

k. 2012 = \$46.50

a. **Tunnel Ridge, LLC (HS10157)**

1717 South Boulder Avenue, Suite 400
Tulsa, OK 74119

- b. Tunnel Ridge Mine, Ohio County WV and Washington County, PA

c. July 26, 2011

d. September 30, 2012

- e. Amendment 1: July 19, 2012
- f. 2011 - 2012 = 150,000
- g. 2011 = 39,753; 2012 = 105,924
- h. 2011 – 2012 = 97.1%
- i. \$58.00
- j. None
- k. \$58.00

MIAMI FORT #6:

- a. **American Coal Company (10350)**
101 Prosperous Place
Suite 125
Lexington, KY 40509
- b. Galatia Mine, III.
- c. June 27, 2005
- d. August 31, 2015 (Terminated December 31, 2012)
- e. July 14, 2006 – June 1, 2008 – December 31, 2009 – July 20, 2010 – September 21, 2012
- f. 2005 = 100,000; 2006 = 300,000; 2007 = 300,000; 2008 = 300,000; 2009 = 300,000; 2010 = 281,684; 2011 = 322,000; 2012 = 300,000
- g. 2005 = 92,816; 2006 = 292,004; 2007 = 295,509; 2008 = 282,250; 2009 = 318,316; 2010 = 247,780; 2011 = 311,353; 2012 YTD = 256,278
- h. 2005 = 92.8%; 2006 = 97.3%; 2007 = 98.6%; 2008 = 94.1%; 2009 = 106.1% ; 2010 = 88%; 2011 = 96.7%; 2012 YTD = 102.50%
- i. 2005 – 2008 = \$37.05; 2009 – 2010 = \$56.00; 2011 = \$51.00; 2012 = \$ 53.50
- j. 2005 = \$.91; 2006 = \$3.82; 2007 = \$3.47; 2008 = \$4.43; 2009 = \$0.00; 2010= \$0.64; 2011=\$0.00; 2012 = \$0.00

k 2005 = \$37.96; 2006 = \$40.87; 2007 = \$40.52; 2008 = \$41.48; 2009 = \$56.00; 2010 = \$56.64; 2011 = \$51.00; 2012 = \$53.50

WOODSDALE:

There are no long term contracts with suppliers that source and deliver gas to Company plants. The only long-term contracts that extend past one year are contracts with pipelines for transportation service.

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliott Batson, Jr.

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-016

REQUEST:

Provide a schedule of the present and proposed rates that Duke Kentucky seeks to change pursuant to 807 KAR 5:056, shown in comparative form.

RESPONSE:

See STAFF-DR-01-016 Attachment.

PERSON RESPONSIBLE: Lisa Steinkuhl

Duke Energy Kentucky Revised Tariffs

Tariff		Existing	Existing	Existing	Proposed	Revised
Sheet No.	Rate Schedule	Base Rate	Fuel Component	Base Rate	Revised Fuel	Base Rates
		<u>Energy & Fuel</u>	<u>of Base Rates</u>	<u>Fuel Base</u>	<u>of Base Rates</u>	<u>Including Fuel</u>
30	RS	0.077366	0.025747	0.051619	0.027466	0.079085
40	DS					
	First 6000 kWh	0.083555	0.025747	0.057808	0.027466	0.085274
	Next 300 kWh/kW	0.052029	0.025747	0.026282	0.027466	0.053748
	Add'l kWh	0.042953	0.025747	0.017206	0.027466	0.044672
41	DT					
	Summer On Peak	0.046105	0.025747	0.020358	0.027466	0.047824
	Winter On Peak	0.044105	0.025747	0.018358	0.027466	0.045824
	Off Peak	0.038105	0.025747	0.012358	0.027466	0.039824
	DT-Low Load Factor					
	Summer On Peak	0.048767	0.025747	0.023020	0.027466	0.050486
	Winter On Peak	0.046767	0.025747	0.021020	0.027466	0.048486
	Off Peak	0.040767	0.025747	0.015020	0.027466	0.042486
42	EH	0.063434	0.025747	0.037687	0.027466	0.065153
43	SP	0.102508	0.025747	0.076761	0.027466	0.104227
44	GS-FL					
	540 to 720 hrs.	0.082633	0.025747	0.056886	0.027466	0.084352
	< 540 hrs.	0.094857	0.025747	0.069110	0.027466	0.096576
45	DP					
	First 300 kWh	0.052978	0.025747	0.027231	0.027466	0.054697
	Add'l kWh	0.045108	0.025747	0.019361	0.027466	0.046827
51	TT	0.044558	0.025747	0.018811	0.027466	0.046277
60	SL		0.025747		0.027466	0.027466
61	TL					
	Energy Only	0.039976	0.025747	0.014229	0.027466	0.041695
	w/Maintenance	0.061055	0.025747	0.035308	0.027466	0.062774
62	UOLS	0.039391	0.025747	0.013644	0.027466	0.041110
65	OL		0.025747		0.027466	0.027466
66	NSU		0.025747		0.027466	0.027466
67	NSP		0.025747		0.027466	0.027466
68	SC					
	Energy Only	0.039391	0.025747	0.013644	0.027466	0.041110
69	SE		0.025747		0.027466	0.027466
80	Rider FAC		0.025747		0.027466	0.027466

DUKE ENERGY KENTUCKY

Sheet					Current	Proposed	Diff. in			Increase	Current	New
No.	Loc	Fixture	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
60	OH	Standard MV	7000		0.025747	0.027466	0.001719	803	66.92	0.1150	7.23	7.35
60	OH	Standard MV	7000	Open Refractor	0.025747	0.027466	0.001719	853	71.08	0.1222	6.08	6.20
60	OH	Standard MV	10000		0.025747	0.027466	0.001719	1144	95.33	0.1639	8.40	8.56
60	OH	Standard MV	21000		0.025747	0.027466	0.001719	1789	149.08	0.2563	11.28	11.53
60	OH	Standard MH	14000		0.025747	0.027466	0.001719	803	66.92	0.1150	7.23	7.35
60	OH	Standard MH	20500		0.025747	0.027466	0.001719	1144	95.33	0.1639	8.40	8.56
60	OH	Standard MH	36000		0.025747	0.027466	0.001719	1789	149.08	0.2563	11.28	11.53
60	OH	Standard SV	9500		0.025747	0.027466	0.001719	487	40.58	0.0698	7.94	8.01
60	OH	Standard SV	9500	Open Refractor	0.025747	0.027466	0.001719	487	40.58	0.0698	5.98	6.05
60	OH	Standard SV	16000		0.025747	0.027466	0.001719	711	59.25	0.1019	8.70	8.80
60	OH	Standard SV	22000		0.025747	0.027466	0.001719	948	79.00	0.1358	11.28	11.41
60	OH	Standard SV	27500		0.025747	0.027466	0.001719	948	79.00	0.1358	11.28	11.41
60	OH	Standard SV	50000		0.025747	0.027466	0.001719	1959	163.25	0.2806	15.26	15.54
60	OH	Decorative SV	9500	Rectilinear	0.025747	0.027466	0.001719	487	40.58	0.0698	9.85	9.92
60	OH	Decorative SV	22000	Rectilinear	0.025747	0.027466	0.001719	1023	85.25	0.1465	12.26	12.40
60	OH	Decorative SV	50000	Rectilinear	0.025747	0.027466	0.001719	1959	163.25	0.2806	16.31	16.59
60	OH	Decorative SV	50000	Setback	0.025747	0.027466	0.001719	1959	163.25	0.2806	24.10	24.38
60	UG	Standard MV	7000		0.025747	0.027466	0.001719	874	72.83	0.1252	7.38	7.50
60	UG	Standard MV	7000	Open Refractor	0.025747	0.027466	0.001719	853	71.08	0.1222	6.08	6.20
60	UG	Standard MV	10000		0.025747	0.027466	0.001719	1215	101.25	0.1740	8.55	8.72
60	UG	Standard MV	21000		0.025747	0.027466	0.001719	1914	159.50	0.2742	11.55	11.83
60	UG	Standard MH	14000		0.025747	0.027466	0.001719	874	72.83	0.1252	7.38	7.50
60	UG	Standard MH	20500		0.025747	0.027466	0.001719	1215	101.25	0.1740	8.55	8.72
60	UG	Standard MH	36000		0.025747	0.027466	0.001719	1914	159.50	0.2742	11.55	11.83
60	UG	Standard SV	9500		0.025747	0.027466	0.001719	487	40.58	0.0698	7.94	8.01
60	UG	Standard SV	9500	Open Refractor	0.025747	0.027466	0.001719	487	40.58	0.0698	6.06	6.13
60	UG	Standard SV	16000		0.025747	0.027466	0.001719	711	59.25	0.1019	8.67	8.77
60	UG	Standard SV	22000		0.025747	0.027466	0.001719	948	79.00	0.1358	11.28	11.41
60	UG	Standard SV	50000		0.025747	0.027466	0.001719	1959	163.25	0.2806	15.26	15.54
60	UG	Decorative MV	7000	Town & Country	0.025747	0.027466	0.001719	853	71.08	0.1222	7.62	7.74
60	UG	Decorative MV	7000	Holophane	0.025747	0.027466	0.001719	874	72.83	0.1252	9.54	9.66
60	UG	Decorative MV	7000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	21.62	21.74
60	UG	Decorative MV	7000	Granville	0.025747	0.027466	0.001719	853	71.08	0.1222	7.70	7.82
60	UG	Decorative MV	7000	Aspen	0.025747	0.027466	0.001719	874	72.83	0.1252	13.75	13.87
60	UG	Decorative MH	14000	Traditionaire	0.025747	0.027466	0.001719	853	71.08	0.1222	7.62	7.74
60	UG	Decorative MH	14000	Granville Acorn	0.025747	0.027466	0.001719	874	72.83	0.1252	13.75	13.87
60	UG	Decorative MH	14000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	21.71	21.83
60	UG	Decorative SV	9500	Town & Country	0.025747	0.027466	0.001719	487	40.58	0.0698	11.00	11.07
60	UG	Decorative SV	9500	Holophane	0.025747	0.027466	0.001719	532	44.33	0.0762	11.92	12.00
60	UG	Decorative SV	9500	Rectilinear	0.025747	0.027466	0.001719	487	40.58	0.0698	8.90	8.97
60	UG	Decorative SV	9500	Gas Replica	0.025747	0.027466	0.001719	532	44.33	0.0762	22.34	22.42
60	UG	Decorative SV	9500	Aspen	0.025747	0.027466	0.001719	532	44.33	0.0762	13.87	13.95
60	UG	Decorative SV	9500	Traditionaire	0.025747	0.027466	0.001719	487	40.58	0.0698	11.00	11.07
60	UG	Decorative SV	9500	Granville Acorn	0.025747	0.027466	0.001719	532	44.33	0.0762	13.87	13.95
60	UG	Decorative SV	22000	Rectilinear	0.025747	0.027466	0.001719	1023	85.25	0.1465	12.32	12.46
60	UG	Decorative SV	50000	Rectilinear	0.025747	0.027466	0.001719	1959	163.25	0.2806	16.37	16.65
60	UG	Decorative SV	50000	Setback	0.025747	0.027466	0.001719	1959	163.25	0.2806	24.10	24.38

DUKE ENERGY KENTUCKY

Sheet	No.	Loc	Fixture	Lumens	Description	Current Base Fuel	Proposed Base Fuel	Diff. in Base Fuel	Annual kWh	Per Mo.	Increase Change per Mth.	Current Rate/Unit	New Rate/Unit
					Open Refractor	0.025747	0.027466	0.001719	853	71.08	0.1222	8.87	8.99
	65	OH	Standard MV	7000		0.025747	0.027466	0.001719	874	72.83	0.1252	11.31	11.43
	65	OH	Standard MV	7000		0.025747	0.027466	0.001719	1215	101.25	0.1740	13.23	13.40
	65	OH	Standard MV	10000		0.025747	0.027466	0.001719	1914	159.50	0.2742	17.05	17.33
	65	OH	Standard MV	21000		0.025747	0.027466	0.001719	874	72.83	0.1252	11.31	11.43
	65	OH	Standard MH	14000		0.025747	0.027466	0.001719	1215	101.25	0.1740	13.25	13.42
	65	OH	Standard MH	20500		0.025747	0.027466	0.001719	1914	159.50	0.2742	17.05	17.33
	65	OH	Standard MH	36000		0.025747	0.027466	0.001719	1914	159.50	0.2742	17.05	17.33
	65	OH	Standard SV	9500	Open Refractor	0.025747	0.027466	0.001719	487	40.58	0.0698	7.75	7.82
	65	OH	Standard SV	9500		0.025747	0.027466	0.001719	487	40.58	0.0698	10.06	10.13
	65	OH	Standard SV	16000		0.025747	0.027466	0.001719	487	40.58	0.0698	10.06	10.13
	65	OH	Standard SV	16000		0.025747	0.027466	0.001719	487	40.58	0.0698	10.06	10.13
	65	OH	Standard SV	22000		0.025747	0.027466	0.001719	711	59.25	0.1019	11.39	11.49
	65	OH	Standard SV	22000		0.025747	0.027466	0.001719	711	59.25	0.1019	11.39	11.49
	65	OH	Standard SV	27500		0.025747	0.027466	0.001719	948	79.00	0.1358	12.62	12.75
	65	OH	Standard SV	27500		0.025747	0.027466	0.001719	948	79.00	0.1358	12.62	12.75
	65	OH	Standard SV	27500		0.025747	0.027466	0.001719	948	79.00	0.1358	12.62	12.75
	65	OH	Standard SV	50000		0.025747	0.027466	0.001719	1959	163.25	0.2806	14.84	15.12
	65	OH	Standard SV	50000		0.025747	0.027466	0.001719	1959	163.25	0.2806	14.84	15.12
	65	OH	Decorative MV	7000	Town & Country	0.025747	0.027466	0.001719	853	71.08	0.1222	13.52	13.64
	65	OH	Decorative MV	7000	Holophane	0.025747	0.027466	0.001719	874	72.83	0.1252	17.38	17.50
	65	OH	Decorative MV	7000	Holophane	0.025747	0.027466	0.001719	874	72.83	0.1252	41.80	41.92
	65	OH	Decorative MV	7000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	25.91	26.03
	65	OH	Decorative MV	7000	Aspen	0.025747	0.027466	0.001719	874	72.83	0.1252	25.91	26.03
	65	OH	Decorative MV	7000	Aspen	0.025747	0.027466	0.001719	874	72.83	0.1252	25.91	26.03
	65	OH	Decorative SV	9500	Town & Country	0.025747	0.027466	0.001719	487	40.58	0.0698	21.17	21.24
	65	OH	Decorative SV	9500	Holophane	0.025747	0.027466	0.001719	487	40.58	0.0698	21.17	21.24
	65	OH	Decorative SV	9500	Rectiliner	0.025747	0.027466	0.001719	487	40.58	0.0698	21.17	21.24
	65	OH	Decorative SV	9500	Rectiliner	0.025747	0.027466	0.001719	487	40.58	0.0698	21.17	21.24
	65	OH	Decorative SV	9500	Gas Replica	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Gas Replica	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Aspen	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Aspen	0.025747	0.027466	0.001719	487	40.58	0.0698	21.17	21.24
	65	OH	Decorative SV	9500	Traditionaire	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Traditionaire	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Granville Acorn	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Granville Acorn	0.025747	0.027466	0.001719	532	44.33	0.0762	26.71	26.79
	65	OH	Decorative SV	9500	Granville Acorn	0.025747	0.027466	0.001719	1023	85.25	0.1465	22.54	22.68
	65	OH	Decorative SV	22000	Rectiliner	0.025747	0.027466	0.001719	1023	85.25	0.1465	22.54	22.68
	65	OH	Decorative SV	22000	Rectiliner	0.025747	0.027466	0.001719	1023	85.25	0.1465	22.54	22.68
	65	OH	Decorative SV	50000	Rectiliner	0.025747	0.027466	0.001719	1959	163.25	0.2806	28.69	28.97
	65	OH	Decorative SV	50000	Rectiliner	0.025747	0.027466	0.001719	1959	163.25	0.2806	28.69	28.97
	65	OH	Decorative SV	50000	Setback	0.025747	0.027466	0.001719	1023	85.25	0.1465	17.06	17.34
	65	OH	Decorative SV	50000	Setback	0.025747	0.027466	0.001719	1914	159.50	0.2742	17.06	17.34
	65	OH	Decorative SV	50000	Setback	0.025747	0.027466	0.001719	1914	159.50	0.2742	17.06	17.34
	65	FL	Standard MV	21000		0.025747	0.027466	0.001719	1215	101.25	0.1740	13.23	13.40
	65	FL	Standard MH	20500		0.025747	0.027466	0.001719	1914	159.50	0.2742	17.05	17.33
	65	FL	Standard MH	36000		0.025747	0.027466	0.001719	1914	159.50	0.2742	17.05	17.33
	65	FL	Standard MH	36000		0.025747	0.027466	0.001719	1914	159.50	0.2742	17.05	17.33
	65	FL	Standard SV	22000		0.025747	0.027466	0.001719	1023	85.25	0.1465	12.55	12.69
	65	FL	Standard SV	22000		0.025747	0.027466	0.001719	1023	85.25	0.1465	12.55	12.69
	65	FL	Standard SV	30000		0.025747	0.027466	0.001719	1023	85.25	0.1465	12.55	12.69
	65	FL	Standard SV	30000		0.025747	0.027466	0.001719	1023	85.25	0.1465	12.55	12.69
	65	FL	Standard SV	30000		0.025747	0.027466	0.001719	1997	166.42	0.2861	15.67	15.95
	65	FL	Standard SV	50000		0.025747	0.027466	0.001719	1997	166.42	0.2861	15.67	15.95

DUKE ENERGY KENTUCKY

Sheet				Current	Proposed	Diff. in			Increase	Current	New
No.	Owner	LOC	Lumens	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
66	Comp	UG	2500	0.025747	0.027466	0.001719	616	51.33	0.0882	9.32	9.41
66	Comp	UG	2500	0.025747	0.027466	0.001719	786	65.50	0.1126	7.29	7.40
66	Comp	OH	10000	0.025747	0.027466	0.001719	1215	101.25	0.1740	16.98	17.15
66	Comp	OH	2500	0.025747	0.027466	0.001719	786	65.50	0.1126	7.23	7.34
66	Comp	OH	2500	0.025747	0.027466	0.001719	453	37.75	0.0649	6.79	6.85
66	Cust	OH	21000	0.025747	0.027466	0.001719	1914	159.50	0.2742	10.96	11.24
66	Cust	UG	2500	0.025747	0.027466	0.001719	616	51.33	0.0882	5.54	5.63
66	Cust	UG	2500	0.025747	0.027466	0.001719	786	65.50	0.1126	7.05	7.16

DUKE ENERGY KENTUCKY

Sheet	No.	Lumens	Description	Current Base Fuel	Proposed Base Fuel	Diff. in Base Fuel	Annual kWh	Per Mo.	Increase Change per Mth.	Current Rate/Unit	New Rate/Unit
	67	2500	Mercury Open Refractor	0.025747	0.027466	0.001719	478	39.83	0.0685	7.87	7.94
	67	2500	Mercury Enclosed Refractor	0.025747	0.027466	0.001719	478	39.83	0.0685	10.74	10.81
	67	7000	Mercury 17 Fiberglass pole	0.025747	0.027466	0.001719	853	71.08	0.1222	14.68	14.80
	67	7000	Mercury 17 Wood Lam pole	0.025747	0.027466	0.001719	853	71.08	0.1222	14.68	14.80
	67	7000	Mercury 30 Wood pole	0.025747	0.027466	0.001719	853	71.08	0.1222	13.58	13.70
	67	9500	Sodium Vapor TC 100 R	0.025747	0.027466	0.001719	487	40.58	0.0698	11.29	11.36
	67	52000	Mercury 35 Wood pole	0.025747	0.027466	0.001719	4584	382.00	0.6567	29.28	29.94
	67	52000	Mercury 50 Wood pole	0.025747	0.027466	0.001719	4584	382.00	0.6567	32.89	33.55
	67	52000	Sodium Vapor	0.025747	0.027466	0.001719	1959	163.25	0.2806	20.10	20.38

DUKE ENERGY KENTUCKY

Sheet				Current	Proposed	Diff. in			Increase	Current	New
No.	Fixture	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
68	Standard MV	7000		0.025747	0.027466	0.001719	803	66.92	0.1150	4.31	4.43
68	Standard MV	10000		0.025747	0.027466	0.001719	1144	95.33	0.1639	5.52	5.68
68	Standard MV	21000		0.025747	0.027466	0.001719	1789	149.08	0.2563	7.69	7.94
68	Standard MH	14000		0.025747	0.027466	0.001719	803	66.92	0.1150	4.31	4.43
68	Standard MH	20500		0.025747	0.027466	0.001719	1144	95.33	0.1639	5.52	5.68
68	Standard MH	36000		0.025747	0.027466	0.001719	1789	149.08	0.2563	7.69	7.94
68	Standard SV	9500		0.025747	0.027466	0.001719	487	40.58	0.0698	5.11	5.18
68	Standard SV	16000		0.025747	0.027466	0.001719	711	59.25	0.1019	5.74	5.84
68	Standard SV	22000		0.025747	0.027466	0.001719	948	79.00	0.1358	6.32	6.45
68	Standard SV	27500		0.025747	0.027466	0.001719	948	79.00	0.1358	6.32	6.45
68	Standard SV	50000		0.025747	0.027466	0.001719	1959	163.25	0.2806	8.67	8.95
68	Decorative MV	7000	Holophane	0.025747	0.027466	0.001719	874	72.83	0.1252	5.46	5.58
68	Decorative MV	7000	Town & Country	0.025747	0.027466	0.001719	853	71.08	0.1222	5.41	5.53
68	Decorative MV	7000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	5.46	5.58
68	Decorative MV	7000	Aspen	0.025747	0.027466	0.001719	874	72.83	0.1252	5.46	5.58
68	Decorative MH	14000	Traditionaire	0.025747	0.027466	0.001719	853	71.08	0.1222	5.41	5.53
68	Decorative MH	14000	Granville Acorn	0.025747	0.027466	0.001719	874	72.83	0.1252	5.46	5.58
68	Decorative MH	14000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	5.46	5.58
68	Decorative SV	9500	Town & Country	0.025747	0.027466	0.001719	487	40.58	0.0698	5.03	5.10
68	Decorative SV	9500	Traditionaire	0.025747	0.027466	0.001719	487	40.58	0.0698	5.03	5.10
68	Decorative SV	9500	Granville Acorn	0.025747	0.027466	0.001719	532	44.33	0.0762	5.26	5.34
68	Decorative SV	9500	Rectilinear	0.025747	0.027466	0.001719	487	40.58	0.0698	5.03	5.10
68	Decorative SV	9500	Aspen	0.025747	0.027466	0.001719	532	44.33	0.0762	5.26	5.34
68	Decorative SV	9500	Holophane	0.025747	0.027466	0.001719	532	44.33	0.0762	5.26	5.34
68	Decorative SV	9500	Gas Replica	0.025747	0.027466	0.001719	532	44.33	0.0762	5.26	5.34
68	Decorative SV	22000	Rectilinear	0.025747	0.027466	0.001719	1023	85.25	0.1465	6.71	6.85
68	Decorative SV	50000	Rectilinear	0.025747	0.027466	0.001719	1959	163.25	0.2806	8.96	9.24

DUKE ENERGY KENTUCKY

Sheet				Current	Proposed	Diff. in			Increase	Current	New
No.	Fixture	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
69	Decorative MV	7000	Holophane	0.025747	0.027466	0.001719	853	71.08	0.1222	7.42	7.55
69	Decorative MV	7000	Town & Country	0.025747	0.027466	0.001719	874	72.83	0.1252	7.46	7.59
69	Decorative MV	7000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	7.46	7.59
69	Decorative MV	7000	Aspen	0.025747	0.027466	0.001719	874	72.83	0.1252	7.46	7.59
69	Decorative MH	14000	Traditionaire	0.025747	0.027466	0.001719	853	71.08	0.1222	7.42	7.55
69	Decorative MH	14000	Granville Acorn	0.025747	0.027466	0.001719	874	72.83	0.1252	7.46	7.59
69	Decorative MH	14000	Gas Replica	0.025747	0.027466	0.001719	874	72.83	0.1252	7.46	7.59
69	Decorative SV	9500	Town & Country	0.025747	0.027466	0.001719	487	40.58	0.0698	8.03	8.10
69	Decorative SV	9500	Holophane	0.025747	0.027466	0.001719	532	44.33	0.0762	8.13	8.21
69	Decorative SV	9500	Rectilinear	0.025747	0.027466	0.001719	487	40.58	0.0698	8.03	8.10
69	Decorative SV	9500	Gas Replica	0.025747	0.027466	0.001719	532	44.33	0.0762	8.12	8.20
69	Decorative SV	9500	Aspen	0.025747	0.027466	0.001719	532	44.33	0.0762	8.12	8.20
69	Decorative SV	9500	Traditionaire	0.025747	0.027466	0.001719	487	40.58	0.0698	8.03	8.10
69	Decorative SV	9500	Granville Acorn	0.025747	0.027466	0.001719	532	44.33	0.0762	8.12	8.20
69	Decorative SV	22000	Rectilinear	0.025747	0.027466	0.001719	1023	85.25	0.1465	11.58	11.73
69	Decorative SV	50000	Rectilinear	0.025747	0.027466	0.001719	1959	163.25	0.2806	15.42	15.70
69	Decorative SV	50000	Setback	0.025747	0.027466	0.001719	1959	163.25	0.2806	15.42	15.70

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-017

REQUEST:

Provide a statement showing by cross-outs and italicized inserts all proposed changes in rates. A copy of the current tariff may be used.

RESPONSE:

See STAFF-DR-01-017 Attachment.

PERSON RESPONSIBLE: Lisa Steinkuhl

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

KY P.S.C. Electric No. 2
 Thirty-Ninth Revised Sheet No. 10
 Cancels and Supersedes
 Thirty-Eighth Revised Sheet No. 10
 Page 1 of 3

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INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

	<u>Sheet No.</u>	<u>Effective Date</u>	
<u>SERVICE REGULATIONS</u>			
Service Agreements.....	20	01/02/07	
Supplying and Taking of Service.....	21	01/02/07	
Customer's Installations.....	22	01/02/07	
Company's Installation.....	23	01/02/07	
Metering.....	24	01/02/07	
Billing and Payment.....	25	01/02/07	
Deposits.....	26	01/02/07	
Application of Service Regulations.....	27	01/02/07	
Reserved for Future Use.....	28-29		
<u>RESIDENTIAL SERVICE</u>			
Rate RS, Residential Service.....	30	07/01/13,	(T)
Reserved for Future Use.....	31-39		
<u>DISTRIBUTION VOLTAGE SERVICE</u>			
Rate DS, Service at Secondary Distribution Voltage.....	40	07/01/13,	(T)
Rate DT, Time-of-Day Rate For Service at Distribution Voltage.....	41	07/01/13,	(T)
Rate EH, Optional Rate for Electric Space Heating.....	42	07/01/13,	(T)
Rate SP, Seasonal Sports Service.....	43	07/01/13,	(T)
Rate GS-FL, General Service Rate for Small Fixed Loads.....	44	07/01/13,	(T)
Rate DP, Service at Primary Distribution Voltage.....	45	07/01/13,	(T)
Reserved for Future Use.....	46-49		
<u>TRANSMISSION VOLTAGE SERVICE</u>			
Reserved for Future Use.....	50		
Rate TT, Time-of-Day Rate for Service at Transmission Voltage.....	51	07/01/13,	(T)
Reserved for Future Use.....	52-57		
Rider GSS, Generation Support Service.....	58	01/02/07	
Rate RTP-M, Real Time Pricing – Market Based Pricing.....	59	01/02/07	
<u>LIGHTING SERVICE</u>			
Rate SL, Street Lighting Service.....	60	07/01/13,	(T)
Rate TL, Traffic Lighting Service.....	61	07/01/13,	(T)
Rate UOLS, Unmetered Outdoor Lighting.....	62	07/01/13,	(T)
Rate OL-E, Outdoor Lighting Equipment Installation.....	63	01/02/07	
Reserved for Future Use.....	64		
Rate OL, Outdoor Lighting Service.....	65	07/01/13,	(T)
Rate NSU, Street Lighting Service for Non-Standard Units.....	66	07/01/13,	(T)
Rate NSP, Private Outdoor Lighting for Non-Standard Units.....	67	07/01/13,	(T)
Rate SC, Street Lighting Service – Customer Owned.....	68	07/01/13,	(T)
Rate SE, Street Lighting Service – Overhead Equivalent.....	69	07/01/13,	(T)

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 Cancels and Supersedes
 Thirty-Eighth Revised Sheet No. 10
 Page 2 of 3

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INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED (Contd.)

	<u>Sheet No.</u>	<u>Effective Date</u>
TARIFF RIDERS		
Reserved for Future Use.....	70	
Rider TS, Temporary Service.....	71	01/02/07
Rider X, Line Extension.....	72	01/02/07
Rider LM, Load Management Rider.....	73	01/02/07
Reserved for Future Use.....	74	
Rider DSM, Demand Side Management Cost Recovery Program.....	75	01/02/07
Reserved for Future Use.....	76	
Rider PLM, Peak Load Management Program.....	77	01/02/07
Rider DSMR, Demand Side Management Rate.....	78	05/01/12
Rider BDP, Backup Delivery Point Capacity Rider.....	79	01/02/07
FUEL RIDERS		
Rider FAC, Fuel Adjustment Clause.....	80	07/01/13 (T)
Reserved for Future Use.....	81	
Rider PSM, Off-System Sales Profit Sharing Mechanism.....	82	03/01/13
Reserved for Future Use.....	83	
Reserved for Future Use.....	84	
Rider BR, Brownfield Redevelopment Rider.....	85	01/02/07
Rider DIR, Development Incentive Rider.....	86	01/02/07
Reserved for Future Use.....	87	
Rider GP, Green Power Rider.....	88	03/03/10
Rider NM, Net Metering Rider.....	89	05/03/09
MISCELLANEOUS		
Bad Check Charge.....	90	01/02/07
Charge for Reconnection of Service.....	91	01/02/07
Rate CATV, Rate for Pole Attachments of Cable Television Systems.....	92	01/02/07
Cogeneration and Small Power Production Sale and Purchase - 100 kW or Less.....	93	
Cogeneration and Small Power Production Sale and Purchase - Greater Than 100 kW.....	94	04/17/12
Local Franchise Fee.....	95	01/02/07
Rate UDP-R, Underground Residential Distribution Policy.....	96	01/02/07
Rate UDP-G, General Underground Distribution Policy.....	97	01/02/07
Electricity Emergency Procedures for Long Term Fuel Shortages.....	98	01/02/07
Rate RTP, Real Time Pricing Program.....	99	01/02/09
Emergency Electric Procedures.....	100	01/02/07
Rate MDC, Meter Data Charges.....	101	01/02/07
Residential Comprehensive Energy Education Program (NEED) Residential Smart Saver.....	103	04/30/12
Residential Conservation and Energy Education Residential Direct Load Control - Power Manager Program.....	104	04/30/12
Residential Home Energy House Call.....	106	04/30/12
Energy Star Products.....	108	04/30/12
CI High Efficiency Incentive.....	109	04/30/12
Energy Efficiency Website.....	110	04/30/12
Personalized Energy Report.....	113	04/30/12
Smart Saver Custom Program.....	114	04/30/12
Payment Plus.....	115	04/30/12
	116	04/30/12
	117	04/30/12

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 Cancels and Supersedes
 Thirty-Eighth Revised Sheet No. 10
 Page 3 of 3

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INDEX TO APPLICABLE ELECTRIC TARIFF SCHEDULES AND COMMUNITIES SERVED

COMMUNITIES SERVED:

Alexandria	Highland Heights
Bellevue	Independence
Boone County	Kenton County
Bromley	Kenton Vale
Campbell County	Lakeside Park
Cold Spring	Latonia Lakes
Covington	Ludlow
Crescent Park	Melbourne
Crescent Springs	Newport
Crestview	Park Hills
Crestview Hills	Pendleton County
Crittenden	Ryland Heights
Dayton	Silver Grove
Dry Ridge	Southgate
Edgewood	Taylor Mill
Elsmere	Union
Erlanger	Villa Hills
Fairview	Walton
Florence	Wilder
Fort Mitchell	
Fort Thomas	Woodlawn
Fort Wright	
Grant County	

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 30
 Cancels and Supersedes
 Fourth Revised Sheet No. 30
 Page 1 of 2

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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 \$4.50 per month
 - (b) Energy Charge
 All kilowatt hours \$0.079085 per kWh

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2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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

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Fifth Revised Sheet No. 30
Cancels and Supersedes
Fourth Revised Sheet No. 30
Page 2 of 2

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LATE PAYMENT CHARGE

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

TERMS AND CONDITIONS

This rate is available upon application in accordance with the Company's 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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 Fifth Revised Sheet No. 40
 Cancels and Supersedes
 Fourth Revised Sheet No. 40
 Page 1 of 3

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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 \$0.241184 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	\$ 7.50	per month
Three Phase Service	\$ 15.00	per month

(b) Demand Charge

First 15 kilowatts	\$ 0.00	per kW
Additional kilowatts	\$ 7.75	per kW

(c) Energy Charge

First 6,000 kWh	\$0.085274 per kWh
Next 300 kWh/kW	\$0.053748 per kWh
Additional kWh	\$0.044672 per kWh

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2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

The minimum charge shall be the Customer Charge shown above.

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 \$0.148065 per kilowatt-hour plus all applicable riders.

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Fifth Revised Sheet No. 40
Cancels and Supersedes
Fourth Revised Sheet No. 40
Page 2 of 3

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NET MONTHLY BILL (Cont'd)

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.

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

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Cancels and Supersedes
Fourth Revised Sheet No. 40
Page 3 of 3

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POWER FACTOR ADJUSTMENT (Cont'd)

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 5%, is due and payable.

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.

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

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

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 Fifth Revised Sheet No. 41
 Cancels and Supersedes
 Fourth Revised Sheet No. 41
 Page 1 of 4

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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	\$ 7.50 per month
Three Phase	\$ 15.00 per month
Primary Voltage Service	\$100.00 per month
(b) Demand Charge	
Summer	
On Peak kW	\$ 12.75 per kW
Off Peak kW	\$ 1.15 per kW
Winter	
On Peak kW	\$ 12.07 per kW
Off Peak kW	\$ 1.15 per kW
(c) Energy Charge	
Summer On Peak kWh	\$0.047824 per kWh
Winter On Peak kWh	\$0.045824 per kWh
Off Peak kWh	\$0.039824 per kWh

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 Fifth Revised Sheet No. 41
 Cancels and Supersedes
 Fourth Revised Sheet No. 41
 Page 2 of 4

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Low Load Factor Optional Rate – Pilot Program

Customers with annual load factors of 45% or lower are eligible to receive service at the following rates. Annual load factor is defined as the sum of the kWh during the prior year divided by the sum of the kW during the prior year divided by 730. This pilot program low load factor optional rate will remain in effect through December 31, 2007. The Company may apply to continue this pilot program beyond December 31, 2007, subject to Commission approval.

Base Rate

(a) Customer Charge		
Single Phase	\$ 7.50	per month
Three Phase	\$ 15.00	per month
Primary Voltage Service	\$100.00	per month
(b) Demand Charge		
Summer		
On Peak kW	\$ 11.90	per kW
Off Peak kW	\$ 1.15	per kW
Winter		
On Peak kW	\$ 10.54	per kW
Off Peak kW	\$ 1.15	per kW
(c) Energy Charge		
Summer On Peak kWh	\$0.050486	per kWh
Winter On Peak kWh	\$0.048486	per kWh
Off Peak kWh	\$0.042486	per kWh

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2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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 that period represented by the Company's billing for the four (4) revenue months of June through September.

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Cancels and Supersedes
Fourth Revised Sheet No. 41
Page 3 of 4

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The winter period is defined as that period represented by the Company's billing for the eight (8) revenue months of January through May and October through December.

RATING PERIODS

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

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

METERING

The company may meter at secondary or primary voltage as circumstances warrant. If the Company elects to meter at 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:

- First 1,000 kW of On Peak billing demand at \$0.65 per kW.
- Additional kW of On Peak billing demand at \$0.50 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.

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

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4580 Olympic Blvd.
Erlanger, Kentucky 41018

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 41
Cancels and Supersedes
Fourth Revised Sheet No. 41
Page 4 of 4

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the date the bill is mailed by the Company. When not so paid, the Gross Monthly Bill, which is the Net Monthly Bill plus 5%, is due and payable.

TERMS AND CONDITIONS

The initial term of contract shall be for a 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 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 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.

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
Fifth Revised Sheet No. 42
Cancels and Supersedes
Fourth Revised Sheet No. 42
Page 1 of 2

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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 secondary voltage.

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	\$ 7.50 per month
Three Phase Service	\$ 15.00 per month
Primary Voltage Service	\$ 100.00 per month

(b) Energy Charge

All kWh \$0.065153 per kWh

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2. Applicable Riders

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

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

The minimum charge shall be the Customer Charge stated above.

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.

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 42
Cancels and Supersedes
Fourth Revised Sheet No. 42
Page 2 of 2

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NET MONTHLY BILL (Contd.)

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 5%, is due and payable.

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.

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
Fifth Revised Sheet No. 43
Cancels and Supersedes
Fourth Revised Sheet No. 43
Page 1 of 2

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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. This rate is available only to customers to whom service was supplied in accordance with its terms on June 25, 1981.

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 \$7.50 per month
 - (b) Energy Charge \$0.104227 per kWh

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2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
Sheet No. 78, Rider DSMR, Demand Side Management Rider
Sheet No. 80, Rider FAC, Fuel Adjustment Clause
Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider -- Electric
Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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 of \$25.00 is applicable to each season to cover in part the cost of reconnection of service.

LATE PAYMENT CHARGE

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

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 43
Cancels and Supersedes
Fourth Revised Sheet No. 43
Page 2 of 2

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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.

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
 Fifth Revised Sheet No. 44
 Cancels and Supersedes
 Fourth Revised Sheet No. 44
 Page 1 of 2

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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 \$0.084352 per kWh

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(b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.096576 per kWh

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2. Applicable Riders

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

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

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

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LATE PAYMENT CHARGE

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

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 44
Cancels and Supersedes
Fourth Revised Sheet No. 44
Page 2 of 2

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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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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 45
 Cancels and Supersedes
 Fourth Revised Sheet No. 45
 Page 1 of 3

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RATE DP

SERVICE AT PRIMARY DISTRIBUTION VOLTAGE

APPLICABILITY

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

1. Base Rate

(a) Customer Charge			
Primary Voltage Service (12.5 or 34.5 kV)	\$	100.00	per month
(b) Demand Charge			
All kilowatts	\$	7.08	per kW
(c) Energy Charge			
First 300 kWh/kW	\$	0.054697	per kWh
Additional kWh	\$	0.046827	per kWh

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2. Applicable Riders

The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 78, Rider DSMR, Demand Side Management Rider
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 45
Cancels and Supersedes
Fourth Revised Sheet No. 45
Page 2 of 3

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NET MONTHLY BILL (Contd.)

The minimum charge shall be the Customer Charge shown above.

PRIMARY VOLTAGE METERING DISCOUNT

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

DEMAND

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

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

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

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

POWER FACTOR ADJUSTMENT

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

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

a. Continuous measurement

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

b. Testing

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

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 45
 Cancels and Supersedes
 Fourth Revised Sheet No. 45
 Page 3 of 3

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LATE PAYMENT CHARGE

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

TERMS AND CONDITIONS

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

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

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

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

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

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

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 51
 Cancels and Supersedes
 Fourth Revised Sheet No. 51
 Page 1 of 3

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RATE TT

TIME-OF-DAY RATE FOR SERVICE AT TRANSMISSION VOLTAGE

APPLICABILITY

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

- 1. Base Rate
 - (a) Customer Charge \$ 500.00 per month
 - (b) Demand Charge
 - Summer
 - On Peak kW \$ 7.60 per kW
 - Off Peak kW \$ 1.15 per kW
 - Winter
 - On Peak kW \$ 6.24 per kW
 - Off Peak kW \$ 1.15 per kW
 - (c) Energy Charge
 - All kWh \$0.046277 per kWh

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2. Applicable Riders

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

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

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

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Fifth Revised Sheet No. 51
Cancels and Supersedes
Fourth Revised Sheet No. 51
Page 2 of 3

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NET MONTHLY BILL (Contd.)

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

RATING PERIODS

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

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

METERING

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

DEMAND

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

POWER FACTOR ADJUSTMENT

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

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

LATE PAYMENT CHARGE

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

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4580 Olympic Blvd.
Erlanger, KY 41018

KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 51
Cancels and Supersedes
Fourth Revised Sheet No. 51
Page 3 of 3

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TERMS AND CONDITIONS

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

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

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

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

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

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Fifth Revised Sheet No. 60
Cancels and Supersedes
Fourth Revised Sheet No. 60
Page 1 of 6

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RATE SL

STREET LIGHTING SERVICE

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 60
 Cancels and Supersedes
 Fourth Revised Sheet No. 60
 Page 2 of 6

NET MONTHLY BILL (Contd.)

1. Base Rate

OVERHEAD DISTRIBUTION AREA

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.193	803	\$ 7.35
7,000 lumen (Open Refractor)	175	0.205	853	\$ 5.20
10,000 lumen	250	0.275	1,144	\$ 8.56
21,000 lumen	400	0.430	1,789	\$11.53
Metal Halide				
14,000 lumen	175	0.193	803	\$ 7.35
20,500 lumen	250	0.275	1,144	\$ 8.56
36,000 lumen	400	0.430	1,789	\$11.53
Sodium Vapor				
9,500 lumen	100	0.117	487	\$ 8.01
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.05
16,000 lumen	150	0.171	711	\$ 8.80
22,000 lumen	200	0.228	948	\$11.41
27,500 lumen	250	0.275	948	\$11.41
50,000 lumen	400	0.471	1,959	\$15.54
Decorative Fixtures				
Sodium Vapor				
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.92
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.40
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.59
50,000 lumen (Setback)	400	0.471	1,959	\$24.38

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

Spans of Secondary Wiring:

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

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 60
 Cancels and Supersedes
 Fourth Revised Sheet No. 60
 Page 3 of 6

NET MONTHLY BILL (Contd.)

UNDERGROUND DISTRIBUTION AREA	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.210	874	\$ 7.50*
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.20*
10,000 lumen	250	0.292	1,215	\$ 8.72*
21,000 lumen	400	0.460	1,914	\$11.83*
Metal Halide				
14,000 lumen	175	0.210	874	\$ 7.50*
20,500 lumen	250	0.292	1,215	\$ 8.72*
36,000 lumen	400	0.460	1,914	\$11.83*
Sodium Vapor				
9,500 lumen	100	0.117	487	\$ 8.01*
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.13*
	150		711	\$ 8.77
16,000 lumen		0.171		
22,000 lumen	200	0.228	948	\$11.41*
50,000 lumen	400	0.471	1,959	\$15.54*
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.74*
7,000 lumen (Holophane)	175	0.210	874	\$9.66*
7,000 lumen (Gas Replica)	175	0.210	874	\$21.74*
7,000 lumen (Granville)	175	0.205	853	\$ 7.82*
7,000 lumen (Aspen)	175	0.210	874	\$13.87
Metal Halide				
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.74
14,000 lumen (Granville Acorn)	175	0.210	874	\$13.87
14,000 lumen (Gas Replica)	175	0.210	874	\$21.83
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	\$11.07
9,500 lumen (Holophane)	100	0.128	532	\$12.00
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.97
9,500 lumen (Gas Replica)	100	0.128	532	\$22.42
9,500 lumen (Aspen)	100	0.128	532	\$13.95
9,500 lumen (Traditionaire)	100	0.117	487	\$11.07
9,500 lumen (Granville Acorn)	100	0.128	532	\$13.95
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.46
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.65
50,000 lumen (Setback)	400	0.471	1,959	\$24.38

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 Fifth Revised Sheet No. 60
 Cancels and Supersedes
 Fourth Revised Sheet No. 60
 Page 4 of 6

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NET MONTHLY BILL (Contd.)

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

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

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

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

2. Base Fuel Cost
 The rates per unit shown above include a charge of \$0.027466 per kilowatt-hour reflecting the base cost of fuel.

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

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Fifth Revised Sheet No. 60
Cancels and Supersedes
Fourth Revised Sheet No. 60
Page 5 of 6

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LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

GENERAL CONDITIONS

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

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Fifth Revised Sheet No. 60
Cancels and Supersedes
Fourth Revised Sheet No. 60
Page 6 of 6

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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, as provided by law.

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Fifth Revised Sheet No. 61
Cancels and Supersedes
Fourth Revised Sheet No. 61
Page 1 of 2

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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 \$0.041695 per kilowatt-hour;
- (b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.021078 per kilowatt-hour.
- (c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at \$0.062774 per kilowatt-hour.

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2. Applicable Riders

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

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

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Fifth Revised Sheet No. 61
Cancels and Supersedes
Fourth Revised Sheet No. 61
Page 2 of 2

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GENERAL CONDITIONS

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

LIMITED MAINTENANCE

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

SERVICE REGULATIONS

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

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 Fifth Revised Sheet No. 62
 Cancels and Supersedes
 Fourth Revised Sheet No. 62
 Page 1 of 2

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**RATE UOLS
 UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE**

APPLICABILITY

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

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

CONTRACT FOR SERVICE

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

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

LIGHTING HOURS

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

NET MONTHLY BILL

Computed in accordance with the following charge:

1. Base Rate
 All kWh \$0.041110 per kWh
2. Applicable Riders
 The following riders are applicable pursuant to the specific terms contained within each rider:
 Sheet No. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

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Fifth Revised Sheet No. 62
Cancels and Supersedes
Fourth Revised Sheet No. 62
Page 2 of 2

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LATE PAYMENT CHARGE

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

OWNERSHIP OF SERVICE LINES

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

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

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

SERVICE REGULATIONS

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Fourth Revised Sheet No. 65
Page 1 of 4

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OUTDOOR LIGHTING SERVICE

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

1. Base Rate

A. Private outdoor lighting units:

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

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

KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 65
 Cancels and Supersedes
 Fourth Revised Sheet No. 65
 Page 2 of 4

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NET MONTHLY BILL (Contd.)

	Lamp Watts	kW/ Luminaire	Annual kWh	Rate/Unit
Standard Fixtures (Cobra Head)				
Mercury Vapor				
7,000 lumen (Open Refractor)	175	0.205	853	\$ 8.99
7,000 lumen	175	0.210	874	\$11.43
10,000 lumen	250	0.292	1,215	\$13.40
21,000 lumen	400	0.460	1,914	\$17.33
Metal Halide				
14,000 lumen	175	0.210	874	\$11.43
20,500 lumen	250	0.307	1,215	\$13.42
36,000 lumen	400	0.460	1,914	\$17.33
Sodium Vapor				
9,500 lumen (Open Refractor)				
9,500 lumen	100	0.117	487	\$ 7.82
9,500 lumen	100	0.117	487	\$10.13
16,000 lumen	150	0.171	711	\$11.49
22,000 lumen	200	0.228	948	\$12.75
27,500 lumen	250	0.228	948	\$12.75
50,000 lumen	400	0.471	1,959	\$15.12
Decorative Fixtures (a)				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	\$13.64
7,000 lumen (Holophane)	175	0.210	874	\$17.50
7,000 lumen (Gas Replica)	175	0.210	874	\$41.92
7,000 lumen (Aspen)	175	0.210	874	\$26.03
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	\$21.24
9,500 lumen (Holophane)	100	0.128	532	\$23.02
9,500 lumen (Rectilinear)	100	0.117	487	\$18.93
9,500 lumen (Gas Replica)	100	0.128	532	\$44.10
9,500 lumen (Aspen)	100	0.128	532	\$26.79
9,500 lumen (Traditionaire)	100	0.117	487	\$21.24
9,500 lumen (Granville Acorn)	100	0.128	532	\$26.79
22,000 lumen (Rectilinear)	200	0.246	1,023	\$22.68
50,000 lumen (Rectilinear)	400	0.471	1,959	\$28.97
50,000 lumen (Setback)	400	0.471	1,959	\$44.74

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

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 65
 Cancels and Supersedes
 Fourth Revised Sheet No. 65
 Page 3 of 4

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NET MONTHLY BILL (Contd.)

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

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

	Lamp Watts	kW/ Luminaire	Annual kWh	Rate/Unit
Mercury Vapor 21,000 lumen	400	0.460	1,914	\$17.34
Metal Halide 20,500 lumen	250	0.307	1,215	\$13.40
36,000 lumen	400	0.460	1,914	\$17.34
Sodium Vapor 22,000 lumen	200	0.246	1,023	\$12.69
30,000 lumen	250	0.312	1,023	\$12.69
50,000 lumen	400	0.480	1,997	\$15.95

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

2. Base Fuel Cost

The rates per unit shown above include \$0.027466 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. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

GENERAL CONDITIONS

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

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Fifth Revised Sheet No. 65
Cancels and Supersedes
Fourth Revised Sheet No. 65
Page 4 of 4

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GENERAL CONDITIONS (Contd.)

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

TERM OF SERVICE

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

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

SERVICE REGULATIONS

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

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 Fifth Revised Sheet No. 66
 Cancels and Supersedes
 Fourth Revised Sheet No. 66
 Page 1 of 3

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RATE NSU

**STREET LIGHTING SERVICE
 NON-STANDARD UNITS**

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

1. Base Rate

A. Company owned

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
1. Boulevard units served underground				
a. 2,500 lumen Incandescent - Series	148	0.148	616	\$9.41
b. 2,500 lumen Incandescent - Multiple	189	0.189	786	\$7.40
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	\$17.15

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 Fifth Revised Sheet No. 66
 Cancels and Supersedes
 Fourth Revised Sheet No. 66
 Page 2 of 3

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NET MONTHLY BILL (Contd.)

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

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
3. Street light units served overhead distribution				
a. 2,500 lumen Incandescent	189	0.189	786	\$ 7.34
b. 2,500 lumen Mercury Vapor	100	0.109	453	\$ 6.85
c. 21,000 lumen Mercury Vapor	400	0.460	1,914	\$ 11.24
B. Customer owned				
	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
1. Steel boulevard units served underground with limited maintenance by Company				
a. 2,500 lumen Incandescent – Series	148	0.148	616	\$ 5.63
b. 2,500 lumen Incandescent – Multiple	189	0.189	786	\$ 7.16

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2. Base Fuel Cost
 The rates per unit shown above include \$0.027466 per kilowatt-hour reflecting the base cost of fuel.

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

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

GENERAL CONDITIONS

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

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Fifth Revised Sheet No. 66
Cancels and Supersedes
Fourth Revised Sheet No. 66
Page 3 of 3

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GENERAL CONDITIONS (Contd.)

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

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

SERVICE REGULATIONS

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

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KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 67
 Cancels and Supersedes
 Fourth Revised Sheet No. 67
 Page 1 of 3

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RATE NSP

PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

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

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
2,500 lumen Mercury, Open Refractor.....	100	0.115	478	\$ 7.94
2,500 lumen Mercury, Enclosed Refractor.....	100	0.115	478	\$10.81

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 Fifth Revised Sheet No. 67
 Cancels and Supersedes
 Fourth Revised Sheet No. 67
 Page 2 of 3

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NET MONTHLY BILL (Contd.)

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

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

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
7,000 lumens Mercury, Mounted on a 17-foot Fiberglass Pole	175	0.205	853	\$14.80
7,000 lumen Mercury, Mounted on a 17-foot Wood Laminated Pole (a)	175	0.205	853	\$14.80
7,000 lumen Mercury, Mounted on a 30-foot Wood Pole	175	0.205	853	\$13.70
9,500 lumen Sodium Vapor, TC 100 R.	100	0.117	487	\$11.36

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

C. Flood lighting units served in overhead distribution areas:

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

	Lamp Watt	kW/Fixture	Annual kWh	Rate/Unit
52,000 lumen Mercury (35-foot Wood Pole)	1,000	1.102	4,584	\$29.94
52,000 lumen Mercury (50-foot Wood Pole)	1,000	1.102	4,584	\$33.55
50,000 lumen Sodium Vapor.	400	0.471	1,959	\$20.38

2. Base Fuel Cost

The rates per unit shown above include \$0.027466 per kilowatt-hour reflecting the base cost of fuel.

3. Applicable Riders

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

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 67
Cancels and Supersedes
Fourth Revised Sheet No. 67
Page 3 of 3

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GENERAL CONDITIONS

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

SERVICE REGULATIONS

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

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 Fifth Revised Sheet No. 68
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 Fourth Revised Sheet No. 68
 Page 1 of 4

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RATE SC

STREET LIGHTING SERVICE - CUSTOMER OWNED

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

1. Base Rate	Lamp Watts	kW/Unit	Annual kWh	Rate/Unit	
Fixture Description					
Standard Fixture (Cobra Head)					
Mercury Vapor					
7,000 lumen	175	0.193	803	\$4.43	Δ(I)
10,000 lumen	250	0.275	1,144	\$5.68	Δ(I)
21,000 lumen	400	0.430	1,789	\$7.94	Δ(I)
Metal Halide					
14,000 lumen	175	0.193	803	\$4.43	Δ(I)
20,500 lumen	250	0.275	1,144	\$5.68	Δ(I)
36,000 lumen	400	0.430	1,789	\$7.94	Δ(I)

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 Erlanger, KY 41018

KY.P.S.C. Electric No. 2
 Fifth Revised Sheet No. 68
 Cancels and Supersedes
 Fourth Revised Sheet No. 68
 Page 2 of 4

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NET MONTHLY BILL (Contd.)

	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
Sodium Vapor				
9,500 lumen	100	0.117	487	\$ 5.18 (I)
16,000 lumen	150	0.171	711	\$ 5.84 (I)
22,000 lumen	200	0.228	948	\$ 6.45 (I)
27,500 lumen	250	0.228	948	\$ 6.45 (I)
50,000 lumen	400	0.471	1,959	\$ 8.95 (I)
Decorative Fixture				
Mercury Vapor				
7,000 lumen (Holophane)	175	0.210	874	\$ 5.58 (I)
7,000 lumen (Town & Country)	175	0.205	853	\$ 5.53 (I)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.58 (I)
7,000 lumen (Aspen)	175	0.210	874	\$ 5.58 (I)
Metal Halide				
14,000 lumen (Traditionaire)	175	0.205	853	\$ 5.53 (I)
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 5.58 (I)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 5.58 (I)
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	\$ 5.10 (I)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 5.10 (I)
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.34 (I)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 5.10 (I)
9,500 lumen (Aspen)	100	0.128	532	\$ 5.34 (I)
9,500 lumen (Holophane)	100	0.128	532	\$ 5.34 (I)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.34 (I)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 6.85 (I)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 9.24 (I)

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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.

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

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 68
Cancels and Supersedes
Fourth Revised Sheet No. 68
Page 3 of 4

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NET MONTHLY BILL (Contd.)

Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be \$0.039391 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.

2. Base Fuel Cost

The rates per unit shown above include \$0.027466 per kilowatt-hour reflecting the base cost of fuel.

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3. Applicable Riders

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

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

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

GENERAL CONDITIONS

- (1) If the customer requires the installation of a unit at a location which requires the extension, relocation, or rearrangement of the Company's distribution system, the customer shall, in addition to the monthly charge, pay the Company on a time and material basis, plus overhead charges, the cost of such extension, relocation, or rearrangement, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Installation of street lighting units will be predicated on the ability of the Company to obtain, without cost to itself or the payment or other consideration, all easements and rights-of-way which, in the opinion of the Company, are necessary for the construction, maintenance and operation of the street lights, standards, anchors and/or service wires. If such easements and rights-of-way cannot be so obtained, the Company shall have no obligation hereunder to install such units.

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 68
Cancels and Supersedes
Fourth Revised Sheet No. 68
Page 4 of 4

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GENERAL CONDITIONS (Contd.)

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

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

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

SERVICE REGULATIONS

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

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KY.P.S.C. Electric No. 2
Fifth Revised Sheet No. 69
Cancels and Supersedes
Fourth Revised Sheet No. 69
Page 1 of 3

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RATE SE

STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

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KY P.S.C. Electric No. 2
 Fifth Revised Sheet No. 69
 Cancels and Supersedes
 Fourth Revised Sheet No. 69
 Page 2 of 3

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NET MONTHLY BILL (Contd.)

1. Base Rate

Fixture Description	Lamp Watt	kW/Unit	Annual kWh	Rate/Unit
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.55
7,000 lumen (Holophane)	175	0.210	874	\$ 7.59
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7.59
7,000 lumen (Aspen)	175	0.210	874	\$ 7.59
Metal Halide				
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.55
14,000 lumen (Granville Acorn)	175	0.210	874	\$ 7.59
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7.59
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.10
9,500 lumen (Holophane)	100	0.128	532	\$ 8.21
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.10
9,500 lumen (Gas Replica)	100	0.128	532	\$ 8.20
9,500 lumen (Aspen)	100	0.128	532	\$ 8.20
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.10
9,500 lumen (Granville Acorn)	100	0.128	532	\$ 8.20
22,000 lumen (Rectilinear)	200	0.246	1,023	\$11.73
50,000 lumen (Rectilinear)	400	0.471	1,959	\$15.70
50,000 lumen (Setback)	400	0.471	1,959	\$15.70

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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 \$0.027466 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. 80, Rider FAC, Fuel Adjustment Clause
 Sheet No. 81, Rider MSR-E, Merger Savings Credit Rider – Electric
 Sheet No. 82, Rider PSM, Profit Sharing Mechanism

LATE PAYMENT CHARGE

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

TERM OF SERVICE

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

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KY.P.S.C. Electric No 2
Fifth Revised Sheet No. 69
Cancels and Supersedes
Fourth Revised Sheet No. 69
Page 3 of 3

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GENERAL CONDITIONS

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

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

- (6) When a street lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.
- (7) The contribution only provides for replacement of these facilities due to occasional damage or premature malfunction. It does not cover replacement at end of life.

SERVICE REGULATIONS

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

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 Fifth Revised Sheet No. 80
 Cancels and Supersedes
 Fourth Revised Sheet No. 80
 Page 1 of 2

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**RIDER FAC
 FUEL ADJUSTMENT CLAUSE**

APPLICABLE

In all territory service.

AVAILABILITY OF SERVICE

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

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

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.027466 \text{ per kWh}$$

Where F is the expense in the second preceding month and S is the sales in the second preceding month, as defined in (1)

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

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Fifth Revised Sheet No. 80
Cancels and Supersedes
Fourth Revised Sheet No. 80
Page 2 of 2

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AVAILABILITY OF SERVICE (Contd.)

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

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

Add:

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

Subtract:

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

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STAFF-DR-01-018

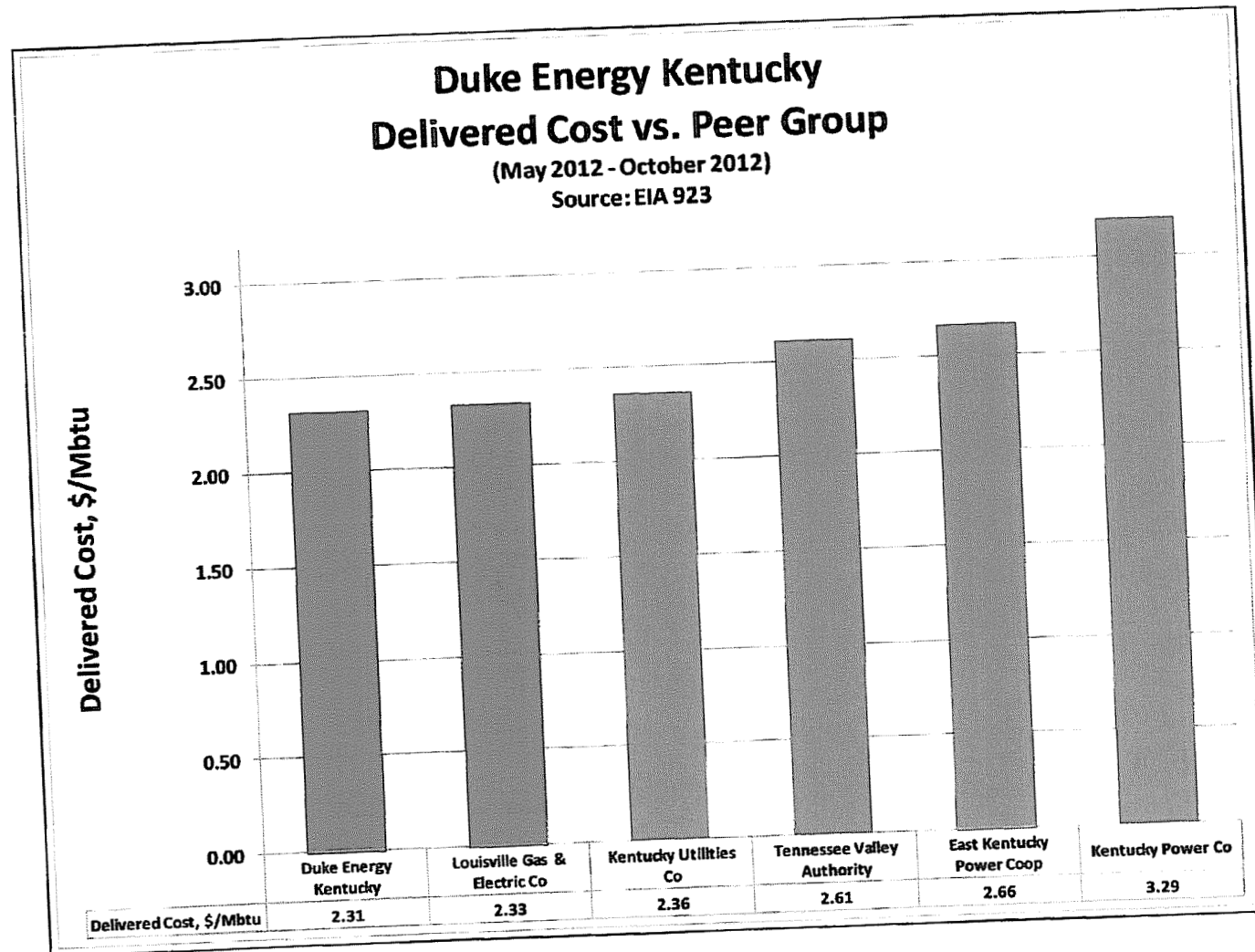
REQUEST:

- a. State whether Duke Kentucky regularly compares the price of its coal purchases with those paid by other electric utilities.
- b. If the response is yes, state:
 1. The utilities that are included in this comparison and their locations; and
 2. How Duke Kentucky's prices compare with those of the other utilities for the review period. Include all prices used in the comparison in cents per MMbtu.

RESPONSE:

- a. Duke Energy Kentucky compares its delivered coal prices to those paid by other major Kentucky electric utilities for their plants located in Kentucky. Please see Staff-DR-01-018 Attachment, derived from EIA 923 data.
- b. See STAFF-DR-01-018 Attachment.

PERSON RESPONSIBLE: Elliott Batson, Jr.



STAFF-DR-01-019

REQUEST:

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

- a. Rail;
- b. Truck; and
- c. Barge.

RESPONSE:

East Bend:

- a. 0% Rail
- b. 0% Truck
- c. 100% Barge

Miami Fort #6:

- a. 0% Rail
- b. 0% Truck
- c. 100% Barge

Woodsdale:

N/A

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliott Batson, Jr.

STAFF-DR-01-020

REQUEST:

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

RESPONSE:

East Bend:

Currently, East Bend can receive coal deliveries by barge and truck (limited quantities).

Miami Fort #6:

Currently, Miami Fort #6 can receive coal deliveries by barge and truck (limited quantities).

Woodsdale:

N/A

PERSON RESPONSIBLE: Elliott Batson, Jr.

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-021

REQUEST:

- a. State Duke Kentucky's coal inventory level in tons and in number of days' supply as of October 31, 2012. Provide this information by generating station and in the aggregate.
- b. Describe the criteria used to determine the number of days' supply.
- c. Compare Duke Kentucky's coal inventory as of October 31, 2012 to its inventory target for that date for each plant and for total inventory.
- d. If actual coal inventory exceeds inventory target by 10 days' supply, state the reasons for the additional inventory.
- e. (1) State whether Duke Kentucky expects any significant changes in its current coal inventory target within the next 12 months.

(2) If the response is yes, state the expected change and the reasons for this change.

RESPONSE

- a. Duke Energy Kentucky's total aggregate inventory across the system as of October 31, 2012 was 349,642.03 tons, or 43.71 days.

EAST BEND:

- a. As of October 31, 2012, total station inventory at East Bend was 299,635.65 tons or 46.10 days.
- b. The number of days supply is computed by dividing an ending daily coal inventory figure stated in tons by the Full Load Burn per day figure of 6,500 tons.
- c. Inventory target is approximately 40 days compared to actual days inventory on October 31, 2012 of 46.10 days.

d. N/A

- e. 1. No
2. N/A

MIAMI FORT #6:

- a. As of October 31, 2012, total Station inventory at Miami Fort #6 was 50,006.38 tons or 33 days.
- b. The number of days supply is computed by dividing an ending daily coal inventory figure stated in tons by the Full Load Burn per day figure of 1,500 tons.
- c. Inventory target is approximately 40 days compared to the 33 days inventory the station had as of October 31, 2012.
- d. N/A
- e. 1. No.
2. N/A

WOODSDALE:

N/A

PERSON RESPONSIBLE: Elliott Batson, Jr.

STAFF-DR-01-022

REQUEST:

- a. State whether Duke Kentucky has audited any of its coal contracts during the period from May 1, 2012 to October 31, 2012.
- b. If the response is yes, for each audited contract:
 1. Identify the contract;
 2. Identify the auditor;
 3. State the results of the audit; and
 4. Describe the actions that Duke Kentucky took as a result of the audit.

RESPONSE:

EAST BEND:

- a. No.
- b. N/A

MIAMI FORT #6:

- a. No.
- b. N/A

WOODSDALE:

N/A

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliot Batson, Jr.

STAFF-DR-01-023

REQUEST:

- a. State whether Duke Kentucky has received any customer complaints regarding its FAC during the period from May 1, 2012 to October 31, 2012.
- b. If the response is yes, for each complaint, state:
 1. The nature of the complaint; and
 2. Duke Kentucky's response.

RESPONSE:

Duke Energy Kentucky has not received any customer complaints regarding its FAC during the period from May 1, 2012 through October 31, 2012.

PERSON RESPONSIBLE: Lisa Steinkuhl

STAFF-DR-01-024

REQUEST:

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

RESPONSE:

EAST BEND:

- a. No.
- b. N/A
- c. N/A

MIAMI FORT #6:

- a. No.
- b. N/A
- c. N/A

WOODSDALE:

N/A

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliot Batson, Jr.

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

**STAFF-DR-01-025
PUBLIC**

REQUEST:

List each written coal supply solicitation issued during the period May 1, 2012 to October 31, 2012

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

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-026 PUBLIC

REQUEST:

List each oral solicitation for coal supplies issued during the period May 1, 2012 to October 31, 2012.

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

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-027

REQUEST:

For the period from May 1, 2012 to October 31, 2012, list each vendor from whom coal was purchased and the quantity and nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract. For contract purchases, state whether the contract has been filed with Commission. If the response is no, explain why it has not been filed.

RESPONSE:

Please see Staff-DR-01-027 Attachment.

PERSON RESPONSIBLE: Elliott Batson, Jr.

Duke Energy Kentucky

<u>VENDOR</u>	<u>PURCHASE TONNAGE</u>	<u>PURCHASE TYPE</u>	<u>Contract #</u>	<u>Filed with Commission</u>	<u>If no, Explain why</u>
Alliance Coal LLC	100,060	Contract	HC10146	3/17/2011	
American Coal Co C	175,320	Contract	2673356	3/17/2011	
Charolais	125,078	Contract	HC10053	12/31/2007	
CNRG CAO E	38,000	Spot			*
Foresight Coal Sales, LLC	38,760	Contract	HC10162	9/30/2011	
Koch Carbon, LLC	18,082	Spot			*
Patriot Coal Sales	149,304	Contract	HC10136	3/17/2011	
Patriot Coal Sales	135,906	Contract	HC10137	3/17/2011	
Patriot Coal Sales	51,037	Contract	HC10148	6/3/2011	
Rhino Energy LLC	94,785	Contract	HC10128	3/17/2011	
SMCC AGF Resource Sales	57,541	Contract	HC10116	6/3/2011	
Tunnel Ridge, LLC	111,113	Spot			*
	<u>1,094,986</u>				
	84.73%	Contract			
	15.27%	Spot			

* Spot Contracts are not filed with the Commission

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-028

REQUEST:

For the period from May 1, 2012 to October 31, 2012, list each vendor from whom natural gas was purchased for generation and the quantity and nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract. For contract purchases, state whether the contract has been filed with the Commission. If the response is no, explain why it has not been filed.

RESPONSE:

Duke Energy Kentucky purchased the following quantities of spot natural gas from Sequent Energy Management LP for generation at Woodsdale Station:

May 2012	10,000 MMBtu
June 2012	105,000 MMBtu
July 2012	105,000 MMBtu
August 2012	58,167 MMBtu
September 2012	15,000 MMBtu
October 2012	7,834 MMBtu

PERSON RESPONSIBLE: Lisa Steinkuhl

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-029

REQUEST:

State whether Duke Kentucky engages in hedging activities for its coal or natural gas purchases used for generation. If the response is yes, describe the hedging activities in detail.

RESPONSE:

EAST BEND & MIAMI FORT #6: Duke Energy Kentucky does not engage in hedging transactions with respect to coal purchases. Duke Energy Kentucky contracts for physical deliveries of coal through fixed term coal transactions within a balanced portfolio of purchases. The Company also maintains a portfolio with multiple suppliers to mitigate potential supply interruption risk.

WOODSDALE: Historically, Duke Energy Kentucky has not engaged in hedging transactions with respect to gas purchase for Woodsdale due to the low amounts of forecasted generation from the station. Even with recent low natural gas prices, forecasted generation levels from Woodsdale Station remain relatively low. In the event that forecasted generation levels from Woodsdale Station were significant, Duke Energy Kentucky may engage in gas hedging transactions for expected gas burn at Woodsdale Station.

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliott Batson, Jr.

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-030

REQUEST:

For each generating station or unit for which a separate coal pile is maintained, state for the period from May 1, 2012 to October 31, 2012 the actual amount of coal burned in tons, actual amount of coal deliveries in tons, total kWh generated, and actual capacity factor at which the plant operated.

RESPONSE:

Plant	Coal Burn (Tons)	Coal Receipts (Tons)	Net MWH	Capacity Factor (Net MWH) / period hrs x MW rating)
East Bend	610,635	858,396	1,283,269	70.2%
Miami Fort 6	220,589	236,590	496,935	69.0%

(1) Duke Energy Kentucky's ownership share

(2) 100% of coal received at the station

PERSON RESPONSIBLE: Lisa Steinkuhl

STAFF-DR-01-031

REQUEST:

- a. During the period from May 1, 2012 to October 31, 2012, have there been any changes to Duke Kentucky's written policies and procedures regarding its fuel procurement?
- b. If yes,
 1. Describe the changes;
 2. State the date(s) the changes were made;
 3. Explain why the changes were made; and
 4. Provide the written policies and procedures as changed.
- c. If no, provide the date when Duke Kentucky's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.

RESPONSE:

EAST BEND:

- a. No
- b. N/A
- c. The procurement policy was last updated on 12/01/10 from a previous version in effect as of 8/25/09. The updated fuel policy was provided to the Commission under confidential seal in Case No. 2011-249 on September 13, 2011 in response to Staff-DR-01-015. This Commission granted confidential treatment on October 13, 2011.

Miami Fort #6:

- a. No
- b. N/A
- c. The procurement policy was last updated on 12/01/10 from a previous version in effect as of 8/25/09. The updated fuel policy was provided to the Commission under confidential seal in Case No. 2011-249 on September 13, 2011 in response to Staff-DR-01-015. This Commission granted confidential treatment on October 13, 2011.

Woodsdale:

- a. No
- b. N/A
- c. The Franchised Electric Risk Management and Gas Risk Limits was revised October 2011 and Franchised Electric Risk Management Policy Manual was revised August 2011. The updated policies were provided to the Commission under confidential seal in Case No. 2011-486 on February 15, 2012 in response to Staff-DR-01-015. This Commission granted confidential treatment on March 7, 2012.

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliott Batson, Jr.

STAFF-DR-01-032

REQUEST:

- a. State whether Duke Kentucky is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period of May 1, 2012 to October 31, 2012.
- b. If the response is yes, for each violation:
 1. Describe the violation;
 2. Describe the action(s) that Duke Kentucky took upon discovering the violation; and
 3. Identify the person(s) who committed the violation.

RESPONSE:

EAST BEND:

- a. No
- b. N/A

MIAMI FORT #6:

- a. No
- b. N/A

WOODSDALE:

- a. No
- b. N/A

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliott Batson, Jr.

STAFF-DR-01-033

REQUEST:

Identify and explain the reasons for all changes in the organizational structure and personnel of the departments or divisions that are responsible for Duke Kentucky's fuel procurement activities that occurred during the period from May 1, 2012 to October 31, 2012.

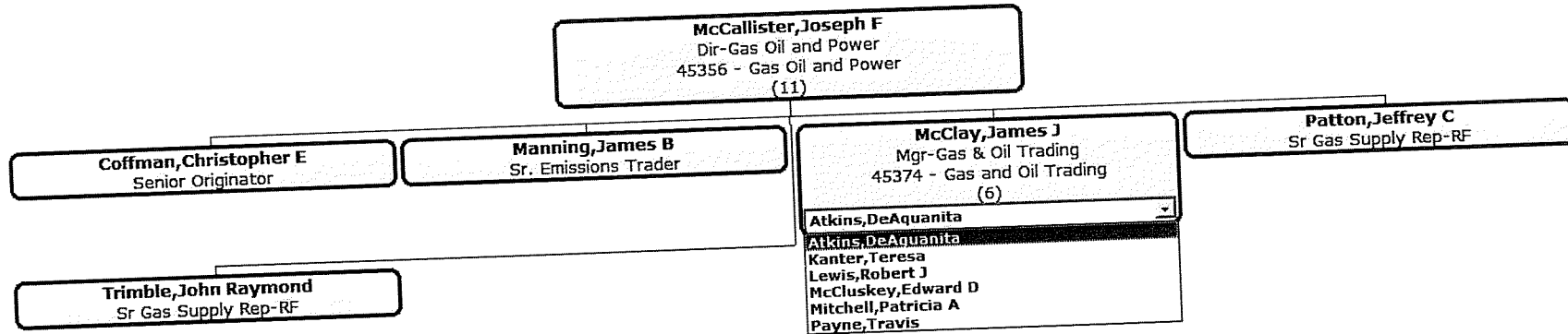
RESPONSE:

EAST BEND & MIAMI FORT #6:

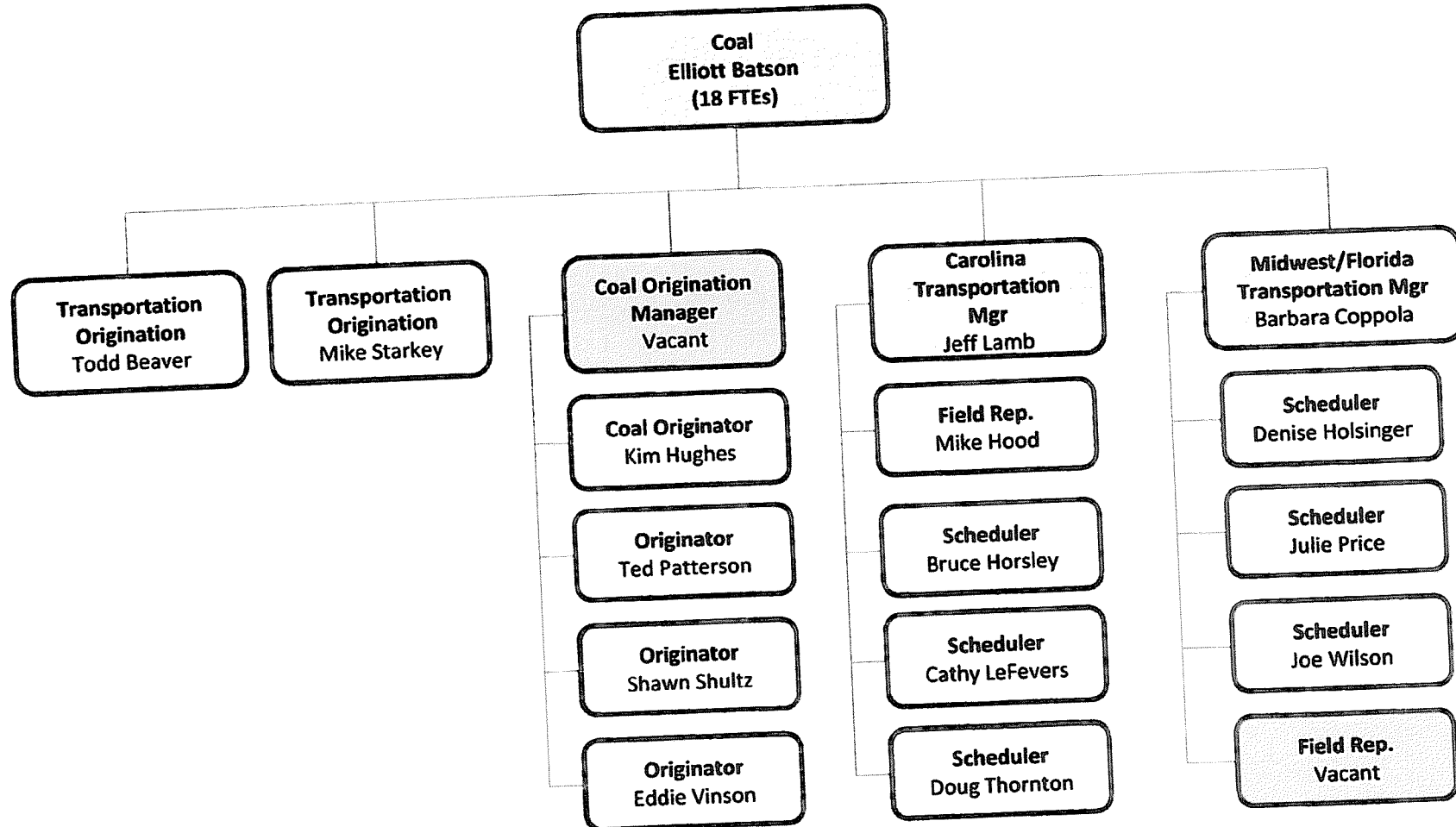
Due to the reorganization that occurred after the Duke Energy and Progress Energy merger on July 1, 2012, the primary Duke Energy coal contact for coal procurement is Shawn Shultz. The current transportation delivery contact continues to be Julie Price. See STAFF-DR-01-033 Attachment for complete Coal Procurement organization chart.

WOODSDALE: Duke Energy Kentucky utilizes Sequent Energy Management, L.P., to schedule and procure natural gas consumed at Woodsdale Station. Following the Duke Energy and Progress Energy merger, Duke Energy has completed transitioning staff responsible for procurement of natural gas to Woodsdale Station. Travis Payne is now the primary Duke Energy contact for natural gas procurement. Please see Staff-DR-01-033 Attachment for further details.

PERSON RESPONSIBLE: John Swez (As to Woodsdale)
Elliott Batson, Jr.



Fuel Procurement



**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-034

REQUEST:

- a. Identify all changes that Duke Kentucky made during the period from May 1, 2012 to October 31, 2012 to its maintenance and operation practices that affect fuel usage at Duke Kentucky's generation facilities.
- b. Describe the impact of these changes on Duke Kentucky's fuel usage.

RESPONSE:

- a. No changes occurred during this time period
- b. N/A

PERSON RESPONSIBLE: John Swez

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-035

REQUEST:

- a. List all intersystem sales during the period from May 1, 2012 to October 31, 2012 in which Duke Kentucky used a third party's transmission system.
- b. For each sale listed above:
 1. Described how Duke Kentucky addressed, for FAC reporting purposes, the cost of fuel expended to cover any line losses incurred to transmit its power across the third party's transmission system; and
 2. State the line-loss factor used for each transaction and describe how such line-loss factor was determined.

RESPONSE:

- a. Duke Energy Kentucky sells 100% of its generation to PJM Interconnection, LLC (PJM). These sales are made at the generating station; consequently, no third party transmission was used.
- b. Not Applicable

PERSON RESPONSIBLE: Lisa Steinkuhl

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-036

REQUEST:

Describe each change that Duke Kentucky made to its methodology for calculating intersystem sales line losses during the period from May 1, 2012 to October 31, 2012.

RESPONSE:

Not Applicable. See response to Staff-DR-01-035.

PERSON RESPONSIBLE: Lisa Steinkuhl

STAFF-DR-01-037

REQUEST:

State whether Duke Kentucky has solicited bids for coal with the restriction that it was not mined through strip mining or mountain top removal. If the response is yes, explain the reasons for the restriction on the solicitation, the quantity in tons and price per ton of the coal purchased as a result of this solicitation, and the difference between the price of this coal and the price it could have obtained for the coal if the solicitation had not been restricted.

RESPONSE:

EAST BEND & MIAMI FORT #6:

Duke Energy Kentucky did not solicit bids during the period May 1, 2011 through October 31, 2012 with a restriction to exclude bids mined through strip mining or mountain top removal.

WOODSDALE:

N/A

PERSON RESPONSIBLE: Elliott Batson, Jr.

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-038

REQUEST:

State whether any PJM costs were included in Duke Kentucky's monthly FAC filings during the period of May 1, 2012 to October 31, 2012. If the response is yes, state the type and amount of the costs.

RESPONSE:

Yes. The total PJM costs/revenues included in Duke Energy Kentucky's monthly FAC filing for the six month period May 1, 2012 to October 31, 2012 were \$20,378,801. The energy costs are purchases made from PJM on an economic dispatch basis. The balancing and day ahead operating reserve credits are payments made to Duke Energy Kentucky because PJM committed the Duke Energy Kentucky's assets and Duke Energy Kentucky did not receive adequate revenue from the LMP to cover the offered costs.

These costs/revenues from PJM are the equivalent to the costs/revenues included in the FAC when the Company was a member of MISO. As explained in Staff-DR-041, the PJM Balancing and Day Ahead Operating Reserve Credit are the equivalent to the MISO Make Whole Payments.

Month/Year (1)	Energy Costs (2)	Balancing and Day Ahead Operating Reserve Credit (3)	Total PJM Costs in FAC Filings (2) less (3)
May 2012	\$2,254,879	\$48,497	\$2,206,382
June 2012	\$1,651,816	\$166,337	\$1,485,479
July 2012	\$8,981,427	\$1,165,764	\$7,815,663
August 2012	\$3,298,988	\$244,918	\$3,054,070
September 2012	\$3,704,841	\$78,324	\$3,626,517
October 2012	\$2,190,690	\$0	\$2,190,690

Total	\$22,082,641	\$1,703,840	\$20,378,801
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PERSON RESPONSIBLE: Lisa Steinkuhl

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-039 PUBLIC

REQUEST:

List Duke Kentucky's generating units in economic dispatch order. State whether Duke Kentucky operated its generating units in economic dispatch order during the period under review. If the response is no, explain.

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

This response has been filed with the Commission under a Petition for Confidential Treatment.

PERSON RESPONSIBLE: N/A

Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013

STAFF-DR-01-040

REQUEST:

In its most recent two-year case, Case No. 2010-00494,¹ the roll-in of fuel costs into Duke Kentucky's base rates was approved using a "flash cut" approach, which resulted in an immediate change from its then-existing base fuel cost to its new base fuel cost, rather than a "transitional approach" in which the first month's fuel cost is an average of the old and new base fuel cost. Duke Kentucky also indicated its preference that any change in base rates be approved on a "bills rendered" basis rather than a "service rendered" basis. If the current FAC review results in changes to its base rates, does Duke Kentucky continue to prefer the same "flash cut" approach on a "bills rendered" basis as authorized in Case No. 2010-00494? Explain

RESPONSE:

Duke Energy Kentucky prefers the "flash cut" approach and on a "bills rendered" basis as was authorized in the previous two-year case. The "flash cut" approach to implementing a new base fuel cost simplifies the logistics of implementation by allowing the base rates to be revised only once. The "bills rendered" basis simplifies the implementation of the new base fuel rate in the billing system.

PERSON RESPONSIBLE: Lisa Steinkuhl

¹ Case No. 2010-00494, An Examination of the Application of the Fuel Adjustment Clause of Duke Energy Kentucky, Inc. from November 1, 2008 through October 31, 2010 (Ky. PSC May 31, 2011).

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-041

REQUEST:

In Duke Kentucky's monthly FAC filings, Schedule 2, there is a line item titled "PJM Balancing and Day Ahead Operating Reserve Credit" which, when an amount is rendered on this line, is a credit to fuel costs. Prior to joining PJM, Duke Kentucky credited "MISO Make Whole Payments" to its fuel costs. Explain the nature of "PJM Balancing and Day Ahead Operating Reserve Credit," why it is now being credited to fuel costs, and why some months are zero.

RESPONSE:

PJM Balancing and Day Ahead Operating Reserve credits are much like the Make Whole Payment in MISO. For PJM to ensure adequate operating reserve and for spot market support, pool-scheduled generation and demand resources that operate as requested by PJM are guaranteed to fully recover their daily offer amounts. The credits are the portion of the company's offer amounts in excess of their scheduled MWh times LMP.

It is being credited to fuel costs because of the nexus between receiving the payment from PJM and incurring fuel costs to run the plants.

Some of the months are zero because PJM didn't call on any of the plants to run out of merit due to reliability.

PERSON RESPONSIBLE: Lisa Steinkuhl/John Swez

**Duke Energy Kentucky
Case No. 2012-00554
Staff First Set Data Requests
Date Received: February 13, 2013**

STAFF-DR-01-042

REQUEST:

In Duke Kentucky's monthly FAC supplemental file, the Purchased Power and Sales Schedule, there is a purchases transaction that is identified as "Financial Hedges".

Explain the nature of these purchases.

RESPONSE: The financial hedges listed in our supplemental filing are the realized gains/losses and Intercontinental Exchange (ICE) monthly access fees related to native purchase power hedges for planned unit outages. These hedges are used to reduce the impact from market volatilities

PERSON RESPONSIBLE: John Swez

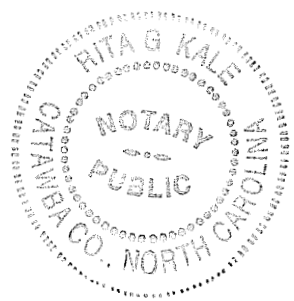
VERIFICATION

State of North Carolina)
) SS:
County of Mecklenburg)

The undersigned, Elliott Batson, Jr., being duly sworn, deposes and says that he is the Vice President, Regulated Fuels, that he has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of his knowledge, information and belief, after reasonable inquiry.

Elliott Batson, Jr.
Elliott Batson, Jr., Affiant

Subscribed and sworn to before me by Elliott Batson JR on this 25 day of February 2013.



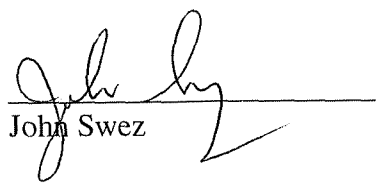
Rita G. Kaliti
NOTARY PUBLIC

My Commission Expires: 6/17/17

VERIFICATION

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

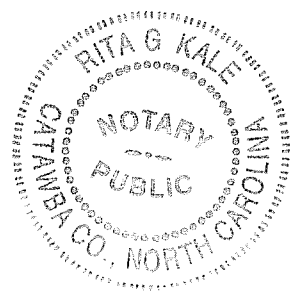
The undersigned, John Swez, being duly sworn, deposes and says that he is employed by the Duke Energy Corporation affiliated companies as Director, Generation Dispatch & Operations for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., he has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of his knowledge, information and belief after reasonable inquiry.


John Swez

Subscribed and sworn to before me by John Swez on this 20 day of February 2013.


NOTARY PUBLIC


My Commission Expires: 6/17/17




VERIFICATION

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Lisa D. Steinkuhl, being duly sworn, deposes and says that she is employed by the Duke Energy Corporation affiliated companies as Lead Rates Analyst for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., she has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of her knowledge, information and belief after reasonable inquiry.


Lisa D. Steinkuhl

Subscribed and sworn to before me by Lisa D. Steinkuhl on this 26 day of February, 2013.


NOTARY PUBLIC

My Commission Expires:



ANITA M. SCHAFER
Notary Public, State of Ohio
My Commission Expires
November 4, 2014

In the Matter of:

An Examination of the Application of)	
The Fuel Adjustment Clause of Duke Energy)	Case No. 2012-00554
Kentucky, Inc. from November 1, 2010 through)	
October 31, 2012)	

**MOTION OF DUKE ENERGY KENTUCKY, INC.
FOR CONFIDENTIAL TREATMENT OF INFORMATION CONTAINED IN ITS
RESPONSES TO COMMISSION STAFF’S FIRST SET OF DATA REQUESTS**

Duke Energy Kentucky, Inc. (“Duke Energy Kentucky” or “Company”), pursuant to 807 KAR 5:001, Section 13, respectfully requests the Commission to classify and protect certain information provided by Duke Energy Kentucky in its response to data request Nos. 1, 5, 6, 9, 14, 25, 26 and 39, as requested by Commission Staff (“Staff”) in this case on February 13, 2013. The information that Staff seeks through discovery, and for which Duke Energy Kentucky now seeks confidential treatment (“Confidential Information”), shows: the projected total kilowatt hours (kWh) used to calculate base fuel costs;¹ the Company’s projected fuel requirements both in tons and dollars;² sales forecasts in both kWh and dollars;³ planned outages and maintenance schedules by plant;⁴ scheduled, actual and forced outages;⁵ written solicitations for coal

¹ See Data Request No. 1.

² See Data Request No. 5.

³ See Data Request No. 6.

⁴ See Data Request No. 9.

⁵ See Data Request No. 14.

supplies;⁶ oral solicitations for coal supplies;⁷ and the economic dispatch data for each of Duke Energy Kentucky's generating units.⁸

The Responses in Nos. 1, 5, 6, 9, 14, 25, 26 and 39 contain sensitive information, the disclosure of which would injure Duke Energy Kentucky and its competitive position and business interest. Specifically in Response No. 1, Duke Energy Kentucky provides specific total kWh sales projections as part of its answer. Response No. 5 provides Duke Energy Kentucky's anticipated future fuel requirements and costs. Response No. 6 provides a list of projected sales by customer class, including anticipated revenue. Together, these three responses could provide power marketing competitors and fuel vendors with knowledge regarding Duke Energy Kentucky's operating costs and commodity positions that will allow them potentially to manipulate the marketplace so as to unnecessarily cause consumers to pay more for electricity than they otherwise would. Similarly, the list of projected outages and costs, as contained in Response No. 9, will grant vendors a distinct advantage in that they would be able to anticipate Duke Energy Kentucky's maintenance schedules. The information included in Response No. 14 is closely related in that it provides historical data on the unique operational characteristics of each of Duke Energy Kentucky's generating units relating to planned, actual and forced outages. If Duke Energy Kentucky's contractors and vendors had access to the number, duration, and cause of such outages, it would again give them a distinct advantage in anticipating maintenance schedules. Likewise, Response No. 25 and Response No. 26 include information describing the Company's written and oral solicitations for coal supplies and responses thereto. If publicly disclosed, this information would give Duke Energy Kentucky's vendors a commercial

⁶ See Data Request No. 25.

⁷ See Data Request No. 26.

⁸ See Data Request No. 39.

advantage in responding to future solicitations. The information contained in Response No. 39 includes economic dispatch costs for Duke Energy Kentucky's generating units, the disclosure of which would give the Company's competitors and fuel vendors knowledge regarding Duke Energy Kentucky's operating costs so as to allow them to potentially manipulate the marketplace and unnecessarily cause consumers to pay more for electricity than they otherwise would.

In support of this Motion, Duke Energy Kentucky further states:

1. The Kentucky Open Records Act exempts from disclosure certain commercial information. *See* KRS 61.878(1)(c). To qualify for this exemption from public disclosure and, therefore, to maintain the confidentiality of the information, a party must establish that disclosure of the commercial information would permit an unfair advantage to competitors of that party. Public disclosure of the Confidential Information identified herein would, in fact, prompt such a result for the reasons set forth below.

2. The Commission's first request is for any proposed changes in base fuel rates. While this information is not confidential, Duke Energy Kentucky's Response discloses sensitive and proprietary kWh sales projections for calendar years 2013 and 2014 (Response No. 1). The sales projections should be afforded confidential protections as they are internally-derived figures that would give competitors, marketers and vendors a competitive advantage in any existing or prospective commercial relationships involving Duke Energy Kentucky. Maintaining the confidentiality of the projected kWh sales is necessary to protect the interests of both the Company and its customers.

3. Public disclosure of projected fuel requirements (Response No. 5) would also afford Duke Energy Kentucky's competitors and potential vendors a distinct competitive advantage in any contractual negotiations. Vendors and competitors would know Duke Energy

Kentucky's projected monthly fuel requirements for the next two years. This information could be used against Duke Energy Kentucky as it negotiates to satisfy its projected requirements.

4. Similarly, public disclosure of projected forecasted demand and sales revenue (Response No. 6) would afford Duke Energy Kentucky's competitors a distinct competitive advantage in bidding for and securing new bulk power loads and would give an obvious advantage to Duke Energy Kentucky's wholesale power purchasers and sellers in any contractual negotiations.

5. Likewise, public disclosure of information regarding Duke Energy Kentucky's plant maintenance schedules (Response No. 9) would provide critical "down time" information which would necessarily impair Duke Energy Kentucky's ability to negotiate with prospective contractors and vendors. Likewise, disclosure of Duke Energy Kentucky's scheduled, actual and forced outages (Response No. 14) would provide historical data on the unique operational characteristics of each of Company's generating units relating to planned, actual and forced outages. If Duke Energy Kentucky's prospective contractors and vendors had access to the number, duration, and cause of such outages, it would again give them a distinct advantage in anticipating maintenance schedules and plant condition and operating characteristics. This would very likely impair Duke Energy Kentucky's ability to negotiate with prospective contractors and vendors.

6. Duke Energy Kentucky is also providing a copy of a written solicitation for coal supplies that includes a summary of the responses received and the Company's selection criteria (Response No. 25). The Response also includes documentation of the responses selected as part of the solicitation. Likewise, Duke Energy Kentucky's provision of information relating to its oral solicitations for coal supplies (Response No. 26) includes detailed disclosure of the

Company's selection criteria, quality specifications and deliverability requirements. Public disclosure of the information in these two Responses would reveal commercially valuable information about the manner in which Duke Energy Kentucky conducts its solicitations for coal supplies and would reveal bid data gathered from a high percentage of companies in the coal industry. This information, if disclosed, would have the potential to cause market manipulations in the future and may impair the Company's ability to conduct future solicitations by chilling the response from potential suppliers.

7. The public disclosure of the Company's economic dispatch costs (Response No. 39) would reveal the operating costs of each of its generating units. This information is, quite obviously, highly sensitive, commercially valuable and strictly proprietary. The public disclosure of this information would place Duke Energy Kentucky at a commercial disadvantage as it negotiates contracts with various suppliers and vendors and could potentially harm Duke Energy Kentucky's competitive position in the marketplace, to the detriment of Duke Energy Kentucky and its customers.

8. The Confidential Information in Response Nos. 1, 5, 6, 9, 14, 25, 26 and 39 was developed internally by Duke Energy Corporation and Duke Energy Kentucky personnel, is not on file with any public agency, and is not available from any commercial or other source outside Duke Energy Kentucky. The aforementioned Confidential Information in all eight Responses is distributed within Duke Energy Kentucky only to those employees who must have access for business reasons, and is generally recognized as confidential and proprietary in the energy industry.

9. The Confidential Information for which Duke Energy Kentucky is seeking confidential treatment is not known outside of Duke Energy Corporation.

10. Duke Energy Kentucky does not object to limited disclosure of the Confidential Information described herein, pursuant to an acceptable protective agreement, to the Attorney General or other intervenors with a legitimate interest in reviewing the same for the purpose of participating in this case.

11. The Commission has treated the same information described herein as confidential in other utilities' responses to the same data requests such as Louisville Gas and Electric Company (Case No. 2008-00521)⁹ and Kentucky Utilities Company (Case No. 2008-00520)¹⁰ and for Duke Energy Kentucky (Case No. 2008-00522).¹¹

12. This Confidential Information was, and remains, integral to Duke Energy Kentucky's effective execution of business decisions and strategy. Such information is generally regarded as confidential or proprietary. Indeed, as the Kentucky Supreme Court has found, "information concerning the inner workings of a corporation is 'generally accepted as confidential or proprietary.'" *Hoy v. Kentucky Industrial Revitalization Authority*, 907 S.W.2d 766, 768 (Ky. 1995).

13. In accordance with the provisions of 807 KAR 5:001, Section 13(2), the Company is filing one copy of the Confidential Information separately under seal, and the remaining responses to the Staff's data requests without the Confidential Information included. Duke Energy Kentucky respectfully requests that the Confidential Information be withheld from public disclosure for a period of ten years. This will assure that the Confidential Information – if disclosed after that time – will no longer be commercially sensitive so as to likely impair the interests of the Company or its customers if publicly disclosed.

⁹ Case No. 2008-521, Letter granting Confidential treatment, March 20, 2009.

¹⁰ Case No. 2008-520, Letter granting Confidential treatment, March 20, 2009.

¹¹ Case No. 2008-522, Letter granting Confidential treatment, March 20, 2009.

WHEREFORE, Duke Energy Kentucky, Inc. respectfully requests that the Commission classify and protect as confidential the specific information described herein.

This 1st day of March 2013.

Respectfully submitted,



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