

DUKE ENERGY CORPORATION

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Kristen Cocanougher Sr. Paralegal E-mail: Kristen.cocanougher@duke-energy.com

VIA OVERNIGHT DELIVERY

March 4, 2011

Mr. Jeff Derouen Executive Director Kentucky Public Service Commission 211 Sower Blvd Frankfort, KY 40601 RECEIVED

MAR 07 2011

PUBLIC SERVICE COMMISSION

Re: <u>Case No. 2010-00494</u>

Bristin Coranonghir

Dear Mr. Derouen:

Enclosed please find an original and twelve copies of Duke Energy Kentucky Inc.'s response to Staff's Second Set of Data Requests in the above captioned case.

Please date-stamp the two copies of the letter and the Data Requests and return to me in the enclosed envelope.

Sincerely,

Kristen Cocanougher

cc: Dennis G. Howard II

VERIFICATION

State of Ohio)
)
County of Hamilton)

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

Lisa D. Steinkuhl, Affiant

Subscribed and sworn to before me by Lisa D. Steinkuhl on this Aday of March 2011.

NOTÁRY

My Commission Expires:

RICHARD GERARD BEACH
Attorney At Law
Notary Public, State of Ohio
My Commission Has No Expiration Date
Section 147.03 R.C.

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Duke Energy Kentucky Case No. 2010-00494 Staff Second Set Data Requests Date Received: February 24, 2011

STAFF-DR-02-001

REQUEST:

Refer to Item 16 of the Data Request issued with the Commission's January 26, 2011 Order ("Commission's First Request") which states as follows:

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.

In Duke Kentucky's February 14, 2011 response, the present and proposed rates for each lamp in each lighting class were not included. Provide the present and proposed rates for each lamp listed in lighting schedule SL, OL, NSU, NSP, SC, and SE, or provide a detailed explanation of why the rates for each lamp in those lighting schedules will not change to refelt a change in the fuel component of base rates.

RESPONSE:

See STAFF-DR-02-001 Attachment.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

No. Polity Pol	Sheet					Current	Change in	Diff. in			Increase	Current	New
60 OH Standard MV 700 Open Refractor 0.03790 0.025747 0.08013 853 7.08 0.5566 6.55 6.08 60 OH Standard MV 1.000 0.033760 0.025747 0.08013 1.789 149.08 1.1946 1.24 1.128 60 OH Standard MH 1.000 0.033760 0.025747 0.08013 1.184 95.33 -0.7639 9.16 8.40 60 OH Standard MH 2000 0.033760 0.025747 0.08013 1.144 95.33 -0.7639 9.16 8.40 60 OH Standard SV 9500 0.033760 0.025747 -0.08013 487 40.58 -0.3252 8.27 7.94 60 OH Standard SV 15000 0.033760 0.025747 -0.08013 487 40.58 -0.3252 6.31 5.88 60 OH Standard SV 2500 0.023747 0.08013 171 5.92 <t< th=""><th>No.</th><th>Loc</th><th>Fixture</th><th>Lumens</th><th>Description</th><th>Base Fuel</th><th>Base Fuel</th><th>Base Fuel</th><th>Annual kWh</th><th>Per Mo.</th><th>Change per Mth.</th><th>Rate/Unit</th><th>Rate/Unit</th></t<>	No.	Loc	Fixture	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
No. Standard NV 1000	60	ОН	Standard MV	7000		0.033760	0.025747	-0.008013	803	66.92	-0.5362	7.77	7.23
Standard MM	60	ОН	Standard MV	7000	Open Refractor	0.033760	0.025747	-0.008013	853	71.08	-0.5696	6.65	6.08
Standard MH 1,000	60	ОН	Standard MV	10000		0.033760	0.025747	-0.008013	1144	95.33	-0.7639	9.16	8.40
Standard MH	60	ОН	Standard MV	21000		0.033760	0.025747	-0.008013	1789	149.08	-1.1946	12.47	11.28
Second Column Standard May Secon	60	ОН	Standard MH	14000		0.033760	0.025747	-0.008013	803	66.92	-0.5362	7.77	7.23
Standard SV SSO	60	ОН	Standard MH	20500		0.033760	0.025747	-0.008013	1144	95.33	-0.7639	9.16	8.40
Fig. Col. Standard SV S900 Open Refractor O.033760 O.025747 O.008013 711 59.25 O.4748 917 8.70 O.025747 O.008013 711 S9.25 O.4748 917 8.70 O.025747 O.008013 O.025747 O.0080	60	ОН	Standard MH	36000		0.033760	0.025747	-0.008013	1789	149.08	-1.1946	12.47	11.28
Standard SV 15000 Standard SV 15000 Condition Conditio	60	ОН	Standard SV	9500		0.033760	0.025747	-0.008013	487	40.58	-0.3252	8.27	7.94
No. Standard SV 2000 Standard SV 2000 0.033760 0.025747 0.008013 948 79.00 0.6330 11.91 11.28 11.2	60	ОН	Standard SV	9500	Open Refractor	0.033760	0.025747	-0.008013	487	40.58	-0.3252	6.31	5.98
CO	60	ОН	Standard SV	16000		0.033760	0.025747	-0.008013	711	59.25	-0.4748	9.17	8.70
CO	60	ОН	Standard SV	22000		0.033760	0.025747	-0.008013	948	79.00	-0.6330	11.91	11.28
60 OH Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 10.18 9.85 60 OH Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.62 16.31 60 OH Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 25.41 24.10 60 UG Standard MV 7000 Open Refractor 0.033760 0.025747 -0.008013 874 72.83 -0.5566 6.65 6.08 60 UG Standard MV 1000 Construction 0.033760 0.025747 -0.008013 853 71.08 -0.5666 6.65 6.08 60 UG Standard MH 10000 Construction 0.033760 0.025747 -0.008013 874 72.83 4.058 -0.3252 6.39 6.06	60	ОН	Standard SV	27500		0.033760	0.025747	-0.008013	948	79.00	-0.6330	11.91	11.28
60 OH Decorative SV 2000 Rectilinear 0.033760 0.025747 -0.008013 10.23 85.25 -0.6831 12.94 12.26 60 OH Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1999 163.25 -1.3081 17.62 14.30 60 UG Standard MV 7000 Open Refractor 0.033760 0.025747 -0.008013 874 72.83 -0.5836 7.96 7.38 60 UG Standard MV 7000 Open Refractor 0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard MW 21000 -0.033760 0.025747 -0.008013 1914 159.50 -1.2781 11.83 11.55 60 UG Standard MH 14000 -0.033760 0.025747 -0.008013 1914 159.50 -1.2781 12.83 11.55 60 UG Standard SV	60	ОН	Standard SV	50000		0.033760	0.025747	-0.008013	1959	163.25	-1.3081	16.57	15.26
60 OH Decorative SV 5000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.62 16.31 60 UG Standard MV 7000 Open Refractor 0.033760 0.025747 -0.008013 874 72.83 -0.5836 7.96 7.38 60 UG Standard MV 7000 Open Refractor 0.033760 0.025747 -0.008013 873 71.08 -0.5696 6.65 6.08 60 UG Standard MV 1000 0.033760 0.025747 -0.008013 873 71.08 -1.2781 12.83 11.55 60 UG Standard MH 1000 0.033760 0.025747 -0.008013 874 72.83 -0.5836 7.96 7.38 60 UG Standard MH 20500 0.033760 0.025747 -0.008013 1914 159.50 -1.2781 12.83 11.55 60 UG Standard SV 9500 Open Refractor	60	ОН	Decorative SV	9500	Rectilinear	0.033760	0.025747	-0.008013	487	40.58	-0.3252	10.18	9.85
60 OH Decorative SV 5000 Setback 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 25.41 24.10 60 UG Standard MW 7000 Open Refractor 0.033760 0.025747 -0.008013 853 7.108 -0.5696 6.65 6.08 60 UG Standard MW 10000 Open Refractor 0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard MW 21000 0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard MH 14000 -0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 9500<	60	ОН	Decorative SV	22000	Rectilinear	0.033760	0.025747	-0.008013	1023	85.25	-0.6831	12.94	12.26
60 UG Standard MW 7000 Open Refractor 0.033760 0.025747 -0.08013 874 72.83 -0.5896 6.65 6.08 60 UG Standard MW 1000 Open Refractor 0.033760 0.025747 -0.08013 1215 10.125 -0.8113 9.36 6.55 60 UG Standard MW 1000 0.033760 0.025747 -0.08013 1215 10.125 -0.8113 9.36 8.55 60 UG Standard MH 14000 0.033760 0.025747 -0.08013 1914 199.50 -1.2781 12.83 11.55 60 UG Standard MH 20500 0.033760 0.025747 -0.08013 1914 199.50 -1.2781 12.83 11.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.08013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 9500 Open Refractor </td <td>60</td> <td>ОН</td> <td>Decorative SV</td> <td>50000</td> <td>Rectilinear</td> <td>0.033760</td> <td>0.025747</td> <td>-0.008013</td> <td>1959</td> <td>163.25</td> <td>-1.3081</td> <td>17.62</td> <td>16.31</td>	60	ОН	Decorative SV	50000	Rectilinear	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	17.62	16.31
60 UG Standard MW 7000 Open Refractor 0.033760 0.025747 -0.08013 853 71.08 -0.5696 6.65 6.08 60 UG Standard MW 21000 0.033760 0.025747 -0.08013 1115 101.25 -0.8113 9.36 8.55 60 UG Standard MH 14000 0.033760 0.025747 -0.08013 874 7.283 -0.5836 7.96 7.38 60 UG Standard MH 36000 0.033760 0.025747 -0.08013 1914 159.50 -0.8113 9.36 8.55 60 UG Standard SW 3500 0.033760 0.025747 -0.08013 1914 159.50 -0.8113 9.36 8.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.08013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 5000 0.033760 0.025747 -	60	ОН	Decorative SV	50000	Setback	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	25.41	24.10
60 UG Standard MV 10000 0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard MH 14000 0.033760 0.025747 -0.008013 874 72.83 -0.5836 7.96 7.38 60 UG Standard MH 20500 0.033760 0.025747 -0.008013 874 72.83 -0.5836 7.96 7.38 60 UG Standard MH 36000 0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 6.39 6.06 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 6.39 6.06 60 UG Standard SV 20000 -0.033760 0.025747	60	UG	Standard MV	7000		0.033760	0.025747	-0.008013	874	72.83	-0.5836	7.96	7.38
60 UG Standard MW 21000 0.033760 0.025747 -0.008013 1914 159,50 -1.2781 12.83 11.55 60 UG Standard MH 14000 0.033760 0.025747 -0.008013 874 7.2.83 -0.5836 7.96 7.38 60 UG Standard MH 36000 0.033760 0.025747 -0.008013 1914 159,50 -1.2781 12.83 11.55 60 UG Standard SV 9500 0.033760 0.025747 -0.008013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 6.39 6.06 60 UG Standard SV 2000 0.033760 0.025747 -0.008013 471 59.25 -0.4748 9.14 8.67 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747	60	IJĠ	Standard MV	7000	Open Refractor	0.033760	0.025747	-0.008013	853	71.08	-0.5696	6.65	6.08
60 UG Standard MH 14000 0.033760 0.025747 -0.08013 874 72.83 -0.5836 7.96 7.38 60 UG Standard MH 20500 0.033760 0.025747 -0.008013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard SV 9500 0.033760 0.025747 -0.008013 1914 159.50 -1.2781 12.83 11.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 2000 0.033760 0.025747 -0.008013 487 40.58 -0.3252 6.39 6.06 60 UG Standard SV 22000 0.033760 0.025747 -0.008013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 50000 0.025747 -0.008013 853 71.08	60	UG	Standard MV	10000		0.033760	0.025747	-0.008013	1215	101.25	-0.8113	9.36	8.55
60 UG Standard MH 20500 0.033760 0.025747 -0.08013 1215 101.25 -0.8113 9.36 8.55 60 UG Standard MH 36000 0.033760 0.025747 -0.08013 1914 159.50 -1.2781 12.83 11.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.08013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 16000 0.033760 0.025747 -0.08013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 2000 0.033760 0.025747 -0.08013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 50000 0.033760 0.025747 -0.08013 198 79.00 -0.6330 11.91 11.28 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747	60	UG	Standard MV	21000		0.033760	0.025747	-0.008013	1914	159.50	-1.2781	12.83	11.55
60 UG Standard MH 36000 0.033760 0.025747 -0.008013 1914 159.50 -1.2781 12.83 11.55 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 2000 0.033760 0.025747 -0.008013 948 79.00 -0.6330 11.91 11.28 60 UG Standard SV 50000 0.033760 0.025747 -0.008013 948 79.00 -0.6330 11.91 11.28 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 874 7.283 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Gas Replic	60	UG	Standard MH	14000		0.033760	0.025747	-0.008013	874	72.83	-0.5836	7.96	7.38
60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 8.27 7.94 60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 6.39 6.06 60 UG Standard SV 16000 0.033760 0.025747 -0.008013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 20000 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 16.57 15.26 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Holophane 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 </td <td>60</td> <td>UG</td> <td>Standard MH</td> <td>20500</td> <td></td> <td>0.033760</td> <td>0.025747</td> <td>-0.008013</td> <td>1215</td> <td>101.25</td> <td>-0.8113</td> <td>9.36</td> <td>8.55</td>	60	UG	Standard MH	20500		0.033760	0.025747	-0.008013	1215	101.25	-0.8113	9.36	8.55
60 UG Standard SV 9500 Open Refractor 0.033760 0.025747 -0.008013 487 40.58 -0.3252 6.39 6.06 60 UG Standard SV 16000 0.033760 0.025747 -0.008013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 20000 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 16.57 15.26 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Holophane 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MH 14000	60	UG	Standard MH	36000		0.033760	0.025747	-0.008013	1914	159.50	-1.2781	12.83	11.55
60 UG Standard SV 16000 0.033760 0.025747 -0.008013 711 59.25 -0.4748 9.14 8.67 60 UG Standard SV 22000 0.033760 0.025747 -0.008013 948 79.00 -0.6330 11.91 11.28 60 UG Standard SV 50000 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 16.57 15.26 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 873 71.08 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 12.20 21.62 60 UG Decorative MH 14000 Tradition	60	UG	Standard SV	9500		0.033760	0.025747	-0.008013	487	40.58	-0.3252	8.27	7.94
60 UG Standard SV 22000 0.033760 0.025747 -0.008013 948 79.00 -0.6330 11.91 11.28 60 UG Standard SV 50000 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 16.57 15.26 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Holophane 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 873 71.08 -0.5696 8.27 7.70 60 UG Decorative MH 14000	60	UG	Standard SV	9500	Open Refractor	0.033760	0.025747	-0.008013	487	40.58	-0.3252	6.39	6.06
60 UG Standard SV 50000 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 16.57 15.26 60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Holophane 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5696 8.27 7.70 60 UG Decorative MH 14000 Traditionaire 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorati	60	UG	Standard SV	16000		0.033760	0.025747	-0.008013	711	59.25	-0.4748	9.14	8.67
60 UG Decorative MV 7000 Town & Country 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MV 7000 Holophane 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG	60	UG	Standard SV	22000		0.033760	0.025747	-0.008013	948	79.00	-0.6330	11.91	11.28
60 UG Decorative MV 7000 Holophane 0.033760 0.025747 -0.008013 874 72.83 -0.5836 10.12 9.54 60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MV 7000 Granville 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.27 7.70 60 UG Decorative MM 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Gras Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 12.32 12.71 60 <th< td=""><td>60</td><td>UG</td><td>Standard SV</td><td>50000</td><td></td><td>0.033760</td><td>0.025747</td><td>-0.008013</td><td>1959</td><td>163.25</td><td>-1.3081</td><td>16.57</td><td>15.26</td></th<>	60	UG	Standard SV	50000		0.033760	0.025747	-0.008013	1959	163.25	-1.3081	16.57	15.26
60 UG Decorative MV 7000 Gas Replica 0.033760 0.025747 -0.08013 874 72.83 -0.5836 22.20 21.62 60 UG Decorative MV 7000 Granville 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.27 7.70 60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 874 72.83 -0.5836 12.29 21.71 60	60	UG	Decorative MV	7000	Town & Country	0.033760	0.025747	-0.008013	853	71.08	-0.5696	8.19	7.62
60 UG Decorative MV 7000 Granville 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.27 7.70 60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60	60	UG	Decorative MV	7000	Holophane	0.033760	0.025747	-0.008013	874	72.83	-0.5836	10.12	9.54
60 UG Decorative MV 7000 Aspen 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Traditionaire 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.29 21.71 60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 12.28 11.92 60	60	UG	Decorative MV	7000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	22.20	21.62
60 UG Decorative MH 14000 Traditionaire 0.033760 0.025747 -0.008013 853 71.08 -0.5696 8.19 7.62 60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.29 21.71 60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Holophane 0.033760 0.025747 -0.008013 487 40.58 -0.3252 12.28 11.92 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 532 44.33 -0.3552 22.70 22.34 60 <td>60</td> <td>UG</td> <td>Decorative MV</td> <td>7000</td> <td>Granville</td> <td>0.033760</td> <td>0.025747</td> <td>-0.008013</td> <td>853</td> <td>71.08</td> <td>-0.5696</td> <td>8.27</td> <td>7.70</td>	60	UG	Decorative MV	7000	Granville	0.033760	0.025747	-0.008013	853	71.08	-0.5696	8.27	7.70
60 UG Decorative MH 14000 Granville Acorn 0.033760 0.025747 -0.008013 874 72.83 -0.5836 14.33 13.75 60 UG Decorative MH 14000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.29 21.71 60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Holophane 0.033760 0.025747 -0.008013 532 44.33 -0.3552 12.28 11.92 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 9.23 8.90 60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60	60	UG	Decorative MV	7000	Aspen	0.033760	0.025747	-0.008013	874	72.83	-0.5836	14.33	13.75
60 UG Decorative MH 14000 Gas Replica 0.033760 0.025747 -0.008013 874 72.83 -0.5836 22.29 21.71 60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Holophane 0.033760 0.025747 -0.008013 532 44.33 -0.3552 12.28 11.92 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 9.23 8.90 60 UG Decorative SV 9500 Gas Replica 0.033760 0.025747 -0.008013 532 44.33 -0.3552 22.70 22.34 60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 <td< td=""><td>60</td><td>UG</td><td>Decorative MH</td><td>14000</td><td>Traditionaire</td><td>0.033760</td><td>0.025747</td><td>-0.008013</td><td>853</td><td>71.08</td><td>-0.5696</td><td>8.19</td><td>7.62</td></td<>	60	UG	Decorative MH	14000	Traditionaire	0.033760	0.025747	-0.008013	853	71.08	-0.5696	8.19	7.62
60 UG Decorative SV 9500 Town & Country 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Holophane 0.033760 0.025747 -0.008013 532 44.33 -0.3552 12.28 11.92 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 9.23 8.90 60 UG Decorative SV 9500 Gas Replica 0.033760 0.025747 -0.008013 532 44.33 -0.3552 22.70 22.34 60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 9500 Traditionaire 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 <t< td=""><td>60</td><td>UG</td><td>Decorative MH</td><td>14000</td><td>Granville Acorn</td><td>0.033760</td><td>0.025747</td><td>-0.008013</td><td>874</td><td>72.83</td><td>-0.5836</td><td>14.33</td><td>13.75</td></t<>	60	UG	Decorative MH	14000	Granville Acorn	0.033760	0.025747	-0.008013	874	72.83	-0.5836	14.33	13.75
60 UG Decorative SV 9500 Holophane 0.033760 0.025747 -0.008013 532 44.33 -0.3552 12.28 11.92 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 9.23 8.90 60 UG Decorative SV 9500 Gas Replica 0.033760 0.025747 -0.008013 532 44.33 -0.3552 22.70 22.34 60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 9500 Traditionaire 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 11.33 11.00 60 <	60	UG	Decorative MH	14000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	22.29	21.71
60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 487 40.58 -0.3252 9.23 8.90 60 UG Decorative SV 9500 Gas Replica 0.033760 0.025747 -0.008013 532 44.33 -0.3552 22.70 22.34 60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 9500 Traditionaire 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 11.33 11.00 60 UG Decorative SV 9500 Rectilinear 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60	60	UG	Decorative SV	9500	Town & Country	0.033760	0.025747	-0.008013	487	40.58	-0.3252	11.33	11.00
60 UG Decorative SV 9500 Gas Replica 0.033760 0.025747 -0.008013 532 44.33 -0.3552 22.70 22.34 60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 9500 Traditionaire 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 11.33 11.00 60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 22000 Rectilinear 0.033760 0.025747 -0.008013 1023 85.25 -0.6831 13.00 12.32 60	60	UG	Decorative SV	9500	Holophane	0.033760	0.025747	-0.008013	532	44.33	-0.3552	12.28	
60 UG Decorative SV 9500 Aspen 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 9500 Traditionaire 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 22000 Rectilinear 0.033760 0.025747 -0.008013 1023 85.25 -0.6831 13.00 12.32 60 UG Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.68 16.37	60	UG	Decorative SV	9500	Rectilinear	0.033760	0.025747	-0.008013	487	40.58	-0.3252	9.23	8.90
60 UG Decorative SV 9500 Traditionaire 0.033760 0.025747 -0.008013 487 40.58 -0.3252 11.33 11.00 60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 22000 Rectilinear 0.033760 0.025747 -0.008013 1023 85.25 -0.6831 13.00 12.32 60 UG Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.68 16.37	60	UG	Decorative SV	9500	Gas Replica	0.033760	0.025747	-0.008013	532	44.33	-0.3552	22.70	22.34
60 UG Decorative SV 9500 Granville Acorn 0.033760 0.025747 -0.008013 532 44.33 -0.3552 14.23 13.87 60 UG Decorative SV 22000 Rectilinear 0.033760 0.025747 -0.008013 1023 85.25 -0.6831 13.00 12.32 60 UG Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.68 16.37	60	UG	Decorative SV	9500	Aspen	0.033760	0.025747	-0.008013	532	44.33	-0.3552	14.23	13.87
60 UG Decorative SV 22000 Rectilinear 0.033760 0.025747 -0.008013 1023 85.25 -0.6831 13.00 12.32 60 UG Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.68 16.37	60		Decorative SV										
60 UG Decorative SV 50000 Rectilinear 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 17.68 16.37	60	UG	Decorative SV	9500	Granville Acorn	0.033760	0.025747	-0.008013	532	44.33		14.23	13.87
			Decorative SV										
60 UG Decorative SV 50000 Setback 0.033760 0.025747 -0.008013 1959 163.25 -1.3081 25.41 24.10			Decorative SV										
	60	UG	Decorative SV	50000	Setback	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	25.41	24.10

Sheet					Current	Change in	Diff. in			Increase	Current	New
Š.	o Lo	Fixture	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
65	ОН	Standard MV	7000	Open Refractor	0.033760	0.025747	-0.008013	853	71.08	-0.5696	9.44	8.87
65	Н	Standard MV	7000		0.033760	0.025747	-0.008013	874	72.83	-0.5836	11.89	11.31
65	ОН	Standard MV	10000		0.033760	0.025747	-0.008013	1215	101.25	-0.8113	14.04	13.23
65	ЮН	Standard MV	21000		0.033760	0.025747	-0.008013	1914	159.50	-1.2781	18.33	17.05
65	Н	Standard MH	14000		0.033760	0.025747	-0.008013	874	72.83	-0.5836	11.89	11.31
65	Н	Standard MH	20500		0.033760	0.025747	-0.008013	1215	101.25	-0.8113	14.06	13.25
65	ЭН	Standard MH	36000		0.033760	0.025747	-0.008013	1914	159.50	-1.2781	18.33	17.05
65	Н	Standard SV	9500	Open Refractor	0.033760	0.025747	-0.008013	487	40.58	-0.3252	8.08	7.75
65	Ю	Standard SV	9500		0.033760	0.025747	-0.008013	487	40.58	-0.3252	10.39	10.06
65	Н	Standard SV	16000		0.033760	0.025747	-0.008013	711	59.25	-0.4748	11.86	11.39
65	Н	Standard SV	22000		0.033760	0.025747	-0.008013	948	79.00	-0.6330	13.25	12.62
65	Н	Standard SV	27500		0.033760	0.025747	-0.008013	948	79.00	-0.6330	13.25	12.62
65	Н	Standard SV	20000		0.033760	0.025747	-0.008013	1959	163.25	-1.3081	16.15	14.84
65	ÖH	Decorative MV	7000	Town & Country	0.033760	0.025747	-0.008013	853	71.08	-0.5696	14.09	13.52
65	Н	Decorative MV	7000	Holophane	0.033760	0.025747	-0.008013	874	72.83	-0.5836	17.96	17.38
65	НО	Decorative MV	7000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	42.38	41.80
65	Н	Decorative MV	7000	Aspen	0.033760	0.025747	-0.008013	874	72.83	-0.5836	26.49	25.91
65	Н	Decorative SV	9500	Town & Country	0.033760	0.025747	-0.008013	487	40.58	-0.3252	21.50	21.17
65	Н	Decorative SV	9500	Holophane	0.033760	0.025747	-0.008013	532	44.33	-0.3552	23.30	22.94
65	ОН	Decorative SV	9500	Rectiliner	0.033760	0.025747	-0.008013	487	40.58	-0.3252	19.19	18.86
65	Н	Decorative SV	9500	Gas Replica	0.033760	0.025747	-0.008013	532	44.33	-0.3552	44.38	44.02
65	Н	Decorative SV	9500	Aspen	0.033760	0.025747	-0.008013	532	44.33	-0.3552	27.07	26.71
65	ЮН	Decorative SV	9500	Traditionaire	0.033760	0.025747	-0.008013	487	40.58	-0.3252	21.50	21.17
65	Н	Decorative SV	9500	Granville Acorn	0.033760	0.025747	-0.008013	532	44.33	-0.3552	27.07	26.71
65	Н	Decorative SV	22000	Rectiliner	0.033760	0.025747	-0.008013	1023	85.25	-0.6831	23.22	22.54
65	Н	Decorative SV	20000	Rectiliner	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	30.00	28.69
65	Ю	Decorative SV	20000	Setback	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	45.77	44.46
65	급	Standard MV	21000		0.033760	0.025747	-0.008013	1914	159.50	-1.2781	18.34	17.06
65	귙	Standard MH	20500		0.033760	0.025747	-0.008013	1215	101.25	-0.8113	14.04	13.23
65	교	Standard MH	36000		0.033760	0.025747	-0.008013	1914	159.50	-1.2781	18.34	17.06
65	చ	Standard SV	22000		0.033760	0.025747	-0.008013	1023	85.25	-0.6831	13.23	12.55
65	급	Standard SV	30000		0.033760	0.025747	-0.008013	1023	85.25	-0.6831	13.23	12.55
65	교	Standard SV	20000		0.033760	0.025747	-0.008013	1997	166.42	-1.3335	17.00	15.67

Sheet				Current	Change in	Diff. in			Increase	Current	New
Š.	Owner LOC	C Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
99	Comp UG		Boulevard Incandescent Series	0.033760	0.025747	-0.008013	616	51.33	-0.4113	9.73	9.32
99	Comp UG		Boulevard Incandescent Mulitple	0.033760	0.025747	-0.008013	786	65.50	-0.5249	7.81	7.29
99	Comp OH	10000	Mecury Vapor	0.033760	0.025747	-0.008013	1215	101.25	-0.8113	17.79	16.98
99	Comp OH		Incandescent	0.033760	0.025747	-0.008013	786	65.50	-0.5249	7.75	7.23
99			Mecury Vapor	0.033760	0.025747	-0.008013	453	37.75	-0.3025	7.09	6.79
99			Mecury Vapor	0.033760	0.025747	-0.008013	1914	159.50	-1.2781	12.24	10.96
99	Cust UG		Incandescent Series	0.033760	0.025747	-0.008013	616	51.33	-0.4113	5.95	5.54
99	Cust UG		Incandescent Multiple	0.033760	0.025747	-0.008013	786	65.50	-0.5249	7.57	7.05

Sheet			Current	Change in	Diff. in			Increase	Current	New
No.	Lumens	Description	Base Fuel	Base Fuel	Base Fuel	Annual kWh	Per Mo.	Change per Mth.	Rate/Unit	Rate/Unit
29	2500	Mercury Open Refractor	0.033760	0.025747	-0.008013	478	39.83	-0.3192	8.19	7.87
29	2500	Mercury Enclosed Refractor	0.033760	0.025747	-0.008013	478	39.83	-0.3192	11.06	10.74
29	7000	Mercury 17 Fibergalss pole	0.033760	0.025747	-0.008013	853	71.08	-0.5696	15.25	14.68
29	7000	Mercury 17 Wood Lam pole	0.033760	0.025747	-0.008013	853	71.08	-0.5696	15.25	14.68
29	7000	Mercury 30 Wood pole	0.033760	0.025747	-0.008013	853	71.08	-0.5696	14.15	13.58
29	9500	Sodium Vapor TC 100 R	0.033760	0.025747	-0.008013	487	40.58	-0.3252	11.62	11.29
29	52000	Mercury 35 Wood pole	0.033760	0.025747	-0.008013	4584	382.00	-3.0610	32.34	29.28
29	52000	Mercury 50 Wood pole	0.033760	0.025747	-0.008013	4584	382.00	-3.0610	35.95	32.89
29	52000	Sodium Vapor	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	21.41	20.10

Sheet				Current	Change in	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
89	Standard MV	7000		0.033760	0.025747	-0.008013	803	66.92	-0.5362	4.85	4.31
89	Standard MV	10000		0.033760	0.025747	-0.008013	1144	95.33	-0.7639	6.28	5.52
89	Standard MV	21000		0.033760	0.025747	-0.008013	1789	149.08	-1.1946	8.88	7.69
89	Standard MH	14000		0.033760	0.025747	-0.008013	803	66.92	-0.5362	4.85	4.31
89	Standard MH	20500		0.033760	0.025747	-0.008013	1144	95.33	-0.7639	6.28	5.52
89	Standard MH	36000		0.033760	0.025747	-0.008013	1789	149.08	-1.1946	8.88	7.69
89	Standard SV	9500		0.033760	0.025747	-0.008013	487	40.58	-0.3252	5.44	5.11
89	Standard SV	16000		0.033760	0.025747	-0.008013	711	59.25	-0.4748	6.21	5.74
89	Standard SV	22000		0.033760	0.025747	-0.008013	948	79.00	-0.6330	6.95	6.32
89	Standard SV	27500		0.033760	0.025747	-0.008013	948	79.00	-0.6330	6.95	6.32
89	Standard SV	20000		0.033760	0.025747	-0.008013	1959	163.25	-1.3081	68.6	8.58
89	Decorative MV	7000	Holophane	0.033760	0.025747	-0.008013	874	72.83	-0.5836	6.04	5.46
89	Decorative MV	7000	Town & Country	0.033760	0.025747	-0.008013	853	71.08	-0.5696	5.98	5.41
89	Decorative MV	7000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	6.04	5.46
89	Decorative MV	7000	Aspen	0.033760	0.025747	-0.008013	874	72.83	-0.5836	6.04	5.46
89	Decorative MH	14000	Traditionaire	0.033760	0.025747	-0.008013	853	71.08	-0.5696	5.98	5.41
89	Decorative MH	14000	Granville Acorn	0.033760	0.025747	-0.008013	874	72.83	-0.5836	6.04	5.46
89	Decorative MH	14000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	6.04	5.46
89	Decorative SV	9500	Town & Country	0.033760	0.025747	-0.008013	487	40.58	-0.3252	5.36	5.03
89	Decorative SV	9500	Traditionaire	0.033760	0.025747	-0.008013	487	40.58	-0.3252	5.36	5.03
89	Decorative SV	9500	Granville Acorn	0.033760	0.025747	-0.008013	532	44.33	-0.3552	5.62	5.26
89	Decorative SV	9500	Rectilinear	0.033760	0.025747	-0.008013	487	40.58	-0.3252	5.36	5.03
89	Decorative SV	9500	Aspen	0.033760	0.025747	-0.008013	532	44.33	-0.3552	5.62	5.26
89	Decorative SV	9500	Holophane	0.033760	0.025747	-0.008013	532	44.33	-0.3552	5.62	5.26
89	Decorative SV	9500	Gas Replica	0.033760	0.025747	-0.008013	532	44.33	-0.3552	5.62	5.26
89	Decorative SV	22000	Rectilinear	0.033760	0.025747	-0.008013	1023	85.25	-0.6831	7.39	6.71
89	Decorative SV	20000	Rectilinear	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	10.27	8.96

Sheet				Current	Change in	Diff. in			Increase	Current	New
Š.	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	0.033760	0.025747	-0.008013	853	71.08	-0.5696	7.99	7.42
69	Decorative MV	7000	Town & Country	0.033760	0.025747	-0.008013	874	72.83	-0.5836	8.04	7.46
69	Decorative MV	7000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	8.04	7.46
69	Decorative MV	7000	Aspen	0.033760	0.025747	-0.008013	874	72.83	-0.5836	8.04	7,46
69	Decorative MH	14000	Traditionaire	0.033760	0.025747	-0.008013	853	71.08	-0.5696	7.99	7.42
69	Decorative MH	14000	Granville Acorn	0.033760	0.025747	-0.008013	874	72.83	-0.5836	8.04	7.46
69	Decorative MH	14000	Gas Replica	0.033760	0.025747	-0.008013	874	72.83	-0.5836	8.04	7.46
69	Decorative SV	9500	Town & Country	0.033760	0.025747	-0.008013	487	40.58	-0.3252	8.35	8.03
69	Decorative SV	9500	Holophane	0.033760	0.025747	-0.008013	532	44.33	-0.3552	8.49	8.13
69	Decorative SV	9500	Rectilinear	0.033760	0.025747	-0.008013	487	40.58	-0.3252	8.35	8.03
69	Decorative SV	9500	Gas Replica	0.033760	0.025747	-0.008013	532	44.33	-0.3552	8.48	8.12
69	Decorative SV	9500	Aspen	0.033760	0.025747	-0.008013	532	44.33	-0.3552	8.48	8.12
69	Decorative SV	9500	Traditionaire	0.033760	0.025747	-0.008013	487	40.58	-0.3252	8.35	8.03
69	Decorative SV	9500	Granville Acorn	0.033760	0.025747	-0.008013	532	44.33	-0.3552	8.48	8.12
69	Decorative SV	22000	Rectilinear	0.033760	0.025747	-0.008013	1023	85.25	-0.6831	12.27	11.58
69	Decorative SV	20000	Rectilinear	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	16.73	15.42
69	Decorative SV	20000	Setback	0.033760	0.025747	-0.008013	1959	163.25	-1.3081	16.73	15.42

Duke Energy Kentucky Case No. 2010-00494 Staff Second Set Data Requests Date Received: February 24, 2011

STAFF-DR-02-002

REQUEST:

Refer to the response to Item 17 of the Commission's First Request. Duke Kentucky did not show by cross-outs and italicized inserts the changes to each rate for each lamp within each lighting class. Provide the requested information for each lamp listed in lighting schedule SL, OL, NSU, NSP, SC, and SE, or provide a detailed explanation of why the rates for each lamp in those lighting schedules will not change to reflect a change in the fuel component of base rates.

RESPONSE:

See STAFF-DR-02-002 Attachment.

PERSON RESPONSIBLE: Lisa D. Steinkuhl

KY.P.S.C. Electric No. 2
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Page 1 of 6

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:

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

Issued: September 29, 2010

Effective: September 30, 2010

KY.P.S.C. Electric No. 2

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NET MONTHLY BILL (Contd.)

1. Base Rate

OVERHEAD DISTRIBUTION AREA Fixture Description Standard Fixture (Cobra Head)	Lamp <u>Watt</u>	kW/Unit	Annual <u>kWh</u>	Rate/Unit	
Mercury Vapor 7,000 lumen	175	0.193	803	\$ 7.23	(R)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.08	(R)
10.000 lumen	250	0.275	1,144	\$ 8.40	(R)
21,000 lumen	400	0.430	1,789	\$11.28	(R)
Metal Halide			.,,	*	
14,000 lumen	175	0.193	803	\$ 7.23	(R)
20,500 lumen	250	0.275	1,144	\$ 8.40	(R)
36,000 lumen	400	0.430	1,789	\$11.28	(R)
Sodium Vapor				• • • •	
9,500 lumen	100	0.117	487	\$ 7.94	(R)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 5.98	(R)
16,000 lumen	150	0.171	711	\$ 8.70	(R)
22,000 lumen	200	0.228	948	\$11.28	(R)
27,500 lumen	250	0.275	948	\$11.28	(R)
50,000 lumen	400	0.471	1,959	\$15.26	(R)
Decorative Fixtures					
Sodium Vapor					
9,500 lumen (Rectilinear)	100	0.117	487	\$ 9.85	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.28	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.31	(R)
50,000 lumen (Setback)	400	0.471	1,959	\$24.10	(R)

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

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.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

Issued: September 29, 2010

Effective: September 30, 2010

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

NET MONTHLY BILL (Contd.)	Lamp		Annuai		
UNDERGROUND DISTRIBUTION AREA	Watt	kW/Unit	kWh	Rate/Unit	
Fixture Description	<u> </u>	KVIOIIK	KVVII	1 COLOT OTHE	
Standard Fixture (Cobra Head)					
Mercury Vapor					
7.000 lumen	175	0.210	874	\$ 7.38	(R)
7,000 lumen (Open Refractor)	175	0.205	853	\$ 6.08	(R)
10,000 lumen	250	0.292	1,215	\$ 8.55	(R)
21,000 lumen	400	0.460	1,914	\$11.55	(R)
Metal Halide					
14,000 lumen	175	0.210	874	\$ 7.38	(R)
20,500 lumen	250	0.292	1.215	\$ 8.55	(R)
36,000 lumen	400	0.460	1,914	\$11.55	(R)
Sodium Vapor	400	0.400	1,314	Ψ11.00	1-1/
9.500 lumen	100	0.117	487	\$ 7.94	(R)
9,500 lumen (Open Refractor)	100	0.117	487	\$ 6.06	(R)
5,500 Idinari (Open Neriacior)	150	0.117	711	\$ 8.67	(R)
16,000 lumen	100	0.171	, , , ,	Ψ 0.07	1117
22,000 lumen	200	0.228	948	\$11.28	(R)
50.000 lumen	400	0.471	1,959	\$15.26	(R)
Decorative Fixtures	400	0.471	1,500	Ψ10.20	110
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.62	(R)
7,000 lumen (Holophane)	175	0.210	874	\$ 9.54	(R)
7,000 lumen (Gas Replica)	175	0.210	874	\$21.62	(R)
7,000 lumen (Granville)	175	0.205	853	\$ 7.70	
7,000 lumen (Aspen)	175	0.210	874	\$13.75	(R)
Metal Halide		V.=.V		4.0 0	(R)
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.62	(R)
14,000 lumen (Granville Acorn)	175	0.210	874	\$13.75	(R)
14,000 lumen (Gas Repica)	175	0.210	874	\$21.71	(R)
Sodium Vapor					1211
9,500 lumen (Town & Country)	100	0.117	487	\$11.00	(R)
9,500 lumen (Holophane)	100	0.128	532	\$11.92	(R)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.90	(R)
9,500 lumen (Gas Replica)	100	0.128	532	\$22.34	(R)
9,500 lumen (Aspen)	100	0.128	532	\$13.87	11/
9,500 lumen (Traditionaire)	100	0.117	487	\$11.00	(R)
9,500 lumen (Granville Acom)	100	0.128	532	\$13.87	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$12.32	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$16.37	(R)
50,000 lumen (Setback)	400	0.471	1,959	\$24.10	(R)
					(R)

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

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NET MONTHLY BILL (Contd.)

	Pole Type	Rate/Pole
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 \$0.933760-025747 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

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

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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.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

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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.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

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RATE OL

OUTDOOR LIGHTING SERVICE

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

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

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No 2008-00522.

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Lilanger, KT 41010		1 age z or 4			
NET MONTHLY BILL (Contd.)					
	Lamp	kW/	Annual		
	<u>Watts</u>	<u>Luminaire</u>	<u>kWh</u>	Rate/Unit	
Standard Fixtures (Cobra Head)					
Mercury Vapor					
7,000 lumen (Open Refractor)	175	0.205	853	\$ 8.87	(
7,000 lumen	175	0.210	874	\$11.31	(
10,000 lumen	250	0.292	1,215	\$13.23	(
21,000 lumen	400	0.460	1,914	\$17.05	(
Metal Halide					
14,000 lumen	175	0.210	874	\$11.31	<u>(</u>
20,500 lumen	250	0.307	1,215	\$13.25	(
36,000 lumen	400	0.460	1,914	\$17.05	(
Sodium Vapor					
9,500 lumen (Open Refractor)	100	0.117	487	\$ 7.75	_(_
9,500 lumen	100	0.117	487	\$10.06	(
16,000 lumen	150	0.171	711	\$11.39	(
22,000 lumen	200	0.228	948	\$12.62	(
27,500 lumen	250	0.228	948	\$12.62	(
50,000 lumen	400	0.471	1,959	\$14.84	(
Decorative Fixtures (a)					***************************************
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$13.52	<u>(</u>
7,000 lumen (Holophane)	175	0.210	874	\$17.38	(
7,000 lumen (Gas Replica)	175	0.210	874	\$41.80	()
7,000 lumen (Aspen)	175	0.210	874	\$25.91	7
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$21.17	()
9,500 lumen (Holophane)	100	0.128	532	\$22.94	()
9,500 lumen (Rectilinear)	100	0.117	487	\$18.86	(
9,500 lumen (Gas Replica)	100	0.128	532	\$44.02	(
9,500 lumen (Aspen)	100	0.128	532	\$26.71	(
9,500 lumen (Traditionaire)	100	0.117	487	\$21.17	(
9,500 lumen (Granville Acorn)	100	0.128	532	\$26.71	()
22,000 lumen (Rectilinear)	200	0.246	1,023	\$22.54	(
50,000 lumen (Rectilinear)	400	0.471	1,959	\$28.69	(1
50,000 lumen (Setback)	400	0.471	1,959	\$44.46	

⁽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.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No 2008-00522.

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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 <u>kWh</u>	Rate/Unit	
Mercury Vapor					(R
21,000 lumen	400	0.460	1,914	\$17.06	
Metal Halide					
20,500 lumen	250	0.307	1,215	\$13.23	(R)
36,000 lumen	400	0.460	1,914	\$17.06	(R)
Sodium Vapor					
22,000 lumen	200	0.246	1,023	\$12.55	(R)
30,000 lumen	250	0.312	1,023	\$12.55	(R)
50,000 lumen	400	0.480	1,997	\$15.67	(R)

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

2. Base Fuel Cost

The rates per unit shown above include \$0.033760-025747 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.
- 2. If the customer requires the extension, relocation or rearrangement of the Company's system, the customer will pay, in addition to the monthly charge, the Company on a time and materials basis, plus overhead charges, for such extension, relocation or rearrangement unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for customer approval before work is carried out.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No 2008-00522.

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Duke Energy Kentucky, Inc. 4580 Olympic Blvd. Erlanger, KY 41018 KY.P.S.C. Electric No. 2

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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.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No 2008-00522.

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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

	Devleyand with named undersooned	Lamp <u>Watt</u>	kW/Unit	Annual <u>kWh</u>	Rate/Unit	
1.	Boulevard units served underground a. 2,500 lumen Incandescent - Series	148	0.148	616	\$ 9.32	(R)
	b. 2,500 lumen Incandescent - Multiple	189	0.189	786	\$ 7.29	(R)
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	\$16.98	
	a. 10,000 tarner moroary vapor		0.202	1,210	Ψ10.00	101

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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 <u>Watt</u>	kW/Unit	Annual <u>kWh</u>	Rate/Unit	
	Street light units served overhead distribution a. 2,500 lumen incandescent b. 2,500 lumen Mercury Vapor c. 21,000 lumen Mercury Vapor	189 100 400	0.189 0.109 0.460	786 453 1,914	\$ 7.23 \$ 6.79 \$10.96	(R) (R) (R)
В.	Customer owned					
		Lamp <u>Watt</u>	kW/Unit	Annual <u>kWh</u>	Rate/Unit	
	Steel boulevard units served underground with limited maintenance by Company a. 2,500 lumen Incandescent – Series	148	0.148	616	\$ 5.54	
	b. 2,500 lumen Incandescent - Multiple	189	0.189	786	\$ 7.05	

2. Base Fuel Cost

The rates per unit shown above include \$0.933769-025747 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 1 or 3 under General Conditions.

GENERAL CONDITIONS

- (1) If an installed street lighting unit is required to be relocated, removed, or replaced with another unit of the same or less rated lamp wattage, the ordering Authority shall pay the Company the sacrifice value of the unit, plus labor and overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (2) Lamps and refractors which are maintained by the Company shall be kept in good operating condition

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by, and at the expense of, the Company.

GENERAL CONDITIONS (Contd.)

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

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

SERVICE REGULATIONS

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

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RATE NSP

PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

1. Base Rate

A. Private outdoor lighting units:

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

	Lamp <u>Watt</u>	kW/Unit	Annual <u>kWh</u>	Rate/Unit	
2,500 lumen Mercury, Open Refractor	100	0.115	478	\$ 7.87	(R)
	100	0.115	478	\$10.74	(R)

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NET MONTHLY BILL (Contd.)

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

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

Lamp <u>Watt</u>	kW/Unit	Annual <u>kWh</u>	Rate/Unit	
175	0.205	853	\$14.68	(R)
175	0.205	853	\$14.68	(R)
175 100	0.205 0.117	853 487	\$13.58 \$11.29	(R) (R)
	<u>Watt</u> 175 175 175	Watt kW/Unit 175 0.205 175 0.205 175 0.205 175 0.205	Watt kW/Unit kWh 175 0.205 853 175 0.205 853 175 0.205 853	Watt kW/Unit kWh Rate/Unit 175 0.205 853 \$14.68 175 0.205 853 \$14.68 175 0.205 853 \$13.58

- (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 <u>Watt</u>	kW/Fixture	Annual <u>kWh</u>	Rate/Unit	
52,000 lumen Mercury (35-foot Wood Pole) 52,000 lumen Mercury (50-foot Wood Pole) 50,000 lumen Sodium Vapor	1,000	1.102	4,584	\$29.28	(R)
	1,000	1.102	4,584	\$32.89	(R)
	400	0.471	1,959	\$20.10	(R)

2. Base Fuel Cost

The rates per unit shown above include \$0.033760_025747 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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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.
- 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.
- When a lighting unit reaches end of life or becomes obsolete and parts cannot be reasonably obtained, the Company can remove the unit at no expense to the customer after notifying the customer. The customer shall be given the opportunity to arrange for another type lighting unit provided by the Company.

SERVICE REGULATIONS

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

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RATE SC

STREET LIGHTING SERVICE - CUSTOMER OWNED

APPLICABILITY

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

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

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

TYPE OF SERVICE

All equipment will be owned by the customer but may be installed by customer or Company with Ilmited 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:

Lamp		Annual		
<u>Watts</u>	kW/Unit	<u>kWh</u>	Rate/Unit	
175	0.193	803	\$ 4.31	(R)
250	0.275	1,144	\$ 5.52	(R)
400	0.430	1,789	\$ 7.69	(R) (R)
175	0.193	803	\$ 4.31	(R)
250	0.275	1,144	\$ 5.52	(R)
400	0.430	1,789	\$ 7.69	(R)
	Watts 175 250 400 175 250	Watts kW/Unit 175 0.193 250 0.275 400 0.430 175 0.193 250 0.275	Watts kW/Unit kWh 175 0.193 803 250 0.275 1,144 400 0.430 1,789 175 0.193 803 250 0.275 1,144	Watts kW/Unit kWh Rate/Unit 175 0.193 803 \$ 4.31 250 0.275 1,144 \$ 5.52 400 0.430 1,789 \$ 7.69 175 0.193 803 \$ 4.31 250 0.275 1,144 \$ 5.52

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.

Issued: September 29, 2010 Effective: September 30, 2010

Issued by Julie Janson, President

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	NET MONTHLY BILL (Contd.)					
		Lamp	LAA/A Imia	Annuai	Detellinit	
	Sodium Vapor	Watt	kW/Unit	<u>kWh</u>	Rate/Unit	
١	•	100	0.117	487	\$ 5.11	150
1	9,500 lumen					(R)
١	16,000 lumen	150	0.171	711	\$ 5.74	(R)
١	22,000 lumen	200	0.228	948	\$ 6.32	(R)
١	27,500 lumen	250	0.228	948	\$ 6.32	(R)
l	50,000 lumen	400	0.471	1,959	\$ 8.58	(R)
ı	Decorative Fixture					
ı	Mercury Vapor					/D1
١	7,000 lumen (Holophane)	175	0.210	874	\$ 5.46	(R) (R)
l	7,000 lumen (Town & Country)	175	0.205	853	\$ 5.41	$\frac{(R)}{(R)}$
١	7,000 lumen (Gas Replica)	175	0.210	874	\$ 5.46	(R)
١	7,000 lumen (Aspen)	175	0.210	874	\$ 5.46	7247
ı	Metal Halide					(R)
١	14,000 lumen (Traditionaire)	175	0.205	853	\$ 5.41	(R)
١	14,000 lumen (Granville Acorn)	175	0.210	874	\$ 5.46	(R)
ı	14,000 lumen (Gas Replica)	175	0.210	874	\$ 5.46	3-14
l	Sodium Vapor					
1	9,500 lumen (Town & Country)	100	0.117	487	\$ 5.03	(R)
١	9,500 lumen (Traditionaire)	100	0.117	487	\$ 5.03	(R)
١	9,500 lumen (Granville Acorn)	100	0.128	532	\$ 5.26	(R)
١	9,500 lumen (Rectilinear)	100	0.117	487	\$ 5.03	(R)
١	9,500 lumen (Aspen)	100	0.128	532	\$ 5.26	(R)
١	9,500 lumen (Holophane)	100	0.128	532	\$ 5.26	(R)
١	9,500 lumen (Gas Replica)	100	0.128	532	\$ 5.26	(R)
١	22,000 lumen (Rectilinear)	200	0.246	1,023	\$ 6.71	(R)
١	50,000 lumen (Rectilinear)	400	0.471	1,959	\$ 8.96	<u>(R)</u>

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

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

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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 \$0.047404 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 \$\$0.933760-025747 per kilowatt-hour reflecting the base cost of

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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GENERAL CONDITIONS (Contd.)

- (3) The time within which the Company will be able to commence or to complete the services to be performed is dependent on the Company's ability to secure the materials required, and the Company shall not be responsible for failure to install these street light units for such reason.
- (4) If an installed street lighting unit is required to be relocated, removed, or replaced by the Company, the ordering Authority shall pay the Company the cost agreed upon under a separate contract.
- (5) Lamps and refractors which are maintained by the Company shall be kept in good operating condition by and at the expense of the Company.
 - In cases of vandalism, the Company will repair the damaged property and the customer shall pay for such repair on a time and material basis, plus overhead charges, unless in the judgment of the Company no charge should be made. An estimate of the cost will be submitted for approval before work is carried out.
- (6) When a customer owned lighting unit becomes inoperative the cost of repair, replacement or removal of the unit will be at the customer's expense.
- (7) All lights installed on an overhead distribution system will be installed by Company under a separate contract with customer.

SERVICE REGULATIONS

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

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RATE SE

STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT

APPLICABILITY

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

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

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

TYPE OF SERVICE

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

NET MONTHLY BILL

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

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NET MONTHLY BILL (Contd.)

1. Base Rate

	Lamp		Annual		
Fixture Description	Watt	kW/Unit	kWh	Rate/Unit	
Decorative Fixtures					
Mercury Vapor					
7,000 lumen (Town & Country)	175	0.205	853	\$ 7.42	(R)
7,000 lumen (Holophane)	175	0.210	874	\$ 7.46	(R)
7,000 lumen (Gas Replica)	175	0.210	874	\$ 7.46	(R)
7,000 lumen (Aspen)	175	0.210	874	\$ 7.46	(R)
Metal Halide					
14,000 lumen (Traditionaire)	175	0.205	853	\$ 7.42	(R)
14,000 lumen (Granville Acom)	175	0.210	874	\$ 7.46	(R)
14,000 lumen (Gas Replica)	175	0.210	874	\$ 7.46	(R)
Sodium Vapor					
9,500 lumen (Town & Country)	100	0.117	487	\$ 8.03	(R)
9,500 lumen (Holophane)	100	0.128	532	\$ 8.13	(R)
9,500 lumen (Rectilinear)	100	0.117	487	\$ 8.03	(R)
9,500 lumen (Gas Replica)	100	0.128	532	\$ 8.12	(R)
9,500 lumen (Aspen)	100	0.128	532	\$ 8.12	(R)
9,500 lumen (Traditionaire)	100	0.117	487	\$ 8.03	(R)
9,500 lumen (Granville Acom)	100	0.128	532	\$ 8.12	(R)
22,000 lumen (Rectilinear)	200	0.246	1,023	\$11.58	(R)
50,000 lumen (Rectilinear)	400	0.471	1,959	\$15.42	(R)
50,000 lumen (Setback)	400	0.471	1,959	\$15.42	(R)

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

2. Base Fuel Cost

The rates per unit shown above include \$0.933769-025747 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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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.

Issued by authority of an Order of the Kentucky Public Service Commission dated June 2, 2009 in Case No. 2008-00522.