

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF KENTUCKY UTILITIES)	
COMPANY FOR AN ADJUSTMENT OF ITS)	CASE NO.
ELECTRIC RATES AND FOR CERTIFICATES)	2016-00370
OF PUBLIC CONVENIENCE AND NECESSITY)	


RESPONSE OF
KENTUCKY UTILITIES COMPANY
TO
LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT'S FIRST REQUEST FOR INFORMATION
DATED JANUARY 11, 2017

FILED: JANUARY 25, 2017

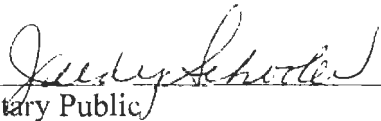
VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **Daniel K. Arbough**, being duly sworn, deposes and says that he is Treasurer for Louisville Gas and Electric Company and Kentucky Utilities Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.


Daniel K. Arbough

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 25th day of January 2017.

 (SEAL)
Notary Public

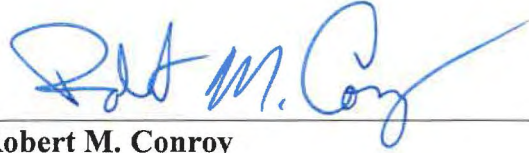
My Commission Expires:

JUDY SCHOOLER
Notary Public, State at Large, KY
My commission expires July 11, 2018
Notary ID # 512743

VERIFICATION

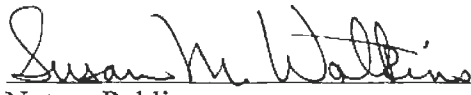
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Vice President – State Regulation and Rates for Louisville Gas and Electric Company and Kentucky Utilities Company, an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



Robert M. Conroy

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 23rd day of January _____ 2017.



(SEAL)
Notary Public

My Commission Expires:

SUSAN M. WATKINS
Notary Public, State at Large, KY
My Commission Expires Mar. 19, 2017
Notary ID # 485723

VERIFICATION

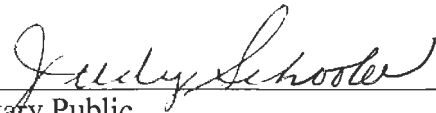
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **Christopher M. Garrett**, being duly sworn, deposes and says that he is Director – Rates for Kentucky Utilities Company and Louisville Gas and Electric Company and an employee of LG&E and KU Services Company, that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



Christopher M. Garrett

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 15th day of January 2017.



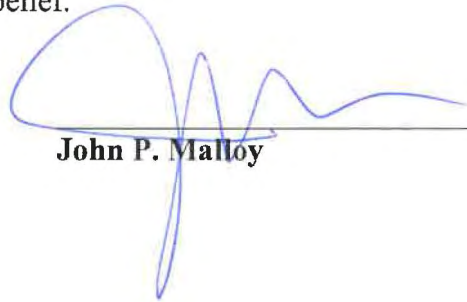
Notary Public (SEAL)

My Commission Expires:
JUDY SCHOOLER
Notary Public, State at Large, KY
My commission expires July 11, 2018
Notary ID # 512743

VERIFICATION

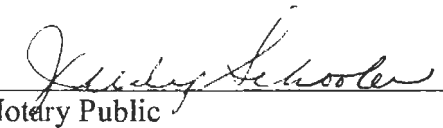
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **John P. Malloy**, being duly sworn, deposes and says that he is Vice President – Gas Distribution for Louisville Gas and Electric Company and Kentucky Utilities Company, an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



John P. Malloy

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 25th day of January, _____ 2017.



Notary Public (SEAL)

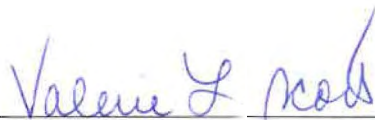
My Commission Expires:

JUDY SCHOULER
Notary Public, State at Large, KY
My commission expires July 11, 2018
Notary ID # 512743

VERIFICATION

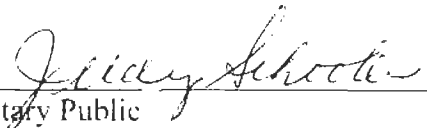
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, Valerie L. Scott, being duly sworn, deposes and says that she is Controller for Kentucky Utilities Company and Louisville Gas and Electric Company and an employee of LG&E and KU Services Company, and that she has personal knowledge of the matters set forth in the responses for which she is identified as the witness, and the answers contained therein are true and correct to the best of her information, knowledge and belief.



Valerie L. Scott

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 25th day of January 2017.

 (SEAL)

Notary Public

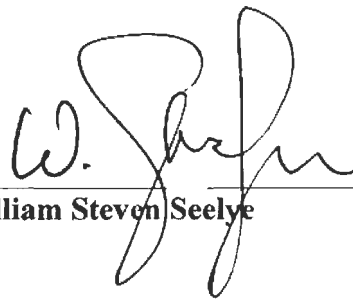
My Commission Expires:

JUDY SCHOOLER
Notary Public, State at Large, KY
My commission expires July 11, 2018
Notary ID # 512743

VERIFICATION

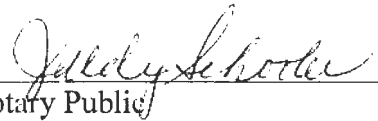
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **William Steven Seelye**, being duly sworn, deposes and states that he is a Principal of The Prime Group, LLC, that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



William Steven Seelye

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 20th day of January 2017.

 (SEAL)

Notary Public

My Commission Expires:

JUDY SCHOOLER
Notary Public, State at Large, KY
~~My commission expires July 11, 2018~~
Notary ID # 512743

VERIFICATION

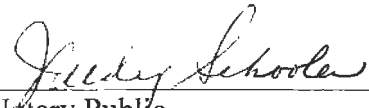
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **David S. Sinclair**, being duly sworn, deposes and says that he is Vice President, Energy Supply and Analysis for Kentucky Utilities Company and Louisville Gas and Electric Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



David S. Sinclair

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 25th day of January 2017.



Notary Public (SEAL)

My Commission Expires:

JUDY SCHOOLER
Notary Public, State at Large, KY
My commission expires July 11, 2018
Notary ID # 512743

VERIFICATION

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF CUMBERLAND)

The undersigned, **John J. Spanos**, being duly sworn, deposes and says he is Senior Vice President, for Gannett Fleming Valuation and Rate Consultants, LLC, that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



John J. Spanos

Subscribed and sworn to before me, a Notary Public in and before said County and Commonwealth, this 19th day of January 2017.

 (SEAL)
Notary Public

My Commission Expires:

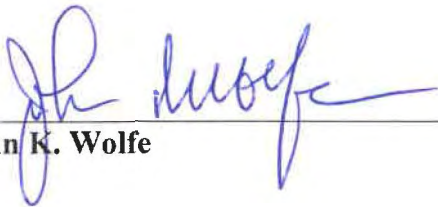
February 20, 2019

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Cheryl Ann Rutter, Notary Public
East Pennsboro Twp., Cumberland County
My Commission Expires Feb. 20, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

VERIFICATION

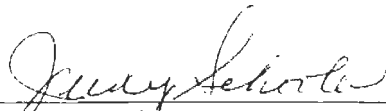
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **John K. Wolfe**, being duly sworn, deposes and says that he is Vice President - Electric Distribution for Kentucky Utilities Company and Louisville Gas and Electric Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



John K. Wolfe

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 20th day of January 2017.



Notary Public (SEAL)

My Commission Expires:
JUDY SCHOOLER
Notary Public, State at Large, KY
My commission expires July 11, 2018
Notary ID # 512743

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 1

Responding Witness: Robert M. Conroy / John P. Malloy

- Q-1. Under how many different types of customer rate codes does the LFUCG currently make payments to KU? For each type of class, please provide the following information:
- a. The type of customer rate code;
 - b. The number of LFUCG accounts in each such rate code;
 - c. The total amount paid by the LFUCG for each such rate code during the last 12 month period; and
 - d. the total net projected impact for each such rate code under the proposed rate increase.
- A-1. a. – c. See attached. Payments are not tracked by rate category. Attachment c reflects amount billed by rate category.
- d. The Company has not performed the specific calculation for each of the LFUCG accounts. See Schedule M-2.3 at Tab 66 of the filing requirement for the proposed increase for each rate class.

Part A		Part B	Part C	
Account Class	Rate Code	Rate Description	Count of Contract Accounts	Total 12 Months Ending December 2016
Commercial	110	GS Single Phase - Commercial	263	\$ 136,819
	113	GS Three Phase - Commercial	323	\$ 362,736
	295	Traffic Energy (Metered)	263	\$ 32,121
	297	Traffic Energy (Wi-Fi Receiver)	12	\$ 665
	404	RLS 404: OH MV Open Bottom 7000L Fixture	4	\$ 762
	413	RLS 413: UG HPS Coach 9500L Decorative	1	\$ 17,126
	428	LS 428: OH HPS Open Bottom 9500L Fixture	2	\$ 344
	430	LS 430: UG HPS Acorn 9500L Historic	2	\$ 17,733
	450	LS 450: OH MH Directional 12000L Fixture	4	\$ 1,257
	451	LS 451: OH MH Directional 32000L Fixture	3	\$ 1,760
	454	RLS 454: OH MH Directional 12000L Fix/Po	1	\$ 818
	460	RLS 460: UG MH Directional 12000L Deco	3	\$ 4,348
	464	LS 464: OH HPS Cobra Head 22000L Fixture	3	\$ 1,242
	465	LS 465: OH HPS Cobra Head 50000L Fixture	1	\$ (513)
	469	RLS 469: UG MH Directional 32000L Deco	1	\$ 1,916
	477	LS 477: UG HPS Contemporary 9500L Deco	1	\$ 2,125
	487	LS 487: OH HPS Directional 9500L Fixture	2	\$ 394
	488	LS 488: OH HPS Directional 22000L Fix	5	\$ 1,472
	489	LS 489: OH HPS Directional 50000L Fix	7	\$ 6,112
	490	LS 490: UG MH Contemporary 12000L Fix	2	\$ 4,777
	494	LS 494: UG MH Contemporary 12000L Deco	3	\$ 16,926
	562	PS Secondary - Commercial	24	\$ 180,344
		Power Service Secondary	24	\$ 123,867
	572	TODS - Commercial	24	\$ 324,334
		Time-of-Day Secondary Service	24	\$ 190,719
	828	Excess Facilities ODL	7	\$ 385
Commercial Total			1,009	\$ 1,430,588
Public Authorities	000	Unmetered temp suspension	1	\$ -
	010	Residential Service	2	\$ 2,604
	020	Residential Service - All Electric	2	\$ 3,505
	110	GS Single Phase - Commercial	657	\$ 390,150
	113	GS Three Phase - Commercial	387	\$ 398,010
	290	Lighting Energy (Metered)	2	\$ 2,055
	291	Lighting Energy (Burning Hours)	2	\$ 21,550
	295	Traffic Energy (Metered)	629	\$ 72,370
	297	Traffic Energy (Wi-Fi Receiver)	532	\$ 29,483
	404	RLS 404: OH MV Open Bottom 7000L Fixture	24	\$ 8,067
	409	RLS 409: OH HPS Cobra Head 50000L Fix	1	\$ 2,685
	420	LS 420: UG HPS Acorn 9500L Decorative	4	\$ 16,955
	428	LS 428: OH HPS Open Bottom 9500L Fixture	10	\$ 2,962
	430	LS 430: UG HPS Acorn 9500L Historic	2	\$ 12,730
	447	RLS 447: OH MV Cobra Head 10000L Fixture	1	\$ 100,432
	448	RLS 448: OH MV Cobra Head 20000L Fixture	1	\$ 51,419
	450	LS 450: OH MH Directional 12000L Fixture	1	\$ 1,048
	451	LS 451: OH MH Directional 32000L Fixture	13	\$ 14,088
	452	LS 452: OH MH Directional 107800L Fix	1	\$ 606
	455	RLS 455: OH MH Directional 32000L Fix/Po	1	\$ 357
	457	RLS 457: OH MV Cobra 10000L Fixture/Pole	2	\$ 75,979
	458	RLS 458: OH MV Cobra 20000L Fixture/Pole	3	\$ 157,038
	461	RLS 461: OH HPS Cobra Head 4000L Fixture	1	\$ 69,100
	462	LS 462: OH HPS Cobra Head 5800L Fixture	1	\$ 210,954
	463	LS 463: OH HPS Cobra Head 9500L Fixture	1	\$ 129,388
	464	LS 464: OH HPS Cobra Head 22000L Fixture	4	\$ 123,034
	465	LS 465: OH HPS Cobra Head 50000L Fixture	5	\$ 45,860
	467	LS 467: UG HPS Colonial 5800L Deco	1	\$ 7,627
	468	LS 468: UG HPS Colonial 9500L Deco	2	\$ 55,797
	469	RLS 469: UG MH Directional 32000L Deco	4	\$ 13,416
	471	RLS 471: OH HPS Cobra Hd 4000L Fix/Pole	2	\$ 528,702
	472	LS 472: OH HPS Cobra 5800L Ornamental	2	\$ 1,469,572
	473	LS 473: OH HPS Cobra 9500L Ornamental	2	\$ 321,868

Part A		Part B	Part C	
Account Class	Rate Code	Rate Description	Count of Contract Accounts	Total 12 Months Ending December 2016
	474	LS 474: OH HPS Cobra 22000L Ornamental	2	\$ 743,484
	475	LS 475: OH HPS Cobra 50000L Ornamental	2	\$ 78,020
	476	LS 476: UG HPS Contemporary 5800L Deco	2	\$ 1,323,463
	477	LS 477: UG HPS Contemporary 9500L Deco	4	\$ 144,250
	478	LS 478: UG HPS Contemporary 22000L Deco	7	\$ 229,654
	479	LS 479: UG HPS Contemporary 50000L Deco	2	\$ 35,909
	487	LS 487: OH HPS Directional 9500L Fixture	13	\$ 2,889
	488	LS 488: OH HPS Directional 22000L Fix	16	\$ 6,549
	489	LS 489: OH HPS Directional 50000L Fix	20	\$ 26,215
	490	LS 490: UG MH Contemporary 12000L Fix	2	\$ 1,570
	494	LS 494: UG MH Contemporary 12000L Deco	4	\$ 28,255
	495	LS 495: UG MH Contemporary 32000L Deco	2	\$ 385
	499	LS 499: UG HPS Contemporary 50000L Fix	1	\$ 309
	562	PS Secondary - Commercial	48	\$ 316,014
		Power Service Secondary	48	\$ 229,624
	568	PS Secondary PF Adj - Commercial	12	\$ 129,520
		Power Service Secondary PF Adj	8	\$ 75,534
	571	TODP - Commercial	16	\$ 775,810
		TODP - Industrial, DSM	15	\$ 15,424
		Time-of-Day Service - Primary	16	\$ 564,251
	572	TODP - Industrial, DSM	1	\$ 5,934
		TODS - Commercial	104	\$ 808,750
		Time-of-Day Secondary Service	96	\$ 607,210
	826	Electric Excess Facilities CIAC	2	\$ 10,120
	828	Excess Facilities ODL	27	\$ 7,016
Public Authorities Total			2,773	\$ 10,505,566
Grand Total			3,782	\$ 11,936,154

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 2

Responding Witness: Robert M. Conroy

- Q-2. For each separate LFUCG account please provide a detailed analysis showing the impact of the proposed rate versus the existing rate using the most recent 12 month actual usage and billing data. Please also provide a detailed explanation of the formula that was used to obtain this information. In particular, please show the formula or calculations indicating the total fiscal impact, including the application of the fees and all applicable adjustments (Environmental, DSM, Fuel, etc.).
- A-2. The Company has not performed the specific calculation for each of the LFUCG accounts. See Schedule M-2.3 at Tab 66 of the filing requirements for the proposed increase for each rate class.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 3

Responding Witness: William S. Seelye

- Q-3. The proposed increase in rates for lighting (rate codes 4xx) ranges from 0% to 20%. The majority of streetlights used by LFUCG are proposed to be increased by 20%. Based on our analysis, Lexington streetlights represent approximately 19% of the \$30,389,694 total revenue for Lighting Service, but would constitute 52% of the proposed \$1,866,484 increase (see Sch M-2.1). Please justify the disproportionate allocation to a single customer
- A-3. The Company has not performed an analysis calculating the percentage increase that would be assigned to LFUCG. Therefore, the Company is unable to verify LFUCG's assertions.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 4

Responding Witness: Valerie L. Scott

Q-4. Does KU have an estimate or general or specific information on how much revenue is derived from Fayette County customers? If so, please provide by customer class for each of the last three years as well as a comparison of the percentage of revenue that this constitutes in relation to all revenues.

A-4. See attached.

Kentucky Utilities Company
Case No. 2016-00370
Fayette County Billed Revenues by Customer Class
For Calendar Years 2014 through 2016

Customer Class	2014			2015			2016		
	Fayette County Billed Revenues	Kentucky Retail Billed Revenues	Fayette County % of Total	Fayette County Billed Revenues	Kentucky Retail Billed Revenues	Fayette County % of Total	Fayette County Billed Revenues	Kentucky Retail Billed Revenues	Fayette County % of Total
Residential Sales	\$165,541,974	\$599,744,602	27.6%	\$163,561,501	\$587,325,073	27.8%	\$165,503,885	\$589,978,856	28.1%
Commercial Sales	114,323,071	365,317,860	31.3%	114,279,749	363,755,356	31.4%	118,448,216	374,699,703	31.6%
Industrial Sales	39,513,587	417,312,214	9.5%	41,722,438	423,039,200	9.9%	42,041,867	407,924,702	10.3%
Public Street and Highway Lighting	5,250,539	11,155,773	47.1%	5,137,564	11,336,656	45.3%	5,790,828	12,381,553	46.8%
Other Sales to Public Authorities	36,584,808	119,925,139	30.5%	38,955,999	122,255,848	31.9%	40,265,522	125,116,322	32.2%
Total	\$361,213,979	\$1,513,455,588	23.9%	\$363,657,251	\$1,507,712,133	24.1%	\$372,050,318	\$1,510,101,136	24.6%

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 5

Responding Witness: David S. Sinclair

- Q-5. Please refer to the Annual Electric Sales & Demand Forecast Process, Filing Requirement 807 KAR 5:001 Section 16(7)(c), Tab 16, Page 10 of 41. Explain how KU and its affiliates determined its lighting forecast. Please state all assumptions, policies, procedures, and protocol related to KU's lighting forecast.
- A-5. KU's lighting forecast is developed using a trend model. Consistent with recent years, KU's lighting forecast is flat with zero year-over-year growth.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 6

Responding Witness: Christopher M. Garrett

- Q-6. Please refer to page 2 of 3 of the Revenue Statistics filed with your application (Filing Requirement 807 KAR 5:001 Section 16(8)(i), Tab 61).
- a. Please explain how KU classifies certain customers into the “Public Street and Highway Lighting” customer group.
 - b. Schedule I-2 indicates that there were 1,486 Public Street and Highway Lighting customers in 2015. Please identify whether this is a “rolling” total of individual customers throughout the year or whether it is a snapshot of customers on a given date.
 - c. Is LFUCG considered only one “customer” out of the 1,486 Public Street and Highway Lighting customers in 2015? If not, how many of the 1,486 customers does LFUCG count towards?
 - d. Explain why KU has projected a 25% decrease in Public Street and Highway Lighting customers from 2015 to its base period and a 50% decrease in Public Street and Highway Lighting customers from 2015 to its test year.
 - e. Explain whether the projected decrease in Public Street and Highway Lighting customers in the base period and test year impacts rates for street lighting or any rate classification or rate codes.
 - f. What percentage of the base period income for the Public Street & Highway class customers is derived from LFUCG?
- A-6. a. A customer is representative of a contract account for street lights.
- b. 1,486 is representative of the number of customers at year-end (i.e. December 31, 2015).

- c. LFUCG is not considered one customer out of the 1,486. LFUCG is 302 customers of the 1,486.
- d. The decrease shown is due to a difference in how customer counts are obtained for actual and forecasted periods. Actuals are received from the customer service system, which includes all contracts (1,486 as of December 31, 2015) including ones which do not have a basic service charge. The forecast periods include a customer count that only represents customers that have a basic service charge. This is approximately 50% of the total customer count.
- e. There is no impact to rates as a result of this difference. Revenues for Lighting as shown exhibit the normal expected growth between 2015, base year, and test year. These revenues are based on approved tariff rates and projected volumes.
- f. The percentage of the base period income for Public Street & Highway class customers derived from LFUCG is 43.8%.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 7

Responding Witness: William S. Seelye

Q-7. Is a cost-of-service study using the Loss of Load Probability ("LOLP") methodology described in the NARUC Electric Utility Cost Allocation Manual?

A-7. No.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 8

Responding Witness: William S. Seelye

Q-8. Does the NARUC Electric Utility Cost Allocation Manual recommend either the BIP or LOLP methodology?

A-8. No.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 9

Responding Witness: William S. Seelye

Q-9. Has Kentucky Utilities or LG&E ever used the LOLP methodology before this case?

A-9. No.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 10

Responding Witness: William S. Seelye

Q-10. Has any utility in Kentucky ever used the LOLP methodology? If so, please identify the utility and the PSC case number in which rates were approved using the LOLP methodology.

A-10. See the response to PSC 2-78.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 11

Responding Witness: William S. Seelye

Q-11. Please provide a list of every utility of which KU is aware that has used a LOLP cost-of-service study that was accepted by a regulatory commission. Please include within your response the regulatory commission, docket number, and date on which an order approving the utility

A-11. See the response to PSC 2-78.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 12

Responding Witness: William S. Seelye

- Q-12. Please provide every article, case, regulatory agency decision, and PowerPoint of which KU is aware that describes, advocates or finds that the LOLP methodology is the appropriate one.
- A-12. The Company is not in possession of any article, case, regulatory agency decision, or PowerPoint of which KU is aware that describes, advocates or finds that the LOLP methodology is the appropriate one.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 13

Responding Witness: William S. Seelye

- Q-13. Please describe the changes in the modified Base Intermediate Peak methodology from the original Base Intermediate Peak methodology that the company has previously used.
- A-13. There have not been any changes to the BIP methodology since it was developed by LG&E in the early 1980s. KU first filed the BIP methodology in Case No. 2003-00434.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 14

Responding Witness: William S. Seelye

- Q-14. Please refer to pages 7-8 of William Seelye's testimony. Where does power service appear in Table 1 and Table 2 of Mr. Seelye's testimony?
- A-14. Power Service Rate PS is included in the rows labeled "Primary Service – Secondary" and "Primary Service – Primary".

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 15

Responding Witness: William S. Seelye

Q-15. On page 9 of William Seelye's testimony, he said cost of service is just one factor that must be considered.

- a. What factors were considered other than job creation and retention?
- b. Was job creation and retention quantified?
- c. How were those factors included within KU's proposal?
- d. Without the non-cost-of-service factors, what were the results of the cost-of-service study by itself? Were adjustments then made?

A-15. a. The ratemaking principles of rate continuity and gradualism were also considered, as noted in Mr. Seelye's testimony.

- b. No.
- c. Other than limiting the maximum increase to any single major rate class, job creation and retention were not explicitly addressed.
- d. The results of the cost of service study are included in exhibits to Mr. Seelye's testimony. The Company did not perform an analysis determining the rate changes necessary to equalize class rates of return.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 16

Responding Witness: Robert M. Conroy

Q-16. On page 5 of Robert Conroy's testimony, Mr. Conroy says that he is aware of the impact of the rate increase on low and moderate income people. Does KU agree that the increase in the customer charge will have a disproportionate impact on lower income customers?

A-16. See the response to AG 1-7 and AG 1-8.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 17

Responding Witness: Christopher M. Garrett

- Q-17. a. During the test year, how much revenue does KU project to receive from its Basic Service Charge only, if it is increased as proposed to \$22.00 per month?
- b. How much revenue would KU project to receive from its Basic Service Charge only using test-year projections for customers if it remains at \$10.75?
- A-17. a. See Schedule M-2.3 at Tab 66 of the filing requirement. The requested BSC revenue can be found under the column labelled "Calculated Revenue at Proposed Rates."
- b. See Schedule M-2.3 at Tab 66 of the filing requirement. The requested BSC revenue can be found under the column labelled "Calculated Revenue at Current Rates."

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 18

Responding Witness: Robert M. Conroy

Q-18. KU is proposing to identify the energy charge of the residential rate into two separate components: infrastructure and variable. If KU's proposal is approved by the Commission, please confirm that the neither the infrastructure component nor the variable component could increase without the approval of the Public Service Commission or otherwise authorized by law.

A-18. Yes, KU is required to request authority from the Commission to adjust its rates.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 19

Responding Witness: William S. Seelye

Q-19. Is the variable component of the energy charge related to the "credit per kWh" identified in the Solar Share Rider Program? If so, please explain the relationship.

A-19. Yes. The credit will correspond to the Variable Energy Charge in the applicable rate schedule. See the response to PSC 2-76.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
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Dated January 11, 2017**

Question No. 20

Responding Witness: William S. Seelye

- Q-20. Please name all utilities of which KU is aware that are using a variable energy charge and infrastructure energy charge or a demand charge for residential-rate classifications.
- A-20. The Company is proposing to break out its energy charge into a Variable Energy Charge and an Infrastructure Energy Charge *for presentation purposes only*. This change in the presentation of the rates will not affect the energy charge billed to customers. The Company has not conducted a survey to identify utilities that have broken out their energy charges into a Variable Energy Charge and Infrastructure Energy Charge for informational purposes. *The Company is not proposing a demand charge for standard residential service in this proceeding.* However, other electric utilities have incorporated demand charges in their standard residential rates. See the response to PSC 2-81.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 21

Responding Witness: John P. Malloy

Q-21. How many residential customers currently take advantage of the Budget Payment Plan?

A-21. KU has 53,498 residential customers taking advantage of the Budget Payment Plan as of January 4, 2017.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 22

Responding Witness: Valerie L. Scott

Q-22. Is KU a member of the Edison Electric Institute (“EEI”)? If so, please list the payments made to EEI over the past five years by KU and LGE.

A-22. Yes, KU and LG&E are members of the Edison Electric Institute. See below for amounts charged for EEI.

KU	Account Charged	2012	2013	2014	2015	2016
Dues	566	\$7,500				
Dues	573				\$5,250	\$5,250
Dues	923				1,625	
Dues	930.2	303,958	\$473,057	\$483,410	538,252	614,497
Contributions	426.1	900	1,080	450	10,830	900
Lobbying	426.4	102,080	86,092	74,268	65,266	66,367
Employment Testing Software	107	4,680				
Employment Testing	903				1,177	446
Employment Testing	923			435	1,427	1,453
Employment Testing	930.2			3,465		
Total		\$419,118	\$560,229	\$562,028	\$623,827	\$688,913

LG&E	Account Charged	2012	2013	2014	2015	2016
Dues	923				875	
Dues	930.2	216,350	306,165	312,255	351,395	410,846
Contributions	426.1	1,100	920	550	8,553	1,100
Lobbying	426.4	74,056	61,731	52,778	46,754	47,317
Employment Testing Software	107	5,070				
Employment Testing	903				1,003	380
Employment Testing	923			371	1,216	1,237
Employment Testing	930.2			1,785		
Total		296,576	368,816	367,739	409,796	460,880

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 23

Responding Witness: Christopher M. Garrett

Q-23. Is the cost of being a member of EEI included in determining expenses for revenue requirement determination?

A-23. Yes. EEI costs are included in the cost of service except for the amounts allocable to lobbying and any associated contributions.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 24

Responding Witness: Robert M. Conroy

- Q-24. Please state whether the LFUCG's franchise fee applies to all tariffs for services provided in Fayette County? If not, please identify each tariff for which the franchise fee does not apply.
- A-24. See the tariffs filed at Tab 5 of the filing requirements for the current and proposed applicability of the franchise fee to each rate schedule. See also the response to Question No. 94 below.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 25

Responding Witness: Robert M. Conroy

- Q-25. In PSC Case No. 2016-00347, Louisville/Jefferson County Metro Government has asserted that the Sections 163 and 164 of the Kentucky Constitution prohibit LG&E from passing its franchise fee directly on to LG&E customers. Please state whether KU agrees that the Kentucky Constitution prohibits a utility from collecting franchise fees from customers and provide support for KU's position.
- A-25. No, KU does not agree that the Kentucky Constitution prohibits a utility from collecting franchise fees from its customers. Ky. Const. §§ 163 and 164 do not address how franchise fees are to be paid or prohibit a utility from collecting franchise fees from its customers. KRS Chapter 278 grants the Commission exclusive jurisdiction over the rates and services of utilities, including how a utility recovers franchise fees.¹

¹ KRS 278.040. *See also*, Ky. PSC v. Commonwealth ex. rel. Conway, 324 S.W.3d 373 (Ky. 2010); Southern Bell Tel. & Tel. Co. v. Louisville, 96 S.W.2d 695, 698 (Ky. 1936); Smith v. Southern Bell Tel. & Tel. Co., 104 S.W.2d 961 (Ky. 1937); Peoples Gas Co. of Kentucky, 165 S.W.2d 567 (Ky. 1942); Simpson County Water Dist. v. City of Franklin, 872 S.W.2d 460 (Ky. 1994); City of Florence v. Owen Elec. Coop., 832 S.W.2d 876 (Ky. 1992). *See also*, In the Matter of: General Adjustment of Rates of Kentucky Utilities Company, Case No. 7804, Order (Ky. PSC Oct. 1, 1980) (holding that “the Commission has jurisdiction in prescribing the form of bills to its customers and the treatment of franchise fees for rate making purposes.”); In the Matter of: The Local Taxes and/or Fees Tariff Filing of Columbia Gas of Kentucky, Inc., Case No. 7906, Order (Ky. PSC Oct. 10, 1980) (holding that “[t]he matter of the amount of such franchises is basically between the citizens within the franchise area and their local government, but its inclusion in a utility bill and the treatment of the charge for rate making purposes is a Commission matter.”).

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 26

Responding Witness: Robert M. Conroy

Q-26. LFUCG is aware of at least one example under which the costs related to public fire hydrants is purportedly assessed as an additional fee to those customers who are obtaining service from the regulated utility. Is KU willing to consider a model under which the public street light costs are billed to customers located in the areas in which the street lights are located?

A-26. KU is without sufficient information to consider the proposal at this time. KU currently provides street lighting services to customers who directly contract for such service. It directly bills these customers, whether a federal, state, or local governmental entity, a quasi-public agency, or a private consumer, for the service for which they have directly contracted. The proposed model would require KU to issue bills for a service for which its customers have not directly contracted. It would place KU in the role of collecting fees and charges that have historically been collected by governmental units, effectively transferring a governmental function to a private entity. Despite the significance of this proposal, LFUCG has not indicated how KU customers or the general public would benefit from KU's assumption of billing responsibility, how KU customers would be allocated the cost of street lighting, how responsibility for street lighting charges would be allocated to a geographical area, the rights that KU customers would have to question or dispute such charges, or how KU shareholders and KU ratepayers will be protected from bearing the administrative costs likely to result from the proposal. Any consideration of the proposal would first require this information at a minimum.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 27

Responding Witness: Robert M. Conroy

- Q-27. On page 4 of Mr. Conroy's testimony he states that Kentucky's overall rates for all classes remain 22% and 23% below national and regional averages. Please provide the similar comparison for street-lighting rates and identify the information on which the average is based.
- A-27. Mr. Conroy quoted the semi-annual publication produced by the Edison Electric Institute (EEI). The classes of service reference residential, commercial and industrial customers. The EEI survey does not review lighting rates and the Company knows of no publication that offers lighting comparisons.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

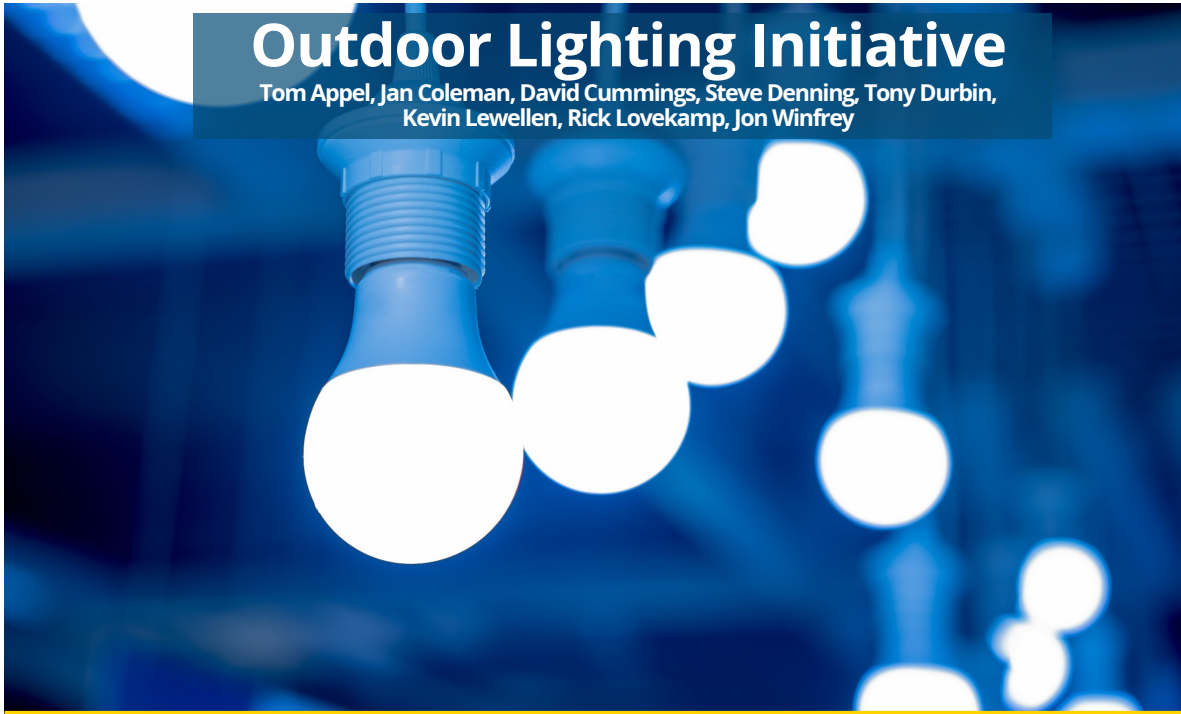
Question No. 28

Responding Witness: John P. Malloy

- Q-28. For the period of 2013 to present, please provide any KU internal and external business plans, presentations, marketing material, feasibility studies, lighting conversion financial analyses, customer economic studies, conversion financial models, and correspondence to senior leadership as created or prepared by or for KU as it relates to street lighting.
- A-28. See attached. Certain information requested is confidential and is being provided under seal pursuant to a petition for confidential protection.

Outdoor Lighting Initiative

Tom Appel, Jan Coleman, David Cummings, Steve Denning, Tony Durbin,
Kevin Lewellen, Rick Lovekamp, Jon Winfrey



David Cummings
Outdoor Lighting Initiative
November 2, 2016



Table Of Contents

	Page
Overview	3
Lighting background	4
Standard rates for lighting	4
Current number of lighting rate codes	4
Number of lights active/inactive by tariff sheet	5
Number of lights by lamp type	6
Light Stock Inventory	7
Financial/Statistical Data	8
PPL lighting	9 – 10
Federal regulation	11
Current initiatives	12
Light audits	12 – 13
Business process review	14 – 15
Strategies reviewed	16
Status Quo	16 – 17
No longer offer lights	18 – 19
Light rate code consolidation	20
Eliminate various light offerings and move to LED	21 – 26
Recommended strategy	27 – 30
Potential Options	31

Overview

Review lighting processes and strategy to ensure proper billing, rate design, and improve operations.

- Two pronged approach to Initiative
 1. Review lighting business process and underlying policies
 - Update process to ensure lights are properly accounted for and mapped.
 - Ensure processes conform to tariffs.
 - Align processes between companies where possible.
 - Identify business policies that are different and make recommendations to align.
 - Communicate final business process documents and business policies across company.
 2. Develop/review various lighting strategies in conjunction with industry trends and make recommendations for a companywide lighting strategy going forward with consideration to:
 - Streamline offerings, pricing, and operations.
 - Maintaining tariff and business process harmonization across all companies.

Lighting Background

Standard Rates for Lighting.

- Lighting Service (LS) LG&E/KU.
- Restricted Lighting Service (RLS) (Restricted to lights in service as of January 1, 2013) LG&E/KU.
- Private Outdoor Lighting (P.O.LT.) ODP (Jurisdictional)/(KU in Tennessee).
- Street Lighting Service (ST. LT.) ODP (Non-Jurisdictional).
- Current Number of Lighting Rate Codes - LG&E, KU, and ODP:

Standard Rate/Company	LS	RLS	P.O.LT.	ST.LT.	Total
LG&E	37	43			80
KU	39	28			67
KU – Tenn.			19		19
ODP – Juris.			7		7
ODP – Non-Juris.				10	10
Total	76	71	26	10	183

Lighting Background (Continued)

Number of Lights Active/Inactive by Tariff Sheet (at October 31, 2015)

	Active				In-Active				Total				
	KU	ODP	LG&E	Total	KU	ODP	LG&E	Total	KU	ODP	LG&E	Total	
LS	145,766		47,736	193,502	9,786		1,572	11,358	155,552		49,308	204,860	63.2%
RLS	26,038		40,673	66,711	2,924		1,167	4,091	28,962		41,840	70,802	21.8%
Other ODL/ST.LT	100	2,945		3,045		6		6	100	2,951		3,051	0.9%
POLT		6,458		6,458		1,084		1,084		7,542		7,542	2.3%
Unmetered temp suspension*	48	2	230	280	67	8	37,475	37,550	115	10	37,705	37,830	11.7%
Grand Total	171,952	9,405	88,639	269,996	12,777	1,098	40,214	54,089	184,729	10,503	128,853	324,085	100.0%

*Unmetered temp suspension - This is the rate billing uses to show that the lights have either been removed or have been moved to a different installation because a different party wanted to take over the billing.

Lighting Background (Continued)

Number of Lights by Lamp Type.

Lamp Type	Rate	Active				In-Active				Total			
		KU	ODP	LG&E	Total	KU	ODP	LG&E	Total	KU	ODP	LG&E	Total
High Pressure Sodium	LS	137,206	-	46,384	183,590	8,940	-	1,558	10,498	146,146	-	47,942	194,088
	RLS	12,069	-	26,593	38,662	70	-	375	445	12,139	-	26,968	39,107
	Other ODL/ST.LT	62	2,876	-	2,938	-	5	-	5	62	2,881	-	2,943
	POLT	-	4,569	-	4,569	-	320	-	320	-	4,889	-	4,889
	Unmetered Temp. Susp.	37	1	63	101	40	4	13,862	13,906	77	5	13,925	14,007
Total High Pressure Sodium		149,374	7,446	73,040	229,860	9,050	329	15,795	25,174	158,424	7,775	88,835	255,034
Incandescent	LS	-	-	-	-	-	-	-	-	-	-	-	-
	RLS	548	-	56	604	87	-	-	87	635	-	56	691
	Other ODL/ST.LT	-	-	-	-	-	-	-	-	-	-	-	-
	POLT	-	-	-	-	-	-	-	-	-	-	-	-
	Unmetered Temp. Susp.	-	-	-	-	-	-	50	50	-	-	50	50
Total Incandescent		548	-	56	604	87	-	50	137	635	-	106	741
Metal Halide	LS	8,560	-	1,352	9,912	846	-	14	860	9,406	-	1,366	10,772
	RLS	1,732	-	118	1,850	220	-	-	220	1,952	-	118	2,070
	Other ODL/ST.LT	-	-	-	-	-	-	-	-	-	-	-	-
	POLT	-	-	-	-	-	-	-	-	-	-	-	-
	Unmetered Temp. Susp.	5	-	-	5	2	-	-	2	7	-	-	7
Total Metal Halide		10,297	-	1,470	11,767	1,068	-	14	1,082	11,365	-	1,484	12,849
Mercury Vapor	LS	-	-	-	-	-	-	-	-	-	-	-	-
	RLS	11,689	-	13,906	25,595	2,547	-	792	3,339	14,236	-	14,698	28,934
	Other ODL/ST.LT	38	69	-	107	-	1	-	1	38	70	-	108
	POLT	-	1,889	-	1,889	-	764	-	764	-	2,653	-	2,653
	Unmetered Temp. Susp.	3	1	7	11	3	4	23,473	23,480	6	5	23,480	23,491
Total Mercury Vapor		11,730	1,959	13,913	27,602	2,550	769	24,265	27,584	14,280	2,728	38,178	55,186
Unmetered Temp. Susp.	Unmetered Temp. Susp.	3	-	160	163	22	-	90	112	25	-	250	275
Grand Total		171,952	9,405	88,639	269,996	12,777	1,098	40,214	54,089	184,729	10,503	128,853	324,085

Lighting Background (Continued)

Light Stock Inventory – July 31, 2016.

Item	LG&E/KU Onsite Inventory		Brownstown Inventory**		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
Accessory*	7,764	\$ 65,154	-	\$ -	7,764	\$ 65,154
Fixture:						
Incandescent	8	\$ 137		\$ -	8	\$ 137
High Pressure Sodium	1,767	\$ 270,282	2,749	\$ 281,695	4,516	\$ 551,977
Metal Halide	265	\$ 55,830	258	\$ 56,291	523	\$ 112,121
Metal Halide 1000W	42	\$ 15,399	49	\$ 24,468	91	\$ 39,867
Mercury Vapor	8	\$ 580	-	\$ -	8	\$ 580
Pole	609	\$ 334,443	-	\$ -	609	\$ 334,443
Total	10,463	\$ 741,824	3,056	\$ 362,454	13,519	\$ 1,104,278

*Accessory - Cable, photoelectric controls, arms, brackets, etc.

** Inventory amounts LG&E/KU would be liable for if contract ended as of July 31, 2016

- Brownstown Inventory – At contract end, company must purchase remaining inventory held exclusively for LG&E/KU.
 - With advance notice of a cutover to LED this amount can be managed down.
 - Brownstown maintains a 6 week supply of inventory.

Lighting Background (Continued)

Financial/Statistical Data (LG&E/KU/ODP).

- \$56.1 million revenue - 12 months ended June 2016.
- Maintenance \$1.5 million - 2016 budget.
- Capital \$12.8 million - 2016 budget (\$6.1 million new business, \$6.7 maintenance).
- Depreciation expense \$8.2 million per year based on June 2016 balance.
- Net Book Value lighting (poles, fixtures, conductor, etc.) \$139.3 million at June 30, 2016.
- Estimated property tax expense \$2 million per year.
- Energy usage 231.5 GWh - 12 months ended June 2016.

Lighting Background (Continued)

PPL Lighting.

PPL has approximately 102,000 lights, current PPL lighting tariffs:

Rate	Different Lumens	HPS (Various Configurations)	LED (Various Configurations)	Mercury Vapor (Various Configurations)	Total (Various Configurations)
SA- Private Outdoor Lighting	2	1	1		2
SM - Mercury Vapor Street Lighting*	6			25	25
SHS - High Pressure Sodium Street Light	5	23			23
SLE- Light Emitting Diode (LED)**	7		23		23
Total	20	24	24	25	73

*The mercury vapor (MV) lamps which fail will be transitioned to the High Pressure Sodium (HPS) (Rate Schedule SHS) nominal lumens equivalent or Light Emitting Diode (LED) (Rate Schedule SLE) nominal lumens equivalent. This is in accordance with the Energy Policy Act of 2005 - Section 135 H.R. 6-39, which states that "Mercury Vapor Lamp ballasts shall not be manufactured or imported after January 1, 2008."

** PPL offers 6 different fixture types (Acorn, Area Light, Cobra head, Shoe Box, Traditional, and Contemporary) all priced the same per lumen rating. HPS and Mercury Vapor are similar.

Lighting Background (Continued)

PPL Lighting (Continued).

- Introduced LED in 2015 rate case (Source: PPL Website, Brian Wynn Project Manager, PPL EU).
 - There was not a wholesale change-out to LED.
 - Customers may request to convert to LED.
 - PPL developed a tool customers could use to estimate their cost savings (costs include a one-time charge to replace fixtures less than ten years old (year 1 \$203 – year 10 \$168)).
 - 8,000 request to change to LED since new tariff took effect, January 2016.
 - Estimate replacing about 10,000 per year.
 - Not actively marketing LED.
 - LED contracts ,fifteen years for street lights, five for area lights.
 - HPS contracts , ten years for street lights, one year for area lights.

Lighting Background (Continued)

Federal Regulation.

- Mercury Vapor
 - The Energy Policy Act of 2005 – Section 135 H.R. 6-39 states that “Mercury Vapor Lamp ballasts shall not be manufactured or imported after January 1, 2008.”

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>
Mercury Vapor	27,602	27,584	55,186	23 RLS/POLT

- Metal Halide
 - 2014 DOE Regulations, effective February 10, 2017, 1,000 W fixtures will need to be replaced when ballasts fail.
 - All Metal Halide orders are being placed on hold until the first of the year pending outcome of new regulations.

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>
Metal Halide 1,000W	2,058	293	2,351	9 LS/RLS
Metal Halide (Excluding 1,000W)	9,709	789	10,498	21 LS/RLS/POLT
	<u>11,767</u>	<u>1,082</u>	<u>12,849</u>	<u>30</u>



Current Initiatives

Light Audits.

- Performed to ensure correct billing of lights.
- A light audit was performed on the City of Louisville (Original City Limits) in 2008-2010.
 - The audit included all City of Louisville lights and all private outdoor lights.
 - The audit was performed by Syntergetic. LG&E Assets Information employees audited Syntergetic's findings, made changes to GIS, and followed up with billing.
 - A grid system for accounting for lights was developed during the audit process to enhance performance of future audits for the city of Louisville.

Current Initiatives

Light Audits (continued).

- Current audits of the KU and LG&E territory are being conducted by Asset Information personnel.
 - There are approximately 200 cities in the KU territory and 147 cities in LGE electric service territory. Since 2010, 47 cities and 49 cities in the KU and LG&E territories, respectively, have been audited.
 - Audits are ongoing. All cities are being reviewed and will be audited as resources are available. Additional audits are performed at the request of external and/or internal customers.
 - Private outdoor lights within a franchise area are included in the audits, those private outdoor lights outside the city limits are not currently being audited.

Current Initiatives (continued)

Business Process Review.

- Review/update business process to promote consistency between companies and compliance with tariffs and improve operations.
 - Inconsistency between companies will exist due to different group structure between LG&E, KU, and ODP (dedicated group for LG&E), but it is not significant.
 - Process improvement - Asset Information to scan all contracts (currently scan only LG&E).
 - Business policy concerns.
 - Contracts
 - Universal contract needed for all companies.
 - When do we obtain a contract.
 - LG&E gets a contract on every new install.
 - KU/ODP contract only when additional facilities are needed.

Current Initiatives (continued)

Business Process Review (continued).

- Review/update business process to promote consistency between companies and compliance with tariffs and improve operations (continued).
 - Business policy concerns (continued).
 - Contracts (continued).
 - Enforce contract terms consistently.
 - Bill maintenance for other than burnout – in tariffs but not being billed.

Strategies Reviewed

Status Quo.

- Maintain current light rate structure.
- Continue fixture replacement when ballast fails on Mercury Vapor, Incandescent, and 1,000 watt Metal Halide with a LS HPS or LED equivalent fixture (meets current Federal regulations).

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>			
				<u>LS</u>	<u>RLS</u>	<u>POLT</u>	<u>Total</u>
Mercury Vapor	27,602	27,584	55,186	-	20	3	23
Incandescent	604	137	741	-	7	-	7
Metal Halide 1,000W	2,058	293	2,351	6	3	-	9
	<u>30,264</u>	<u>28,014</u>	<u>58,278</u>	<u>6</u>	<u>30</u>	<u>3</u>	<u>39</u>

- Eliminates 39 rate codes through attrition.
- Continue to review/update lighting business process and policies to promote operational improvements, consistency between companies, and compliance with tariffs.

Strategies Reviewed

Status Quo (continued).

- Continue audits as scheduled and as requested.
- Continue monitoring lighting manufacturer trends to determine how it may affect light offerings.

Strategies Reviewed

No longer offer lights.

- Sell lights, offer maintenance service, move all customers to rate LE.

	Sell lights - One Time Event,		
	Current	Move all customers to rate LE:	
		Sell - No Maintenance	Sell - Offer Maintenance
Amount	Amount	Amount	
Estimated Revenue			
Current Revenue - 12 Months Ending June 30, 2016	\$ 56,177,171	\$ -	\$ -
LE Tariff Revenue - Estimated	\$ -	\$ 16,562,311	\$ 16,562,311
Maintenance Contract Revenue - Estimated	\$ -	\$ -	\$ 8,220,000
Total Estimated Revenue	\$ 56,177,171	\$ 16,562,311	\$ 24,782,311
Estimated Costs			
Estimated Energy Costs	\$ (6,465,266)	\$ (6,465,266)	\$ (6,465,266)
Estimated Property Tax	\$ (2,019,497)	\$ -	\$ -
Annual Depreciation Expense	\$ (8,242,904)	\$ -	\$ -
Maintenance Expense (2016 Budget)	\$ (1,518,000)	\$ -	\$ (1,518,000)
Maintenance Expense currently capitalized (2016 Budget)	\$ -	\$ -	\$ (6,702,000)
Total Estimated Costs	\$ (18,245,667)	\$ (6,465,266)	\$ (14,685,266)
Estimated Contribution	\$ 37,931,504	\$ 10,097,045	\$ 10,097,045
Change from Current		\$ (27,834,460)	\$ (27,834,460)
Sell lights - One Time Event, Move all customers to rate LE:			
One Time Gain - Net Book Value	\$ -	\$ 139,268,241	\$ 139,268,241
Inventory write off	\$ -	\$ (1,104,278)	\$ -
	\$ -	\$ 138,163,963	\$ 139,268,241
Capital savings - New Business/Maint. (2016 Budget)	\$ -	\$ 12,800,000	\$ 12,800,000

Strategies Reviewed (continued)

No longer offer lights (continued).

- Sell lights, offer maintenance service, move all customers to rate LE (continued).
 - \$27.8 million annual reduction in contribution.
 - Poor customer experience.
 - Large expense for customer.
 - Maintenance falls to customer (diminished reliability) or customer contracts with Company.
 - Pole attachment issues (not allow customer owned light on company poles).
 - KPSC issues.
 - Meter costs.
 - Personnel issues.

Strategies Reviewed (continued)

Light rate code consolidation.

- Goes against sound cost of service principals.
- Winners and losers, very political customer base.
 - Summary of December 2015 rate code consolidation analysis:
 - 11,816 Business Partners with 108,550 lights get a decrease.
 - 48,894 Business Partners with 153,815 lights get an increase.
 - (25,261 lights in City of Louisville).
 - See light rate code consolidation presentation “Lighting Rate Code Consolidation” dated December 1, 2015.

Strategies Reviewed (continued)

Eliminate various light offerings and move to LED.

- Scenario 1 - Wholesale change out of Mercury Vapor, Incandescent, and 1,000 watt Metal Halide fixtures that are currently replaced with LS offering when ballast fails.

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>			
				<u>LS</u>	<u>RLS</u>	<u>POLT</u>	<u>Total</u>
Mercury Vapor	27,602	27,584	55,186	-	20	3	23
Incandescent	604	137	741	-	7	-	7
Metal Halide 1,000W	2,058	293	2,351	6	3	-	9
	30,264	28,014	58,278	6	30	3	39

- Scenario 2 - Wholesale change out of fixtures mandated by Federal Regulation.

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>			
				<u>LS</u>	<u>RLS</u>	<u>POLT</u>	<u>Total</u>
Mercury Vapor	27,602	27,584	55,186	-	20	3	23
Metal Halide 1,000W	2,058	293	2,351	6	3	-	9
	29,660	27,877	57,537	6	23	3	32

Strategies Reviewed (continued)

Eliminate various light offerings and move to LED (continued).

- Scenario 3 – Wholesale change out of fixtures on rate RLS and mandated by Federal Regulation.

	<u>Active</u>	<u>Inactive</u>	<u>Total</u>	<u>Rate Codes</u>			
				<u>LS</u>	<u>RLS</u>	<u>POLT</u>	<u>Total</u>
High Pressure Sodium	38,662	445	39,107	-	28	-	28
Incandescent	604	137	741	-	7	-	7
Metal Halide (excl. 1,000W)	9,709	789	10,498	12	7	2	21
Metal Halide 1,000W	2,058	293	2,351	6	3	-	9
Mercury Vapor	27,602	27,584	55,186	-	20	3	23
	78,635	29,248	107,883	18	65	5	88

- Scenario 4 – Wholesale change out of all fixtures.

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>			
				<u>LS</u>	<u>RLS</u>	<u>POLT</u>	<u>Total</u>
High Pressure Sodium	229,759	11,268	241,027	57	28	32	117
Incandescent	604	137	741	-	7	-	7
Metal Halide	11,762	1,080	12,842	18	10	2	30
Mercury Vapor	27,602	27,584	55,186	-	20	3	23
	269,727	40,069	309,796	75	65	37	177

Strategies Reviewed (continued)

Eliminate various light offerings and move to LED (continued).

- Cost/savings assumptions.
 - High level costs/savings estimates
 - LG&E/KU proposed LED fixture and labor costs matched to existing fixtures based on approximate lumen and watt.
 - Stranded asset costs (Net Book Value for all fixtures) \$99.3 million – seek recovery from KPSC.
 - Energy savings with LED – ranges reported* 39% - 63% non-peak energy savings.
 - Variable production costs pricing, 12 month rolling average \$27.93/MWh.
 - Inventory - actual cost held by LG&E/KU and Brownstown.
 - Maintenance savings range reported* - 30% - 50% per light per year.

*Northeast Energy Efficiency Partnerships, "LED Street Lighting Assessment and Strategies for the Northeast and Mid-Atlantic", dated January 2015, and New York State Energy Research and Development Authority, "Street Lighting in New York State: Opportunities and Challenges", dated January 2015.

Strategies Reviewed (continued)

Eliminate various light offerings and move to LED (continued).

- Cost/savings assumptions (continued).

	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	MV / Incand / 1000W MH		Fed. Reg. Lights		RLS/Fed. Reg. Lights		All Lights	
Number of Active Lights	30,264		29,660		78,635		269,727	
Percentage of total	11%		11%		29%		100%	
Estimated Costs (\$ in millions):	Range		Range		Range		Range	
Costs	\$31.1	- \$42.9	\$30.8	- \$42.4	\$72.9	- \$83.5	\$265.8	- \$287.7
Stranded Asset Costs - (Net Book Value)	\$17.3	- \$17.3	\$17.3	- \$17.3	\$30.5	- \$30.5	\$99.3	- \$99.3
Inventory Costs write-off	\$0.0	- \$0.0	\$0.0	- \$0.0	\$0.2	- \$0.2	\$1.1	- \$1.1
Total	\$48.4	- \$60.3	\$48.2	- \$59.7	\$103.5	- \$114.1	\$366.2	- \$388.1
Annual Energy Savings - GWh (non-peak)	16.6	- 26.8	16.4	- 26.4	30.7	- 49.7	90.3	- 145.8
Annual Costs/Savings (\$ in millions):	Range		Range		Range		Range	
Additional Depreciation Expense	\$0.5	- \$1.0	\$0.5	- \$1.0	\$1.6	- \$2.0	\$6.4	- \$7.2
Additional Property Tax Expense	\$0.2	- \$0.4	\$0.2	- \$0.4	\$0.6	- \$0.8	\$2.4	- \$2.7
Variable Production Costs Savings	(\$0.5)	- (\$0.7)	(\$0.5)	- (\$0.7)	(\$0.9)	- (\$1.4)	(\$2.5)	- (\$4.1)
Maintenance Savings (Expense and Capital)	(\$0.3)	- (\$0.5)	(\$0.3)	- (\$0.5)	(\$0.7)	- (\$1.2)	(\$2.5)	- (\$4.1)
Total	(\$0.0)	- \$0.1	(\$0.0)	- \$0.1	\$0.7	- \$0.2	\$3.8	- \$1.8

Strategies Reviewed (continued)

Eliminate various light offerings and move to LED (continued).

- Benefits.
 - Energy Savings
 - Maintenance Costs Savings
 - Extended Lifecycle
 - Lower carbon emissions
 - “Dark Sky” light pollution improvements due to improved optical control.
 - Sharper contrast brighter light improves visibility and provides greater perceived security.
 - Partial/Complete system audit - Every active light within each scenario would be removed and replaced, giving an accurate count and location.
 - In-active and unmetered lights in each scenario would be removed.

Strategies Reviewed (continued)

Eliminate various light offerings and move to LED (continued).

- Issues.
 - High cost to replace fully functioning lights.
 - Stranded Asset Costs \$17.3 million - \$99.3 million (Net Book Value for fixtures only).
 - Seek recovery from KPSC, recovery would increase cost to customers.
 - AMA Health Warning
- Other.
 - All scenarios meet current federal regulations.
 - Very political customer base.

Recommended Strategy

Recommend strategy Status Quo with the following additions.

- In next rate case.
 - True-up cost of service study.
 - Add LED offerings to tariffs.
 - Move Metal Halide fixtures to tariff sheet RLS.
 - Update tariffs to reflect current company practices.
 - Remove spot replacement language from RLS Availability of Service for lights being replaced when ballast fails.

AVAILABILITY OF SERVICE

Service under this rate schedule is restricted to those lighting fixtures/poles in service as of January 1, 2013, except where a spot replacement maintains the continuity of multiple fixtures/poles composing a neighborhood lighting system or continuity is desired for a subdivision being developed in phases. Spot placement of restricted fixtures/poles is contingent on the restricted fixtures/poles being available from manufacturers. Spot replacement of restricted units will be made under the terms and conditions provided for under non-restricted Lighting Service Rate LS. Spot replacements will not be available for Mercury Vapor rate codes and Incandescent rate codes.

In the event restricted fixtures/poles fail and replacements are unavailable, Customer will be given the choice of having Company remove the failed fixture/pole or replacing the failed fixture/pole with other available fixture/pole.

Recommended Strategy

Recommend strategy Status Quo with the following additions (continued).

- In next rate case (continued).
 - Update tariffs to reflect current company practices (continued).
 - Remove spot replacement language from RLS Availability of Service for lights being replaced when ballast fails (continued).

	<u>Active</u>	<u>In-active</u>	<u>Total</u>	<u>Rate Codes</u>			
				<u>LS</u>	<u>RLS</u>	<u>POLT</u>	<u>Total</u>
Mercury Vapor	27,602	27,584	55,186	-	20	3	23
Incandescent	604	137	741	-	7	-	7
Metal Halide (excl. 1,000W)	9,709	789	10,498	12	7	2	21
Metal Halide 1,000W	2,058	293	2,351	6	3	-	9
	<u>39,973</u>	<u>28,803</u>	<u>68,776</u>	<u>18</u>	<u>37</u>	<u>5</u>	<u>60</u>

Recommended Strategy

Recommend strategy Status Quo with the following additions (continued).

- In next rate case (continued).
 - Update tariffs to reflect current company practices (continued).
 - Either mandate or remove, billing for maintenance other than burnout, from Terms and Conditions of LS/RLS tariffs. It is not currently being enforced consistently.

TERMS AND CONDITIONS

~~3. Customer shall be responsible for the cost of fixture replacement or repairs where such replacement or repairs are caused from willful damage, vandalism, or causes other than normal burnouts.~~ Company may decline to provide or continue service in locations where, in Company's judgment, such facilities will be subject to unusual hazards or risk of damage.

- Develop Business Policies to be applied consistently at all companies and across all customers for the following.
 - Contracts.
 - Universal contract.
 - When to get a contract.
 - Process to enforce terms.

Recommended Strategy

Recommend strategy Status Quo with the following additions (continued).

- Review in-active and unmetered temp suspension lights.
- Consider audit plan for all lights outside currently audited cities and all in-active/unmetered lights.
- Consider creating organizational structure dedicated to both KU/LG&E lighting.

Recommended Strategy (continued)

Potential Options.

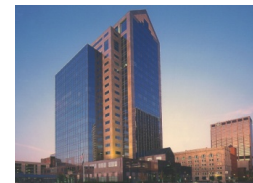
- Perform full economic analysis to evaluate filing for system wide LED change out, that is also capable of evaluating all scenarios discussed.
- Develop tool to estimate cost to switch to LED (Similar to PPL).



PPL companies

Lighting Rate Code Consolidation

December 1, 2015



Lighting Rate Codes

- During the 2012 LG&E/KU rate case, members of State Regulations and Rates and Distribution Operations worked together to reduce the number of rate codes from 286 down to the current level of 147 rate codes, a reduction of 49%.
- LG&E and KU both have two Standard Rates for Lighting
 - LS- Lighting Service
 - RLS – Restricted Lighting Service (Restricted to lights in service as of January 1, 2013)
- Current Number of Lighting Rate Codes - LG&E and KU

Standard Rate	<u>LS</u>	<u>RLS</u>	<u>TOTAL</u>
LG&E	37	43	80
KU	<u>39</u>	<u>28</u>	<u>67</u>
Total	76	71	147



Lighting Rate Codes (Continued)

- Sample Tariff Sheet LS offerings:

OVERHEAD SERVICE

Based on Customer's lighting choice, Company will furnish, own, install, and maintain the lighting unit. A basic overhead service includes lamp, fixture, photoelectric control, mast arm, and, if needed, up to 150 feet of conductor per fixture on existing wood poles (fixture only). Company will, upon request furnish ornamental poles, of Company's choosing, together with overhead wiring and all other equipment mentioned for basic overhead service.

RATE

Rate Code	Type of Fixture	Approximate Lumens	kW Per Light	Monthly Charge Fixture Only
High Pressure Sodium				
452	Cobra Head	16,000	0.181	\$12.83
453	Cobra Head	28,500	0.294	15.09
454	Cobra Head	50,000*	0.471	17.39
455	Directional	16,000	0.181	\$13.78
456	Directional	50,000*	0.471	18.22
457	Open Bottom	9,500	0.117	\$10.87
Metal Halide				
470	Directional	12,000	0.150	\$12.80
473	Directional	32,000	0.350	18.69
476	Directional	107,800*	1.080	39.62



Methods Used to Consolidate Lighting Rate Codes

Maintain the current Standard Rate LS/RLS structure with the following exceptions (LG&E and KU Only):	Method			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Eliminate overhead/underground distinction		✓	✓	✓
Eliminate type of fixture distinction (Cobra Head, Directional, etc.)	✓	✓	✓	✓
Consolidate pole types (Historic Fluted, Decorative Smooth, etc.)	✓	✓	✓	✓
Consolidate lighting into four groups based on approximate lumens or pole/restricted class: Group 1 < 12,000 lumens, Group 2 between 12,000 and 100,000 lumens, Group 3 > 100,000 lumens, Group 4 pole only or restricted class	✓	✓		
Eliminate approximate lumens or pole/restricted class			✓	✓
Group Metal Halide to achieve less than a \$6.50 increase per light				✓
Estimated pricing for consolidated groups using weighted average costing	✓	✓	✓	✓



PPL companies

Methods Used to Consolidate Lighting Rate Codes (Continued)

Illustration - High Pressure Sodium and Metal Halide:

	Tariff	Rate Code	Service Type	Type of Light	Type of Fixture	Approx. Lumens	kW Per Light	Monthly Charge	
								Fixture Only	Ornamental
Current Tariff	LS	462	Overhead	High Pressure Sodium	Cobra Head	5,800	0.083	\$ 9.38	
	LS	472	Overhead	High Pressure Sodium	Cobra Head	5,800	0.083		\$ 12.56
	LS	487	Overhead	High Pressure Sodium	Directional	9,500	0.117	\$ 9.75	

	Tariff	Rate Code	Service Type	Type of Light	Type of Fixture	Lumens Group	kW Per Light	(Consolidate pole types)	Monthly Charge
Method 1	LS	111	Overhead	High Pressure Sodium	n/a	< 12,000	n/a	With Pole	\$ 12.56
	LS	222	Overhead	High Pressure Sodium	n/a	< 12,000	n/a	Without Pole	\$ 9.57
Method 2	LS	333	n/a	High Pressure Sodium	n/a	< 12,000	n/a	With Pole	\$ 12.56
	LS	444	n/a	High Pressure Sodium	n/a	< 12,000	n/a	Without Pole	\$ 9.57
Method 3	LS	555	n/a	High Pressure Sodium	n/a	n/a	n/a	n/a	\$ 10.56
Method 4	LS	666	n/a	High Pressure Sodium	n/a	n/a	n/a	n/a	\$ 10.56
	LS	777	n/a	Metal Halide - 1	n/a	n/a	n/a	n/a	\$ 6.50
	LS	888	n/a	Metal Halide - 2	n/a	n/a	n/a	n/a	\$ 6.00



Methods Used to Consolidate Lighting Rate Codes (Continued)

- Number of rate codes currently and with each alternative method

	Number of Rate Codes	Max. Monthly Charge Increase Per Rate Code
Current	147	n/a
Method 1	66	\$6.31
Method 2	51	\$6.31
Method 3	15	\$16.47
Method 4	22	\$6.38

- Business Partner counts and number of lights used in this analysis based on July 2015.
- Revenue and revenue impacts were calculated using the current price per rate code multiplied by corresponding July quantities. These represent a single month of lighting revenue.



Range of Customer Impact Across Percent Change

Method 1

Percent Change		Decrease			Increase		
From	To	Business Partner	Avg \$	Largest \$	Business Partner	Avg \$	Largest \$
		Count at July 2015	Impact/Month	Impact/Month	Count at July 2015	Impact/Month	Impact/Month
0%	5%	7,011	\$ (3)	\$ (9,143)	7,173	\$ 1	\$ 883
5%	10%	8,135	\$ (3)	\$ (3,034)	27,500	\$ 2	\$ 20,753
10%	15%	4,020	\$ (11)	\$ (753)	727	\$ 22	\$ 4,294
15%	20%	140	\$ (33)	\$ (299)	1,114	\$ 11	\$ 264
20%	25%	120	\$ (41)	\$ (527)	2,847	\$ 7	\$ 1,524
25%	30%	310	\$ (23)	\$ (669)	1,172	\$ 5	\$ 223
30%	35%	85	\$ (163)	\$ (7,387)	18	\$ 43	\$ 124
35%	40%	15	\$ (57)	\$ (296)	239	\$ 25	\$ 204
40%	45%	13	\$ (327)	\$ (3,658)	28	\$ 48	\$ 1,072
45%	50%	12	\$ (186)	\$ (740)	0	\$ -	\$ -
50%	55%	24	\$ (63)	\$ (512)	0	\$ -	\$ -
55%	60%	4	\$ (210)	\$ (468)	0	\$ -	\$ -
100%	105%	3	\$ -	\$ -	0	\$ -	\$ -

NOTE: Largest \$ impacts are driven by the number of lights



Range of Customer Impact Across Percent Change (Continued)

Method 2

Percent Change		Decrease			Increase		
From	To	Business Partner	Avg \$	Largest \$	Business Partner	Avg \$	Largest \$
		Count at July 2015	Impact/Month	Impact/Month	Count at July 2015	Impact/Month	Impact/Month
0%	5%	6,944	\$ (1)	\$ (511)	6,915	\$ 3	\$ 9,518
5%	10%	8,145	\$ (3)	\$ (3,022)	27,638	\$ 2	\$ 20,857
10%	15%	4,050	\$ (10)	\$ (744)	735	\$ 23	\$ 4,395
15%	20%	166	\$ (39)	\$ (325)	1,134	\$ 12	\$ 264
20%	25%	162	\$ (39)	\$ (462)	3,082	\$ 7	\$ 575
25%	30%	300	\$ (27)	\$ (923)	1,182	\$ 4	\$ 223
30%	35%	77	\$ (239)	\$ (7,387)	0	\$ -	\$ -
35%	40%	120	\$ (71)	\$ (602)	2	\$ 7	\$ 12
40%	45%	15	\$ (307)	\$ (3,658)	0	\$ -	\$ -
45%	50%	12	\$ (186)	\$ (740)	0	\$ -	\$ -
50%	55%	22	\$ (35)	\$ (125)	0	\$ -	\$ -
60%	65%	6	\$ (307)	\$ (590)	0	\$ -	\$ -
100%	105%	3	\$ -	\$ -	0	\$ -	\$ -

NOTE: Largest \$ impacts are driven by the number of lights



Range of Customer Impact Across Percent Change (Continued)

Method 3

Percent Change		Method 3					
From	To	Decrease			Increase		
		Business Partner	Avg \$	Largest \$	Business Partner	Avg \$	Largest \$
		Count at July 2015	Impact/Month	Impact/Month	Count at July 2015	Impact/Month	Impact/Month
0%	5%	1,268	\$ (7)	\$ (1,587)	700	\$ 19	\$ 8,450
5%	10%	2,157	\$ (8)	\$ (2,662)	5,013	\$ 4	\$ 1,829
10%	15%	2,419	\$ (8)	\$ (509)	800	\$ 33	\$ 4,293
15%	20%	980	\$ (95)	\$ (69,567)	1,528	\$ 28	\$ 2,779
20%	25%	688	\$ (40)	\$ (794)	1,292	\$ 19	\$ 1,451
25%	30%	414	\$ (50)	\$ (1,810)	812	\$ 18	\$ 714
30%	35%	315	\$ (59)	\$ (788)	9,381	\$ 4	\$ 297
35%	40%	1,658	\$ (31)	\$ (1,451)	953	\$ 13	\$ 2,089
40%	45%	300	\$ (102)	\$ (3,473)	470	\$ 14	\$ 163
45%	50%	385	\$ (60)	\$ (1,272)	26,441	\$ 5	\$ 497
50%	55%	58	\$ (398)	\$ (11,986)	131	\$ 30	\$ 183
55%	60%	92	\$ (112)	\$ (517)	2,204	\$ 7	\$ 192
60%	65%	35	\$ (327)	\$ (1,932)	29	\$ 29	\$ 113
65%	70%	1	\$ (324)	\$ (324)	13	\$ 44	\$ 100
70%	75%	5	\$ (348)	\$ (659)	145	\$ 17	\$ 160
80%	85%	0	\$ -	\$ -	4	\$ 28	\$ 34
85%	90%	0	\$ -	\$ -	1	\$ 19	\$ 19
100%	105%	4	\$ -	\$ -	0	\$ -	\$ -

NOTE: Largest \$ impacts are driven by the number of lights



Range of Customer Impact Across Percent Change (Continued)

Method 4

Percent Change		Method 4					
From	To	Decrease			Increase		
		Business Partner	Avg \$	Largest \$	Business Partner	Avg \$	Largest \$
		Count at July 2015	Impact/Month	Impact/Month	Count at July 2015	Impact/Month	Impact/Month
0%	5%	2,520	\$ (5)	\$ (1,166)	1,033	\$ 14	\$ 8,450
5%	10%	2,227	\$ (9)	\$ (2,668)	5,075	\$ 5	\$ 1,856
10%	15%	2,444	\$ (8)	\$ (509)	795	\$ 29	\$ 4,293
15%	20%	962	\$ (94)	\$ (68,933)	1,340	\$ 30	\$ 2,779
20%	25%	694	\$ (38)	\$ (692)	415	\$ 30	\$ 1,446
25%	30%	356	\$ (45)	\$ (1,831)	738	\$ 18	\$ 702
30%	35%	293	\$ (53)	\$ (804)	9,357	\$ 4	\$ 297
35%	40%	1,599	\$ (27)	\$ (1,274)	1,083	\$ 12	\$ 2,089
40%	45%	167	\$ (135)	\$ (3,473)	453	\$ 13	\$ 163
45%	50%	370	\$ (53)	\$ (1,272)	26,434	\$ 5	\$ 497
50%	55%	55	\$ (408)	\$ (11,986)	5	\$ 19	\$ 22
55%	60%	84	\$ (118)	\$ (1,868)	2,166	\$ 7	\$ 192
60%	65%	35	\$ (282)	\$ (1,889)	0	\$ -	\$ -
65%	70%	1	\$ (324)	\$ (324)	0	\$ -	\$ -
70%	75%	5	\$ (348)	\$ (659)	0	\$ -	\$ -
100%	105%	4	\$ -	\$ -	0	\$ -	\$ -

NOTE: Largest \$ impacts are driven by the number of lights



Customer Impacts Top 10 \$ Increase/Decrease

CONFIDENTIAL INFORMATION REDACTED

Method 1

Top 10 Customers with negative impact - \$						Top 10 Customers with positive impact - \$							
Rank	BP Name	No. of Lights	July 2015			% Increase	Rank	BP Name	No. of Lights	July 2015			% Decrease
			Revenue	Increase						Revenue	Decrease		
1		25,261	\$ 402,658	\$ 20,753	5%	1		30,813	\$ 451,969	\$ (9,143)	-2%		
2		3,122	\$ 41,044	\$ 4,294	10%	2		675	\$ 23,632	\$ (7,387)	-31%		
3		2,742	\$ 32,930	\$ 1,716	5%	3		251	\$ 8,390	\$ (3,658)	-44%		
4		629	\$ 7,232	\$ 1,524	21%	4		1,739	\$ 31,806	\$ (3,034)	-10%		
5		883	\$ 9,927	\$ 1,170	12%	5		733	\$ 9,850	\$ (828)	-8%		
6		676	\$ 8,563	\$ 1,160	14%	6		399	\$ 5,269	\$ (753)	-14%		
7		224	\$ 2,498	\$ 1,072	43%	7		44	\$ 1,501	\$ (740)	-49%		
8		426	\$ 8,696	\$ 903	10%	8		118	\$ 2,584	\$ (669)	-26%		
9		2,021	\$ 27,127	\$ 883	3%	9		1,768	\$ 17,674	\$ (611)	-3%		
10		702	\$ 12,245	\$ 702	6%	10		1,318	\$ 15,923	\$ (600)	-4%		

Method 2

Top 10 Customers with negative impact - \$						Top 10 Customers with positive impact - \$							
Rank	BP Name	No. of Lights	July 2015			% Increase	Rank	BP Name	No. of Lights	July 2015			% Decrease
			Revenue	Increase						Revenue	Decrease		
1		25,261	\$ 402,658	\$ 20,857	5%	1		675	\$ 23,632	\$ (7,387)	-31%		
2		30,813	\$ 451,969	\$ 9,518	2%	2		251	\$ 8,390	\$ (3,658)	-44%		
3		3,122	\$ 41,044	\$ 4,395	11%	3		1,739	\$ 31,806	\$ (3,022)	-10%		
4		676	\$ 8,563	\$ 1,162	14%	4		86	\$ 2,983	\$ (1,022)	-34%		
5		2,131	\$ 22,964	\$ 1,032	4%	5		96	\$ 3,194	\$ (923)	-29%		
6		629	\$ 7,232	\$ 996	14%	6		118	\$ 2,584	\$ (863)	-33%		
7		426	\$ 8,696	\$ 871	10%	7		101	\$ 2,556	\$ (828)	-32%		
8		883	\$ 9,927	\$ 846	9%	8		399	\$ 5,269	\$ (744)	-14%		
9		702	\$ 12,245	\$ 704	6%	9		44	\$ 1,501	\$ (740)	-49%		
10		224	\$ 2,498	\$ 575	23%	10		65	\$ 2,174	\$ (723)	-33%		

Page 11



Customer Impacts Top 10 \$ Increase/Decrease (Continued)

CONFIDENTIAL INFORMATION REDACTED

Method 3

Top 10 Customers with negative impact - \$						Top 10 Customers with positive impact - \$					
Rank	BP Name	No. of		July 2015		Rank	BP Name	No. of		July 2015	
		Lights	Revenue	Increase	% Increase			Lights	Revenue	Decrease	% Decrease
1	[REDACTED]	25,261	\$ 402,658	\$ 8,450	2%	1	[REDACTED]	30,813	\$ 451,969	\$ (69,567)	-15%
2	[REDACTED]	2,250	\$ 39,407	\$ 4,293	11%	2	[REDACTED]	675	\$ 23,632	\$ (11,986)	-51%
3	[REDACTED]	1,768	\$ 17,674	\$ 2,779	16%	3	[REDACTED]	251	\$ 8,390	\$ (3,473)	-41%
4	[REDACTED]	425	\$ 5,378	\$ 2,089	39%	4	[REDACTED]	2,742	\$ 32,930	\$ (2,662)	-8%
5	[REDACTED]	2,033	\$ 24,002	\$ 1,829	8%	5	[REDACTED]	96	\$ 3,194	\$ (1,932)	-60%
6	[REDACTED]	1,211	\$ 14,381	\$ 1,777	12%	6	[REDACTED]	86	\$ 2,983	\$ (1,889)	-63%
7	[REDACTED]	1,350	\$ 15,614	\$ 1,574	10%	7	[REDACTED]	236	\$ 6,134	\$ (1,810)	-30%
8	[REDACTED]	646	\$ 6,774	\$ 1,451	21%	8	[REDACTED]	1,739	\$ 31,806	\$ (1,587)	-5%
9	[REDACTED]	1,110	\$ 19,951	\$ 1,434	7%	9	[REDACTED]	2,021	\$ 27,127	\$ (1,486)	-5%
10	[REDACTED]	2,131	\$ 22,964	\$ 1,339	6%	10	[REDACTED]	110	\$ 3,845	\$ (1,451)	-38%

Method 4

Top 10 Customers with negative impact - \$						Top 10 Customers with positive impact - \$					
Rank	BP Name	No. of		July 2015		Rank	BP Name	No. of		July 2015	
		Lights	Revenue	Increase	% Increase			Lights	Revenue	Decrease	% Decrease
1	[REDACTED]	25,261	\$ 402,658	\$ 8,450	2%	1	[REDACTED]	30,813	\$ 451,969	\$ (68,933)	-15%
2	[REDACTED]	2,250	\$ 39,407	\$ 4,293	11%	2	[REDACTED]	675	\$ 23,632	\$ (11,986)	-51%
3	[REDACTED]	1,768	\$ 17,674	\$ 2,779	16%	3	[REDACTED]	251	\$ 8,390	\$ (3,473)	-41%
4	[REDACTED]	425	\$ 5,378	\$ 2,089	39%	4	[REDACTED]	2,742	\$ 32,930	\$ (2,668)	-8%
5	[REDACTED]	2,033	\$ 24,002	\$ 1,856	8%	5	[REDACTED]	86	\$ 2,983	\$ (1,889)	-63%
6	[REDACTED]	1,350	\$ 15,614	\$ 1,552	10%	6	[REDACTED]	96	\$ 3,194	\$ (1,868)	-58%
7	[REDACTED]	1,211	\$ 14,381	\$ 1,484	10%	7	[REDACTED]	236	\$ 6,134	\$ (1,831)	-30%
8	[REDACTED]	646	\$ 6,774	\$ 1,446	21%	8	[REDACTED]	1,739	\$ 31,806	\$ (1,721)	-5%
9	[REDACTED]	1,110	\$ 19,951	\$ 1,434	7%	9	[REDACTED]	2,021	\$ 27,127	\$ (1,482)	-5%
10	[REDACTED]	2,131	\$ 22,964	\$ 1,339	6%	10	[REDACTED]	65	\$ 2,174	\$ (1,348)	-62%



Issues/Concerns

- Operational impacts
 - Existing rate structure in Louisville is very solid both from auditing process and from internal /external inquires of our street lighting assets. We know exactly what type of lights a customer has because each fixture type has its own rate code.
 - For a customer will multiple types of lights, it could create challenges for auditing customers records.
 - If existing rate structure is consolidated, the current light information will have to be maintained in SmallWorld.

Issues/Concerns (Continued)

- Operational impacts (continued)
 - Simplify the RSG and BI process associated with adding and removing lights.
 - Logistics of migrating the existing structure to the new structure in CCS has not been determined.
 - Might be risky to change rate categories in midst of code freeze during CCS upgrade.
- Cross subsidization of monthly charge (current prices range from \$3.67 - \$72.59)

Issues/Concerns (Continued)

- kW ratings will be calculated for each new group using a weighted average, causing Fuel Adjustment Clause (FAC) cross subsidization.
- Biggest \$ impacts to government and cities because of number of lights.
- Costs will not be recovered if customers move from a lower price (currently) to higher price (currently) fixture that is in the same proposed pricing group.
- New cost structure may cause revenue loss.

Issues/Concerns (Continued)

- Method 4 achieves the lowest number of rate codes with the lowest monthly maximum charge increase.
- Company has 147 rate codes, of which 71 are restricted to those in service at January 1, 2013 leaving 76 rate codes for new lighting customers to choose from.

Recommendations

- Leave rate structure as is. Operations believes current process is effective and provides the customer and company the appropriate level of detail to support billing and maintenance of lighting.
- Next steps

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 29

Responding Witness: Daniel K. Arbough

- Q-29. Please provide any financial planning, budgeting, forecasting, and profit and loss statements for street lighting for the period 2013-2016 or that include any portion of the test year in this case. Please include documents referencing annual plans/budgets, 5 year projections, and quarterly financial updates.
- A-29. The Company does not maintain profit and loss statements for street lighting. See the table below for historical revenues for the period 2013 through 2016 and the forecasted street light revenue for the test year and the periods 2017 through 2020 as per the Filing Requirements Section 16 (8)(i).

2013 - Actual	\$10,769,516
2014- Actual	\$11,417,588
2015- Actual	\$11,659,583
2016- Actual	\$12,980,249
Test Year	\$12,586,397
2017 - Forecasted	\$12,456,965
2018 - Forecasted	\$12,653,720
2019 - Forecasted	\$12,876,689
2020 - Forecasted	\$12,967,707

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 30

Responding Witness: Robert M. Conroy

Q-30. Please verify that there is only one type of street light within each applicable rate code.

A-30. KU assigns a unique three digit bill code to each light offering.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 31

Responding Witness: John K. Wolfe / William S. Seelye

Q-31. Does KU maintain separate accounting records for each type of street light. If so, when did KU start keeping records?

A-31. No.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 32

Responding Witness: John K. Wolfe

Q-32. Please explain in detail KU's current policies, procedures, practices, and/or guidelines for maintaining street lights in Fayette County and provide copies of the same.

- a. Does KU regularly inspect individual street lights or the collective street lighting in Fayette County? Do these inspections take place only upon the receipt by KU of a complaint regarding a particular street light?
- b. What is the average response time to replace a non-working street light in Fayette County?
- c. Does this information differ depending upon the type of street light? If so, please provide a detailed explanation.

A-32. KU maintains its street lights and other lighting products consistent with the original KU installation standards and in compliance with pertinent sections of 807 KAR 5:041 which are: Electric: Section 2 – General Requirements, Section 3 – Acceptable Standards, and Section 5 – Maintenance or Continuity of Service. A copy of these installation standards is attached.

- a. KU conducts proactive lighting patrols as part of its normal operations. These night-time patrols are integrated into KU's normally scheduled operations for outage response activities. When not responding to outages, KU's outage technicians, who are on duty 24 hours a day, 7 days a week, undertake lighting patrol and maintenance activities, among other duties that they perform daily.

STREET LIGHT PATROL/REPAIR SCHEDULE

In addition to needed street light repairs reported via the public, LFUCG, and internally, concerted patrol and repairs are performed on the following annual schedule.

MONTH	ZONE	ZIP CODE
JAN	1	40507
JAN	2	40508
FEB	3	40505
MAR	4	40502
APR	5	40511
MAY	6	40503
JUN	7	40509
JUL	8	40504
AUG	9	40517
SEPT	10	40516
SEPT	11	40513
OCT	12	40515
NOV	13	40514
DEC	14	40510

Arterials are scheduled for patrol semi-annually in May and October to identify and repair those lights along the following routes:

Man-O-War Blvd – New Circle Road
 Versailles Road – Winchester Road
 Harrodsburg Road – Paris Pike
 Nicholasville Road – Newtown Pike
 Tates Creek Road – Georgetown Road
 Richmond Road – Leestown Road

KU also issues repair orders in response to light outages reported by KU employees and contractors, customers, LFUCG personnel, police, fire departments, and the general public. Outages can be reported via:

1. Website: <https://lge-ku.com/customer-service/report-streetlight-outage>
2. Residential Call Center: 1-800-981-0600
3. LexCall

LexCall is a process for the reporting of street light outages through LFUCG's 311 call in reporting system. Daily outages are emailed to KU

and then entered into the work management system from which a repair order is generated.

Relevant repair metrics are provided to LFUCG quarterly.

- b. In 2016, when repairs reported by 311 could be completed by component replacement (bulb and/or photovoltaic control replacement), KU's average street light repair took 1.30 days.
- c. No.

The Street Lighting Section of the Construction Standards Handbook is organized into three general areas, as follows:

Design


The most widely accepted reference for street light theory and design is the STREET LIGHTING MANUAL, published by the Edison Electric Institute. Our Company's guidelines for street lighting design have been based largely on material from this book: we have included such topics as comparison of light sources, selection of light distribution patterns, selection of luminaire mounting height & spacing of luminaires, and description of several types of control circuits.

Construction

When the basic design of a street light system has been decided upon, attention must be given to construction techniques. The construction drawings represent the accumulated experience of the Company's operating personnel. Drawings are provided for the variety of situations which commonly arise: standard overhead construction, ornamental overhead, underground construction, and customer outdoor lights.

Material

The items of material which appear in the Design and Construction pages of the Street Lighting Section are listed alphabetically in the remaining sheets of the Section. Information is given on material description, manufacturer, catalog number, and purchase price estimate; it is hoped that this information will serve as a guide in the preparation of purchase requisitions. Since this data is subject to frequent change, these sheets can be reprinted without the necessity for revising other drawings in the Street Lighting Section.

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.			
APPROVED 	REVISED	Street Lighting Introduction	SCALE _____
DATE 10-26-81			DRAWING NO. A-9-1.0

High Pressure Sodium

The high pressure sodium (HPS) Lamp is the Company's most efficient light source. An HPS lamp produces approximately 125 lumens per watt. The HPS lamp produces light by passing a current through a gas and is a member of the high intensity discharge (HID) family of lights. A ballast transformer is required to provide the correct starting and operating voltage. The Company offers the 4000, 5800, 9500, 22000, 50000 approximate lumen HPS lamps for street lighting. The HPS lamp has an average rated life of 24,000 hours and requires 3 minutes to reach full light output.

Mercury Vapor

The mercury vapor lamp belongs to the same HID family of lamps as noted above in which light is produced by the passage of an electric current through a vapor or gas. The sizes of mercury vapor lamps provided by our Company are 3500, 7000, 10000 and 20000 approximate lumens. The rated life of a mercury vapor lamp is 24,000 hours, and its efficiency is about 60 lumens per watt. A ballast transformer is required to provide the correct starting and operating voltage. Mercury lamps require approximately 5 minutes to reach full light output.

Incandescent

The incandescent, or filament, lamp produces light by virtue of a wire or filament heated to incandescence by the flow of electric current through it. Our Company no longer offers incandescent street lights in the following nominal sizes: 1000, 2500, 4000, 6000 and 10000 lumens. The average rated life of incandescent lamps is 6000 hours, and their efficiency in converting electrical energy into light is very low at approximately 20 lumens per watt. Incandescent light sources do not require any auxiliary equipment, such as ballasts. However, they are quite sensitive to variations in voltage. For example, an operating voltage of 10% above lamp rating would result in a loss of 70% of the normal lamp life.

Incandescent lights were used primarily in residential and rural areas, where traffic volume is relatively low.

Other Light Sources

Fluorescent lamps create light by the electrical stimulation of phosphors coated on the inside of a glass tube. Although popular for indoor lighting, fluorescent light has not proved to be economical for street lighting. Fluorescent street lighting is no longer offered by our Company.

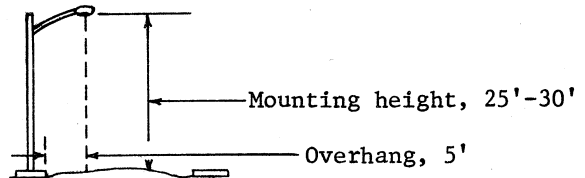
Several street lighting sources are currently available, such as metal halide and low pressure sodium, both being vapor discharge lamps. Until these sources become economically competitive and overcome their other shortcomings, they will not be offered by our Company.

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.			
APPROVED <i>[Signature]</i>	REVISED	STREET LIGHTING DESIGN	SCALE _____
DATE 9-26-83			LIGHT SOURCES

Mounting Height

The mounting height of a luminaire is the distance from the surface of the road to the center of the light source. A luminaire should be mounted high enough to minimize glare to oncoming vehicles, and to provide uniform distribution of illumination on the roadway surface. The following table gives suggested mounting heights.

<u>Lamp Lumens</u>	<u>Mounting Height</u>
3500-7000	25'
9500-50000	30'



Spacing

The spacing of luminaires is a function of the desired light level on the pavement surface. The information given below has been condensed from application data provided by manufacturers, and from industry standards. It reflects the need for higher illumination levels where pedestrian and vehicle traffic is heavier.

<u>Type of Area</u>	<u>Suggested Luminaire</u>	<u>Spacing</u>
Residential	3500 L MV	150'-260'
	4000 L HPS	
	5800 L HPS	
	7000 L MV	
Collectors	9500 L HPS	110'-150'
	10000 L MV	
Downtown	20000 L MV	70'-150'
	22000 L HPS	
	50000 L HPS	

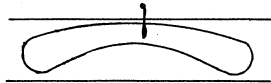
Brackets

In selecting a bracket length, the objective is to place the luminaire above the pavement, rather than the shoulder of the roadway. In most areas, a 6 ft. bracket will do the job; however, in some locations, where the supporting pole is farther back, it may be necessary to use longer brackets. In any case, the luminaire should not extend more than 5 ft. over the edge of the pavement.

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.						
APPROVED DATE 9-26-83	REVISED <table border="1" style="width: 100%; height: 40px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>					Street Lighting Design LUMINAIRE PLACEMENT
		SCALE _____ DRAWING NO. A-9-3.0				

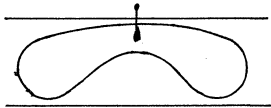
Street lighting luminaires are capable of spreading light into several distribution patterns; the design of a street lighting system includes the selection of one of these patterns. On this page are shown the several light patterns commonly used by our Company, with a description of applications. Moving the lamp socket changes the pattern.

Type II



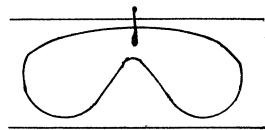
Type II - This distribution is generally applicable to luminaires located at or near the side of relatively narrow roadways.

Type III



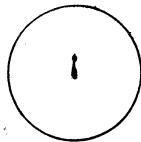
Type III - This type of distribution is intended for luminaires mounted at or near the side of medium-width roadways.

Type IV



Type IV - This type of distribution is intended for side-of-road mounting and is generally used on wide roadways.

Type V



Type V - This type of distribution has equal light output at all angles, and is used by our Company for all private outdoor light applications.

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED

REVISED

DATE 9-26-83

Street Lighting Design
LIGHT DISTRIBUTION PATTERNS

SCALE _____

DRAWING NO.
A-9-4.0

ILLUMINATION PATTERNS

Luminaire Socket Positions

	GE		ITT / AE	
	Before 1/1/83	After 1/1/83	Before 1/1/83	After 1/1/83

Mercury Vapor

3500 Lumens				
Type II	3	1A	D	D2
Type III	2	2A	A	A2
7000 Lumens				
Type II	3	1A	D	D2
Type III	2	2A	A	A2
10000 Lumens				
Type II	2	5	D	D1
Type III	1	1	A	D2
20000 Lumens				
Type II	7	5	D	D
Type III	6	1	A	A

High Pressure Sodium

4000 Lumens				
Type II	-	1B	-	D2
Type III	-	2B	-	A2
5800 Lumens				
Type II	-	1B	-	D2
Type III	-	2B	-	A2
9500 Lumens				
Type II	-	1B	-	D2
Type III	-	2B	-	A2
22000 Lumens				
Type II	-	2	-	D1
Type III	-	3	-	B2
50000 Lumens				
Type II	2	2	D	D
Type III	3	3	A	A

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED



REVISED

3-15-90 WJG

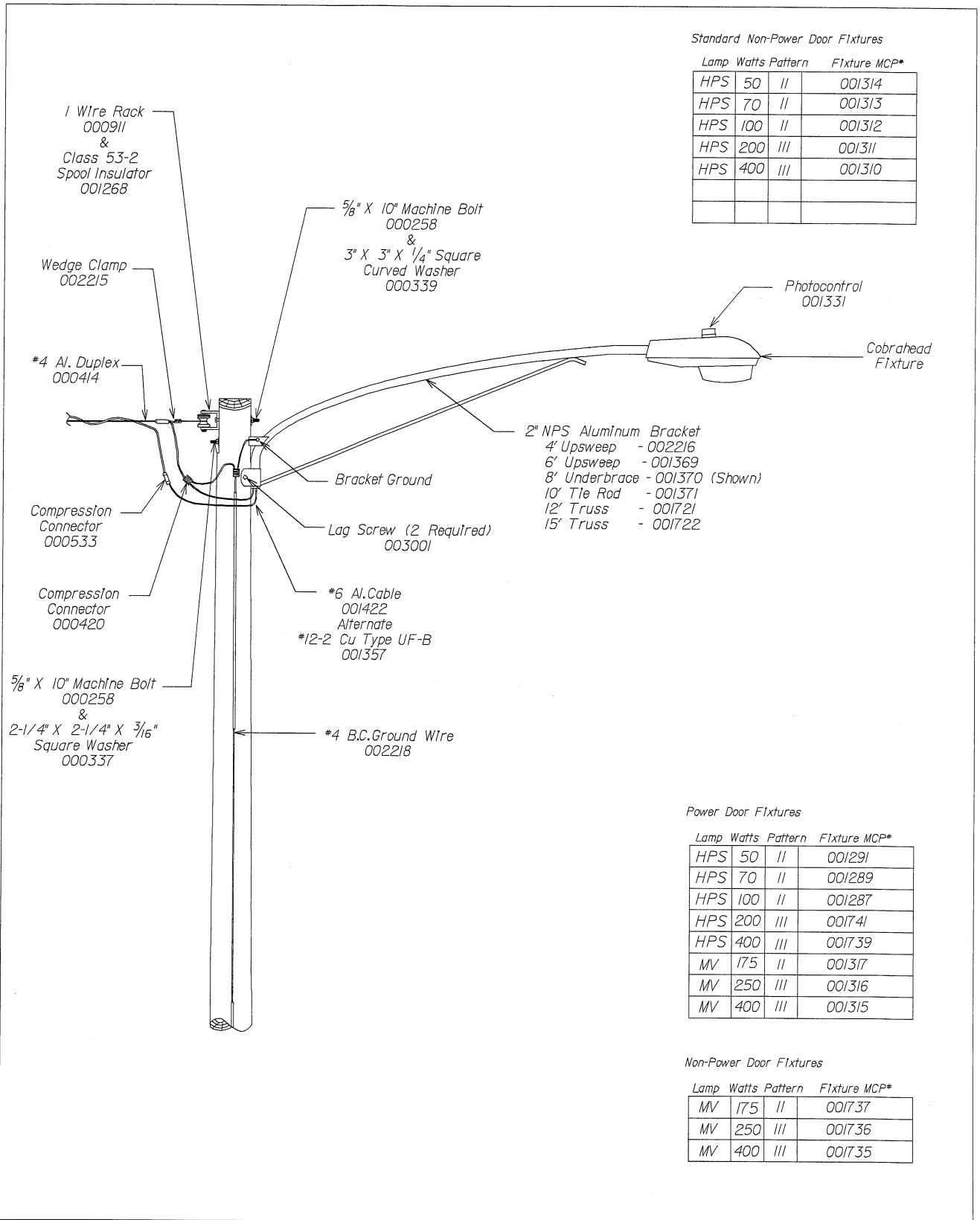
STREET LIGHTING DESIGN
LUMINAIRE SOCKET POSITIONS

SCALE _____

DRAWING NO.

A-9-5.0

DATE 9-26-83



Standard Non-Power Door Fixtures

Lamp	Watts	Pattern	Fixture MCP*
HPS	50	II	001314
HPS	70	II	001313
HPS	100	II	001312
HPS	200	III	001311
HPS	400	III	001310

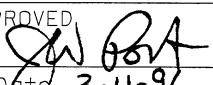
Power Door Fixtures

Lamp	Watts	Pattern	Fixture MCP*
HPS	50	II	001291
HPS	70	II	001289
HPS	100	II	001287
HPS	200	III	001741
HPS	400	III	001739
MV	175	II	001317
MV	250	III	001316
MV	400	III	001315

Non-Power Door Fixtures

Lamp	Watts	Pattern	Fixture MCP*
MV	175	II	001737
MV	250	III	001736
MV	400	III	001735

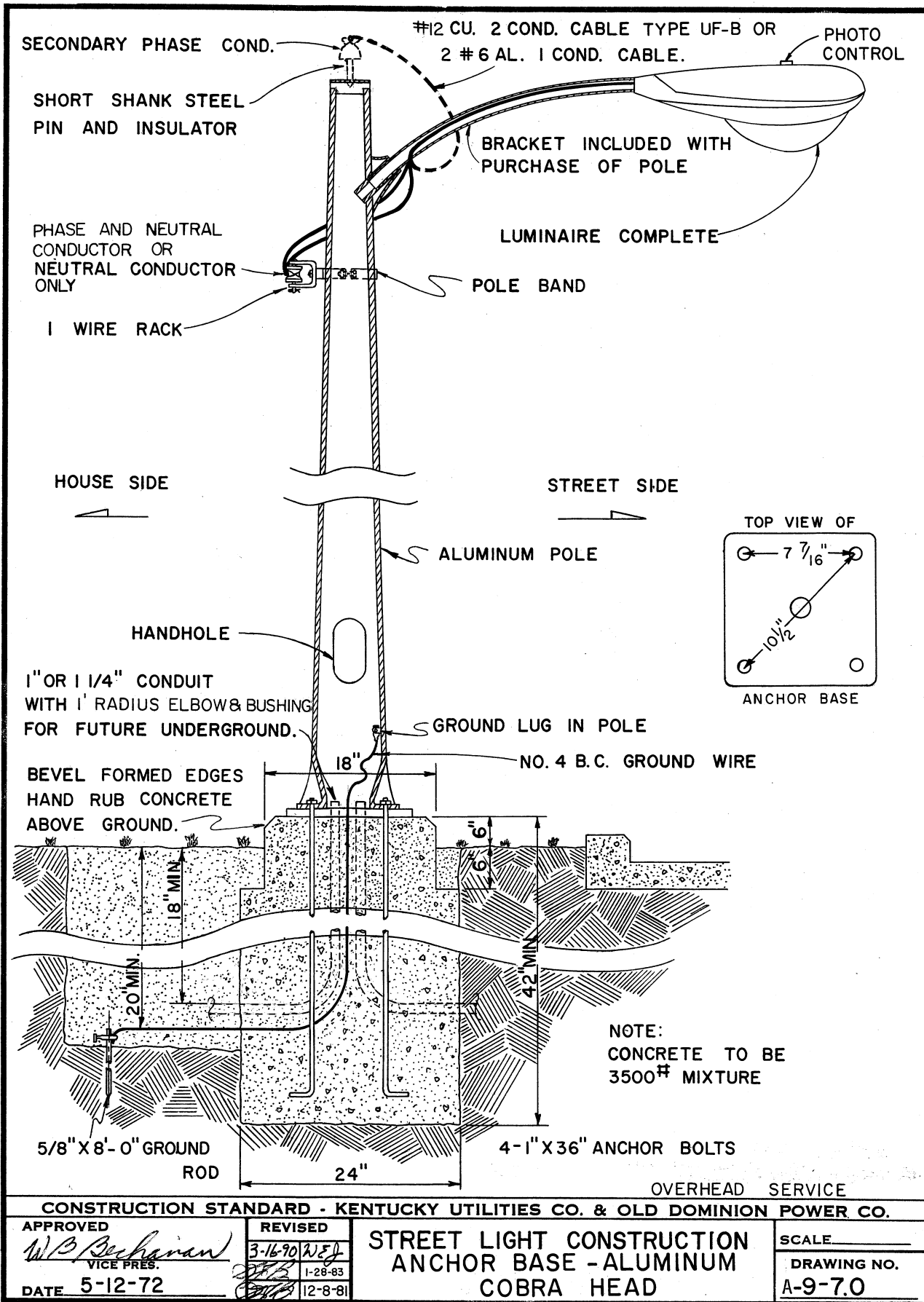
CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

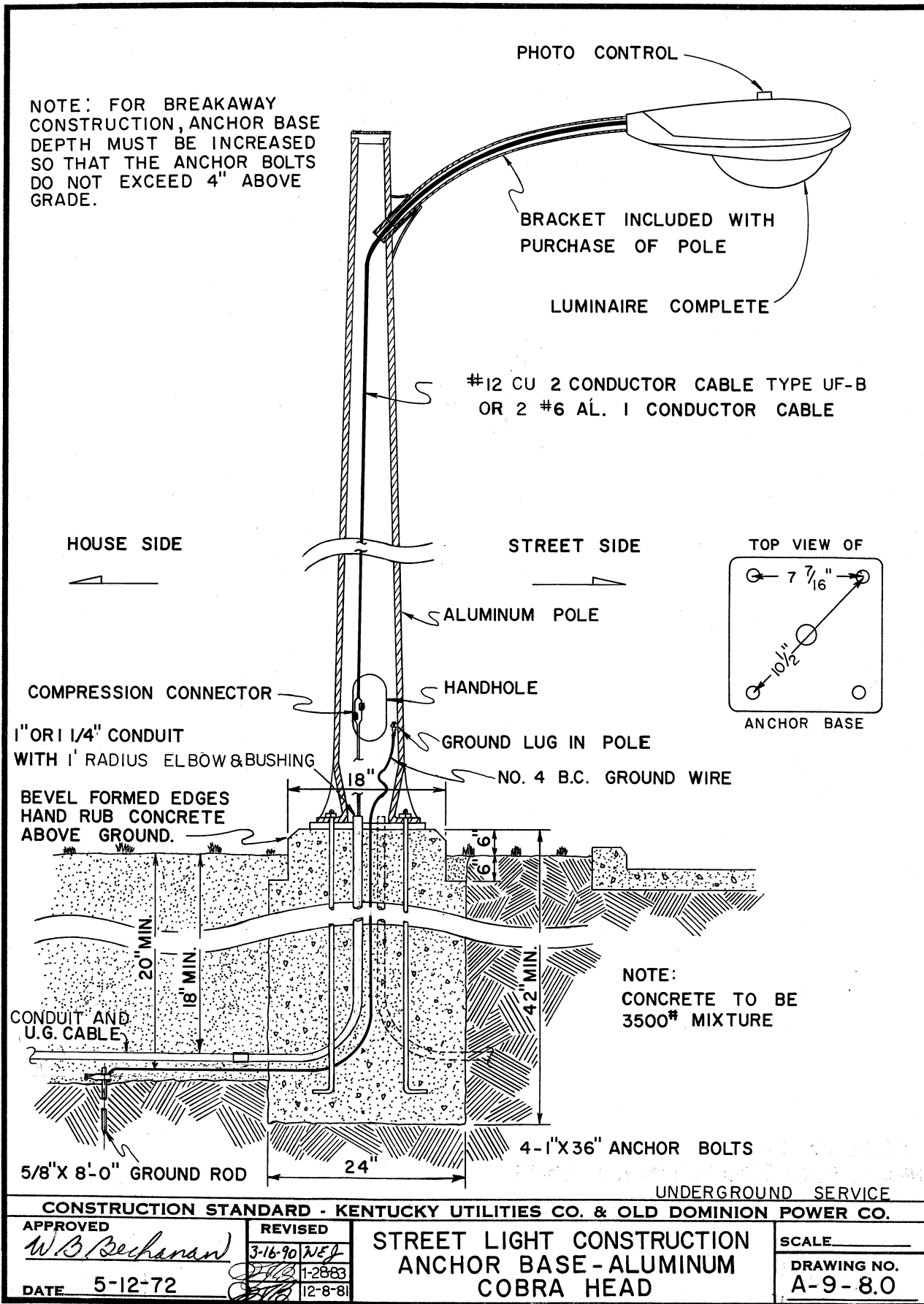
APPROVED

 Date 3-11-96

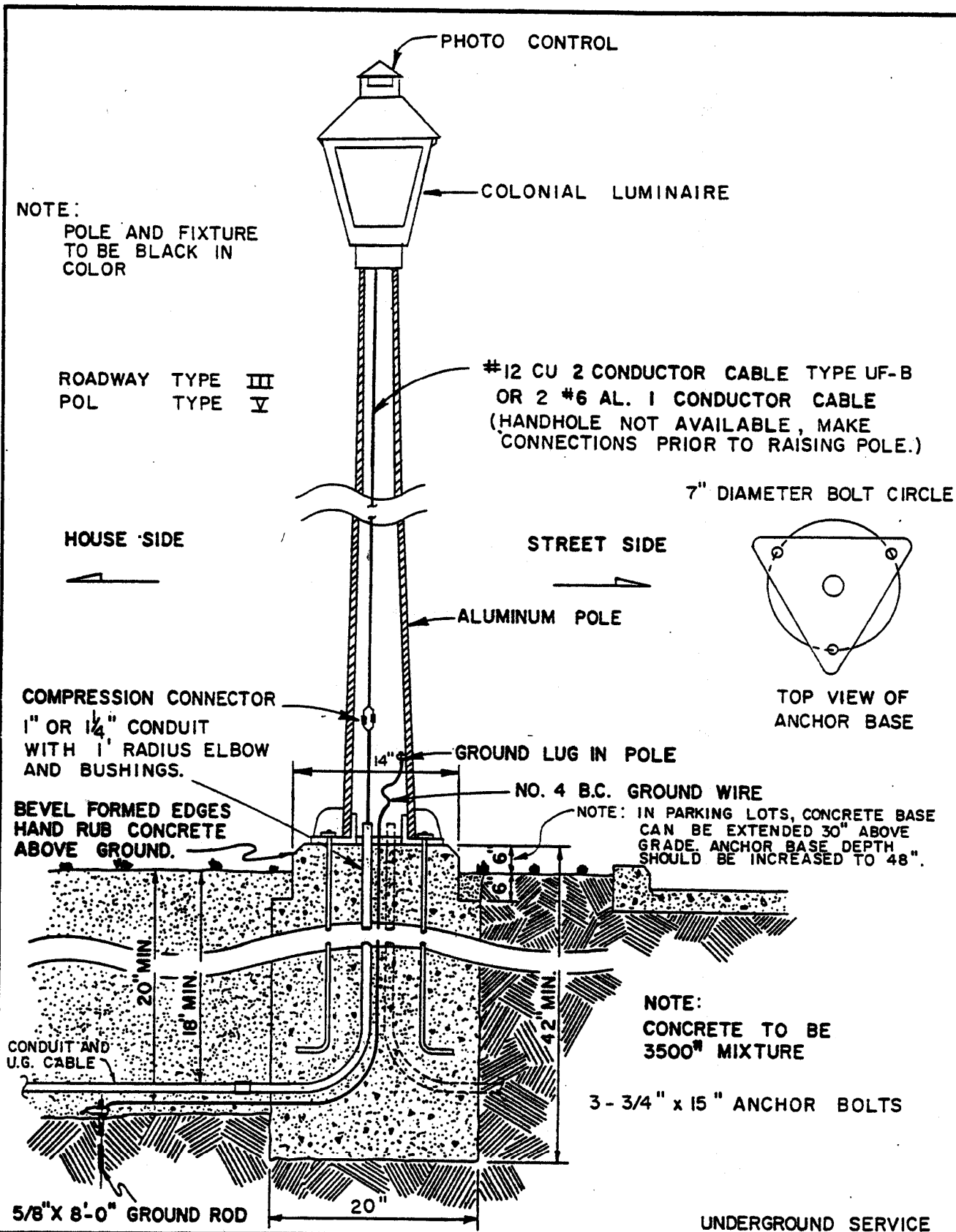
REVISED

COBRAHEAD FIXTURE
 WOOD POLE INSTALLATION

Scale:
 Drawing Number
 A-9-6.0







CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.		UNDERGROUND SERVICE			
APPROVED <i>W. E. Johnson</i> DATE 3-16-90	REVISED <table border="1" style="width: 100%; height: 20px;"> <tr><td> </td><td> </td></tr> </table>			STREET LIGHT CONSTRUCTION ANCHOR BASE - ALUMINUM COLONIAL	SCALE _____ DRAWING NO. A-9-8.01


Due to varying soil conditions encountered in the field, there are two (2) manners in which U.G. street light cables can be installed. The Company representative (engineer, foreman, inspector, etc.) will determine which practice must be used in each area dependent upon local conditions.

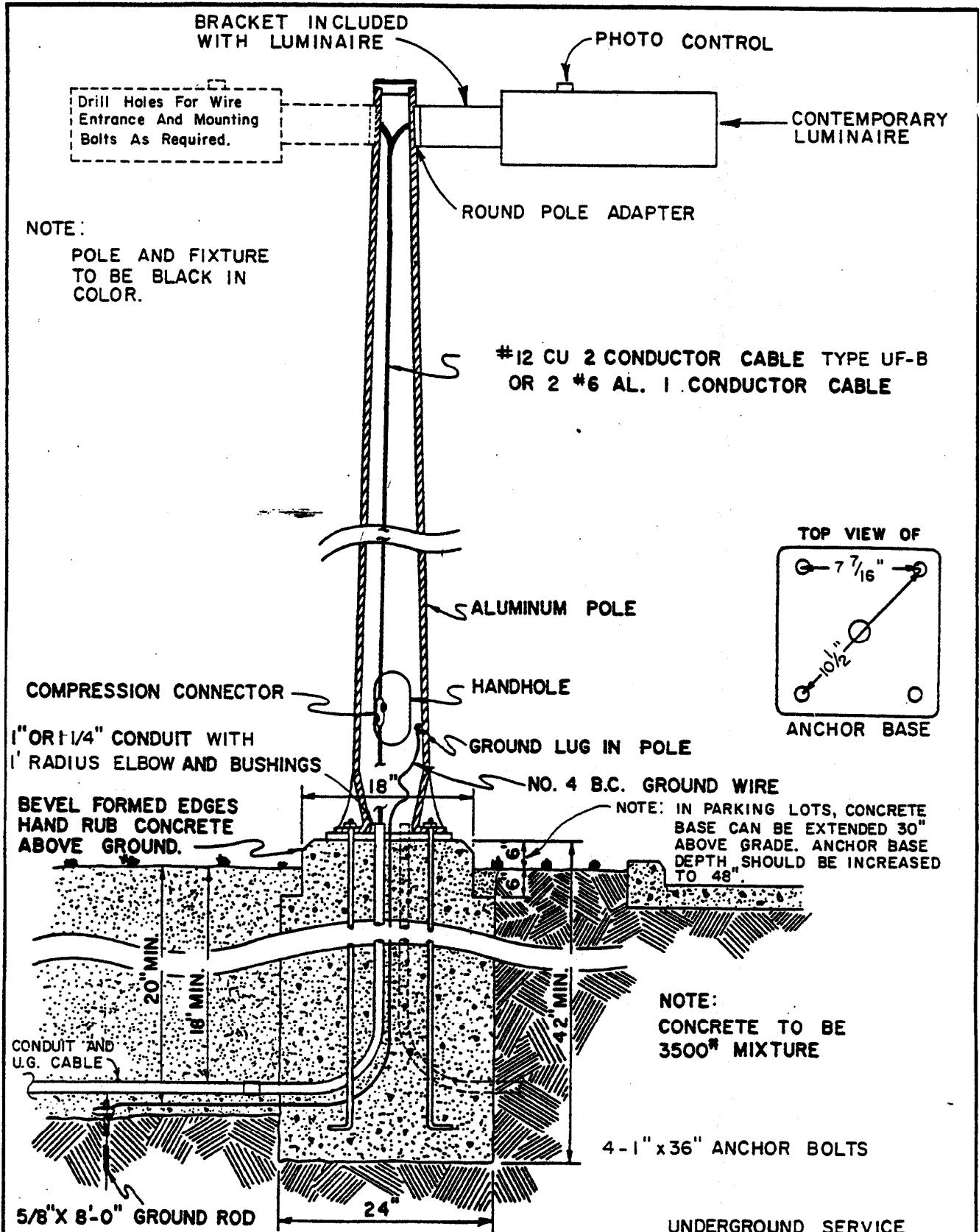
1. Cable installation in plastic duct

Cable may be installed in Schedule 40 PVC plastic duct on bottom of 18" deep trench. Trench should be reasonably smooth along bottom to avoid future stress points in duct. Care should be exercised in backfilling to see that no large, sharp rocks fall directly onto the plastic duct. Combinations of dirt, gravel and similar substances are suitable for backfill over the cut for a depth of four (4) to six (6) inches. Continue backfill to ground elevation with any available fill material.

2. Cable installation in metal conduit

Cable may be installed in galvanized steel conduit on bottom of minimum 12" deep trench if solid, shelf rock is encountered. Backfill to consist of any available fill material.

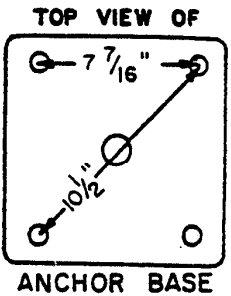
CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.			
APPROVED 	REVISED	SPECIFICATIONS FOR INSTALLATION OF UG STREET LIGHT CABLE	SCALE _____
DATE 10-30-80			DRAWING NO. A-9-8.1



Drill Holes For Wire Entrance And Mounting Bolts As Required.

NOTE:
POLE AND FIXTURE TO BE BLACK IN COLOR.

#12 CU 2 CONDUCTOR CABLE TYPE UF-B OR 2 #6 AL. 1 CONDUCTOR CABLE



NOTE: IN PARKING LOTS, CONCRETE BASE CAN BE EXTENDED 30" ABOVE GRADE. ANCHOR BASE DEPTH SHOULD BE INCREASED TO 48".

NOTE: CONCRETE TO BE 3500# MIXTURE

1" OR 1 1/4" CONDUIT WITH 1' RADIUS ELBOW AND BUSHINGS

BEVEL FORMED EDGES HAND RUB CONCRETE ABOVE GROUND.

20" MIN.
18" MIN.

CONDUIT AND U.G. CABLE

5/8" X 8'-0" GROUND ROD

24"

4-1" x 36" ANCHOR BOLTS

UNDERGROUND SERVICE

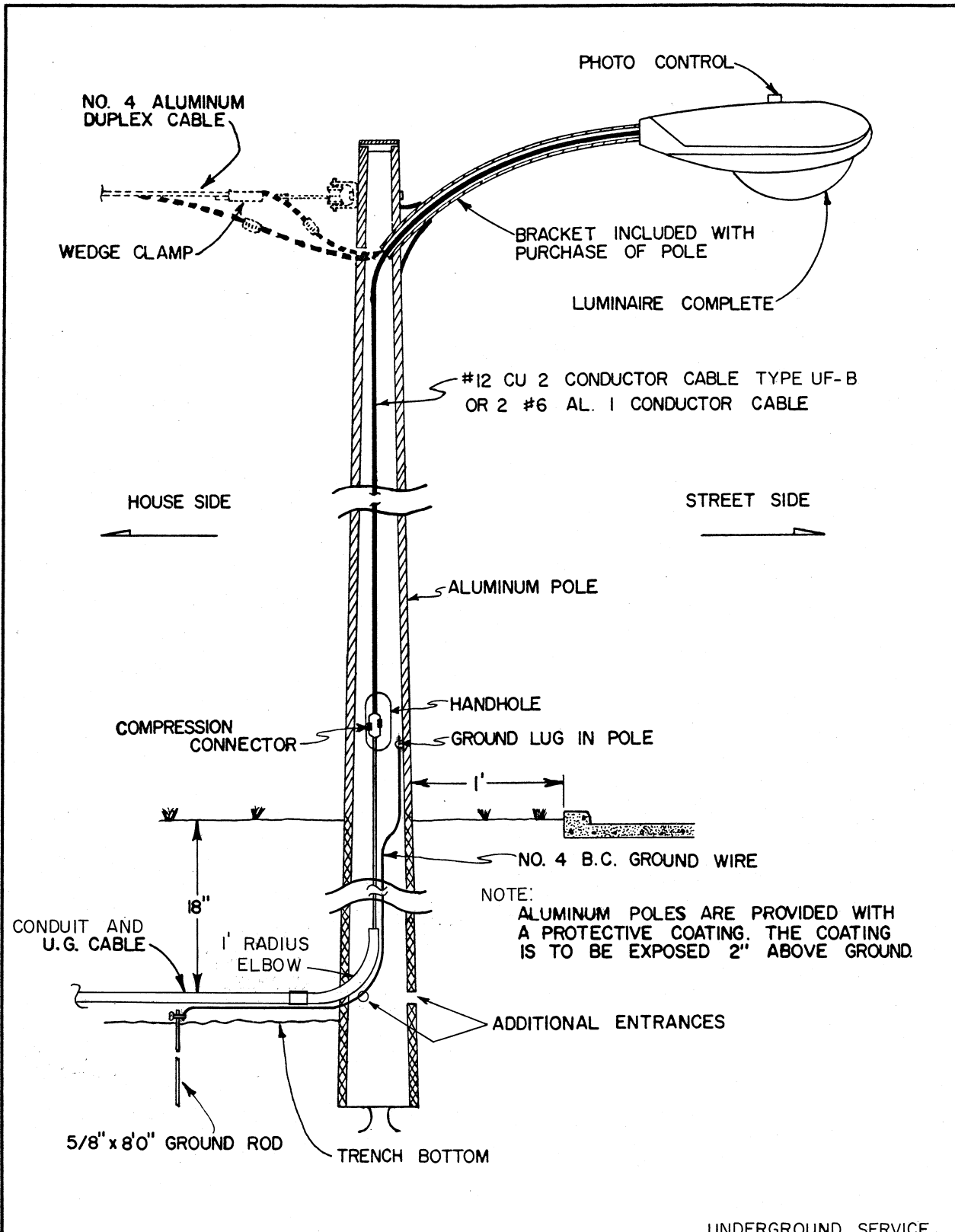
CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED
W. E. Johnson
DATE 3-16-90

REVISED

STREET LIGHT CONSTRUCTION
ANCHOR BASE - ALUMINUM
CONTEMPORARY

SCALE _____
DRAWING NO.
A-9-8.02



UNDERGROUND SERVICE

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED

[Signature]

REVISED

3-16-90 WJE

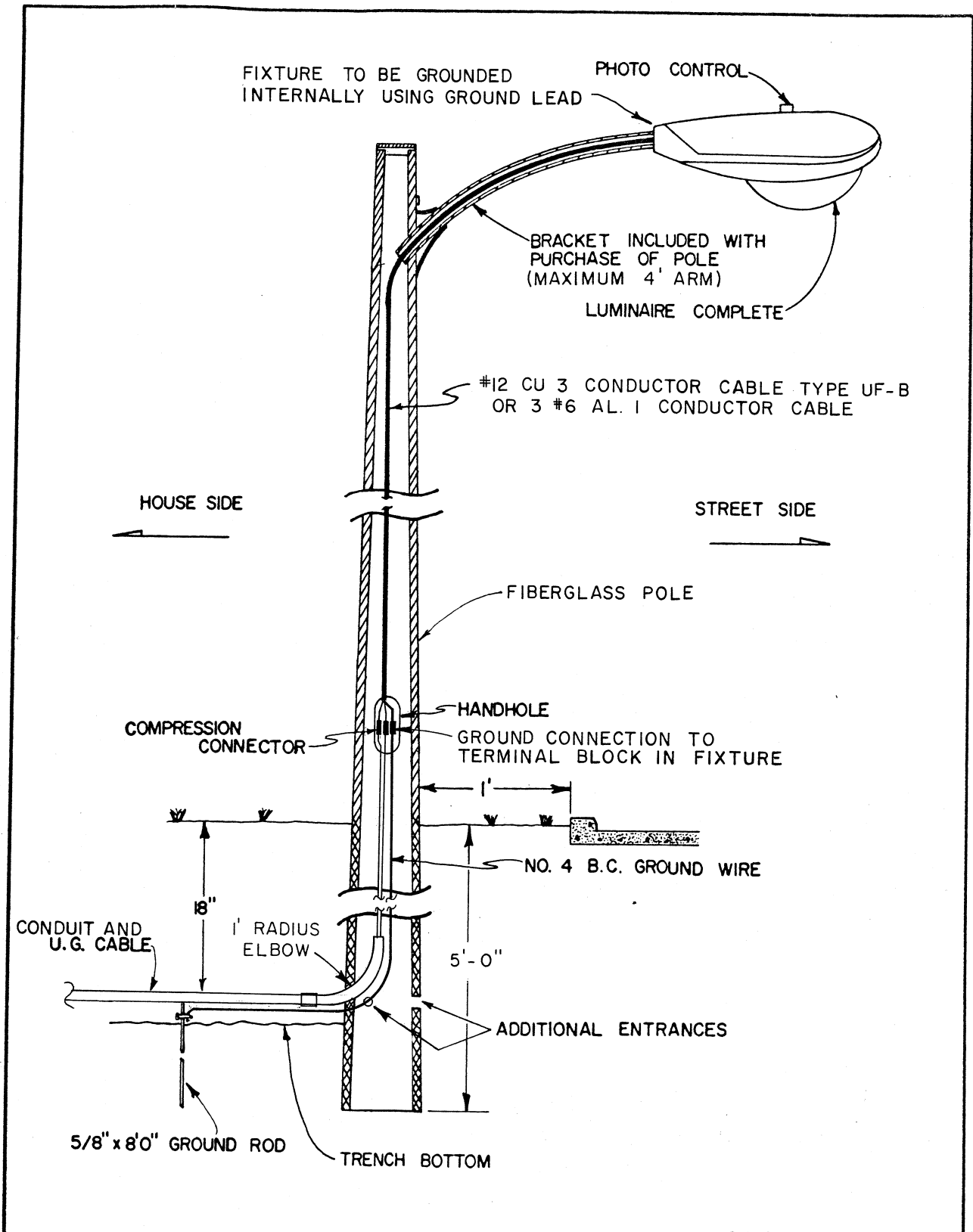
**STREET LIGHT CONSTRUCTION
EMBEDDED BASE-ALUMINUM
COBRA HEAD**

SCALE

DRAWING NO.

A-9-8.2

DATE 9-25-85



UNDERGROUND SERVICE

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED
[Signature]
 DATE 9-25-85

REVISED
 3-16-90 WJE

STREET LIGHT CONSTRUCTION
 EMBEDDED BASE-FIBERGLASS
 COBRA HEAD

SCALE _____
 DRAWING NO.
 A-9-8.3

**NESC MINIMUM CLEARANCE REQUIREMENTS FROM
STREETLIGHTS TO COMMUNICATION FACILITIES**

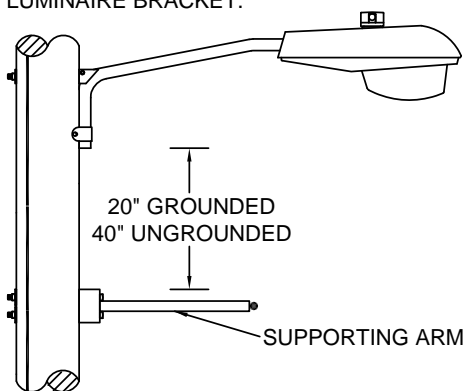
02 10 12

Rev. A

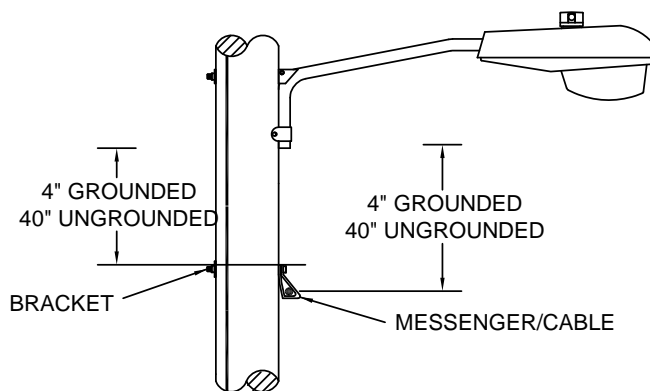
NESC SECTION 238 REQUIREMENTS (NESC 2017)

NOTE:

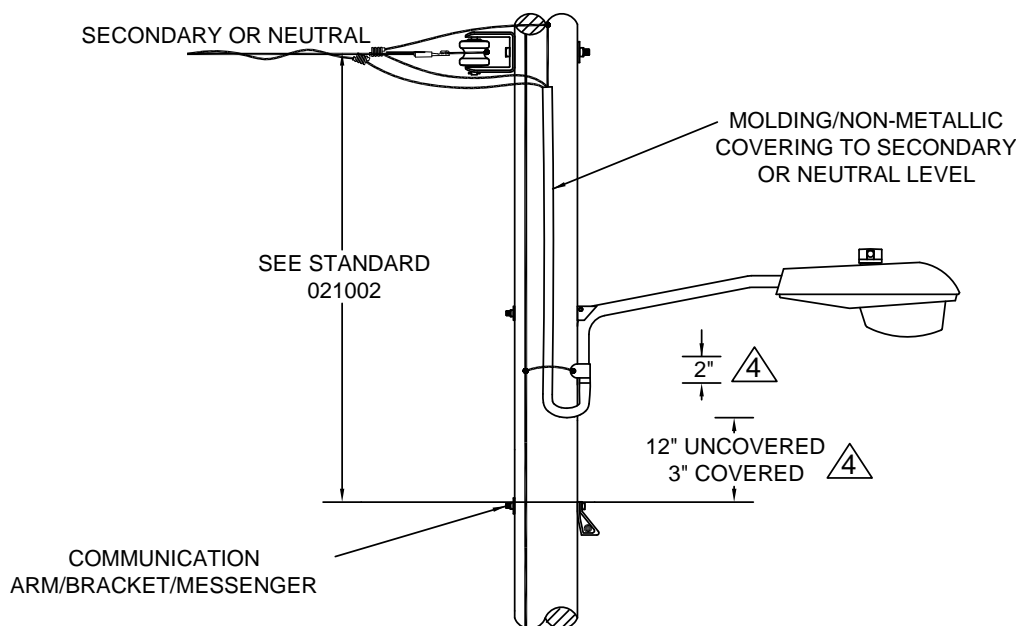
1. ALL NEW STREET LIGHT FIXTURES MUST BE EFFECTIVELY GROUNDED. IF UNABLE TO VERIFY GROUND, EITHER USE UNGROUNDED CLEARANCES OR FIXTURE MUST BE GROUNDED.
2. 40" MIN. CLEARANCE MUST BE MET BETWEEN NEUTRAL AND SECONDARY CABLE HARDWARE AND COMMUNICATIONS EQUIPMENT.
3. THE 12" AND 3" CLEARANCE ONLY APPLIES TO THE DRIP LOOP FEEDING THE LUMINAIRE.
4. THE REDUCED 3" CLEARANCE MAY BE USED IF NON-METALLIC COVERING IS PROVIDED AND EXTENDS 2" INTO LUMINAIRE BRACKET.



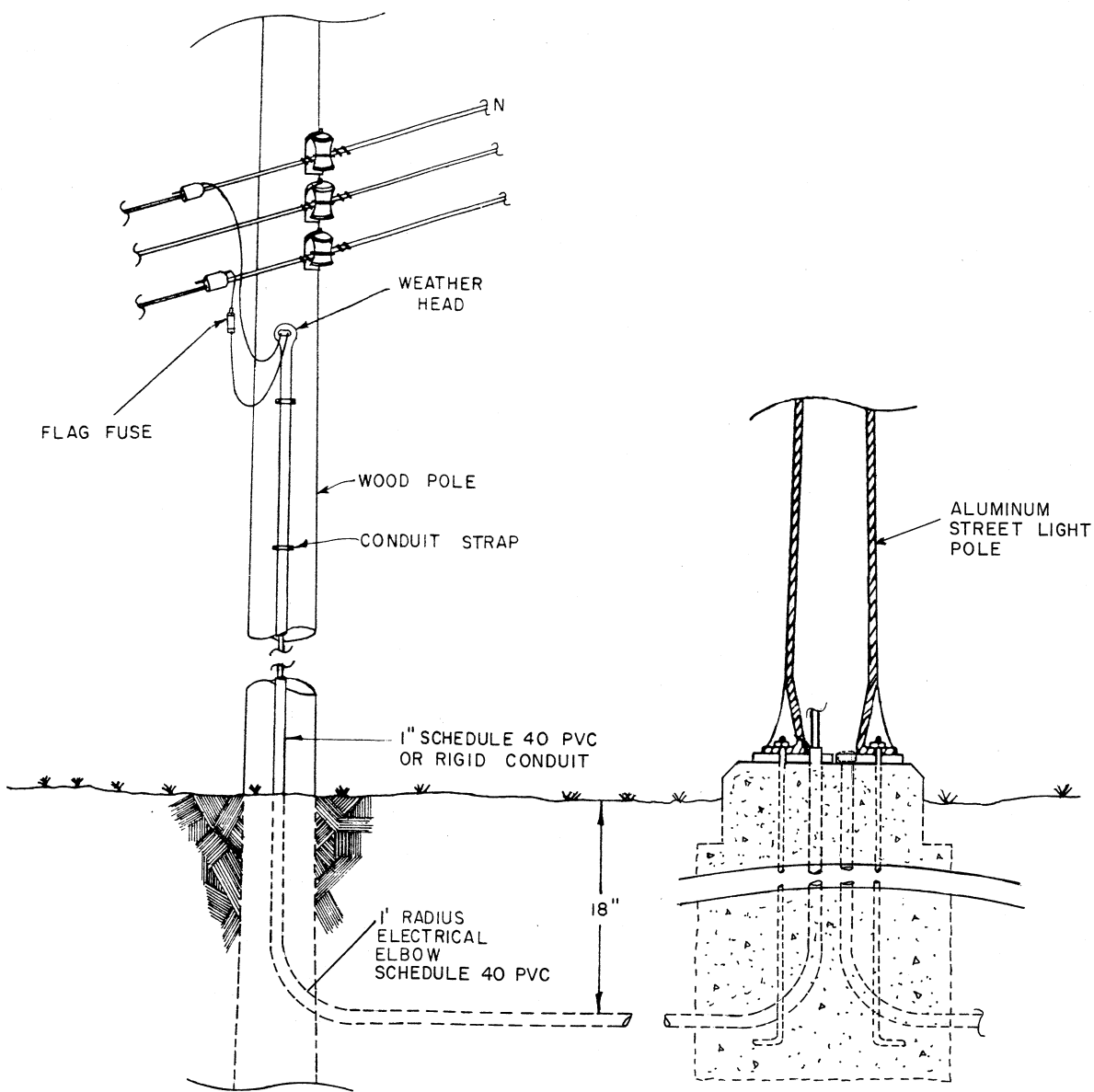
**CLEARANCE FROM
LUMINAIRE BRACKET TO
TOP OF COMMUNICATION
SUPPORTING ARM**



**CLEARANCE FROM LUMINAIRE
BRACKET TO TOP OF COMMUNICATION
BRACKET OR CABLE/MESSENGER
MOUNTED TO POLE
(BOTH REQUIREMENTS APPLY)**



**CLEARANCE FROM DRIP
LOOP TO TOP OF
COMMUNICATION
ARM/BRACKET/MESSENGER**



OVERHEAD SERVICE

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED
W. E. Johnson
 DATE 3-16-90

REVISED	

UNDERGROUND STREET/PRIVATE OUTDOOR LIGHT
 RISER ARRANGEMENT

SCALE _____
 DRAWING NO.
 A-9-8.15

Electric System
Codes & Standards

YARD TYPE / PACKAGE LIGHT WOOD POLE INSTALLATION

ASSEMBLY DESCRIPTION

80 06 22 . XX

**ASSEMBLY DETAILING 2' MAST ARM
INSTALLATION ON WOOD POLE**

80 06 22. 01 LUMINAIRE - 70 WATTS - HPS

80 06 22. 02 LUMINAIRE - 100 WATTS - HPS

MATERIAL LIST

ITEM	IIN NUMB.	DESCRIPTION	01	02
1	7001327	70 W HPS / 2' MAST ARM KIT (KU ONLY)	1	
	7001326	100 W HPS / 2' MAST ARM KIT		1
2	7000258	5/8"X10" MACHINE BOLT SQ HD W/NUT	1	1
3	7000911	1 WIRE RACK	1	1
4	7001268	3" SPOOL INSULATOR	1	1
5	7002215	WEDGE CLAMP VARIES	*	*
6	7000339	3"X3"X1/4" SQ. CURVED WASHER	1	1
7	VARIES	VARIOUS SMALL CONNECTOR	*	*
8	7000913	8' X 1/2" U-SHAPED GROUND MOLDING	*	*
9	7001357	#12-2/C CONDUCTOR W/GROUND UF-B	*	*
10	1197519	#6 BARE CU. SOFT DRAWN.	*	*
11	7002252	STAPLES, 1-1/2" (IF REQUIRED)	*	*

* AS REQUIRED

NOTES:

⚠ Package light kit includes, NEMA head, optics, lamp, photo control, 2/wire - pre-wired cable, mast arm, 5/8" mounting bolt & lag screws and grounding bolt.

⚠ Install cable guard 1/2", ground wire molding (IIN 7000913) if length along pole exceeds 2 ft. Vertical riser must be covered with cable guard even if jacketed conductor cable is used. If 3-#6al. poly is used you may use 1"x 10' cable guard U shaped PVC IIN # 1160501.

⚠ Pole and pole grounding not included in this standard.

Grounding notes:

All existing and new fixtures and mast arms must be grounded unless grounding negatively impacts safety or the reliability of the structure. Grounding of both the fixture and the mast arm can be accomplished by grounding either the fixture, the mast arm or both. In general a visible external ground is preferred.

Internal grounding can be accomplished by attaching a separate ground wire of a 3-wire cable (i.e. 12-2/C w/ground) between the pole ground and ground lug in the fixture.

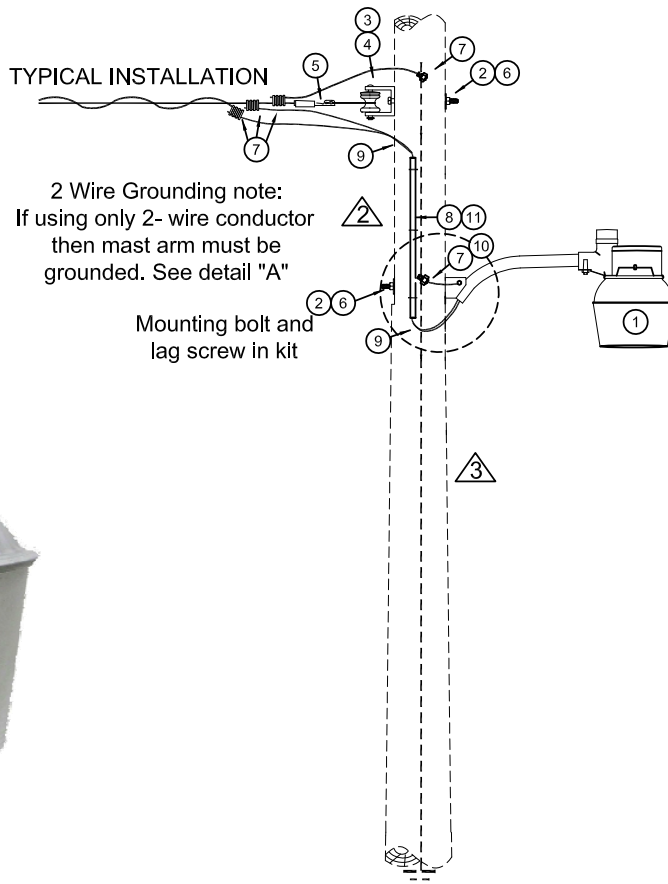
For external grounding, the pole ground wire is fastened to mast arm with 3/8" x 1-1/4" carriage bolt, nut and lock washer (IIN #3003808) using a minimum of #6 bare SD Cu. Older installations with no grounding provisions can be grounded by drilling the support and using a self tapping screw and washer.

UTILITY	LAMP WATTS	PATTERN	FIXTURE IIN#	
KU ONLY	HPS	70	V	7001327
LG&E / KU	HPS	100	V	7001326

Note:
Face eye of photoelectric control north.



DETAIL " A "
MAST ARM GROUNDING FOR
2 WIRE INSTALLATIONS



2 Wire Grounding note:
If using only 2- wire conductor
then mast arm must be
grounded. See detail "A"

Mounting bolt and
lag screw in kit

STREET / PRIVATE OUTDOOR LIGHTING
CONSTRUCTION MATERIAL LIST

Items included on the Street / Private Outdoor Lighting Material List have been approved for use in the Kentucky Utilities Company and Old Dominion Power Company properties and are in accord with construction standards approved to date.

This list has been tabulated in a convenient and usable form and includes all information necessary for correctly preparing requisitions. Its purpose is to assist in selecting construction material that has been tested, examined and approved as to quality and cost and which will provide the fewest stocking and handling problems. Changes will be made as required and a complete new list will be issued as the need arises.

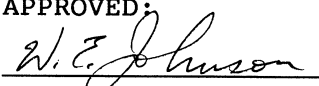
There are a few items that have not been included in this list, such as Experimental and Special Use Items (see A-10-8.01), new items which were not available when this list was published, and of course, items that do not fulfill our construction requirements. If items are requisitioned which do not appear on this list, a complete description and catalog information must be given. Some note of comment should be shown on the requisition or attached to it explaining the reason for ordering other than approved material.

LEGEND FOR MANUFACTURERS

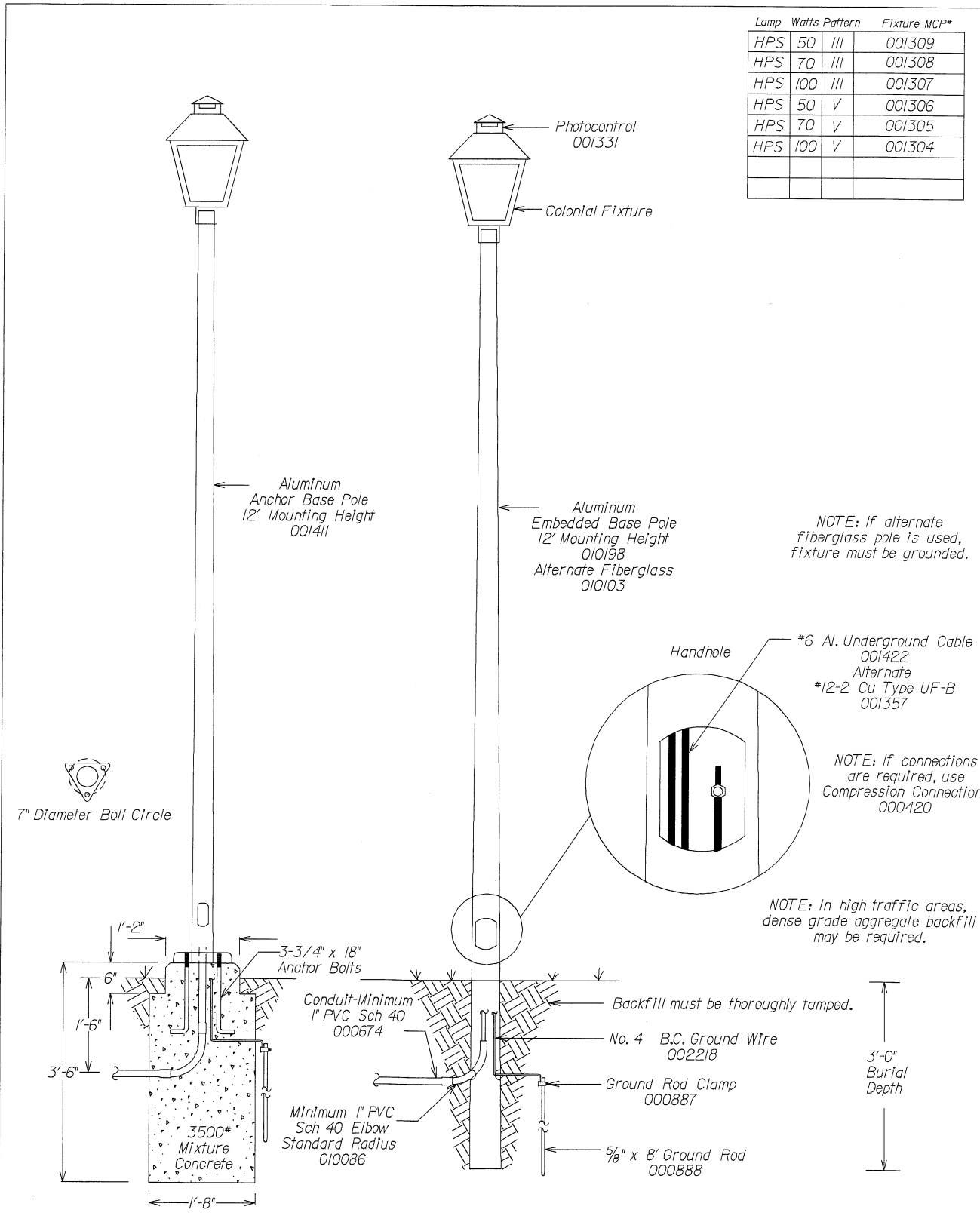
- AE---AMERICAN ELECTRIC
- AME---AMERICAN METAL PRODUCTS
- BLK---BLACKBURN
- CH---CROUSE-HINDS
- FP---FISHER PIERCE
- GE---GENERAL ELECTRIC
- HAP---HAPCO
- KER---KEARNEY
- PK---P&K POLE PRODUCTS
- RIP---RIPLEY
- SHE---SHERMAN
- UM---UTILITY METALS
- WHA---WHATLEY

NOTE - PRICES SHOWN ARE ESTIMATED NET PRICES DELIVERED, AND ARE PRICED PER UNIT UNLESS OTHERWISE SHOWN IN LIST. SEE DRAWING A-10-1.01 FOR INSTRUCTIONS ON PREPARATION OF REQUISITIONS.

CONSTRUCTION STANDARD -- KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

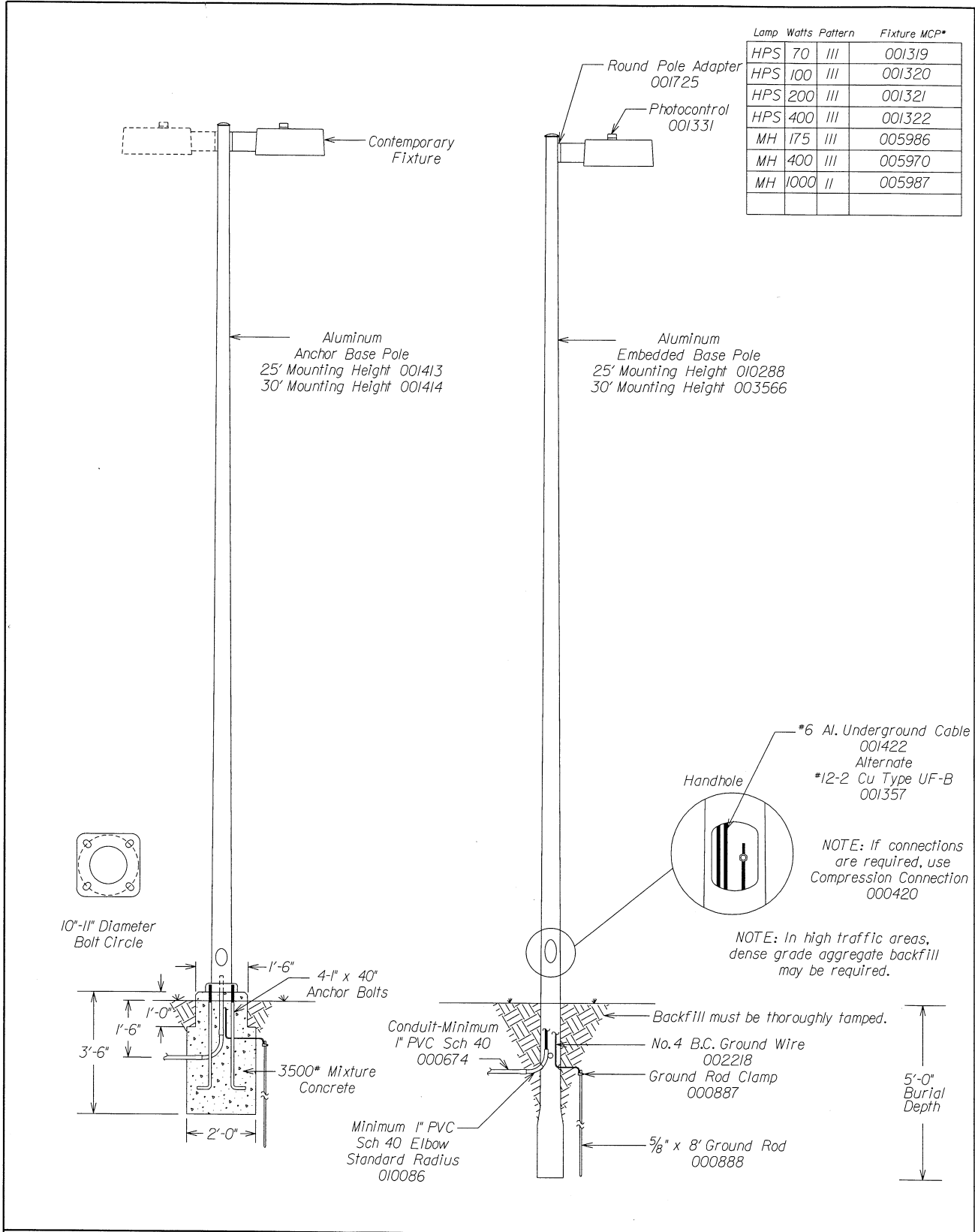
APPROVED:  DATE: 11-15-90	REVISED <table border="1" style="width: 100%; height: 30px;"> <tr><td> </td><td> </td></tr> </table>			STREET / PRIVATE OUTDOOR LIGHTING MATERIAL LIST	SCALE DRAWING NO A-9-10.1

Lamp	Watts	Pattern	Fixture MCP#
HPS	50	III	001309
HPS	70	III	001308
HPS	100	III	001307
HPS	50	V	001306
HPS	70	V	001305
HPS	100	V	001304



CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

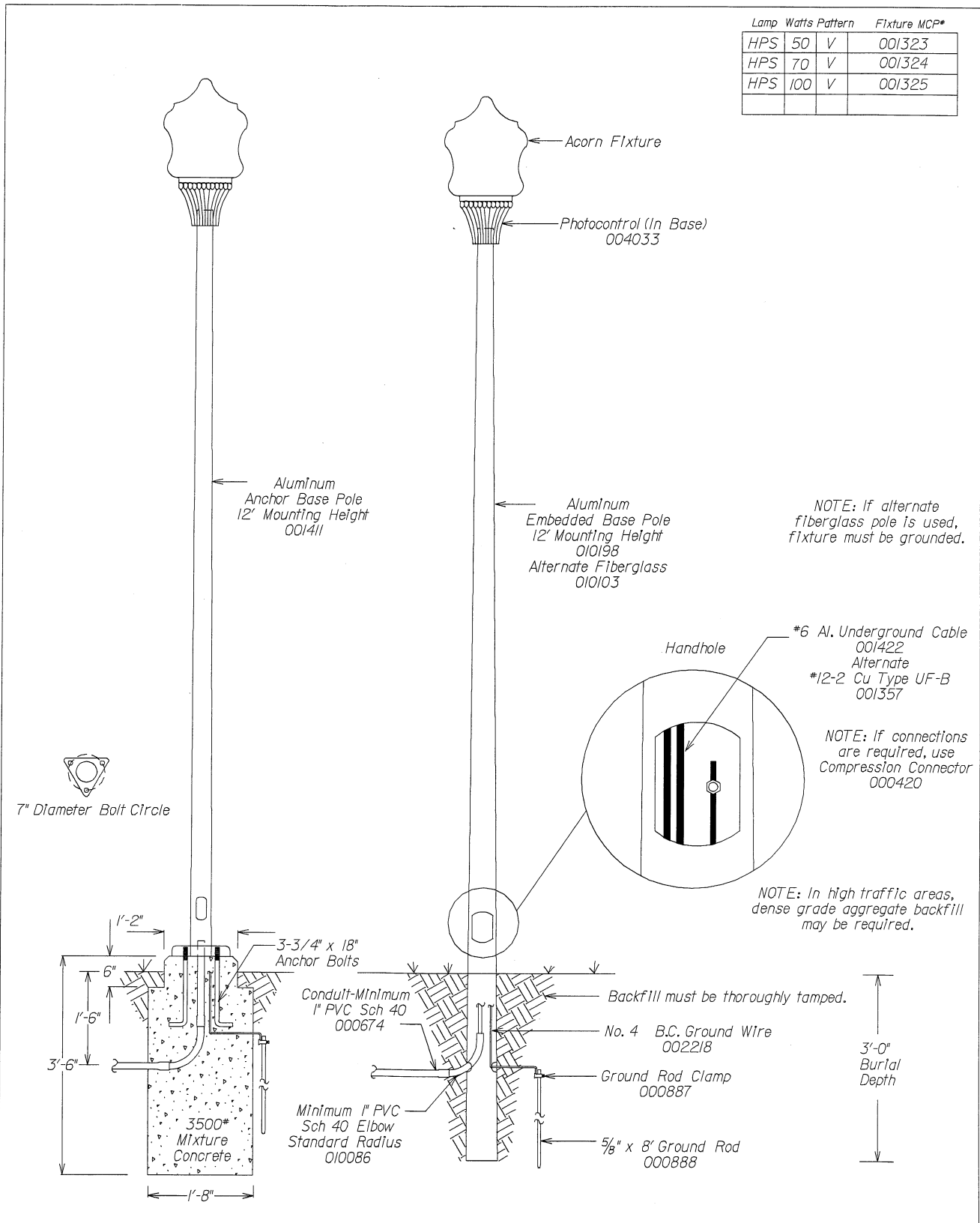
APPROVED <i>[Signature]</i> Date 3-11-96	REVISED	COLONIAL FIXTURE ORNAMENTAL POLE INSTALLATION	Scale: Drawing Number A-9-11.0
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CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED  Date 10-17-96	REVISED 8/26/96	CONTEMPORARY FIXTURE ORNAMENTAL POLE INSTALLATION	Scale:
			Drawing Number A-9-12.0

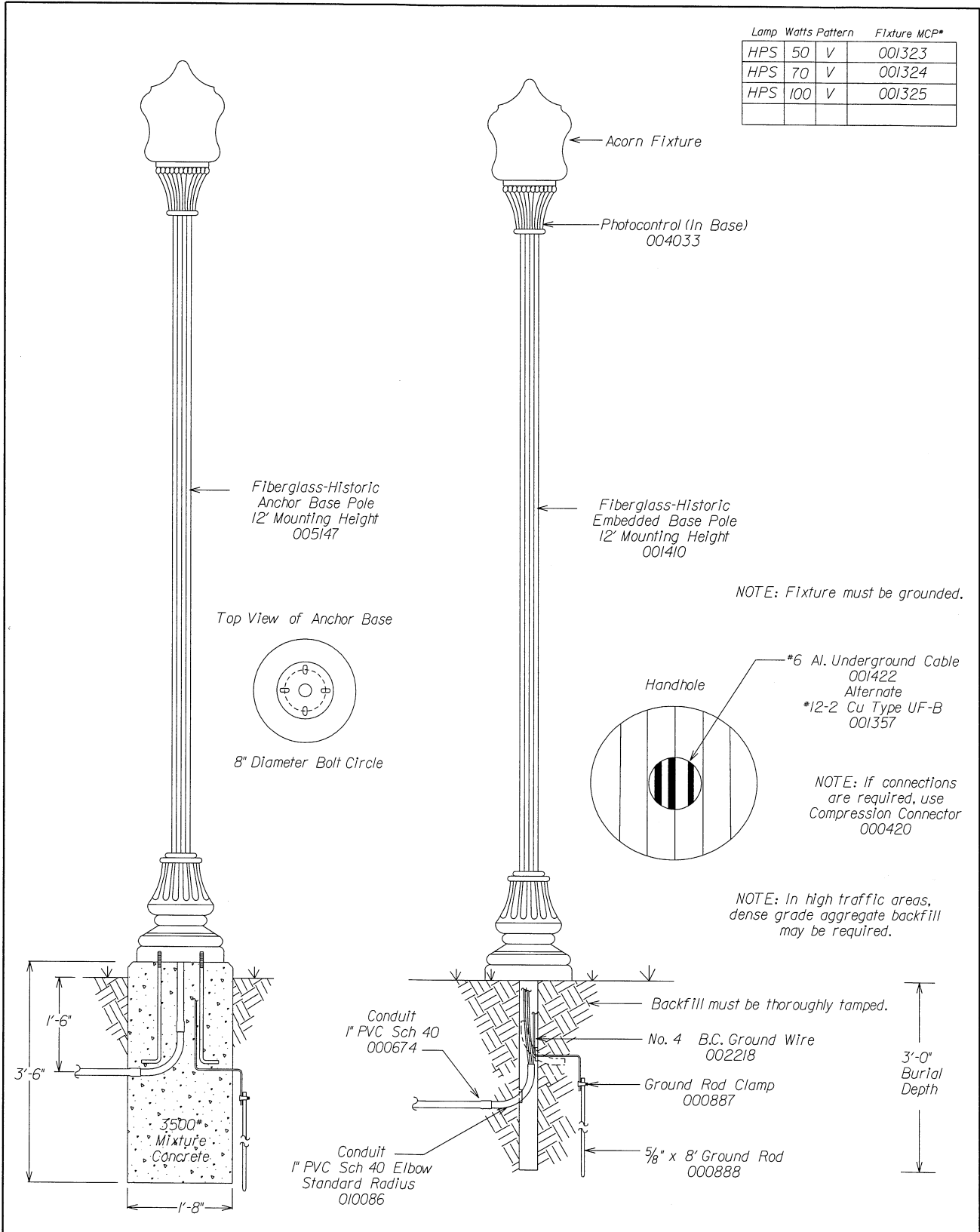
Lamp	Watts	Pattern	Fixture MCP#
HPS	50	V	001323
HPS	70	V	001324
HPS	100	V	001325



CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.

APPROVED  Date 3-11-96	REVISED _____ _____ _____	ACORN FIXTURE DECORATIVE POLE INSTALLATION	Scale: Drawing Number A-9-13.0
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Lamp	Watts	Pattern	Fixture MCP*
HPS	50	V	001323
HPS	70	V	001324
HPS	100	V	001325



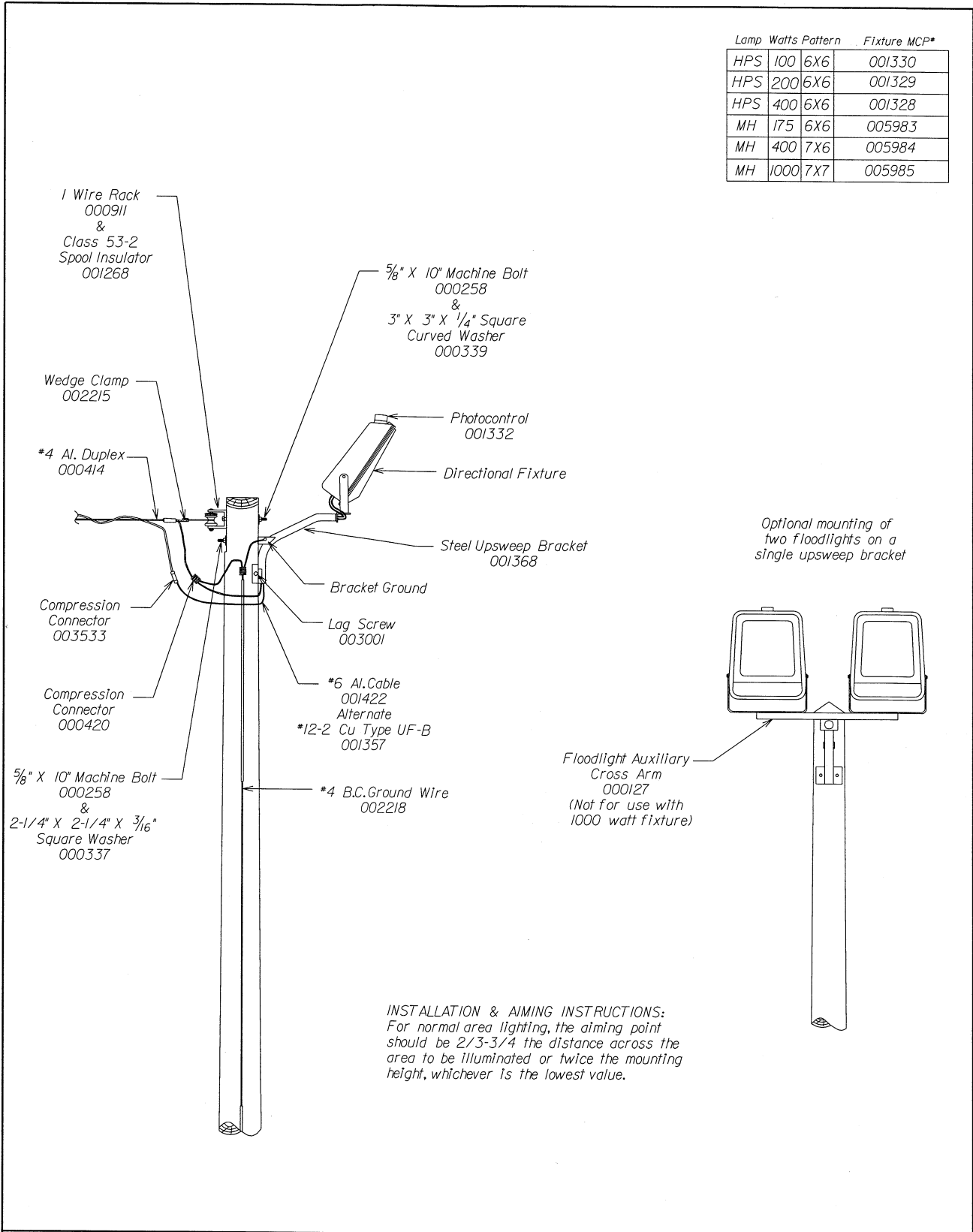
NOTE: Fixture must be grounded.

NOTE: If connections are required, use Compression Connector 000420

NOTE: In high traffic areas, dense grade aggregate backfill may be required.

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.		
APPROVED <i>[Signature]</i>	REVISED	Scale:
Date: 3-14-97		Drawing Number: A-9-13.5
ACORN FIXTURE HISTORIC POLE INSTALLATION		

Lamp	Watts	Pattern	Fixture MCP*
HPS	100	6X6	001330
HPS	200	6X6	001329
HPS	400	6X6	001328
MH	175	6X6	005983
MH	400	7X6	005984
MH	1000	7X7	005985



INSTALLATION & AIMING INSTRUCTIONS:
 For normal area lighting, the aiming point should be 2/3-3/4 the distance across the area to be illuminated or twice the mounting height, whichever is the lowest value.

CONSTRUCTION STANDARD - KENTUCKY UTILITIES CO. & OLD DOMINION POWER CO.		
APPROVED <i>[Signature]</i>	REVISED 9/23/96	Scale:
Date 10-17-96		Drawing Number A-9-14.0

807 KAR 5:041. Electric.

RELATES TO: KRS Chapter 278

STATUTORY AUTHORITY: KRS 278.280(2)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 278.280(2) provides that the commission shall prescribe rules for the performance of any service or the furnishing of any commodity by the utility. This administrative regulation establishes general rules which apply to electric utilities.

Section 1. Definitions. For purposes of this administrative regulation:

(1) "Applicant" means for purposes of Section 21 of this administrative regulation the developer, builder or other person, partnership, association, corporation or governmental agency applying for the installation of an underground electric supply system.

(2) "Building" means a structure enclosed within exterior walls or fire walls, built, erected and framed of component structural parts and designed for less than five (5) family occupancy.

(3) "Customer" means for purposes of Section 21 of this administrative regulation the developer, builder or other person, partnership, association, corporation or governmental agency applying for installation of an underground electric supply system.

(4) "Customer premises" means the building for which service is intended or in use.

(5) "Distribution system" means electric service facilities consisting of primary and secondary conductors, transformers, and necessary accessories and appurtenances for furnishing electric power at utilization voltage.

(6) "Multiple-occupancy building" means a structure enclosed within exterior walls or fire walls, built, erected and framed of component structural parts and designed to contain five (5) or more individual dwelling units.

(7) "Subdivision" means a tract of land which is divided into ten (10) or more lots for the construction of new residential buildings, or for construction of two (2) or more new multiple occupancy buildings.

Section 2. General Requirements. Every utility shall furnish adequate service and facilities at rates filed with the commission, and in accordance with administrative regulations of the commission and applicable rules of the utility. Energy shall be generated, transmitted, converted and distributed by the utility, and utilized, whether by the utility or the customer, in such manner as to obviate undesirable effects upon the operation of standard services or equipment on the utility, its customers and other utilities.

Section 3. Acceptable Standards. A utility shall construct and maintain its plant and facilities in accordance with good accepted engineering practices. Unless otherwise specified by the commission, the utility shall use applicable provisions in the following publications as standards of accepted good engineering practice for construction and maintenance of plant and facilities, herein incorporated by reference:

(1) National Electrical Safety Code; ANSI C-2. 1990 Edition, available by contacting the IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, New Jersey 08855-1331. This material is also available for inspection and copying, subject to copyright law, at the offices of the Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602, Monday through Friday between the hours of 8 a.m. to 4:30 p.m. local time.

(2) National Electrical Code; ANSI-NFPA 70. 1990 Edition, available by contacting the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02169. This material is also available for inspection and copying, subject to copyright law, at the offices of the Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602, Monday through Friday between the hours of 8 a.m. to 4:30 p.m. local time.

(3) American National Standard Code for Electricity Metering; ANSI C-12.1. 1982 Edition, available by contacting the Institute of Electrical and Electronics Engineers, Inc., 345 E. 47th Street, New York, New York 10017;

(4) USA Standard Requirements, for Instrument Transformers; ANSI Standard C57.13, 1978 Edition, available by contacting the IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, New Jersey 08855-1331. This material is also available for inspection and copying, subject to copyright law, at the offices of the Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602, Monday through Friday between the hours of 8 a.m. to 4:30 p.m. local time.

(5) The adoption and applicability of the National Electrical Code as a standard of utility construction is limited to electric utility auxiliary buildings which are not an integral part of a generating plant, substation, or control center. Integral part is defined as essential to the operation or necessary to make complete.

(6) All materials incorporated by reference above are available for public inspection and copying at the Public Service Commission of Kentucky, 211 Sower Boulevard, Frankfort, Kentucky 40601, between the hours of 8 a.m. and 4:30 p.m.

Section 4. Generating Station Meter Records. Every utility shall install such watt-hour meters as necessary to obtain a record of output of its generating station or stations. Every utility purchasing electrical energy shall install such meters as necessary to furnish a proper record of its purchases, unless such instruments are installed by the selling company.

Section 5. Maintenance or Continuity of Service. (1) Each utility shall make all reasonable efforts to prevent interruptions of service, and when such interruptions occur shall endeavor to reestablish service with the shortest possible delay. Whenever service is necessarily interrupted or curtailed for the purpose of working on equipment, it shall be done at a time if practicable, that will cause least inconvenience to customers, and those customers which may be seriously affected shall be notified in advance, except in cases of emergency.

(2) Each utility shall keep a record of: time of starting and shutting down the principal units of its power station equipment and feeders for major divisions; indications of sufficient switchboard instruments to show voltage and quantity of the load; all interruptions to service affecting the entire distribution system of any single community or important division of a community; and date and time of interruption, date and time of restoring service, and when known, cause of each interruption.

(3) When complete distribution systems or portions of communities have service furnished from unattended stations, the utility shall keep these records to the extent practicable. The records of unattended stations shall show interruptions which require attention to restore service, with estimated time of interruption. Breaker or fuse operations affecting service shall also be indicated even though duration of interruption may not be known.

Section 6. Voltage and Frequency. (1) Each utility shall adopt a standard nominal voltage or standard nominal voltages, as required by its distribution system for its entire constant-voltage service, or for each of several districts into which the systems may be divided, which standard voltages shall be stated in every schedule of rates of each utility or in its terms and conditions of service.

(2) Voltage at the customer's service entrance or connection shall be maintained as follows:

(a) For service rendered primarily for lighting purposes, variation in voltage between 5 p.m. and 11 p.m. shall not be more than five (5) percent plus or minus the nominal voltage adopted, and total variation of voltage from minimum to maximum shall not exceed six (6) percent of the nominal voltage.

(b) 1. For service rendered primarily for power purposes, voltage variation shall not at any time exceed ten (10) percent above or ten (10) percent below standard nominal voltage.

2. Where a limited amount of lighting is permitted under these contracts, the entire load shall be considered power as far as voltage variation is concerned.

(c) Where utility distribution facilities supplying customers are reasonably adequate and of sufficient capacity to carry actual loads normally imposed, the utility may require that starting and operating characteristics of equipment on customer premises shall not cause an instantaneous voltage drop of more than four (4) percent of standard voltage nor cause objectionable flicker in other customer's lights.

(d) Equipment supplying constant current circuits shall be adjusted to furnish as nearly as practicable the rated current of the circuit supplied, and in no case shall the current vary more than four (4) percent above or below the circuit rating.

(3) Each utility supplying alternating current shall adopt a standard frequency of sixty (60) hertz which shall be stated in the schedule of rates of each utility.

(4) A frequency meter monitor shall be maintained for each system frequency. Accuracy of the frequency meter shall be checked each day and frequency shall be governed within limits as set forth in this section so that the frequency meters on the system are correct once daily.

(5) The following shall not be considered a violation of this section: Voltage variations in excess of those caused by operation of power apparatus on customer premises which require large starting currents and affect only the user of such apparatus, by action of the elements and infrequent and unavoidable fluctuations of short duration due to system operation.

(6) Greater variation of voltage than specified under this section may be allowed if service is supplied directly from a transmission line, if emergency service, or if in a limited or extended area in which customers are widely scattered or business done does not justify close voltage administrative regulation. In such cases the best voltage administrative regulation shall be provided that is practicable under the circumstances.

Section 7. Voltage Surveys and Records. (1) Every utility shall have two (2) or more portable indicating voltmeters and two (2) or more recording or graphic voltmeters of type and capacity suited to the voltage supplied. Every utility shall make a sufficient number of voltage surveys to indicate the service furnished from each center of distribution. To satisfy the commission of its compliance with voltage requirements, each utility shall keep at least one (1) of these instruments in continuous service at some representative point on its system. All records of the most recent voltage surveys taken within the last three (3) calendar years shall be available for inspection by the utility's customers and commission staff.

(2) Each graphic recording voltmeter shall be checked with a working standard indicating voltmeter when it is placed in operation and when it is removed, or periodically if the instrument is in a permanent location. Notations on each chart shall indicate beginning time and date of registration and when the chart was removed, as well as the point where voltage was taken, and results of the check with indicating voltmeter.

Section 8. Servicing Utilization Control Equipment. (1) Utilities shall service and maintain any equipment they use on customer's premises and shall adjust thermostats, clocks, relays, or time switches, if such devices must be so adjusted to provide service in accordance with their rate provisions.

(2) Time switches used by the utility for controlling equipment such as water heaters and street lights shall be of such quality that the timing mechanism may be adjusted to be accurate within ten (10) minutes per month. Time switches used by the utility for controlling street lighting or display lighting shall be inspected or monitored at least once a month and, if in error, adjusted. Time switches shall also be adjusted upon complaint if found in error or when service interruptions cause them to be in error by one-half (1/2) hour or more.

(3) Time switches and control devices used by the utility for controlling off-peak appliances shall be inspected or monitored periodically and adjusted if in error, and also adjusted upon complaint if found in error or whenever service interruptions result in error of two (2) hours or more or in supplying service to off-peak appliances during peak periods.

Section 9. Measuring Customer Service. (1) All energy sold within the State of Kentucky shall be measured by commercially acceptable measuring devices owned and maintained by the utility, except where it is impracticable to meter loads, such as multiple street lighting, temporary or special installations, in which case consumption may be calculated. The utility shall meter its own electrical energy use except when such service is for emergency or incidental lighting such as outdoor substations, or at remote points on its transmission or distribution lines. All other electrical quantities which the utility's tariff indicates are to be metered shall be metered by commercially acceptable instruments owned and maintained by the utility.

(2) The utility shall regard each point of delivery as an independent customer and meter the power delivered at each point. Combined meter readings shall not be taken at separate points, nor shall energy used by more than one (1) residence or place of business on one (1) meter be measured to obtain a lower rate.

(3) Metering facilities located at any point where energy may flow in either direction and where the quantities measured are used for billing purposes shall consist of meters equipped with ratchets or other devices to prevent reverse registration and be so connected as to separately meter energy flow in each direction.

(4) Whenever possible reactive meters required to meet the conditions of a given rate schedule shall be either all ratcheted or none shall be ratcheted. Reactive metering shall not be employed for determining average power factor for billing purposes where energy may flow in either direction or where a customer may generate an appreciable amount of his own requirements.

(5) Meters which are not direct reading and those operating from instrument transformers shall have the multiplier plainly marked on the dial of the instrument or otherwise suitably marked and all charts taken from recording meters shall be marked with the record date, meter number, customer and chart multiplier.

(6) The register ratio shall be marked on all electro-mechanical meter registers. Meters already in service may be so marked when they are tested.

(7) The watt-hour constant for the meter itself shall be placed on all watt-hour meters. Meters already in service shall be so marked when they come to the meter shop.

Section 10. Service Connections. (1) The utility shall pay all costs of a service drop or an initial connection to its line with the customer's service outlet, except the attachment of the wire support to customer premises. When the customer's outlet is inaccessible to the utility, or the customer desires that the service outlet on any building be at a location other than that closest to the utility's line, cost of such special construction as necessary shall be borne by the customer. The utility shall furnish at its expense an amount of wire, labor and material equivalent to that furnished for a like service connection not requiring such special construction.

(2) Underground service requirements and administrative regulations shall be established by each utility and be on file with the commission.

(3) All equipment and material furnished by the utility at its own expense shall remain the property of the utility and may be removed by it at any reasonable time after discontinuance of service.

Section 11. Distribution Line Extensions. (1) Normal extensions. An extension of 1,000 feet or less of single phase line shall be made by a utility to its existing distribution line without charge for a prospective customer who shall apply for and contract to use the service for one (1) year or more and provides guarantee for such service. The "service drop" to customer premises from the distribution line at the last pole shall not be included in the foregoing measurements. This distribution line extension shall be limited to service where installed transformer capacity does not exceed 25 KVA. Any utility which extends service to a customer who may require polyphase service or whose installed transformer capacity will exceed 25 KVA may require the customer to pay in advance additional cost of construction which exceeds that for a single phase line where the installed transformer capacity does not exceed 25 KVA.

(2) Other extensions.

(a) When an extension of the utility's line to serve an applicant or group of applicants amounts to more than 1,000 feet per customer, the utility may, if not inconsistent with its filed tariff, require total cost of the excessive footage over 1,000 feet per customer to be deposited with the utility by the applicant or applicants, based on the average estimated cost per foot of the total extension.

(b) Each customer receiving service under such extension will be reimbursed under the following plan: Each year, for a refund period of not less than ten (10) years, the utility shall refund to the customer(s) who paid for the excessive footage the cost of 1,000 feet of extension in place for each additional customer connected during the year whose service line is directly connected to the extension installed and not to extensions or laterals therefrom. Total amount refunded shall not exceed the amount paid the utility. No refund shall be made after the refund period ends.

(c) For additional customers connected to an extension or lateral from the distribution line, the utility shall refund to any customer who paid for excessive footage the cost of 1,000 feet of line less the length of the lateral or extension.

(3) An applicant desiring an extension to a proposed real estate subdivision may be required to pay the entire cost of the extension. Each year, for a period of not less than ten (10) years, the utility shall refund to the applicant who paid for the extension a sum equivalent to the cost of 1,000 feet of the extension installed for each additional customer connected during the year. Total amount refunded shall not exceed the amount paid to the utility. No refund shall be made after the refund period ends.

(4) Nothing contained herein shall be construed as to prohibit the utility from making extensions under different arrangements if such arrangements have been approved by the commission.

(5) Nothing contained herein shall be construed to prohibit a utility from making at its expense greater extensions than herein prescribed, if similar free extensions are made to other customers under similar conditions.

(6) Upon complaint to and investigation by the commission, a utility may be required to construct extensions greater than 1,000 feet upon a finding by the commission that such extension is reasonable.

Section 12. Distribution Line Extensions to Mobile Homes. (1) All extensions of up to 150 feet from the nearest distribution line shall be made without charge.

(2) Extensions greater than 150 feet from the nearest distribution line and up to 300 feet shall be made if the customer pays the utility a "customer advance for construction" of fifty (50) dollars in addition to any other charges required by the utility for all customers. This advance shall be refunded at the end of one (1) year if service to the mobile home continues for that length of time.

(3) For extensions greater than 300 feet and less than 1,000 feet from the nearest distribution line, the utility may charge an advance equal to reasonable costs incurred by it for that portion of service beyond 300 feet plus fifty (50) dollars. Beyond 1,000 feet the extension policies set forth in Section 11 of this administrative regulation shall apply.

(a) This advance shall be refunded to the customer over a four (4) year period in equal amounts for each year service is continued. The customer advance for construction of fifty (50) dollars shall be added to the first of four (4) refunds.

(b) If service is discontinued for a period of sixty (60) days, or the mobile home is removed and another does not take its place within sixty (60) days, or is not replaced by a permanent structure, the remainder of the advance shall be forfeited.

(c) No refunds shall be made to any customer who did not make the advance originally.

(4) If a utility implements specific requirements pertaining to mobile homes, such requirements shall be subject to approval by the commission and comply with the provisions of this administrative regulation.

Section 13. Testing Equipment and Standards. (1) Each utility shall maintain sufficient laboratories, meter testing shops, standards, instruments and facilities to determine accuracy of all types of meters and measuring devices used by the utility except as provided in 807 KAR 5:006, Section 17.

(2) The following testing equipment shall be available as minimum requirements for each utility or agency making tests or checks for a utility pursuant to 807 KAR 5:006, Section 17(2):

(a) One (1) or more working watt-hour standards and associated devices of capacity and voltage range adequate to test all watt-hour meters used by the utility.

(b) One (1) or more watt-hour standards, which shall be the utility's master watt-hour standards, used for testing the working watt-hour standards of the utility. These standards shall be of an approved type, shall be well compensated for both classes of temperature errors, practically free from errors due to ordinary voltage variations, and free from erratic registration. These master watt-hour standards shall

be of capacity and voltage range adequate to test all working watt-hour standards at all loads and voltages at which they are used. These standards shall be kept permanently at one place and not used for routine testing.

(c) Working indicating instruments, such as ammeters, voltmeters and watt-meters, of such various types required to determine the quality of service to customers.

(d) A voltmeter and ammeter, which shall be master indicating instruments, and which shall be used for testing of working indicating and recording instruments. These instruments shall be of an approved type and of accuracy class and range sufficient to determine accuracy of working instruments to within five-tenths (0.5) percent of all ranges and scale deflections at which working instruments are used. They shall be kept permanently at one place and not used for routine testing.

(3) The utility's master watt-hour standards shall not be in error by more than plus or minus three-tenths (0.3) percent at 100 percent power factor, nor more than plus or minus five-tenths (0.5) percent at fifty (50) percent power factor at loads and voltages at which they are used, and shall not be used to check or calibrate working standards unless the master standard has been certified as to accuracy by the commission within the preceding twelve (12) months. Each master watt-hour standard shall have a history card and calibration data available, and when used to calibrate working standards, correction for any error of the master standard shall be applied.

(4) All working watt-hour standards when regularly used shall be compared with a master standard at least once in every four (4) weeks. Working watt-hour standards infrequently used shall be compared with a master standard before they are used.

(5) Working watt-hour standards shall be adjusted, if necessary, so that their accuracy will be within plus or minus three-tenths (0.3) percent at 100 percent power factor and within plus or minus five-tenths (0.5) percent at fifty (50) percent lagging power factor at all voltages and loads at which the standard may be used. A history and calibration record shall be kept for each working watt-hour standard showing all pertinent data and name of person performing tests.

(6) After having adjusted working watt-hour standards to the accuracy specified above, service measuring equipment shall be adjusted to within the accuracies required, assuming working watt-hour standards to be 100 percent accurate.

(7) If calibration charts are attached to working watt-hour standards and the error indicated is applied to all tests run and the accuracy on any range has not varied more than two-tenths (0.2) percent during the past twelve (12) regular test periods, accuracy limits may be extended to plus or minus five-tenths (0.5) percent at 100 percent power factor and plus or minus seven-tenths (0.7) percent at fifty (50) percent lagging power factor at all voltages and loads at which the standard may be used.

(8) The utility's master indicating instruments shall not be in error by more than plus or minus five-tenths (0.5) percent of indication at commonly used scale deflections and shall not be used to check or calibrate working indicating instruments unless the master instrument has been checked and adjusted, if necessary, and certified as to accuracy by the commission within the preceding twenty-four (24) months. A calibration record shall be maintained for each instrument.

(9) All working indicating instruments shall be checked against master indicating instruments at least once in each six (6) months. If the working instrument is found appreciably in error at zero or in error by more than one (1) percent of indication at commonly used scale deflections, it shall be adjusted. A calibration record shall be maintained for each instrument showing all pertinent data and name of person performing tests.

Section 14. Check of Standards by Commission. (1) Each utility, and/or agency making tests or checks for a utility, shall submit to the commission Meter Standards Laboratory, its master watt-hour standard once in each year, and its master indicating voltmeter and ammeter once in each two (2) years.

(2) At the discretion of the commission any or all of these required tests may be made at the utility's or agency's testing facility by means of portable transfer standards. If the standards satisfy the requirements of the commission a Certificate of Accuracy shall be issued by the commission's Division of Engineering.

(3) Each utility which normally checks its own master watt-hour standards and master indicating instruments against primary standards such as precision watt-meters, volt boxes, resistances, standard cells, potentiometers, and timing devices, shall calibrate the master watt-hour standards and indicating instruments before they are submitted to the commission for test, and attach to them a record of such calibration.

Section 15. Testing of Metering Equipment. (1) Testing of any unit of metering equipment shall consist of a comparison of its accuracy with a standard of known accuracy. All metering equipment shall be in good order, and shall be adjusted to as close to zero error as possible.

(2) No meter or measuring device shall be deliberately set in error by any amount. Because of unavoidable irregularities of work done on a commercial scale, some accuracy tolerance shall be allowed. Meters shall be set as near as practicable to 100 percent accuracy but in no case shall the inaccuracy exceed one (1) percent. Further, meters with defective parts shall be repaired regardless of their accuracy.

(3) Metering equipment, including instrument transformers and demand meters, shall be tested for accuracy prior to being placed in service, periodically in accordance with the schedule below, upon complaint, when suspected of being in error, or when removed from service for any cause.

Period Test Schedule		
Self-Contained Meters		
Single phase		8 years
3 wire network		8 years
Polyphase		6 years
Meters used with instrument transformers		
Single phase		6 years
Polyphase		4 years
Demand Meters		
Indicating block-interval and lagged-		same as associated

	demand meters	watt-hour meter
	Graphic and pulse operated recording demand meters	2 years
Instrument Transformers		
	Current: high burden test	same as associated watt-hour meter
	Potential: secondary voltage test	same as associated watt-hour meter
	Var-hour Meters	same as associated watt-hour meter
Direct Current Watt-hour Meters:		
	Up to and including 6 KW	4 years
	Over 6 KW through 100 KW	2 years
	Over 100 KW	1 year

(4) Tests may be made at a meter shop, on the customer's premises, or in a mobile shop.

Section 16. Sample Testing of Single Phase Meters. A utility desiring to adopt a scientific sample meter testing plan for single phase meters shall submit its application to the commission for approval. Upon approval the sample testing plan may be followed in lieu of the periodic test prescribed in Section 15(3) of this administrative regulation. The plan shall include the following:

(1) Meters shall be divided into separate groups to recognize differences in operating characteristics due to changes in design, taking into consideration date of manufacture and serial number.

(2) The sampling procedure shall be based upon accepted statistical principles.

(3) The same sampling procedure shall be applied to each group.

(4) Each utility authorized to test meters by sample meter testing plan shall comply with the following conditions:

(a) The number of meters in addition to the sample shall be taken from those meters in each group longest in service since last test unless a particular meter type is known to be increasing the percentage of meters requiring test for the sample group. In such a case where a particular meter type is increasing the percentage of meters requiring test in any group, these meters may be selected first regardless of test date with any additional tests as required for that group coming from those in that group longest in service since last test. Each year the utility shall use the following table to determine the percentage of the total meters in each group to be tested.

Percentage of Meters Within Limits of 2% Fast or Slow (Indicated by Sample)		Percentage of Meters to be Tested the Next Year
99.0	100.0	2
98.0	98.9	4
97.0	97.9	6
96.0	96.9	8
95.0	95.9	10
93.0	94.9	12
91.0	92.9	14
Less than	91.0	16

(b) Provided, however, that no meter shall remain in service without periodic test for a period longer than twenty-five (25) years.

(5) Whenever a meter is found to be more than two (2) percent fast or slow, refunds or back billing shall be made for the period during which the meter error is known to have existed or if not known for one-half (1/2) the elapsed time since the last test but in no case to exceed three (3) years. This provision shall apply only when sample testing of single phase meters has been approved by the commission and utilized by the utility.

Section 17. Test Procedures and Accuracy Requirements. (1) Meters and associated devices shall be tested at the loads indicated below and adjusted as close as practicable to zero error when found to exceed the tolerance prescribed below.

AC Watt-hour Meters		
% of Test Current	Power Factor	Allowable Tolerance
100	1.0	+ or - 1.0%
10	1.0	+ or - 1.0%
100	0.5	+ or - 1.0%
DC Watt-hour Meters		
% of Test Current		Allowable Tolerance
100	1.0%	
10	1.0%	

(a) Only one (1) test run shall normally be required at each test configuration. However if the test indicates the meter is more than two (2) percent in error fast or slow, additional tests shall be made to verify accuracy prior to refunding or back billing the customer.

(b) When a meter is tested on complaint or request, additional test runs shall be made and care exercised to insure that any trouble with the meter will be detected.

(c) For refund and back billing purposes, accuracy of the meter shall be determined by adding the average registration at light load (ten (10) percent of test current) and the average registration at full load (100 percent of test current) and dividing by two (2).

(2) Demand meters. A demand meter, demand register, or demand attachment used to measure customer's service shall:

(a) Be in good mechanical and electrical condition.

(b) Have proper constants, indicating scale, contact device, and resetting device.

(c) Not register at no load.

(d) Be accurate to the following degrees:

1. Graphic meters which record quantity-time curves and integrated-demand meters shall be accurate to within plus or minus two (2) percent of full scale throughout their working range. Timing elements measuring specific demand intervals shall be accurate to within plus or minus two (2) percent and the timing element which serves to provide a record of the time of day when demand occurs shall be accurate to within plus or minus four (4) minutes in twenty-four (24) hours.

2. Lagged-demand meters shall be accurate to within plus or minus two (2) percent at final indication.

(3) Instrument transformers.

(a) Instrument transformers used in conjunction with metering equipment to measure customer's service shall:

1. Be in proper mechanical condition and have electrical insulation satisfactory for the service on which used.

2. Have characteristics such that the combined inaccuracies of all transformers supplying one (1) or more meters in a given installation shall not exceed the following:

	100% Power Factor		50% Power Factor	
	10% Current	100% Current	10% Current	100% Current
Purchased after Jan. 1, 1942	1%	.75%	3%	2%
Purchased prior to Jan. 1, 1942	2%	1.50%	5%	3%

(b) Meters used in conjunction with instrument transformers shall be adjusted so that overall accuracies will come within the limits specified in this administrative regulation.

(c) Instrument transformers shall be tested with the meter with which they are associated by making an overall test, or may be checked separately. If transformers are tested separately, meters shall also be checked to see that overall accuracy of installation is within the prescribed accuracy requirements.

(d) Results of tests of instrument transformers shall be kept on record and be available for use during the life of the transformer.

(e) Phase shifting transformers shall have secondary voltages under balanced line voltage conditions within one (1) percent plus or minus of the voltage impressed on the primary.

Section 18. Location of Meters. (1) Meters shall be installed in a clean, dry, safe, convenient place as free as possible from vibration. Meters shall be easily accessible for reading, testing, and making necessary adjustments and repairs, and where indoor type meters are necessary they shall not be placed in coal or wood bins or on partitions forming bins, nor on any unstable supports. Unless absolutely unavoidable, meters shall not be installed in attics, sitting rooms, bathrooms, bedrooms, restaurant kitchens, over doors, over windows, or in any location where visits of the meter reader or tester will cause annoyance to the customer or a severe inconvenience to the utility.

(2) Districts subject to flood are excepted from this rule as far as it applies to the location of meters.

(3) Proper provision shall be made by the customer for installation of the utility's meter. Unless the meter is to be mounted upon a panel or installed within a cabinet, such provision shall consist of a board not less than three-quarters (3/4) of an inch in thickness which shall be mounted not less than five (5) or not more than seven (7) feet from the floor, and in general as near as possible to point of entrance of service. At least six (6) inches clear space shall be available, on all sides of the meter board and not less than thirty (30) inches in front of it. The above provisions as to method of mounting and height from floor do not apply to the installation of weatherproof outdoor meters. Electric meters shall not be installed close to either water or gas meters or anything liable to damage the meter, thereby constituting a hazard to customer's safety and continuous service.

(4) When more than one (1) meter is installed without a meter cabinet in the same building, proper space shall be allotted and provision made by the customer for locating the meters at one (1) place. When a number of meters are placed in the same cabinet or upon the same board, each meter shall be tagged or marked to indicate the circuit metered by it.

Section 19. Overhead and Underground Wire Entrances. (1) The overhead wire entrance shall be located on the exterior of the building nearest the utility's lines at a point not less than twelve (12) nor more than thirty (30) feet above the ground. When proper ground clearance cannot be obtained due to height of building, a proper supporting structure shall be provided by the customer unless arrangements can be made with the utility whereby their overhead service wires can be carried to the building in such a manner that these wires will not constitute an obstruction to free passage of vehicles or fire fighting apparatus.

(2) Approval shall be obtained from the utility as to the proper location for a service entrance.

(3) New service drops, both overhead and underground, shall be installed in accordance with the National Electrical Safety Code.

Section 20. Operation of Illegal Gambling Devices. (1) When an electric utility, subject to the jurisdiction of this commission, is notified in writing by a federal or state law enforcement agency, the Attorney General of Kentucky, a Commonwealth's Attorney or a County Attorney acting in his official capacity, that electric energy furnished by it is being used or will be used for operating an illegal gambling device, it shall discontinue rendering electric service to such customer, after reasonable notice to the customer. No damages, penalty or forfeiture, civil or criminal, shall be found against any electric utility for any act done in compliance with any such notice received from the law enforcement agency or officer. Nothing in this section shall be deemed to prejudice the right of any person affected thereby to secure an appropriate judicial determination that such service should not be discontinued, or should be restored.

(2) As provided by KRS 278.230, any electric utility subject to commission jurisdiction shall furnish to the commission upon request any records or information in the possession of such electric utility that may assist in the enforcement of this rule.

Section 21. Underground Electric Distribution Systems for New Residential Customers. (1) Purpose of rules. To formulate requirements for underground electric distribution systems for all new customers of those systems which will insure safe and adequate service and which will be uniformly applicable within a utility's service area.

(2) Applicability. New residential customers and subdivisions as defined below after the effective date of this rule.

(3) Rights of way and easements.

(a) The utility shall construct, own, operate and maintain distribution lines only along easements, public streets, roads and highways which are by legal right accessible to the utility's equipment and which the utility has legal right to occupy, and on public lands and private property across which rights of way and easements satisfactory to the utility may be obtained without cost or condemnation by the utility.

(b) Rights of way and easements suitable to the utility for underground distribution facilities shall be furnished by the applicant in reasonable time to meet service requirements. The utility may require that the applicant make the area in which underground distribution facilities are to be located accessible to the company's equipment, remove all obstructions from such area, stake to show property lines and final grade, perform rough grading to reasonable approximation of final grade, and maintain clearing and grading during construction by the utility. The utility may require that suitable land rights be granted to it, obligating the applicant and subsequent property owners to provide continuing access to the utility for operation, maintenance or replacement of its facilities, and to prevent any encroachment in the utility's easement or substantial changes in grade or elevation.

(4) Installation of underground distribution system within new subdivision.

(a) Where appropriate contractual arrangements have been made, the utility shall install within the subdivision an underground electric distribution system of sufficient capacity and suitable materials which, in its judgment, will assure that the property owners will receive safe and adequate electric service for the foreseeable future.

(b) Facilities required to be underground:

1. All single phase conductors installed by the utility shall be underground. Appurtenances such as transformers, pedestal-mounted terminals, switching equipment and meter cabinets may be placed above ground.

2. Three (3) phase primary mains or feeders required within a subdivision to supply local distribution or to serve individual three (3) phase loads may be overhead unless underground is required by governmental authority or chosen by the applicant, in either of which case the differential cost of underground shall be borne by the applicant.

(c) If the applicant has complied with the requirements herein and with the utility's specifications on file with the commission, and has given the utility not less than 120 days written notice prior to anticipated date of completion (i.e., ready for occupancy) of the first building in the subdivision, the utility shall complete installation thirty (30) days prior to estimated completion date. (Subject to weather and ground conditions and availability of materials and barring extraordinary or emergency circumstances beyond reasonable control of the utility.) However, nothing in these administrative regulations shall be interpreted to require the utility to extend service to portions of subdivisions not under active development.

(5) Schedule of charges.

(a) Within sixty (60) days after the effective date of these rules, each utility shall file with the commission a statement setting forth the utility's policy with respect to electric underground extensions. Such policy shall provide for payment by the applicant for the difference between the cost of providing underground facilities and that of providing overhead facilities. The payment made by applicant shall be expressed in terms of an amount per foot of conductor or other appropriate measure.

(b) The utility's policy as filed with the commission shall set forth an "estimated average cost differential," if any, between the average or representative cost of underground distribution systems and of equivalent overhead distribution systems within the utility's service areas. The payment made by applicant as provided for in paragraph (a) of this subsection shall not be more than the estimated average cost differential and shall be nonrefundable.

(c) Detailed supporting data used to determine estimated average cost differential shall be concurrently filed by the utility with the commission and shall be updated annually.

(d) Applicant may be required to deposit the entire estimated cost of the extension. If this is done, the amount deposited in excess of the normal charge for underground extensions, as provided in paragraph (a) of this subsection, shall be refunded to the applicant over a ten (10) year period as provided in Section 11 of this administrative regulation.

(e) Upon agreement by both parties, if the applicant chooses to perform all necessary trenching and backfilling in accordance with utility specifications, the utility shall credit applicant's cost in an amount equal to the utility's cost for trenching and backfilling.

(f) Utility extension from the property or boundary of the subdivision to its existing supply facilities shall normally be made overhead, and any deposit required for that extension is subject to refund under Section 11 of this administrative regulation. Upon request, such extension may be made underground, if the applicant agrees to pay the excess cost for the underground extension, which excess cost shall be nonrefundable.

(g)1. Point of service shall be that point where utility facilities join customer facilities, irrespective of the location of the meter. Such point of service shall normally be either at the property line or at the corner of the building nearest the point at which underground systems enter the property to be served, depending upon whether the utility or the customer owns the underground service lateral.

2. If established utility practice dictates service termination at the customer's property line, the utility shall credit the applicant fifty (50) dollars or the equivalent cost of an overhead service line to the applicant's meter base, whichever is greater.

3. Where established utility practice does not dictate service termination at the customer property line, the utility shall include in its underground plan the furnishing, installation, ownership, and maintenance of the service lateral to the meter base providing the applicant installs in the building adequate electric service entrance capacity to the satisfaction of the utility to assure that the underground service conductors will be adequate to handle present and future load requirements of the building. In this instance the utility will determine the size and type of service lateral conductors and appurtenances to be used in any installation.

4. If, by mutual agreement of the parties, service terminates at some other point on the building or property, the applicant shall pay the full cost of any additional extension required in excess of that provided for in paragraph (g)1, 2 and 3 of this subsection.

(h) When an existing utility-owned supply circuit or service lateral requires replacement or reinforcement due to added loads, etc., the utility at its expense will replace or reinforce it.

(i) Nothing in this administrative regulation shall be construed to prevent any utility from assuming any part of the cost differential of providing underground distribution systems within subdivisions, provided the utility demonstrates to the commission that such practice will not result in increased rates to the general body of rate payers.

(j) The utility shall not be obligated to install any facility within a subdivision until satisfactory arrangements for payment of charges have been completed by the applicant.

(6) Cooperation by applicant. Charges specified in these rules are based on the premise that each applicant will cooperate with the utility in an effort to keep the cost of construction and installation of the underground electric distribution system as low as possible and make satisfactory arrangements for payment of the above charges prior to installation of the facilities.

(7) Construction. All electrical facilities shall be installed and constructed to comply with applicable codes, rules and administrative regulations of the commission.

Section 22. Deviations from Rules. In special cases for good cause shown the commission may permit deviations from these rules. (8 Ky.R. 814; eff. 4-7-1982; Am. 16 Ky.R. 2046; 2430; eff. 6-10-1990

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 33

Responding Witness: John K. Wolfe

Q-33. Please provide a copy of construction standards related to street lighting used by KU.

A-33. See the attachment provided in response to Question No. 32.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 34

Responding Witness: John K. Wolfe

- Q-34. Please describe in detail and provide written copies of all KU's policies regarding undergrounding lights and electrical wires.
- A-34. See the response to Question No. 33. Additionally, KU policies regarding street lights are contained in the associated tariffs, LS rate Original Sheets 35-35.3 and RLS rate 36-36.3. In addition, all installations satisfy National Electrical Safety Code requirements and comply with applicable sections of 807 KAR 5:006 and 807 KAR 5:041.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 35

Responding Witness: John K. Wolfe

Q-35. Please state how many new public street lights were installed by KU for each of the past three years, indicating the types of lights installed and the number of these lights which replaced previously existing street lights, for the following:

- a. Lexington-Fayette Urban County Government;
- b. KU's Kentucky jurisdictional operations; and
- c. KU's entire system.

A-35. a. See below:

**Summary of Work Performed for Specific Time Period
1/1/2014 – 12/31/2014**

Rate Code	Pole Cat	Lumens	Bulb Type	Newly Installed	Permanent Removal	Upgrade/ Replacement
467	CLN	5800	S	20	0	0
468	CLN	9500	S	41	0	0
477	CNT	9500	S	3	0	0
478	CNT	22000	S	13	3	0
447	SOH	10000	M	0	4	11
448	SOH	20000	M	0	6	4
457	OOH	10000	M	0	0	2
457	OUG	10000	M	0	0	3

458	OUG	20000	M	0	3	7
458	OOH	20000	M	0	4	4
461	SOH	4000	S	0	2	3
462	SOH	5800	S	2	5	10
463	SOH	9500	S	3	4	10
464	SOH	22000	S	3	6	46
465	SOH	50000	S	0	0	8
471	OUG	4000	S	0	0	18
472	OUG	5800	S	230	2	7
473	OOH	9500	S	0	2	0
473	OUG	9500	S	3	25	1
474	OUG	22000	S	33	5	5
474	OOH	22000	S	0	7	7
475	OOH	50000	S	0	2	1
475	OUG	50000	S	4	1	1
476	CNT	5800	S	128	6	0

TOTALS: 483 87 148

**Summary of Work Performed for Specific Time Period
1/1/2015 – 12/31/2015**

Rate Code	Pole Cat	Lumens	Bulb Type	Newly Installed	Permanent Removal	Upgrade/ Replacement
467	CLN	5800	S	20	0	0
468	CLN	9500	S	55	0	0
477	CNT	9500	S	5	7	2
478	CNT	22000	S	19	10	0
447	SOH	10000	M	0	3	1
448	SOH	20000	M	0	4	0
457	OOH	10000	M	0	0	0
457	OUG	10000	M	0	0	1
458	OUG	20000	M	1	5	2
458	OOH	20000	M	0	4	0

461	SOH	4000	S	0	2	0
462	SOH	5800	S	21	14	5
463	SOH	9500	S	16	9	35
464	SOH	22000	S	6	8	46
465	SOH	50000	S	4	0	4
471	OUG	4000	S	0	5	0
472	OUG	5800	S	261	3	37
473	OOH	9500	S	0	2	3
473	OUG	9500	S	10	32	7
474	OUG	22000	S	33	13	25
474	OOH	22000	S	3	11	4
479	OOH	50000	S	0	2	0
475	OUG	50000	S	4	2	1
476	CNT	5800	S	241	6	0
360	GRN	16000	S	0	382	0

TOTALS: 699 524 173

Summary of Work Performed for Specific Time Period

1/1/2016 – 12/31/2016

Rate Code	Pole Cat	Lumens	Bulb Type	Newly Installed	Permanent Removal	Upgrade/ Replacement
467	CLN	5800	S	0	0	0
479	CNT	50000	S	1	0	0
477	CNT	9500	S	18	0	0
478	CNT	22000	S	2	3	2
447	SOH	10000	M	0	0	0
448	SOH	20000	M	2	5	0
457	OOH	10000	M	0	0	0
457	OUG	10000	M	0	0	0
458	OUG	20000	M	0	0	1
458	OOH	20000	M	1	1	0
461	SOH	4000	S	0	3	0
462	SOH	5800	S	25	8	3

463	SOH	9500	S	3	13	18
464	SOH	22000	S	11	24	15
465	SOH	50000	S	0	0	3
471	OUG	4000	S	1	1	1
472	OUG	5800	S	52	1	30
473	OOH	9500	S	0	0	0
473	OUG	9500	S	10	13	13
474	OUG	22000	S	210	23	8
474	OOH	22000	S	0	0	7
475	OOH	50000	S	0	2	2
475	OUG	50000	S	40	0	11
476	CNT	5800	S	101	0	0

TOTALS: 477 97 114

- b. This information is not tracked.
- c. This information is not tracked.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
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Dated January 11, 2017**

Question No. 36

Responding Witness: John K. Wolfe

Q-36. For each of the past three years, please provide the number of street lights that KU had planned on replacing prior to that year beginning for the following:

- a. Lexington-Fayette Urban County Government;
- b. KU's Kentucky jurisdictional operations; and
- c. KU's entire system.

A-36. KU had no planned replacements on its system.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 37

Responding Witness: John K. Wolfe

Q-37. Please describe in detail all maintenance that must be performed by KU on each type of street light to ensure that it operates properly and provide a list of each component of the required maintenance and its monthly cost.

A-37. Normal maintenance consists of replacing the items listed in the table below as needed. The current unit costs are for materials specific to each installation and do not include associated installation costs (labor, minor materials, equipment, etc.), which are not tracked at this level of detail. Maintenance is required when KU has identified or received a report that the street light is inoperative. The most common maintenance performed on a street light is the replacement of a burned out bulb and/or replacement of an inoperative photoelectric control.

Normal Street Light Maintenance Material

Item #	Unit Description	Unit Cost
7001343	LAMP,HPS,4000L,50W	\$ 7.58
7001344	LAMP,HPS,5800L,70W	\$ 7.07
7001345	LAMP,HPS,9500L,100W	\$ 7.58
7001346	LAMP,HPS,22000L,200W	\$ 9.08
7001347	LAMP,HPS,50000L,400W	\$ 8.42
7001349	LAMP,MV,10000L,250W	\$ 6.39
7001350	LAMP,MV,20000L,400W	\$ 7.32
7001331	CONTROL,PHOTOELECTRIC,105-130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,CADMIUM-SULFIDE PHOTOCELL,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	\$ 3.04
7001718	CAP,SHORTING,PHOTOCONTROL BASE,LOCKING TYPE	\$ 3.37
7010269	STARTER,LIGHTING,HPS,50W-400W,PLUG-IN TYPE,GE	\$ 21.54

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 38

Responding Witness: John K. Wolfe

- Q-38. Please provide both the number and type of public street lights for LFUCG accounts for which service or maintenance was performed in each of the last three years and the same information for both KU's Kentucky jurisdictional operations and its entire system. In addition, please provide the basis for generating the above repair or maintenance order (i.e., referral from 311, customer complaint, KU) for each of the above.
- A-38. LFUCG and KU system-wide repair orders for street and other outdoor lights during the periods in question are in the table below. KU does not track repairs by type.

	2016	2015	2014
Lexington	4,035	3,848	4,095
System-wide	20,134	19,710	19,722

KU does not track repairs by reporting source. Refer to the detailed response to Question No. 32 for the basis of KU's policies and practices regarding repairs and maintenance. Street light repairs that were referred by LexCall/311 are shown in the table below.

	2016	2015	2014
Hotline Calls	1,433	1,109	1,119

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 39

Responding Witness: John K. Wolfe

- Q-39. Is KU able to ascertain, at any given time, the number of street lights in Fayette County that are actually in proper working order? If so, please provide a detailed explanation, and further explain:
- a. How many street lights (on average) are actually in proper working order at any given time;
 - b. Whether the LFUCG is charged the monthly tariff rate for non-working street lights for the periods of time within which such street lights are non-operational or not working properly;
 - c. The amount of time it takes (on average) to bring such street lights into working order; and
 - d. Whether this information differs among different types
- A-39. No, KU cannot ascertain the number of street lights in Fayette County that are operable at any given time. However, as described in the response to Question No. 32(a), KU proactively identifies street light outages and relies upon customers to report service problems.
- a. All lights, unless reported otherwise, are considered to be in proper working order. KU estimates it performs 3,800 street light repairs annually to Fayette County street lighting.
 - b. The LFUCG pays a monthly tariff for all street lights it has requested.
 - c. See the response to Question No. 32(b).
 - d. See the response to Question No. 32(c)

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 40

Responding Witness: John K. Wolfe

Q-40. Please state how many existing street lights are scheduled (or anticipated) to be replaced by KU over the next five years for which the LFUCG currently and/or in the future will pay a monthly rate. Please provide the quantity of each type of light being removed and the quantity and type of light that will replace it.

A-40. KU has no scheduled replacements of any current LFUCG street lighting fixtures.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 41

Responding Witness: John K. Wolfe

- Q-41. Please state how many existing street lights are scheduled (or anticipated) to be replaced by KU over the next five years for which any customer within KU's Kentucky jurisdictional operations currently and/or in the future will pay a monthly rate. Please provide the quantity of each type of light being removed and the quantity and type of light that will replace it.
- A-41. KU has no scheduled replacements of any current Kentucky jurisdictional street lighting fixtures.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 42

Responding Witness: Robert M. Conroy

Q-42. Please explain the difference between Lighting Service ("LS") and Restricted Lighting Service ("RLS").

A-42. Lighting Service (LS) refers to light offerings that are currently available for new customer installations. Supplies and parts are readily available for new installations and repairs.

Restricted Lighting Service (RLS) include fixtures and poles that were a normal staple offering at one time; however, due to federal government legislation and manufacturing restrictions, certain offerings became limited or obsolete. RLS offerings remain in the field and may be available for spot replacements. However, installations and repairs are only made if supplies are available.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 43

Responding Witness: Robert M. Conroy

Q-43. Please explain why KU is no longer offering spot replacements for rate RLS bulbs or fixtures.

A-43. As stated in response to Question No, 42, spot replacements are available but contingent on the fixtures/poles being available from manufacturers.

See the response to PSC 2-89.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 44

Responding Witness: Robert M. Conroy / John K. Wolfe

- Q-44. Please refer to the proposed textual change to the tariff on Sheet 36.
- a. Please explain the company's position on repair or replacement of Mercury Vapor and Incandescent lights if KU will not offer spot replacements of those facilities.
 - b. If KU plans to replace those facilities with a different light offering when they need to be repaired or replaced, please explain in detail the circumstances under which KU will replace those facilities and what light offering will replace each type of facility.
 - c. Please provide all pertinent documents regarding any internal discussion or research regarding LED replacements for rate codes 472, 476, 474, 471, and 473.
- A-44. a. The Company will replace a failed Mercury Vapor bulb but will not replace a failed Incandescent bulb. See the response to PSC 2-89.
- b. When more than a bulb replacement is required, the Company will replace a failed or damaged Mercury Vapor fixture or ballast with a new HPS or Metal Halide fixture of comparable lumens upon customer's approval if the rate increases. The Company will replace any Incandescent lights with a new HPS or Metal Halide of comparable lumens for any type of failure upon customer's approval if the rate increases.
 - c. KU has no plans to replace existing lighting fixtures with its proposed LED lighting offerings. KU's high pressure sodium offerings of bill codes 471, 472, 473, 474 and 476 are very popular fixtures/poles used throughout KU's service territory.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 45

Responding Witness: Robert M. Conroy

- Q-45 Please refer to the proposed textual change to the tariff on Sheet 36. Please explain why certain units are not available for use in residential neighborhoods except by municipal authorities.
- A-45. Larger lumen fixtures have the potential to cause light trespass on surrounding neighbors. In order to limit this exposure KU has applied this policy for numerous years.

Sheet No. 36 is for the Restricted Lighting Service. Although this restriction is already listed in the LS tariff, adding this language to the RLS tariff essentially clears up any potential discrepancies in applying policy. New RLS installations are limited to spot replacements only.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 46

Responding Witness: Robert M. Conroy

Q-46. Please refer to the proposed tariff rules on Sheet 35 related to LED light offerings. Please explain why certain LED units are not available for use in residential neighborhoods except by municipal authorities.

A-46. See the response to Question No. 45.

When developing the LED offerings, KU sought input from various lighting manufacturers regarding comparable offerings in high pressure sodium. The 14,166 lumen and the 23,214 lumen LED fixtures are a close equivalent to the 22,000 lumen and the 50,000 lumen HPS fixtures respectively, which are limited to non-residential areas.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 47

Responding Witness: John P. Malloy

- Q-47. Please refer to the tariff provisions titled "Term of Contract" on Sheets 35.2 and 36.2. Identify how many times since 2012 customers have cancelled street lighting within five years of requesting service and were required to pay a lump sum to KU equal to the monthly charge times the number of months remaining on the five-year term.
- A-47. Since 2012 the number of customers who have cancelled street lighting within five years of requesting service and were required to pay a lump sum to KU equal to the month charge times the number of months remaining on the five-year term is zero.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 48

Responding Witness: John K. Wolfe / John P. Malloy

- Q-48. a. Does KU allow, in any way, the non-governmental utilization of public street lights in Fayette County?
- b. If so, please provide a detailed explanation of each different type of such utilization that occurs in Fayette County, the extent of each type of utilization, the names of any parties that have agreements with KU regarding such usage in Fayette County, the amount and type of compensation or consideration (monetary or otherwise) that KU typically receives for such usage, copies of any pertinent agreements for such usage, and the total amount of compensation that KU receives for such activities.
- c. If so, please state whether these street lights are subject to the LFUCG franchise agreement.
- A-48 a. KU installs wood and non-wood poles for the purpose of providing multi-voltage levels of electric services to our customers' end uses. Lighting services, also an end use, are installed on existing utility poles as well as on poles that are specifically installed to provide lighting service. KU does allow non-governmental utilization of wood street poles in public right-of-way upon which public street lights are attached.
- b. KU allows the installation of telecommunication cables on poles also used to provide lighting services by qualified telecommunications providers as required by the Commission. Third-party cables are often installed on existing utility poles that also provide lighting services along public roadways. LFUCG pays no excess facilities charges for lighting services when attaching to existing joint-use poles. Incidental cable attachments on poles specifically installed to provide lighting service are infrequently made when required by National Electrical Safety Code (NESC). There is no reduction to any Lighting Service charges as a result of third-party attachments for NESC compliance. Cable attachment compensation is not tracked by structure and KU does not record

the incidences of third-party attachments on poles also containing street lighting facilities leased by LFUCG.

There are nine entities have third-party cable attachments on KU poles that may also be used to provide LFUCG lighting services. These entities can be identified by the type of cable attachment. CATV pole attachments are made under the provisions of the KU CTAC tariff. Attachments of incumbent local exchange carriers (ILECs) are made under a joint use pole sharing agreement with the incumbent local exchange carrier (ILEC) and are made without fee to either party. Attachments of competitive local exchange carriers (CLEC) are made under individual license agreements with CLEC providers. KU does not reveal the names or identities of individual customers. Copies of contracts for pole attachments and the CTAC tariff are attached. The contracts are considered confidential and are being provided under seal pursuant to a Petition for Confidential Protection.

See response to LFUCG 1-85 for the total compensation derived from third party attachments to KU structures (including wood streetlight poles).

- c. These carriers must submit evidence of authority to erect and maintain facilities within public streets, highways, and thoroughfares; the entities must secure their own consent by way of franchise.

The contracts are
Confidential and
provided separately
under seal.

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40

Standard Rate**CTAC****Cable Television Attachment Charges****APPLICABLE**

In all territory served.

AVAILABILITY OF SERVICE

Where Company is willing to permit the attachments of cables, wires and appliances to its poles where, in Company's judgment, such attachments will not interfere with its electric service requirements and other prior licensees using Company's poles. Attachments will be permitted upon execution by both parties of a Cable Television Attachment Agreement supplied by Company.

ATTACHMENT CHARGE

\$7.25 per year for each attachment to pole.

BILLING

Attachment Charges to be billed semi-annually based on the number of pole attachments being maintained on December 1 and June 1. Provided, however, that should the Agreement be terminated in accordance with the terms of the said Agreement, the Attachment Charges will be prorated to the date of such termination. Payment will be due within thirty (30) days from date of bill. Non-payment of bills shall constitute a default of the Agreement.

TERM OF AGREEMENT

The Cable Television Attachment Agreement shall become effective upon execution by both parties and shall continue in effect for not less than one (1) year, subject to provisions contained in the agreement. At any time thereafter, the Customer may terminate the agreement by giving not less than six (6) months' prior written notice. Upon termination of the agreement, Customer shall immediately remove its cables, wire, appliances and all other attachments from all poles of Company.

TERMS AND CONDITIONS OF POLE ATTACHMENTS

Pole attachments shall be permitted in accordance with this Schedule. Company's Terms and Conditions shall be applicable, to the extent they are not in conflict with or inconsistent with, the special provisions of this Schedule.

Upon written Agreement, Company is willing to permit, to the extent it may lawfully do so, the attachment of cables, wires and appliances to its poles by a cable television system operator, hereinafter "Customer," where, in its judgment, such use will not interfere with its electric service requirements and other prior licensees using Company's poles, including consideration of economy and safety, in accordance with this schedule approved by the Public Service Commission. The Terms and Conditions applicable to such service are as follows:

DATE OF ISSUE: July 10, 2015**DATE EFFECTIVE:** July 1, 2015

ISSUED BY: /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

**Issued by Authority of an Order of the
Public Service Commission in Case No.
2014-00371 dated June 30, 2015**

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.1

Standard Rate

CTAC

Cable Television Attachment Charges**1. ATTACHMENT APPLICATIONS AND PERMITS**

Before making attachment to any pole or poles of Company, Customer shall make application and receive a permit therefore on a form to be supplied by Company. The information submitted by Customer with the application for a permit shall consist of drawings and associated descriptive matter which shall be adequate in all detail to enable Company to thoroughly check the proposed installation of Customer. Before the attachments are made, the permit must be approved by Company. Customer shall not build separate pole lines along existing facilities of Company and shall not place intermediate poles in spans of Company, unless authorized by Company in writing. Company shall have the right to remove unauthorized Customer attachments at Customer's expense after notice to Customer. In the event a pole attachment count does not correspond to the recorded attachment count, Customer will pay a back attachment fee for any excess attachments. The back attachment fee will be double the rate otherwise in effect over the time since last pole attachment count and shall be payable on demand.

2. PERMITTED ATTACHMENTS

Customer shall be permitted to make only one bolt attachment for one messenger on tangent poles and two bolt attachments for two messengers on corner poles. A maximum of five individual coaxial cables may be supported by any single messenger if these cables are all attached to the messenger by suitable lashings or bindings, and so that the maximum overall dimension of the resulting cable bundle does not exceed two (2) inches. Any messenger attachment other than to tangent poles must be properly braced with guys and anchors provided by Customer to the satisfaction of Company. The use of existing Company anchors for this purpose must be specifically authorized in writing, subject to additional charge, and will not ordinarily be permitted. The use of crossarms or brackets shall not be permitted. In addition to messenger attachments, Customer will be permitted one Customer amplifier installation per pole and four service drops to be tapped on cable messenger strand and not on pole. Customer power supply installations shall be permitted, but only at pole locations specifically approved by Company. Any or all of the above are considered one attachment for billing purposes. Any additional attachments desired by Customer will be considered on an individual basis by Company, and as a separate attachment application.

3. CONSTRUCTION AND MAINTENANCE REQUIREMENTS AND SPECIFICATIONS

Customer's cables, wires and appliances, in each and every location, shall be erected and maintained in accordance with the requirements and specifications of the National Electrical Safety Code, current edition, and Company's construction practices, or any amendments or revisions of said Code and in compliance with any rules or orders now in effect or that hereinafter may be issued by the Public Service Commission of Kentucky, or other authority having jurisdiction. In the event any of Customer's construction does not meet any of the foregoing requirements, Customer will correct same in fifteen work days after written notification. Company may make corrections and bill Customer for total costs incurred, if not corrected by Customer.

DATE OF ISSUE: July 10, 2015**DATE EFFECTIVE:** August 1, 2010**ISSUED BY:** /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky**Issued by Authority of an Order of the
Public Service Commission in Case No.
2009-00548 dated July 30, 2010**

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.2

Standard Rate

CTAC

Cable Television Attachment Charges**4. MAINTENANCE OF ATTACHMENTS**

Customer shall, at its own expense, make and maintain said attachments in safe condition and in thorough repair, and in a manner suitable to Company and so as not to conflict with the use of said poles by Company, or by other parties, firms, corporations, governmental units, etc., using said poles, pursuant to any license or permit by Company, or interfere with the working use of facilities thereon or which may, from time to time, be placed thereon. Customer shall promptly at any time, at its own expense, upon written notice from Company, relocate, replace or renew its facilities placed on said poles, and transfer them to substituted poles, or perform any other work in connection with said facilities that may be required by Company but in no case longer than 30 day after date of written request. In cases of emergency, however, Company may arrange to relocate, replace or renew the facilities placed on said poles by Customer, transfer them to substituted poles or perform any other work in connection with said facilities that may be required in the maintenance, replacement, removal or relocation of said poles, the facilities thereon or which may be placed thereon, or for the service needs of Company, or its other licensees, and Customer shall, on demand, reimburse Company for the expense thereby incurred.

5. COSTS ASSOCIATED WITH ATTACHMENTS

In the event that any pole or poles of Company to which Customer desires to make attachments are inadequate to support the additional facilities in accordance with the aforesaid specifications, Company will indicate on the application and permit form the changes necessary to provide adequate poles and the estimated cost thereof to Customer. If Customer still desires to make the attachments, Company will replace such inadequate poles with suitable poles and Customer will, on demand, reimburse Company for the total cost of pole replacement necessary to accommodate Customer attachments, less the salvage value of any pole that is removed, and the expense of transferring Company's facilities from the old to the new poles. Where Customer desired attachments can be accommodated on present poles of Company by rearranging Company's facilities thereon, Customer will compensate Company for the full expense incurred in completing such rearrangements, within ten days after receipt of Company's invoice for such expense. Customer will also, on demand, reimburse the owner or owners of other facilities attached to said poles for any expense incurred by it or them in transferring or rearranging said facilities. In the event Customer makes an unauthorized attachment which necessitates rearrangements when discovered, then Customer shall pay on demand twice the expense incurred in completing such rearrangements.

6. MAINTENANCE AND OPERATION OF COMPANY'S FACILITIES

Company reserves to itself, its successors and assigns, the right to maintain its poles and to operate its facilities thereon in such manner as will, in its own judgment, best enable it to fulfill its electric service requirements, but in accordance with the specifications herein before referred to. Company shall not be liable to Customer for any interruption to service to

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: August 1, 2010

ISSUED BY: /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

**Issued by Authority of an Order of the
Public Service Commission in Case No.
2009-00548 dated July 30, 2010**

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.3

Standard Rate

CTAC

Cable Television Attachment Charges

Customer's subscribers or for interference with the operation of the cables, wires and appliances of Customer arising in any manner out of the use of Company's poles hereunder.

7. FRANCHISES AND EASEMENTS

Customer shall submit to Company evidence, satisfactory to Company, of Customer's authority to erect and maintain Customer's facilities within public streets, highways and other thoroughfares within the above described territory which is to be served and shall secure any necessary consent by way of franchise or other satisfactory license, permit or authority, acceptable to Company from State, County or municipal authorities or from the owners of property where necessary to construct and maintain facilities at the locations of poles of Company which it desires to use. Customer must secure its own easement rights on private property. Customer must, regardless of authority received or franchises given by governmental agencies, conform to all requirements of Terms and Conditions with regard to Company's property. Company's approval of attachments shall not constitute any representation or warranty by Company to Customer regarding Customer's right to occupy or use any public or private right-of-way.

8. INSPECTION OF FACILITIES

Company reserves the right to inspect each new installation of Customer on its poles and in the vicinity of its lines or appliances and to make periodic inspections, every two (2) years or more often as plant conditions warrant of the entire plant of Customer. Such inspections, made or not, shall not operate to relieve Customer of any responsibility, obligation or liability.

9. PRECAUTIONS TO AVOID FACILITY DAMAGE

Customer shall exercise precautions to avoid damage to facilities of Company and of others supported on said poles; and shall assume all responsibility of any and all loss for such damage caused by it. Customer shall make an immediate report to Company of the occurrence of any damage and shall reimburse Company for the expense incurred in making repairs.

10. INDEMNITIES AND INSURANCE

Customer shall defend, indemnify and save harmless Company from any and all damage, loss, claim, demand, suit, liability, penalty or forfeiture of every kind and nature-including but not limited to costs and expenses of defending against the same and payment of any settlement or judgment therefore, by reason of (a) injuries or deaths to persons, (b) damages to or destructions of properties, (c) pollutions, contaminations of or other adverse effects on the environment or (d) violations of governmental laws, regulations or orders whether suffered directly by Company itself or indirectly by reason of claims, demands or suits against it by third parties, resulting or alleged to have resulted from acts or omissions of Customer, its employees, agents, or other representatives or from their presence on the premises of Company, either solely or in concurrence with any alleged joint negligence of Company.

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: August 1, 2010

ISSUED BY: /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

**Issued by Authority of an Order of the
Public Service Commission in Case No.
2009-00548 dated July 30, 2010**

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.4

Standard Rate

CTAC

Cable Television Attachment Charges

Customer shall provide and maintain in an Insurance Company(s) authorized to do business in the Commonwealth of Kentucky, the following:

- (a) Insurance protection for Customer employees to the extent required by the Workmen's Compensation Law of Kentucky and, where same is not applicable or if necessary to provide a defense for Company, Employer's Liability Protection (covering both Company and Customer) for Customer employees for no less than \$100,000.00 per employee.
- (b) Public Liability and Business Liability insurance with a minimum limit of \$500,000.00 for each person injured and with a minimum total limit of \$1,000,000.00 for each accident and a minimum limit of \$100,000.00 for property damage for each accident.
- (c) Public Liability and Property Damage insurance on all automotive equipment used by Customer on job to the extent of the amounts for Public Liability and Property Damage insurance set out in the preceding Paragraph (b).
- (d) In the event that work covered by the Agreement includes work to be done in places or areas where the Maritime Laws are in effect, then and in that event additional insurance protection to the limits in Paragraph (b) above for liability arising out of said Maritime Laws.
- (e) In the event the work covers fixed wing aircraft, rotor lift, lighter than air aircraft or any other form of aircraft, appropriate insurance will be carried affording protection to the limits prescribed in the preceding Paragraph (b).
- (f) In the event the work covers blasting, explosives or operations underground, in trenches or other excavations, appropriate insurance will be carried affording protection to the limits prescribed in the preceding Paragraph (b), together with products hazard and completed operations insurance where applicable, affording protection to the limits above prescribed. Customer's liability insurance shall be written to eliminate XCU exclusions. Said insurance is to be kept in force for not less than one year after cancellation of the Agreement.

Before starting work, Customer shall furnish to Company a certificate(s) of insurance satisfactory to Company, evidencing the existence of the insurance required by the above provisions, and this insurance may not be canceled for any cause without sixty (60) days advance written notice being first given Company; provided, that failure of Company to require Customer to furnish any such certificate(s) shall not constitute a waiver by Company of Customer's obligation to maintain insurance as provided herein.

Each policy required hereunder shall contain a contractual endorsement written as follows: "The insurance provided herein shall also be for the benefit of Kentucky Utilities Company so to guarantee, within the policy limits, the performance by the named insured of the indemnity

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: August 1, 2010

ISSUED BY: /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.5

Standard Rate**CTAC
Cable Television Attachment Charges**

provisions of the Cable Television Attachment Agreement between the named insured and Kentucky Utilities Company. This insurance may not be canceled for any cause without sixty (60) days advance written notice being first given to Kentucky Utilities Company."

11. ATTACHMENT REMOVAL AND NOTICES

Customer may at any time voluntarily remove its attachments from any pole or poles of Company, but shall immediately give Company written notice of such removal on a form to be supplied by Company. No refund of any attachment charge will be due on account of such voluntary removal.

12. FORBIDDEN USE OF POLES

Prior to Customer's initial attachment, Company reserves the right due to engineering design requirements to refuse use by Customer of certain or specific poles or structures (such as normal transmission routes). Upon notice from Company to Customer that the use of any pole or poles is forbidden by municipal or other public authorities or by property owners, the permit covering the use of such pole or poles shall immediately terminate and Customer shall remove its facilities from the affected pole or poles at once. No refund of any attachment charge will be due on account of any removal resulting from such forbidden use.

13. NON-COMPLIANCE

If Customer shall fail to comply with any of the provisions of these Rules and Regulations or Terms and Conditions or default in any of its obligations under these Rules and Regulations or Terms and Conditions and shall fail within thirty (30) days after written notice from Company to correct such default or non-compliance, Company may, at its option, forthwith terminate the Agreement or the permit covering the poles as to which such default or non-compliance shall have occurred, by giving written notice to Customer of said termination. No refund of any rental will be due on account of such termination.

14. WAIVERS

Failure to enforce or insist upon compliance with any of these Rules and Regulations or Terms and Conditions or the Agreement shall not constitute a general waiver or relinquishment thereof, but the same shall be and remain at all times in full force and effect.

15. USE OF COMPANY'S FACILITIES BY OTHERS

Nothing herein contained shall be construed as affecting the rights or privileges previously conferred by Company, by contract or otherwise, to others, not parties to the Agreement, to use any poles covered by the Agreement; and Company shall have the right to continue and to extend such rights or privileges. The attachment privileges herein granted shall at all times be subject to such existing contracts and arrangements.

DATE OF ISSUE: July 10, 2015**DATE EFFECTIVE:** August 1, 2010**ISSUED BY:** /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

**Issued by Authority of an Order of the
Public Service Commission in Case No.
2009-00548 dated July 30, 2010**

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.6

Standard Rate

CTAC

Cable Television Attachment Charges**16. ASSIGNMENT**

Customer shall not assign, transfer or sublet the privileges hereby granted and/or provided in the Agreement without the prior consent in writing of Company.

17. PROPERTY RIGHTS

No use, however extended, of Company poles under the Agreement shall create or vest in Customer any ownership or property rights in said poles, but Customer shall be and remain a customer only. Nothing herein contained shall be construed to compel Company to maintain any of said poles for a period longer than demanded by its electric service requirements.

18. FAILURE TO PROCEED

Customer agrees to proceed as expeditiously as practical with the work of providing the television cable service to the area described in the Agreement. Within ninety (90) days from the date of the Agreement, Customer shall make progress reasonably satisfactory to Company in the installation of its facilities or shall demonstrate, to the reasonable satisfaction of Company, its ability to proceed expeditiously.

19. TERMINATION

Upon termination of the Agreement in accordance with any of its terms, Customer shall immediately remove its cables, wires and appliances from all poles of Company. If not removed, Company shall have the right to remove them at the cost and expense of Customer.

20. SECURITY

Customer shall furnish bond for the purposes hereinafter specified as follows:

- (a) during the period of Customer's initial installation of its facilities and at the time of any expansion involving more than seventy-five (75) poles, a bond in the amount of \$2,000 for each 100 poles (or fraction thereof) to which Customer intends to attach its facilities;
- (b) following the satisfactory completion of Customer's initial installation, the amount of bond shall be reduced to \$1,000 for each 100 poles (or fraction thereof);
- (c) after Customer has been a customer of Company pursuant to the Agreement and is not in default thereunder for a period of three years, the bond shall be reduced to \$500 for each 100 poles (or fraction thereof).
- (d) such bond shall contain the provision that it shall not be terminated prior to six (6) months' after receipt by Company of written notice of the desire of the bonding or insurance company to terminate such bond. This six (6) months' termination clause may be waived by Company if an acceptable replacement bond is received before the six (6) months has ended. Upon receipt of such termination notice, Company shall request Customer to immediately remove its cables, wires and all other facilities from all poles of Company. If

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: January 1, 2013

ISSUED BY: /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

Kentucky Utilities Company

P.S.C. No. 17, Original Sheet No. 40.7

Standard Rate**CTAC****Cable Television Attachment Charges**

Customer should fail to complete the removal of all of its facilities from the poles of Company within thirty (30) days after receipt of such request from Company, then Company shall have the right to remove them at the cost and expense of Customer and without being liable for any damage to Customer's wires, cables, fixtures or appurtenances. Such bond shall guarantee the payment of any sums which may become due to Company for rentals, inspections or work performed for the benefit of Customer under the Agreement, including the removal of attachments upon termination of the Agreement by any of its provisions.

- (e) Company in its sole discretion may agree in writing to accept other collateral (such as a cash deposit or an irrevocable bank letter of credit) in substitution for the bond required by, and subject to the other requirements of, this Section 20.

21. NOTICES

Any notice, or request, required by these Rules and Regulations or Terms and Conditions or the Agreement shall be deemed properly given if mailed, postage pre-paid, to Company, in the case of Company; or in the case of the Customer, to its representative designated in the Agreement. The designation of the person to be notified, and/or his address may be changed by Company or Customer at any time, or from time to time, by similar notice.

22. ADJUSTMENTS

Nothing contained herein or in any Agreement shall be construed as affecting in any way the right of Company, and Company shall at all times have the right, to unilaterally file with the Public Service Commission a change in rental charges for attachments to poles, other charges as provided for, any rule, regulation, condition or any other change required. Such change or changes to become effective upon approval of the Commission or applicable regulations or statutes, and shall constitute an amendment to the Agreement.

23. BINDING EFFECT

Subject to the provisions of Section 16 hereof, the Agreement and these Rules and Regulations or Terms and Conditions shall extend to and bind the successors and assigns of the parties hereto.

DATE OF ISSUE: July 10, 2015

DATE EFFECTIVE: January 1, 2013

ISSUED BY: /s/ Edwin R. Staton, Vice President
State Regulation and Rates
Lexington, Kentucky

**Issued by Authority of an Order of the
Public Service Commission in Case No.
2012-00221 dated December 20, 2012**

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 49

Responding Witness: Robert M. Conroy

Q-49. Has KU (or someone on its behalf) ever conducted a cost-of-service study on street lighting classifications previous to the cost-of-service study produced in this case? If so, please produce a copy of the last two studies that were prepared on KU's street lighting classifications.

A-49. No.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 50

Responding Witness: John K. Wolfe / Daniel K. Arbough / William S. Seelye

- Q-50. Please refer to the Excel workbook named "Att_KU_PSC_1-54_KULights.xlsx" that was filed in response to Item 54 of the Commission Staff's first request for information.
- a. Please identify how KU determined each of the prices for each specific item of material for each type of lighting offering. If KU relied on pricing from contractors or other third parties, identify each contractor or third party that provided pricing information and the specific information that each contractor or third party provided.
 - b. Provide all documentation in KU's possession, custody, or control that relates to the prices for materials identified in this spreadsheet.
 - c. Explain why cost for materials on fixture-only rates is higher for KU than LG&E. For example, on the High Pressure Sodium, Cobrahead Fixture, 5800 Lumens, the rates for fixture only are based on materials for the fixtures costing \$283.60 for KU and only \$204.21 for LG&E.
 - d. Please explain how KU determined each component of the labor expense for each type of lighting offering.
 - e. Please explain what a "burden rate" is.
 - f. Please explain how KU calculated that a burden rate of 32.5% should be applied to materials and 14.5% should be applied to labor.
 - g. Please identify who determined that the burden rates of 32.5% for materials and 14.5% for labor were appropriate for use in calculating KU's proposed rates.
 - h. There are references in multiple worksheets that "Burden %'s are linked to Mike Woods data spreadsheet." Please provide a copy of the "Mike Woods data spreadsheet" or identify where it has previously been produced.

- i. William Seelye stated in his testimony that the carrying charge for lighting included depreciation expenses, return on investment, income taxes and property taxes. Please provide a detailed calculation for the figure of 16.27% that KU has applied to the estimated investment per street lighting unit to include in annual rates for street lighting.
 - j. Please explain why KU believes that it is appropriate to include 16.27% of the estimated investment per street lighting unit in annual rates for street lighting.
 - k. On the worksheet entitled “KU RATE SUMMARY,” the figure of 16.27% is listed under the column heading “carry charge.” Please explain whether the 16.27% is appropriately considered a carrying charge.
 - l. Please state whether the estimated investment per unit represents average depreciated value of units in service or the cost of a new unit.
 - m. Please describe the formula for how the operation and maintenance component is calculated for rates in the LS and RLS classifications.
 - n. If the operation and maintenance component includes \$38.76 in labor costs, explain why this is a reasonable expense to include in rates when the average cost to replace a lamp by Wilhod, Inc., and Reed Utilities ranges from \$24.50 to \$30.50.
 - o. Please identify each cost component of the operation and maintenance expense that is included in the rates for the LED street lights.
- A-50.
- a. KU used current sourcing prices for ordering materials through its contracted supplier, Brownstown Electric Supply for all materials.
 - b. See attached.
 - c. The majority of the differential comes from where KU calculates the cost of brackets on an average cost basis which includes brackets not in use by LG&E in their calculation; KU uses 10’, 12’, and 15’ brackets not included in the quote for LG&E.
 - d. Labor expense is determined by the typical times experienced to install the listed material offering at the current labor rate.
 - e. Burden rates are KU’s percentage calculation of expense applied to the labor, material, and outside services to recover and spread the actual costs for engineering, general and administrative expense, and storeroom expense.

- f. Materials receive a burden rate that includes storeroom expense, general and administrative expense, and local engineering expense. Other costs on the capital projects incur a burden that includes general and administrative and local engineering costs.
- g. The Company's Forecasting and Budgeting and Regulatory Accounting departments calculate the burden rates.
- h. The "Mike Woods data spreadsheet" is wholly incorporated into the spreadsheet referenced "Att_KU_PSC_1-54_KULights.xlsx" included as an attachment to the response to PSC 1-54.
- i. See attached.
- j. The 16.27% figure represents the carrying charge for lights. Carrying charges include the depreciation expenses, return on investment, income taxes, and property taxes for the lights. These are standard elements included in revenue requirements.
- k. Yes.
- l. In the Company's class cost of service studies, the revenue requirements for the lighting rates (Rates LS and RLS) were determined based on fully depreciated costs. Therefore, the revenue increase allocated to lighting rates reflected revenue requirements based on fully depreciated costs. Exhibit WSS-4 was not used to determine the revenue requirement for the class but rather to allocate the revenue requirement for Rates LS and RLS to the individual lights. WSS-4 is calculated based on the current cost of a new light (i.e., based on marginal costs) and thus does not include accumulated depreciation in the determination of the carrying costs used to allocate the class revenue requirements to individual lighting rates. The reason this procedure was used is that accounting records are not maintained for each individual type of light; therefore, a revenue requirement reflective of fully-depreciated book costs cannot be determined for each lighting type. Thus, to establish charges that reflect the relative costs between the individual lighting types, the total revenue requirement for the lighting class (based on depreciated costs) was allocated to the individual lighting types based on marginal costs.
- m. Operation and maintenance expenses include the cost of replacing bulbs and photocells, including associated labor expenses.
- n. Typical lamp replacement on street lights are performed by KU personnel and the operation and maintenance component reflects that labor cost. Wilhod, Inc. and Reed Utilities are contracted to replace/install entire structures including

poles and underground service conductors requiring conduit and do not maintenance individual lamp replacement for KU.

- o. Operation and maintenance expenses include the cost of replacing the LED fixture and photocells, including associated labor expenses.

Num	Item	Description	UOM	Price	Supplier Item
1	384419	LUMINAIRE,CONTEMPARY,HPS,400W,AUTO REG,TYPE III,120V,F	EACH	281.78	384419
2	384427	LUMINAIRE,CONTEMPARY,HPS,250W,AUTO REG,TYPE III,120V,P	EACH	281.78	384427
4	454278	LUMINAIRE,CONTEMPARY,HPS,400W,AUTO REG,480V,TYPE III,P	EACH	282.88	454278
6	454535	CONNECTOR,#10-350 MCM,6 POSITION,SET SCREW,INSULATED,	EACH	10.54	PED6-350SSP
8	474735	LUMINAIRE,COLONIAL,HPS,150W,120V,16000 LUMENS,TYPE V,V	EACH	121.06	474735
12	511235	LUMINAIRE,COBRA,HPS,150W,120V,16000 LUMENS,TYPE II,NPF,	EACH	76.43	511235
14	511751	LUMINAIRE,ACORN,HPS,150W,120V,TYPE V,NPF,W/9" TRADITIO	EACH	241.64	511751
16	511794	LUMINAIRE,ACORN,HPS,100W,120V,TYPE V,NPF,W/ 9" TRADITIC	EACH	239.32	511794
18	512419	PIN,TERMINAL,COMPRESSION,1/0 CU/AL,.840 DIE,6" LONG PIN,	EACH	3.15	X5U10-6
19	515451	PLATE,GROUNDING,POLE BUTT,7.5" DIA.,COPPER,#8-#2 WIRE,SE	EACH	4.36	GP100, UGP44
21	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK B	EACH	166.86	908443
22	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BF	EACH	141.08	908451
24	929327	CONNECTOR,TRANSF.,URD SEC.,SET SCREW,Z BAR TYPE,#1/0 TO	EACH	34.21	ZBT4047DSC
25	929335	CONNECTOR,TRANSF.,URD SEC.,SET SCREW,Z BAR TYPE,#1/0 TO	EACH	21.98	ZBT2027DSC
30	930619	PIN,TERMINAL,COMPRESSION,#2 CU/AL,.5/8" DIE,6" LONG PIN,	EACH	3.15	U5U2-6
33	930960	CLAMP,DEADEND,AUTO WEDGE,AL/CU,#4-4/0 AL/CU/ACSR/AA	EACH	16.51	GDW-2040
36	932078	CLEANER,CABLE,USED IN CONFINED SPACES,TANDEM PACK,1-5"	EACH	0.93	HP-P-158ID
37	934919	ELBOW,LOADBREAK,#1/0 CU/AL,175/220M,14.4KV PHASE TO PH	EACH	30.52	215LEJ45T
39	934935	ELBOW,LOADBREAK,#2 CU/AL,175/220M,14.4KV PHASE TO PHA	EACH	30.52	215LEJ43T
40	938460	CABLE,600V,UG,4/0-4/0-4/0-2/0,4/C AL,QUADRUPLEX,XLP,WAKI	FOOT	2.04	WAKEFORREST
41	938478	CABLE,600V/UG,350-350-350-4/0,4/C AAC QUADRUPLEX,XLPE,S	FOOT	3.31	SLIPPERYROCK
42	938560	PEDESTAL,UG,SECONDARY,NON-METALLIC,WITH TEMP. SERVICE	EACH	76.83	938560
44	1186143	LUMINAIRE,COBRA,HPS,150W,120V,16000 LUMENS,TYPE II,NPF,	EACH	72.74	11515SRN120R2DGOP
45	1186151	LUMINAIRE,COBRA,HPS,250W,120V,AUTO-REG,27500 LUMENS,	EACH	100.56	11525SXH120R3DGOP
49	1186494	LUMINAIRE,FLOOD,HPS,150W,120V,16000 LUMENS,6X6,NPF,PEI	EACH	147.21	PF1S15S1N26X6DBLP
52	1192994	CABLE,UG,15KV,1/0 AAC,175MIL,33%JCN PARALLEL,19 STR COM	FOOT	4.39	1192994
55	1244451	SPLICE,KIT,15KV,MOLDED,#1/0 AL OR CU,175/220 MIL,JCN & CN	EACH	20.17	5411-C1-1/0
56	1251843	BELT,SAND,150 GRIT,2" X 50 YDS,ALUM OXIDE STANDARD PKG. C	EACH	37.34	1251843
58	1566794	CABLE,UG,15KV,1/0 AAC,175MIL,100%JCN,19 STR COMPRESSED	FOOT	1.96	1566794
59	7000101	CROSSARM,WOOD,FIR,3 3/4" X 4 3/4" X 8',BORED TO STANDARE	EACH	31.22	8'-LGE/KU-CROSSAR
60	7000102	CROSSARM,WOOD,FIR,3 3/4" X 4 3/4" X 10',BORED TO STANDAF	EACH	39.34	10'-LGE/KU-CROSSA
64	7000156	GAIN,BRACELESS,CROSSARM,SINGLE ARM	EACH	23.17	PX182A
66	7000172	ARRESTER,DISTRIBUTION,UG,ELBOW,10KV,MOV,POLYMER,8.4KV	EACH	57.31	215ELA10
67	7000173	ARRESTER,DISTRIBUTION,OH,9KV,HEAVY-DUTY,MOV,POLYMER,;	EACH	26.91	7000173-KU-ARREST
68	7000205	BOLT,CARRIAGE,1/2" X 6",GALV STL,W/SQ SHOULDER & SQ NUT	EACH	0.97	J8646
69	7000206	BOLT,CARRIAGE,3/8" X 4-1/2",GALV STL,W/SQ SHOULDER & SQ	EACH	0.46	8634 1/2
70	7000209	BOLT,DOUBLE ARM,5/8" X 16",ALL THREAD,GALV,W/4 SQ NUTS,S	EACH	2.3	DABOLT5816
71	7000210	BOLT,DBL ARM,5/8" X 18",ALL THREAD,GALV W/4 SQ NUTS,STD P	EACH	2.37	DABOLT5818
72	7000211	BOLT,DBL ARM,5/8" X 20",ALL THREAD,GALV W/4 SQ NUTS,STD P	EACH	2.59	DABOLT5820
73	7000212	BOLT,DBL ARM,5/8" X 22",ALL THREAD,GALV W/4 SQ NUTS,STD P	EACH	2.72	DABOLT5822
74	7000213	BOLT,DBL ARM,5/8" X 24",ALL THREAD,GALV W/4 SQ NUTS,STD P	EACH	2.91	DABOLT5824
75	7000214	BOLT,DBL ARM,5/8" X 26",ALL THREAD,GALV W/4 SQ NUTS,STD P	EACH	3.23	DABOLT5826
76	7000215	BOLT,DBL ARM,5/8" X 28",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	3.62	DABOLT5828
77	7000216	BOLT,DBL ARM,5/8" X 30",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	3.95	DABOLT5830
78	7000217	BOLT,DBL ARM,3/4" X 16",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	3.34	DABOLT3416
79	7000218	BOLT,DBL ARM,3/4" X 18",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	3.65	DABOLT3418
80	7000219	BOLT,DBL ARM,3/4" X 20",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	4.02	DABOLT3420
81	7000220	BOLT,DBL ARM,3/4" X 22",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	4.7	DABOLT3422
82	7000221	BOLT,DBL ARM,3/4" X 24",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	4.9	DABOLT3424
83	7000222	BOLT,DBL ARM,3/4" X 26",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	5.22	DABOLT3426
84	7000238	BOLT,EYE,OVVAL,5/8" X 10",GALV,W/SQ NUT STD PKG = 25	EACH	2.84	EB5810
85	7000239	BOLT,EYE,OVVAL,5/8" X 12",GALV,W/SQ NUT STD PKG = 25	EACH	2.97	EB5812
86	7000240	BOLT,EYE,OVVAL,5/8" X 14",GALV,W/SQ NUT STD PKG = 25	EACH	3.26	EB5814
87	7000248	BOLT,MACH,SQ HD,1/2" X 6",GALV,W/SQ NUT (50 PER BOX)	EACH	0.73	MB1206
88	7000249	BOLT,MACH,SQ HD,1/2" X 7",GALV,W/SQ NUT STD PKG = 100	EACH	0.83	MB1207
89	7000250	BOLT,MACHINE,SQUARE HEAD,1/2" X 8",GALV,W/SQ NUT	EACH	0.86	MB1208
90	7000251	BOLT,MACHINE,SQ HD,1/2" X 10",GALV,W/SQ NUT STD PKG = 10	EACH	1.07	MB1210
91	7000252	BOLT,MACH,SQ HD,1/2" X 12",GALV,W/SQ NUT STD PKG = 100	EACH	1.09	MB1212
92	7000255	BOLT,MACHINE,SQ HD,5/8" X 6",GALV STL,W/SQ NUT	EACH	0.96	MB5806
93	7000257	BOLT,MACHINE,SQ HD,5/8" X 8",GALV STL,W/SQ NUT	EACH	0.98	MB5808
94	7000258	BOLT,MACHINE,SQ HD,5/8" X 10",GALV,W/SQ NUT	EACH	0.95	MB5810

95	7000259	BOLT,MACHINE,SQ HD,5/8"X 12",GALV,W/SQ NUT	EACH	1.05	MB5812
96	7000260	BOLT,MACHINE,SQ HD,5/8"X 14",GALV,W/SQ NUT	EACH	1.23	MB5814
97	7000261	BOLT,MACHINE,SQ HD,5/8"X 16",GALV,W/SQ NUT	EACH	1.45	MB5816
98	7000262	BOLT,MACHINE,SQ HD,5/8"X 18",GALV,W/SQ NUT	EACH	1.68	MB5818
99	7000263	BOLT,MACHINE,SQ HD,5/8"X 20",GALV,W/SQ NUT	EACH	2.36	MB5820
100	7000264	BOLT,MACH,SQ HD,5/8"X 22",GALV,W/SQ NUT STD PKG = 25	EACH	2.51	MB5822
101	7000267	BOLT,MACHINE,SQ HD,3/4"X 8",GALV STL,W/SQ NUT	EACH	1.95	MB3408
102	7000268	BOLT,MACHINE,SQ HD,3/4"X 10",GALV,W/SQ NUT	EACH	2.13	MB3410
103	7000269	BOLT,MACHINE,SQ HD,3/4"X 12",GALV,W/SQ NUT	EACH	2.14	MB3412
104	7000270	BOLT,MACHINE,SQ HD,3/4"X 14",GALV,W/SQ NUT	EACH	2.23	MB3414
105	7000271	BOLT,MACHINE,SQ HD,3/4"X 16",GALV,W/SQ NUT	EACH	2.54	MB3416
106	7000272	BOLT,MACHINE,SQ HD,3/4"X 18",GALV,W/SQ NUT	EACH	3.35	MB3418
107	7000273	BOLT,MACHINE,SQ HD,3/4"X 20",GALV,W/SQ NUT	EACH	3.62	MB3420
108	7000274	BOLT,MACHINE,SQ HD,3/4"X 22",GALV STL,W/SQ NUT/STD PKG	EACH	4.04	MB3422
109	7000278	BOLT,MACH,SQ HD,7/8"X 12",GALV,W/SQ NUT STD PKG = 25	EACH	5.45	MB7812
110	7000282	BOLT,MACH,SQ HD,7/8"X 20",GALV,W/SQ NUT	EACH	4.67	MB7820
111	7000283	BOLT,MACHINE,SQ HD,7/8"X 22",GALV STL,W/SQ NUT	EACH	4.77	MB7822
112	7000301	BOLT,MACHINE,3/4"X 3",GALV STL,NUT/COTTER KEY	EACH	2.96	B73D-1-3/4
113	7000302	BOLT,MACHINE,1/2",1-1/2",SS,SILICON BRONZE NUT,2 FLAT & 1	EACH	1.59	SBS000302
114	7000303	BOLT,MACHINE,1/2",2",SS,SILICON BRONZE NUT,2 FLAT & 1 BEL	EACH	1.79	SBS000303
115	7000304	BOLT,MACHINE,1/2",2-1/2",SS,SILICON BRONZE NUT,2 FLAT & 1	EACH	1.88	SBS000304
116	7000305	BOLT,MACHINE,1/2",3",SS,SILICON BRONZE NUT,2 FLAT & 1 BEL	EACH	1.96	SBS000305
117	7000308	BOLT,THIMBLE EYE,5/8",10",GALV STL,STRAIGHT,W/SQ NUT,STD	EACH	4.09	J8051
118	7000309	BOLT,THIMBLE EYE,5/8",12",GALV STL,STRAIGHT,W/SQ NUT,STD	EACH	4.33	J8052
120	7000321	NUT,BOLT,5/8",GALV STL,11	EACH	0.23	J8563
121	7000337	WASHER,FLAT,SQUARE,2-1/4" X 2-1/4" X 3/16",FOR 5/8" BOLT,C	EACH	0.24	J1075
122	7000339	WASHER,CURVED,SQUARE,3" X 3" X 1/4",GALV,FOR 5/8" BOLT,S	EACH	0.76	J6823
123	7000340	WASHER,CURVED,SQUARE,4" X 4" X 1/4",FOR 7/8" BOLT	EACH	1.44	1/2/6809
125	7000343	WASHER,BOLT,ROUND,1-3/8"OD,FOR 1/2" BOLT,12 GAUGE,GAL	EACH	0.11	J1086
126	7000344	WASHER,BOLT,ROUND,1-3/4"OD,FOR 5/8" BOLT,10 GAUGE,GAL	EACH	0.19	J1088
129	7000355	LOCKNUT,BOLT,SQUARE MF,1/2",GALV STL	EACH	0.23	J8582
130	7000356	LOCKNUT,BOLT,SQUARE MF,5/8",GALV STL	EACH	0.2	J8583
131	7000357	LOCKNUT,BOLT,SQUARE MF,3/4",GALV STL	EACH	0.39	J8584
132	7000358	LOCKNUT,BOLT,SQUARE MF,7/8",GALV STL	EACH	0.64	J8584-1/2
134	7000369	CONDUCTOR,OH WIRE,397,ACSR/BARE,18/1,CHICKADEE	POUND	1.42	Chickadee-NRR
137	7000377	CONDUCTOR,OH WIRE,2,ACSR/BARE,6/1,SPARROW	POUND	1.36	Sparrow-NRR
140	7000384	CONDUCTOR,OH WIRE,6,CU,BARE,SD,SOLID,25 LB SPOOL (315'),	POUND	3.48	6-SD-CU-SPL
141	7000388	CONDUCTOR,OH WIRE,1,CU-SD,XLPE INSULATION,90 DEGREES C	POUND	4.24	7000388
142	7000390	CONDUCTOR,OH WIRE,1,CU-SD/BARE,19 STRAND	POUND	3.92	7000390
143	7000392	CONDUCTOR,#4,SOLID,SD CU,XLPE INSULATED,90-DEG C RATED	POUND	3.55	
145	7000398	CONDUCTOR,OH WIRE,2/0,ACSR/BARE,6/1,QUAIL	POUND	1.38	Quail-NRR
148	7000401	CONDUCTOR,OH WIRE,500,CU-SD,XLPE,80 MIL,90-DEG C RATED,	POUND	3.9	7000401
149	7000403	CONDUCTOR,OH WIRE,300,CU-SD,XLPE INSULATION,90DEGREES	POUND	4.1	7000403
152	7000407	CABLE,OH,QUADRUPLX,2/0 AL W/ #2 ACSR NEUTRAL,XLP,500' F	FOOT	1.26	7000407
153	7000409	CABLE,OH,QUADRUPLX,397 AL W/ 266 ACSR NEUTRAL,XLP,500	FOOT	3.25	7000409
154	7000410	CABLE,OH,TRIPLEX,#2/0 AL W/#2 ACSR NEUTRAL,XLP,500' REEL	FOOT	0.9	7000410
155	7000412	CABLE,OH,TRIPLEX,397AL,XLP,500' REEL	FOOT	2.59	7000412
156	7000414	CABLE,OH,DUPLX,#4 AL W/#4 ACSR NEUTRAL,XLP,TERRIER,500'	FOOT	0.22	Terrier-CL-XLP
157	7000416	CABLE,OH,TRIPLEX,#2 AL W/ #4 ACSR NEUTRAL,XLP,500' COIL	FOOT	0.41	Cockle-CL-XLP
158	7000417	CONNECTOR,COMPRESSION,TAP-ST LTS-1 SLOT,AL,6-4:12	EACH	0.31	WR9
159	7000418	CONNECTOR,COMPRESSION,TAP-ST LTS-2 SLOT,AL,4-2:12	EACH	0.6	WR139
160	7000420	CONNECTOR,COMPRESSION,TAP,AL,4-2:4-2A,6-4-1STR	EACH	0.37	WR159
161	7000421	CONNECTOR,COMPRESSION,TAP,AL,2:4-2A,6-4-1STR	EACH	0.37	WR189
162	7000422	CONNECTOR,COMPRESSION,TAP,AL,2/0:4-2A,6-4-1STR	EACH	0.64	WR289
163	7000423	CONNECTOR,COMPRESSION,TAP,AL,2/0:2/0A,2/0STR	EACH	0.62	WR279
164	7000424	CONNECTOR,COMPRESSION,TAP,AL,NO STD A:A,4-2:4/0STR	EACH	0.66	WR379
165	7000425	CONNECTOR,COMPRESSION,TAP,AL,NO STD A:A,2/0:4/0STR	EACH	0.77	WR399
166	7000428	CONNECTOR,COMPRESSION,TAP,AL,266-397:4A,6-4CU	EACH	3.18	WR699
167	7000429	CONNECTOR,COMPRESSION,TAP,AL,266-397:2-2/0A,1-2/0C	EACH	3.24	WR719
168	7000430	CONNECTOR,COMPRESSION,TAP,AL,266-397:2/0,2/0-4/0CU	EACH	3.18	WR739
169	7000432	CONNECTOR,COMPRESSION,TAP,AL,266-397:266-397A,300C	EACH	3.83	WR779
170	7000435	CONNECTOR,COMPRESSION,TAP,AL,397:397A,4/0-500CU,AL	EACH	3.34	WR885

171	7000438	CONNECTOR,COMPRESSION,TAP,AL,795:2/0-266A,2/0-300C	EACH	15.43	WR949
172	7000439	CONNECTOR,COMPRESSION,TAP,AL,795:397A,500CU	EACH	11.82	606-82
173	7000441	CONNECTOR,COMPRESSION,TAP,AL,795:795A,750-1000CU	EACH	11.75	607-82
174	7000449	CONNECTOR,COMPRESSION,TAP,AL,266-397:397A,500CU	EACH	2.62	489-82
175	7000455	CONNECTOR,COMPRESSION,TAP,AL,266-397:266A,300CU	EACH	3.64	WR775
176	7000462	CONNECTOR,COMPRESSION,TAP,AL,266-397:2A,1CU	EACH	3.89	491-82
177	7000470	CONNECTOR,COMPRESSION,STIRRUP,266.8-397.5 ACSR,AL	EACH	14.6	WRQ-698
178	7000471	CONNECTOR,COMPRESSION,STIRRUP,2 TO 2/0 ACSR	EACH	6.06	QCO-21
179	7000472	CONNECTOR,COMPRESSION,TPX NEU SPLICE SLEEVE,4 ACSR	EACH	1.25	TR63
180	7000473	CONNECTOR,COMPRESSION,TPX NEU SPLICE SLEEVE,2 ACSR	EACH	1.23	TR64
193	7000518	CONNECTOR,COMPRESSION,TAP,1:6-4,CU	EACH	2.19	304-82
194	7000520	CONNECTOR,COMPRESSION,TAP,2/0-4/0:2/0-4/0,CU	EACH	3.22	CF4040-1
195	7000524	CONNECTOR,COMPRESSION,TAP,2/0-4/0:6-4,CU	EACH	4.12	309-82
196	7000525	CONNECTOR,COMPRESSION,TAP,1:1,CU	EACH	1.79	CF1010-1
197	7000526	CONNECTOR,COMPRESSION,TAP,8-6-4:8-6-4,CU	EACH	1.15	301-82
198	7000531	CONNECTOR,COMPRESSION,SERVICE,INS,2A:2STR,RED:RED	EACH	0.41	ICS73-1
199	7000533	CONNECTOR,COMPRESSION,SERVICE,INS,4A:6STR,ORANGE:BLUI	EACH	0.41	ICS67-1
200	7000534	CONNECTOR,COMPRESSION,SERVICE,INS,4A:4STR,ORANGE:ORA	EACH	0.41	ICS68-1
201	7000535	CONNECTOR,COMPRESSION,SERVICE,INS,2A:4STR,RED:ORANGE	EACH	0.41	ICS72-1
202	7000536	CONNECTOR,COMPRESSION,SERVICE,INS,2A:6STR,RED:BLUE	EACH	0.41	ICS71-1
203	7000541	CONNECTOR,COMPRESSION,SERVICE,BARE,2A:2STR,RED:RED	EACH	0.31	CS73
204	7000544	CONNECTOR,COMPRESSION,SERVICE,BARE,4A:4STR,ORANGE:OF	EACH	0.31	CS68
206	7000548	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,4/0,AL	EACH	2.61	ALS-12
207	7000551	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,350/397A,AL	EACH	5.44	ALS-20
208	7000553	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,397/500,AL	EACH	8.77	ALS-24
209	7000559	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,300-350/266A	EACH	5.4	ALS-18
210	7000560	CONNECTOR,COMPRESSION,1 HOLE TERMINAL,4/0,AL	EACH	2.55	ALS-11
211	7000561	CONNECTOR,COMPRESSION,1 HOLE TERMINAL,2/0,AL	EACH	2.06	ALS-7
214	7000591	CLAMP,HOT LINE,8-2/0,CU	EACH	6.76	C1520
215	7000595	CONNECTOR,BOLTED,2 BOLT,2/0:4-2/0 CU,BRZ	EACH	6.92	2B20W
216	7000596	CONNECTOR,BOLTED,2 BOLT,2/0-4/0:4-4/0 CU,BRZ	EACH	6.51	2B40W
217	7000597	CONNECTOR,BOLTED,2 BOLT,4/0-300:4-300 CU,BRZ	EACH	11.56	2B350W
218	7000598	CONNECTOR,BOLTED,2 BOLT,4/0-500:4-500 CU,BRZ	EACH	15.71	KR5
219	7000601	CONNECTOR,BOLTED,2 BOLT,450-1000:1/0-1000,BRZ	EACH	30.61	KR7
220	7000602	CLAMP,GROUND,TRANSFORMER TANK,BRZ,#8SLD TO 2/0 STR,1/	EACH	2.62	TTC-2
221	7000612	CONNECTOR,BOLTED,TAP LUG,2-350,2-3/4 BOLT,BRZ,1	EACH	6.57	TLS-52
222	7000614	CONNECTOR,BOLTED,TAP LUG,6-250,3-1/8 BOLT,BRZ,1	EACH	5.59	TLS-42-L
229	7000660	CONDUIT,PVC,4"X10',SCH 80,LONG BELL END,GREY	FOOT	2.35	PVC-COND-4X10-80
230	7000661	CONDUIT,PVC,3"X10',SCH 80,LONG BELL END,GREY	FOOT	1.52	PVC-COND-3X10-80
231	7000662	CONDUIT,PVC,2-1/2"X10',SCH 80,LONG BELL END,GREY	FOOT	1.22	PVC-COND-2.5X10-80
232	7000663	CONDUIT,PVC,2"X10',SCH 80,LONG BELL END,GREY	FOOT	0.82	PVC-COND-2X10-80
233	7000664	CONDUIT,PVC,1-1/2"X10',SCH 80,LONG BELL END,GREY	FOOT	0.61	PVC-COND-1.5X10-80
234	7000665	CONDUIT,PVC,1"X10',SCH 80,LONG BELL END,GREY	FOOT	0.42	PVC-COND-1X10-80
235	7000666	CONDUIT,PVC,6"X10',SCH 40,LONG BELL END,GREY	FOOT	2.7	PVC-COND-6X10-40
236	7000668	CONDUIT,PVC,4"X10',SCH 40,LONG BELL END,GREY	FOOT	1.48	PVC-COND-4X10-40
237	7000669	CONDUIT,PVC,3"X10',SCH 40,LONG BELL END,GREY	FOOT	1.06	PVC-COND-3X10-40
238	7000670	CONDUIT,PVC,2-1/2"X10',SCH 40,LONG BELL END,GREY	FOOT	0.88	PVC-COND-2.5X10-40
239	7000671	CONDUIT,PVC,2"X10',SCH 40,LONG BELL END,GREY	FOOT	0.55	PVC-COND-2X10-40
240	7000672	CONDUIT,PVC,1-1/2"X10',SCH 40,LONG BELL END,GREY	FOOT	0.48	PVC-COND-1.5X10-40
241	7000673	CONDUIT,PVC,1-1/4"X10',SCH 40,LONG BELL END,GREY	FOOT	0.4	PVC-COND-1.25X10-40
242	7000674	CONDUIT,PVC,1"X10',SCH 40,LONG BELL END,GREY	FOOT	0.3	PVC-COND-1X10-40
243	7000708	FUSE,SECONDARY,TUBULAR FLAG,120/240V,30A	EACH	6.51	8320
244	7000710	FUSE,LINK,D,1A,REMOVABLE BUTTONHEAD	EACH	6.74	FL3D1
245	7000711	FUSE,LINK,D,2A,REMOVABLE BUTTONHEAD	EACH	5.25	FL3D2
246	7000712	FUSE,LINK,D,3A,REMOVABLE BUTTONHEAD	EACH	5.93	FL3D3
247	7000713	FUSE,LINK,D,5A,REMOVABLE BUTTONHEAD	EACH	5.25	FL3D5
248	7000714	FUSE,LINK,D,7A,REMOVABLE BUTTONHEAD	EACH	5.94	FL3D7
249	7000715	FUSE,LINK,D,10A,REMOVABLE BUTTONHEAD	EACH	5.73	FL3D10
250	7000716	FUSE,LINK,D,15A,REMOVABLE BUTTONHEAD	EACH	5.94	FL3D15
251	7000717	FUSE,TYPE QA,20A,BUTTON HEAD	EACH	3.22	6420-2T
252	7000718	FUSE,TYPE QA,25A,BUTTON HEAD	EACH	3.27	6421-2T
253	7000719	FUSE,TYPE QA,30A,BUTTON HEAD	EACH	3.29	6422-2T

254	7000720	FUSE,TYPE QA,40A,BUTTON HEAD	EACH	3.56	6423-2T
255	7000721	FUSE,TYPE QA,50A,BUTTON HEAD	EACH	3.43	6424-2T
256	7000722	FUSE,TYPE QA,60A,BUTTON HEAD	EACH	4.62	6425-2T
257	7000723	FUSE,TYPE QA,75A,BUTTON HEAD	EACH	5.09	6426-2T
258	7000724	FUSE,TYPE QA,100A,BUTTON HEAD	EACH	6.3	6427-2T
259	7000725	FUSE,TYPE QA,125A,1" BUTTON HEAD	EACH	10.18	6428-2T
260	7000726	FUSE,TYPE QA,150A,1" BUTTON HEAD	EACH	15.41	6429-2T
261	7000727	FUSE,TYPE QA,175A,BUTTON HEAD	EACH	22.58	6724-2T
262	7000728	FUSE,TYPE QA,200A,BUTTON HEAD	EACH	20.51	6725-2T
265	7000734	FUSE,BAY-O-NET,15A,DUAL SENSING	EACH	10.35	4000358C08B
266	7000735	FUSE,BAY-O-NET,25A,DUAL SENSING	EACH	10.35	4000358C10B
267	7000736	FUSE,BAY-O-NET,50A,DUAL SENSING	EACH	10.35	4000358C12B
268	7000737	FUSE,BAY-O-NET,65A,DUAL SENSING	EACH	16.63	4000358C14B
269	7000789	ANCHOR,EXPANSION,10",8 WAY,20000 LB,STEEL	EACH	25.77	1082-3/4
270	7000791	ANCHOR,EARTH,EXPANSION,8",10000 LB,8 WAY,STEEL,5/8" OR	EACH	10.82	88135
271	7000792	ANCHOR,ROCK,53" ROD,EXPANDING,23000 LB,GALV	EACH	28.67	R353
272	7000793	ANCHOR,ROCK,84" ROD,EXPANDING,23000 LB,GALV	EACH	36	R384
274	7000796	INSULATOR,GUY,STRAIN,5 1/2",20,000#,GRAY,PORCELAIN,ANSI	EACH	2.66	INSULATOR-GUY-54-3
275	7000797	WIRE,GUY,3/8",EXTRA HIGH STRENGTH,STEEL,TYPE B	FOOT	0.33	3/8-EHS-GUY
276	7000798	WIRE,GUY,7/16",EXTRA HIGH STRENGTH STEEL,TYPE B	FOOT	0.48	7/16-EHS-GUY
277	7000799	LINK\CONNECTING-T:OFFSET,EYE/EYE:1/4"X2"X9-1/2":GALV STL	EACH	3.03	3152
278	7000804	ROLLER,GUY,15/16" HOLE,STEEL	EACH	2.73	28082
280	7000808	ROD,ANCHOR,TWIN EYE,1"X8F,GALV STL	EACH	34.84	5368
281	7000811	ROD,ANCHOR,TWIN EYE,3/4"X8F,GALV STL	EACH	17.68	5358
282	7000812	ROD,ANCHOR,TRIPLE EYE,3/4"X8F,GALV STL	EACH	20.23	J7328
283	7000814	ROD,ANCHOR,TWIN EYE,3/4"X7F,GALV STL	EACH	18.56	J7527
284	7000815	ROD,ANCHOR,TRIPLE EYE,3/4"X7F,GALV STL	EACH	19.24	7557
285	7000817	ROD,ANCHOR,TWIN EYE,5/8" X 8',GALV STEEL	EACH	16.4	ANCHOR-ROD-B-D-8X58
286	7000820	ROD,ANCHOR,TWIN EYE,5/8"X7F,GALV STL	EACH	12.44	5347
288	7000823	ROD,ANCHOR,TWIN EYE,5/8"X6F,GALV STL	EACH	12.01	J7516
289	7000826	SPREADER,GUY,SIDEWALK,GUY PIPE END,2",PIPE,GALV STEEL	EACH	16.42	502
290	7000828	PROTECTOR,GUY,8FT,YELLOW,HDPE,CLAMP TYPE 3/8"-5/8" GUY	EACH	3.15	70-7Y
291	7000829	GRIP,GUY,PREFORMED,3/8",GALV STL	EACH	2.32	GDE-1107
292	7000830	GRIP,GUY,PREFORMED,7/16",GREEN,GALV STL	EACH	4.06	GDE-1108
293	7000831	ATTACHMENT,GUY,GALV,5/8"	EACH	3.66	P134AXW
294	7000833	BAND,POLE,6,000#,7.5" TO 12" POLE,4 SECTION,EACH=SET,SET=	EACH	36.66	J6644
295	7000834	BAND,POLE,4 WAY,LARGE,GALV STL	EACH	45.03	J6684
296	7000836	BAND,POLE,4 WAY,SMALL,GALV STL	EACH	37.45	J6643
297	7000848	CLAMP,SUSPENSION,2-2/0 ACSR,7#8-7#9 AW,AL,NONE	EACH	12.41	HAS-62-N
298	7000852	CLAMP,STRAIGHT LINE,6-1/0 CU,DJ,STL,NONE	EACH	10.82	MDE-40-N
299	7000855	CLAMP,STRAIGHT LINE,4-2/0 CU,DJ,STL,NONE	EACH	11.9	MDE-46-N
300	7000860	CLAMP,STRAIGHT LINE,1-4/0 CU,DJ,MI,NONE	EACH	17.33	MDE-60-N
302	7000865	CLAMP,SIDE OPENING,#4-2/0 ACSR,#4-3/0 AAC,ALUM, .19"- .57",	EACH	7.62	HDSO-57
303	7000879	BRACKET,CUTOUT/ARRESTER,X-ARM,NEMA TYPE B,FOR 8' & 10'	EACH	6.65	C206-0283
304	7000887	CLAMP,GROUND ROD,5/8",8-1/0,HEX,CU,HEAVY DUTY	EACH	1.55	HDC58R
305	7000888	ROD,GROUND,5/8"X8',BONDED COPPER,MINIMUM .010" COPPE	EACH	10.19	615880
306	7000894	BOLT,NEUTRAL SPOOL,DOUBLE UPSET,5/8",12",GALV STL	EACH	5.44	7832
307	7000899	PIN,INSULATOR,ANGLE,5/8",STEEL	EACH	15.8	J215
309	7000903	SCREW,LAG,3/8" X 3",FETTER DRIVE,DRIVE POINT,GALV STL	EACH	0.37	J8743P
311	7000905	EYENUT,OVAl,FOR 5/8" BOLT,GALV,25,000# ULT.	EACH	1.79	EN58
313	7000911	BRACKET,WIRE,1-INSULATOR,LESS INSULATOR,4" X 3-1/4",FOR A	EACH	4.08	337
314	7000912	MOULDING,GROUND,3/4"X8F,PLASTIC	EACH	3.64	96KG-3/4
315	7000913	MOULDING,GROUND,1/2"X 8F,PLASTIC	EACH	1.01	GWM-7100
316	7000924	GRIP,DEAD END,MESSENGER,1/2" ALUMOWELD,7#6,-486" DIAM	EACH	15.55	BG-4168
318	7000926	GRIP,DEAD END,DISTRIBUTION,266	EACH	7.36	DG-4548
319	7000927	GRIP,DEAD END,DISTRIBUTION,2/0,BLUE	EACH	2.78	DG-4545
320	7000928	GRIP,DEAD END,DISTRIBUTION,2,RED	EACH	1.61	DG-4542
321	7000929	GRIP,DEAD END,DISTRIBUTION,4	EACH	1.13	DG4541
323	7000936	WIREHOLDER,SERVICE,MAST BRACKET,3"-4",WITH INSULATOR	EACH	12.08	C207-0076
324	7000940	WIRE,TIE,4,AL/POLY - SD/SOLID	POUND	7	4-POLY-TIE-WIRE
325	7000941	WIRE,#4,AAC,BARE,SOLID,SD,TIE WIRE,25 LB SPOOLS (APPROX. €	POUND	1.98	TW00011
326	7000942	TIE,WRAP,SPOOL INSULATOR,2,RED	EACH	2.17	EZSP-4374

327	7000946	TIE,WRAP,DOUBLE ARM,2,RED	EACH	9.86	DST-0152
328	7000949	TIE,WRAP,DOUBLE ARM,397,GREEN	EACH	13.13	DST-0158
329	7000950	TIE,WRAP,C NECK DESIGN,2,RED	EACH	4.87	WTC-0106
334	7000966	CLAMP,SUSPENSION,266-397 ACSR,AL,NO SOCKET	EACH	16.88	LS-2-N
340	7000986	CLAMP,SIDE OPENING,2/0-556.5 ACSR,3/0-556 AAC,ALUM,.46"-	EACH	13.13	ADEZ-88-N
341	7000987	CLAMP,SIDE OPENING,336.4-874 ACSR,397.5-1000 AAC,ALUM,.6	EACH	16.67	ADEZ-116-N
342	7001032	EYENUT,OVAl,FOR 3/4" BOLT,GALV,25,000# ULT.	EACH	1.93	EN34
343	7001046	SOCKET,EYE,30000 LB,52-3/52-5	EACH	8.95	SE-7
344	7001065	BALL,Y-CLEVIS,30000 LB,52-3/52-5	EACH	8.85	YBC-30
345	7001068	BALL,CLEVIS,30000 LB,52-3/52-5,LONG BODY	EACH	11.39	CB-55L
346	7001069	BALL,CLEVIS,30000 LB,52-3/52-5,SHOR BODY	EACH	6.32	13200
347	7001092	SHACKLE,ANCHOR,40,000 LB,2-3/4" LONG,3/4" PIN AND COTTEF	EACH	7.6	ASH-56
348	7001094	SHACKLE,ANCHOR,30,000 LB,2-3/4" LONG,5/8" PIN AND COTTEF	EACH	5.98	ASH-25
349	7001102	CLEVIS,CLEVIS,30000 LB,STRAIGHT (PINS PARALLEL)	EACH	16.43	CCC-30
350	7001135	SPLICE,KIT,15KV,MOLDED,#2/0 AL OR CU,175 MIL ONLY,JCN & C	EACH	20.17	5411-20006
351	7001138	SPLICE,KIT,15KV,MOLDED,#2 AL OR CU,175/220 MIL,JCN & CN C	EACH	20.17	5411-CI-2
353	7001141	TERMINATION,KIT,15KV,#2-4/0 AWG. COLD SHRINK,W/O PIN,JCI	EACH	38.68	7642-S-2
356	7001154	ENCLOSURE,UG,SECTIONALIZING,3 PHASE,200A,18" X 60" X 30",	EACH	403.15	1009000
358	7001157	ENCLOSURE,UG,SECTIONALIZING,200A,1PHASE,23" X 30" X 30",	EACH	296.69	1007509
359	7001158	SLEEVE,UG,SECTIONALIZING ENCLOSURE,1 PHASE,FITS IIN 70011	EACH	106.47	GS312318MMDMG22X18
361	7001160	PAD,UG EQUIPMENT,1 PH TRANSFORMER,167 KVA OR SMALLER	EACH	133.38	TEPR5WHIATTCB3
362	7001163	CLEANER,CABLE,FAST DRYING,NON-FLAMMABLE,5"X 8" TOWEL	EACH	1	TR-1
363	7001164	LUBRICANT,CABLE,PULLING,5 GALLON PAIL,SUMMER GRADE	EACH	47.75	1-402823
364	7001165	LUBRICANT,UG COND,WIRE PULLING,1 GAL	EACH	12.2	J-128
365	7001166	COMPOUND,SILICON,5.3OZ TUBES FOR USE IN UNDERGROUND	EACH	7.01	SL-5
366	7001167	BRACKET,CONDUIT,STAND OFF,1/4"X1-1/2",BAR STRAP,16"X12"	EACH	12.16	CSB-16-12
371	7001196	COUPLING,CONDUIT,PVC,1"	EACH	0.17	PVC-COUPLING-1-40
372	7001197	COUPLING,CONDUIT,PVC,1-1/2"	EACH	0.92	PVC-COUPLING-1.5-40
373	7001198	COUPLING,CONDUIT,PVC,2"	EACH	0.69	PVC-COUPLING-2-40-LL
374	7001199	COUPLING,CONDUIT,PVC,2-1/2"	EACH	1.2	PVC-COUPLING-2.5-40
375	7001200	COUPLING,CONDUIT,PVC,3"	EACH	4.18	PVC-COUPLING-3-40-LL
376	7001201	COUPLING,CONDUIT,PVC,4"	EACH	5.21	PVC-COUPLING-4-40
378	7001203	COUPLING,CONDUIT,PVC,6",SCH 40/80,LOGLINE	EACH	11.37	E940R/PVC600COUP/6141634
380	7001205	COUPLING,CONDUIT,PVC,2",MALE ADAPTER	EACH	0.44	PVC-ADAPT-2-M-40
381	7001206	ELBOW,CONDUIT,PVC,2"X24",SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	5.75	PVC-ELB-2-90-24-40
382	7001207	ELBOW,CONDUIT,PVC,2-1/2"X24",SCH 40,90 DEG,DEEP SOCKET,	EACH	7.72	PVC-ELB-2.5-90-24-40
383	7001208	ELBOW,CONDUIT,PVC,3"X24",SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	7.51	PVC-ELB-3-90-24-40
384	7001210	ELBOW,CONDUIT,PVC,4"X24",SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	11.86	PVC-ELB-4-90-24-40
385	7001214	ELBOW,CONDUIT,PVC,2"X36",SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	6.18	PVC-ELB-2-90-36-40
386	7001215	ELBOW,CONDUIT,PVC,2-1/2"X36",SCH 40,90 DEG,DEEP SOCKET,	EACH	9.51	PVC-ELB-2.5-90-36-40
388	7001218	ELBOW,CONDUIT,PVC,4"X36",SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	15.64	PVC-ELB-4-90-36-40
391	7001223	ELBOW,CONDUIT,PVC,2-1/2"X24",SCH 80,90 DEG,DEEP SOCKET,	EACH	19	PVC-ELB-2.5-90-24-80
392	7001224	ELBOW,CONDUIT,PVC,3"X24",SCH 80,90 DEG,DEEP SOCKET,GRE	EACH	15.65	PVC-ELB-3-90-24-80
393	7001241	STRAP,CONDUIT,1 HOLE,4"	EACH	2.21	HS-110
394	7001242	STRAP,CONDUIT,1 HOLE,3"	EACH	1.49	HS-108
395	7001243	STRAP,CONDUIT,2",WITH 1-5/8" MOUNTING HOLE	EACH	2.07	H-90-5/8-SPECIAL
396	7001246	STRAP,CONDUIT,1 HOLE,1"	EACH	0.28	7001246
398	7001259	INSULATOR,SECONDARY,SECTIONALIZER,FIBERGLASS,#6-3/0 SOI	EACH	22.71	GSP-51-6F
399	7001267	INSULATOR,SECONDARY,SPOOL,PORCELAIN,BROWN	EACH	0.73	5101B
400	7001268	INSULATOR,SECONDARY,SPOOL 3",PORCELAIN OR POLYETHYLEN	EACH	0.76	INSULATOR-SPL-3-53-2
401	7001269	INSULATOR,PIN TYPE,15KV,POLYMER,F-NECK,1" PIN HOLE,SKY G	EACH	4.66	HPI-15
402	7001271	INSULATOR,PORCELAIN,PIN TYPE,ANSI 55-3,GREY,C-NECK,1" PIN	EACH	2.41	INSULATOR-PIN-C-53-3
403	7001274	INSULATOR,SPACER,AERIAL CABLE,15KV,3-PHASE,RINGLESS	EACH	14.83	RTL15
404	7001280	INSULATOR,SUSPENSION,15 KV,POLYMER,12.5"-13.5" LONG,15,	EACH	8.51	9501U-SI
405	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,	EACH	3.04	7001331
406	7001332	CONTROL,PHOTOELECTRIC,105/285V,BLUE COVER,ELECTRONIC,	EACH	3.39	7090-VPS
407	7001357	CABLE,600V,#12,SOLID,2/C W/GROUND,TYPE UF-B,OH & UG/25I	FOOT	0.37	12-2-UF-W/GROUND
408	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED OR AL	EACH	31.77	P200S016C
409	7001369	ARM,MAST,LIGHTING,2" X 6",ALUM,WOOD POLE,MOUNTING,UF	EACH	69.76	85446-001
410	7001370	ARM,MAST,LIGHTING,2" X 8",ALUM,WOOD POLE,MOUNTING,UF	EACH	92.27	U200A080U
416	7001427	CABLE,600V/UG,#2-#2-#4,3/C AAC TRIPLEX,XLP,STEPHENS,NEUT	FOOT	0.65	Stephens-NRR
417	7001428	CABLE,600V/UG,2/0-2/0-#1,3/C AAC TRIPLEX,XLP,CONVERSE,NEI	FOOT	0.9	Converse-NRR

418	7001429	CABLE,600V,4/0-4/0-2/0,3/C AL,TRIPLEX,XLP,SWEETBRIAR,NEUT FOOT	1.22	Sweetbrair
419	7001430	CABLE,UG,15KV,#2 AAC,175MIL,100%JCN, 7 STR COMPRESSED,S FOOT	1.4	7001430
421	7001432	CABLE,UG,15KV,#2 AAC,175MIL,33%JCN PARALLEL,7 STR COMPF FOOT	3.78	7001432
423	7001703	BRACKET,INSULATOR/ARRESTER,18",SINGLE,1-1/2",FG ROD,KEYI EACH	22.71	G1MDA318ATB
425	7001710	MOUNT,TRANSFORMER,1-PIECE,3-50KVA MAX,11-1/4" TRANSFC EACH	108.39	DT6C1
426	7001718	CAP,SHORTING,PHOTOCONTROL BASE,LOCKING TYPE EACH	3.37	FPN-1038-1
427	7001719	RECEPTACLE,PEC,REMOTE,125VAC,WITH POLE MOUNT BRACKET EACH	6.74	FPNS47671
428	7001720	ARM,MAST,LIGHTING,2" X 10',ALUM,WOOD POLE MOUNTING,U EACH	162.93	74246-001
429	7001721	ARM,MAST,LIGHTING,2" X 12',ALUM,WOOD POLE MOUNTING,U EACH	195.59	74246-002
430	7001722	ARM,MAST,LIGHTING,2" X 15',ALUM,WOOD POLE,MOUNTING,U EACH	247.74	74212
431	7001727	MOUNT,TRANSFORMER CLUSTER,3,BOLT MNT,3-167KVA,STL EACH	234.65	DT7C1
433	7001733	STRAP,CONDUIT,1 HOLE,2-1/2" EACH	1.09	HS-107
434	7001768	CONNECTOR,COMPRESSION,JUMPER SLEEVE,795 AAC,AL EACH	19.72	HR795-37ALJ
435	7001923	GUARD,WILDLIFE,BUSHING COVER,POLYMER,24/CASE CASE	10.71	21116
443	7001957	CUTOUT,FUSED,15KV,NON-LOADBREAK,W100A TUBE,110KV BIL EACH	55	C710-112L
444	7001959	CUTOUT,FUSED,15KV,LOADBREAK,W100A TUBE,110KV BIL,PORC EACH	102.01	Y11E11BM11
445	7001962	FUSEHOLDER,CUTOUT,15KV,NON-LOADBREAK,200A,12KA INTER EACH	49.14	T710143T
446	7001963	BLADE,CUTOUT,15KV,NON-LOADBREAK,300A EACH	39.95	T710133T
447	7001965	FUSEHOLDER,CUTOUT,15KV,LOADBREAK,200A,10KA INTERRUPT EACH	64.63	278C310A30
448	7001966	BLADE,CUTOUT,15KV,LOADBREAK,300A EACH	54.49	278C310A14
451	7002154	FUSEHOLDER,CUTOUT,15KV,NON-LOADBREAK,100A,10KA INTER EACH	24.59	T710112T
452	7002155	FUSEHOLDER,CUTOUT,15KV,LOADBREAK,100A,10KA INTERRUPT EACH	63.85	278C310A03
458	7002174	PLATE,DOUBLE INSULATOR,AERIAL CABLE,GALV,W/5/8" X 2" CAI EACH	14.29	D-1041
461	7002177	BRACKET,AERIAL CABLE,ANGLE,C-TYPE,18",GALV EACH	61.59	BA3-15
462	7002178	BRACKET,AERIAL CABLE,TANGENT,MESSENGER,GALV,14" SPACI EACH	37.75	BM-14
464	7002180	BRACKET,SPACER CABLE,ANTI-SWAY,FRONT MOUNT,14" EACH	14.54	BAS-14F
466	7002182	BRACKET,AERIAL CABLE,VERTICAL TAP,E-TYPE,LONG,GALV,14" P EACH	119.03	BV-35
467	7002215	CLAMP,WEDGE,SERVICE,#2- #6 ACSR,RIGID SS BAIL,FOR SERVICE EACH	1.05	7195
468	7002218	CONDUCTOR,OH WIRE,4,CU-SD/BARE,SOLID, (50LB COIL) POUND	3.19	4-SD-CU-COIL
469	7002235	LINK\CONNECTING-T:OFFSET,EYE/EYE:1/4" X 3" X 9-1/2":GALV S EACH	4.32	3151
471	7002244	LINK,EXTENSION,EYE/CLEVIS,3/8"X1-1/4"X14",GALV STL EACH	6.35	J6658
472	7002245	LINK,EXTENSION,EYE/CLEVIS,3/8"X1-1/4"X20",GALV STL EACH	11.39	J6659
473	7002246	TIE,WRAP,SPOOL INSULATOR,4,ORANGE EACH	1.98	EZSP-4372
474	7002248	GRIP,DEAD END,SERVICE,4,ORANGE EACH	0.56	SG-4502
475	7002249	GRIP,DEAD END,SERVICE,2,RED EACH	0.73	SG-4504
476	7002252	STAPLE,MOULDING,ROLLED POINT,FOR 1/2" MOULDING,STL EACH	0.11	C2050209
478	7002254	STAPLE,WIRE,CUT POINT,1-1/2"X1/4"X.148",GALV STL,50# TO BI POUND	2.15	J1672
482	7002323	BOLT,CARRIAGE,3/8"X 8",GALV STL,W/SQ SHOULDER & SQ NUT EACH	1.74	J8638
483	7002324	BOLT,CARRIAGE,1/2"X 7",GALV STL,W/SQ SHOULDER & SQ NUT EACH	1.3	8647
491	7002434	COUPLING,CONDUIT,PVC,2",FEMALE ADAPTER EACH	0.46	PVC-ADAPT-2-F-40
493	7002436	COUPLING,CONDUIT,PVC,2-1/2",MALE ADAPTER EACH	0.82	PVC-ADAPT-2.5-M-40
496	7002439	COUPLING,CONDUIT,PVC,4",FEMALE ADAPTER EACH	2.04	PVC-ADAPT-4-F-40
498	7002452	ELBOW,CONDUIT,PVC,2"X36",SCH 80,90 DEG,DEEP SOCKET,GRE EACH	10.95	PVC-ELB-2-90-36-80
501	7002475	ELBOW,CONDUIT,PVC,1-1/4"X24",SCH 40,90 DEG,DEEP SOCKET, EACH	4.36	PVC-ELB-1.25-90-24-40
505	7002516	CONDUCTOR,OH WIRE,4/0,CU-SD/BARE,7 STRAND POUND	3.53	7002516
506	7002524	CONDUCTOR,OH WIRE,4/0,CU-SD,XLPE INSULATION,90 DEGREE: POUND	3.68	7002524
507	7002525	CONDUCTOR,OH WIRE,3/0,CU-SD,XLPE INSULATION,90 DEGREE: POUND	5.65	7002525
508	7002541	SEALANT,HIGH VOLTAGE,RED,2"X15"X.03" EACH	5.25	S-1085-3-380
511	7002578	BOLT,MACHINE,1/2",2",STAINLESS STEEL EACH	1.15	1/2SSBLT-2
512	7002587	ADAPTER,PIN INSULATOR,1",5/8",5-1/4" EACH	6.08	J2840
515	7003002	SCREW,LAG,1/2" X 4",TWIST DRIVE,DRIVE POINT,GALV STL EACH	0.63	J8754TP
517	7003192	TAPE,VINYL,ELECTRICAL MARKING,BLUE,FLAME RETARDANT,3/4" EACH	3.35	35-BLUE
518	7003193	TAPE,VINYL,ELECTRICAL MARKING,RED,FLAME RETARDANT,3/4" EACH	3.35	35-RED
519	7003194	TAPE,VINYL,ELECTRICAL MARKING,WHITE,FLAME RETARDANT,3/4" EACH	3.35	35-WHITE
520	7003195	TAPE,VINYL,MARKING,3/4",GREEN EACH	3.35	35-GREEN
521	7003199	INSULATOR,GUY,STRAIN,60",FIBERGLASS,36000 LBS EACH	39.65	GCC36-60R
523	7003239	CONNECTOR,COMPRESSION,TAP,AL,4/0-477:6-2/0 EACH	2.8	WR815
524	7003278	LUBRICANT,UG COND,WIRE PULLING,1 QUART SQUEEZE BTL EACH	5.39	1-402813
528	7003298	INSULATOR LINK,GUY STRAIN,12" FIBERGLASS,21,000# MINIMUI EACH	10.95	GCTE21-12
529	7003304	CLAMP,TRUNION,3/0-556 ACSR,AL,NONE EACH	6.28	ACTS-118
534	7003369	CEMENT,PVC CONDUIT,PINT SIZE WITH BRUSH TOP PINT	4.46	VC-9963
535	7003377	CONNECTOR,COMPRESSION,SERVICE,INS,4/0 STR:4/0 STR,PINK:I EACH	2.52	IKL69

536	7003379	CLEVIS,THIMBLE,5/8" PIN DIA,GALV STL	EACH	6.82	CT-88
537	7003412	ASSEMBLY,DEAD END,APITONG WOOD,5-3/8"X5-1/2"X10',BRAC	EACH	574.12	HD-2DEA-108EB-3GA
539	7003416	CONDUCTOR,OH WIRE,2/0,CU-SD,XLPE INSULATION,90 DEGREE	POUND	3.77	7003416
541	7003425	CABLE,600V/UG,350-350-4/0,3/C AAC TRIPLEX,XLPE,WESLEYAN,	FOOT	2.02	Wesleyan-NRR
548	7003462	HOOK,DRIVE,7/16",4-3/4",GALV STL	EACH	0.75	J3316P
553	7003481	INSERT,BUSHING WELL,FEED THRU,15KV,200A,LOADBREAK,FOR	EACH	141.02	1602A3R
554	7003486	CONNECTOR,COMPRESSION,PIGTAIL SLEEVE,1-2STR/2A	EACH	1.59	PCS71
555	7003487	PIN,TERMINAL,COMPRESSION,2/0 CU/AL.,840 DIE,6" LONG PIN,	EACH	3.43	X5U2-6
556	7003492	MOUNT,TRANS CLUSTER,3,BLT MT,3-167,AL,12" SPACING	EACH	173.52	11MW-24-L-12
558	7003507	CONNECTOR,BOLTED WEDGE,STIRRUP,795 AAC/AL ONLY	EACH	40.56	795500
559	7003512	SPLICE,TENSION,AUTO,#2 STR ACSR, AAAC, AAC	EACH	5.58	GL-404A
560	7003513	CONNECTOR,AUTOMATIC,TENSION SPLICE,2/0-6/1 ACSR	EACH	13.09	GL-407
561	7003514	SPLICE,TENSION,AUTO,397.5KCM 18/1-STR ACSR	EACH	19.37	7659
562	7003515	SPLICE,TENSION,AUTO,795KCM STR AAC	EACH	46.91	AL55795
563	7003516	CONNECTOR,COMPRESSION,STIRRUP,4-6 ACSR,AL	EACH	5.89	QCO-02
564	7003521	CONNECTOR,COMPRESSION,SERVICE,INS,6A:6STR,BLUE:BLUE	EACH	0.41	ICS64-1
565	7003522	SHAFT,HELIX ANCHOR EXTENSION,SQUARE,7F	EACH	68.07	12657
566	7003523	ADAPTER,GUY ANCHOR,SQUARE SHAFT,1-1/2" DIA X 11" (MIN)	EACH	25.95	C102-0024
568	7003538	SPLICE,TENSION,AUTO,266.8KCM 18/1-ACSR,336.4KCM AAC	EACH	14.85	GL-410
569	7003554	CONNECTOR,BOLTED,C STYLE WEDGE,397 ACSR OR SPACER:397	EACH	16.55	336718
573	7003575	JUNCTION,UG PRI,FEED THRU,2 POSITION,L/B,15KV,200A	EACH	82.47	164J2-5
574	7003577	JUNCTION,UG PRI,FEED THRU,3 POSITION,L/B,15KV,200A	EACH	98.06	164J3-5
575	7003578	JUNCTION,UG PRI,FEED THRU,4 POSITION,L/B,15KV,200A	EACH	109.84	164J4-5
576	7003579	LINE,PULL,POLY,6500F IN 5 GALLON BUCKET	BUCKET	41.99	BL200BKT
577	7003587	COVER,BUSHING,OVERHEAD EQUIP,POLYETHYLENE,4.75"X9"	EACH	4.69	70380330
578	7003590	CAP,INSERT,INSULATED,15KV,200A,LOADBREAK,WITH COPPER C	EACH	19.05	2151C1
580	7003627	GRIP,DEAD END,AERIAL CABLE,397	EACH	23.36	ND-0121
581	7003628	CONNECTOR,COMPRESSION,1 HOLE TERMINAL,4-7STR/SOL	EACH	2.24	104761-1
582	7003631	BRACKET,CUTOUT/ARRESTER,X-ARM,COMBINATION CUTOUT &	EACH	12.22	PSC2060674
584	7003708	CONNECTOR,COMPRESSION,TAP,AL,4/0:4/0A,4/0 STR	EACH	1.19	507-82
585	7003714	BOX,SPLICE,13" X 24" X 15" DEEP,NON-TRAFFIC,HD POLYETHELE	EACH	60.69	13241011
586	7003718	TAPE,VINYL,ELECTRICAL MARKING,YELLOW,FLAME RETARDANT,	EACH	3.35	35-YELLOW
587	7003720	TUBING,HEAT SHRINK,HEAVY WALL,1000V,.70"-1.96",48"	EACH	31.47	WCSM-51/16-1200-S
589	7003740	PIN,INSULATOR,SHORT SHANK,3/4"X2-3/8"	EACH	16.18	SSP-2
593	7003757	GRIP,DEADEND,COATED,795 AERIAL CABLE AND POLY,RANGE 1.	EACH	31.81	ND-0125
599	7003768	LINE-DUC,SPACER CABLE,STANDARD/CLIP-ON,15KV,WITH META	EACH	30.07	LINE-DUC
600	7003769	CONNECTOR,COMPRESSION,TAP,AL,NO STD A:A,4/0:4/0STR	EACH	0.73	WR419
601	7003770	PIN,INSULATOR,SCREW,2-1/4",STEEL	EACH	7.5	J025
602	7003774	BRACKET,CONDUIT,STAND OFF,4-WAY T-BAR,6" DEEP,24" WIDE	EACH	28.73	6-CSO-C-24
604	7003776	STRAP KIT,CONDUIT,2 HOLE,2-1/2",STAND OFF BRACKET	EACH	4.3	STK-2.5
605	7003777	STRAP KIT,CONDUIT,2 HOLE,3",STAND OFF BRACKET	EACH	4.38	STK-3
607	7003785	CONNECTOR,COMPRESSION,1 HOLE TERMINAL,1/0,AL	EACH	2.54	104761-3
608	7003828	CONNECTOR,BOLTED WEDGE,STIRRUP,397 SPACER ONLY	EACH	20.25	336915-1
610	7003833	SPLICE,TENSION,AUTO,#4 STR ACSR, AAAC, AAC	EACH	5.17	GL-402A
614	7003854	TAPE,VINYL CLOTH,DUCT,2" X 60 YD,SILVER	EACH	8.73	3939
615	7003878	ROLLER,GUY,2.4" DIAMETER,13/16" HOLE,STL	EACH	3.57	R-24-6
616	7003882	JUNCTION,UG PRI,FEED THRU,2-POSITION,PORTABLE,LOADBREA	EACH	76.42	164FT
618	7003913	GRIP,DEAD END,SECONDARY,2/0 POLY	EACH	7.39	ND-0112
622	7003937	SPLICE,TENSION,AUTO,#8 SOL CU	EACH	4.82	GL-110
623	7003938	SPLICE,TENSION,AUTO,#6 SOL CU,9-1/2D CW-CU	EACH	3.2	GL-111
624	7003939	SPLICE,TENSION,AUTO,#4 SOL CU,#6 3&7-STR CU	EACH	3.36	GL-112
625	7003940	SPLICE,TENSION,AUTO,#4 7-STR CU,6A CW-CU	EACH	3.92	GL-113
626	7003941	SPLICE,TENSION,AUTO,#2 7-STR CU,4A CW-CU	EACH	5.97	GL-115
627	7003967	CONNECTOR,SPLIT-BOLT,#4 SOL-#4 SOL COPPER	EACH	1.25	4H
628	7003982	ELBOW,CONDUIT,PVC,1-1/2"XSTD,SCH 40,90 DEG,DEEP SOCKET,	EACH	1.68	PVC-ELB-1.5-90-9.540
635	7004028	COVER,SPLICE,SUBMERSIBLE,14-1/0,L - 2-1/4"	EACH	2.1	FSS20
636	7004088	PIN,INSULATOR,STRAIGHT,5/8"X6",STEEL,NYLON THREADED HE/	EACH	3.7	J203Z
637	7004097	TAPE,VINYL,ELECTRICAL MARKING,ORANGE,FLAME RETARDANT,	EACH	3.35	35-ORANGE
638	7004108	SPLICE,TENSION,AUTO,3/0 SOL CU,2/0 7-STR	EACH	11.47	GL-118
649	7004466	WIREHOLDER,SERVICE,HOUSE KNOBS,NYLON	EACH	3.27	J089Z
650	7004467	WIREHOLDER,SERVICE,MAST BRACKET,1-1/4" - 3",NYLON	EACH	5.03	C202-0144
651	7004484	SEALER,CONDUIT,DUCT,5 LB PACKAGE,(5-1 LB BAGS)	PACK	19.48	DX-5

653	7004509	CONNECTOR,COMPRESSION,SERVICE,INS,2/0:2,GRAY:RED	EACH	2.52	IKL45
655	7004572	BRACKET,CONDUIT,STAND OFF,ADJUSTABLE,6" CHANNEL AND P	EACH	14.22	NWA-6-2X
656	7004573	BRACKET,CONDUIT,STAND OFF,ADJUSTABLE,6" CHANNEL AND P	EACH	14.35	NWA-6-2.5X
657	7004574	BRACKET,CONDUIT,STAND OFF,ADJUSTABLE,7" CHANNEL AND P	EACH	14.81	NWA-7-3X
660	7004891	ARRESTER,DISTRIBUTION,UG,ELBOW,18KV,MOV,POLYMER,15.3H	EACH	78.29	215ELA18
661	7004932	MARKER,BURIED CABLE,RED,W/"POWER CABLE" ON MARKER	EACH	2.58	600-RED
667	7005143	CLAMP,WEDGE,SERVICE,#1/0 - #4 ACSR,RIGID SS BAIL,FOR SERVI	EACH	1.72	7187
668	7005154	ASSEMBLY,OUTDOOR TERMINATOR BRACKET	EACH	9.24	16TB-2
669	7005412	ROPE,POLY,MULETAPE,FLAT	FOOT	0.11	1-400331
670	7005415	KIT,IN-LINE FUSE/DISCONNECT,STR #10-4,SOL #12-4	EACH	13.81	SLK-M
675	7005755	BRACKET,CONDUIT,STANDOFF,ADJUSTABLE,8" CHANNEL AND P	EACH	15.38	NWA-8-4X
678	7005817	CONDUCTOR,OH WIRE,4,CU,BARE,SD,SOLID,25 LB. SPOOL (198')	POUND	2.96	4-SD-CU-SPL
679	7005825	DISPENSER,GUY WIRE,SAFETY,STANDARD	EACH	6.05	SGD-0700
680	7005832	SEAL,METER,PADLOCK,BLUE,SUSPECT TAMPERING,SELF LOCKIN	EACH	0.18	6170000-3
681	7005833	SEAL,METER,PADLOCK,GREEN,ACTIVE ACCOUNT,SELF LOCKING,I	EACH	0.1	6170000-2
682	7005834	SEAL,METER,PADLOCK,RED,NON PAY DISCONNECT,SELF LOCKIN	EACH	0.11	6170000-1
683	7005835	SEAL,METER,PADLOCK,YELLOW,VACANT,SELF LOCKING,PLASTIC,	EACH	0.1	6170000-6
684	7005836	SEAL,METER,DEMAND,BLACK,ALL DEPARTMENTS,SELF LOCKING,	EACH	0.08	6302000-8
685	7005837	SEAL,METER,DEMAND,BROWN,ALL DEPARTMENTS,SELF LOCKIN	EACH	0.08	6302000-18
688	7005846	SEAL,METER,DEMAND,WHITE,ALL DEPARTMENTS,SELF LOCKING	EACH	0.08	6302000-10
689	7005860	LINK\CONNECTING-T:OFFSET,EYE/EYE:3/8"X2"X9-1/2":	EACH	3.93	3154
690	7005876	KIT,HUB,1-1/4"	EACH	3.44	A7515
691	7005877	KIT,HUB,2"	EACH	2.39	A7517
692	7005878	KIT,HUB,2-1/2"	EACH	2.53	A7518
693	7005879	KIT,HUB,3"	EACH	16.1	56856-2
694	7005884	LUG,SOCKET,SINGLE,UP TO 350MCM,HEX HEAD	EACH	2.8	55890-1
695	7005885	LUG,SOCKET,SINGLE,UP TO 500MCM,HEX HEAD	EACH	25.08	K1540
696	7005886	LUG,SOCKET,TWIN,UP TO 350MCM,HEX HEAD	EACH	7.46	56732-1
698	7005888	PLATE,COVER,HUB OPENING,LARGE	EACH	4	56933
700	7005891	PLATE,COVER,BLANKOUT,4-BLADED,PLASTIC,CLEAR	EACH	1.45	Jan-02
701	7005892	SOCKET\METER-T:1 PH:OHUG:100A:4T:HORN BYPASS:HO/CP	EACH	24.91	U7487-XL-TG-KK
702	7005893	SOCKET\METER-T:1 PH:OHUG:200A:4T:HORN BYPASS:HO/CP	EACH	31.22	U7040-XL-TG-KK
703	7005897	SOCKET\METER-T:3 PH:OHUG:200A:7T:LEVER BYPASS,HO/CP	EACH	116.95	UT-H7213U
705	7005939	TESTSWITCH\INSTRUMENT-T:::10 POLE:4 RED POTENTIAL/6 BLAC	EACH	91.72	110-54583-T
707	7005954	RING,SEALING,METER,SCREW TYPE,ALUMINUM	EACH	3.88	MR-4
708	7005955	SLEEVE,SOCKET METER,DISCONNECT,MYLAR, 1 GROSS EQUALS 1	GROSS	30.21	M5-144
711	7005959	JUMPER,METER,INSULATED,FLAT COPPER,200 AMP	EACH	3.8	9A-1730-2
714	7006003	DISCONNECT,METER,45 DEGREE ROTATION	EACH	1.16	MDD-45
715	7006033	SOCKET\METER-T:1 PH:OHUG:320A:4T:LEVER BYPASS,HO/CP	EACH	100.6	47604-02
722	7006358	PIN,INSULATOR,STRAIGHT,5/8"X8",STEEL,NYLON THREADS	EACH	5.58	J2802Z
723	7006359	PIN,INSLR,POLE TOP,1" THREAD,20" HIGH,(2) 11/16" MOUNTINC	EACH	6.72	J1220Z
725	7006439	WASHER,CAST DUCTILE,CURVED,3" X 3" X 3/8",GALV,FOR 3/4" B	EACH	1.4	CW-33-6
726	7006448	FUSEHOLDR,CUTOUT,NON-LDBRK,7.8/13.8KV,100A,KEARNEY	EACH	60.66	184501-00056
727	7006487	CABLE,600V/UG,#6-#6,2/C AAC DUPLEX,XLP,CLAFLIN,NEUTRAL N	FOOT	0.23	CLAFLIN-2500
728	7006516	TAPE,VINYL,CAUTION,6",BLACK ON RED,1000 FT ROLL	EACH	17.57	STRE-61
729	7006533	CLAMP,DEADEND,AUTO WEDGE,AL/CU,#4-#2/0 AL/CU/ACSR/AA	EACH	12.85	GDW-2010
731	7006610	CLAMP,SUSPENSION,2-2/0 ACSR,7#8-7#9 AW,AL,SOCKET	EACH	19.05	HAS-62-S
739	7006706	CLAMP,SUSPENSION,266-397 ACSR,AL,SOCKET	EACH	18.8	HAS-104-S
740	7006708	CLAMP,SUSPENSION,556-954 ACSR,AL,SOCKET	EACH	18.92	HAS-118-S
741	7006732	PAD,UG EQUIPMENT,1 PH,42"X52"X3",COMPOSITE	EACH	102.7	F4252-32CL1325
742	7010045	CLAMP,UNIVERSAL,4 CU,MALEABLE IRON,NONE	EACH	16.23	80500-2000
743	7010059	ELBOW,CONDUIT,PVC,2"XSTD,SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	2.37	PVC-ELB-2-90-9.5-40
750	7010086	ELBOW,CONDUIT,PVC,1"XSTD(5-3/4"),SCH 40,90 DEG,DEEP SOCI	EACH	0.67	PVC-ELB-1-90-9.5-40
754	7010106	CEMENT,PVC CONDUIT,QUART SIZE WITH BRUSH TOP	QUART	7.67	VC-9962
755	7010137	ELBOW,CONDUIT,PVC,2"XSTD,SCH 40,45 DEG,DEEP SOCKET,GRE	EACH	2.16	PVC-ELB-2-45-9.5-40
756	7010141	ANCHOR,HELIX,12",8000 FOOT POUNDS/TORQUE,SOCKET DRIVE	EACH	44.58	7010141-ANCHOR
757	7010142	ANCHOR,HELIX,8",8000 FOOT POUNDS/TORQUE,SOCKET DRIVE,	EACH	26.22	7010142-ANCHOR
758	7010144	ANCHOR,HELIX,TWIN,SQUARE SHAFT,8"/10",5F ROD	EACH	83.41	012642AE
759	7010166	SWITCH,REGULATOR BYPASS,15KV,600A	EACH	1055.75	125821-20
760	7010199	BUSHING,PARKING STAND,INSULATING,SINGLE,15KV,200A,LOAC	EACH	30.06	161SOP
762	7010208	INHIBITOR,CONNECTOR,CASE OF 25 - 8 OZ. BOTTLES	CASE	8.38	30584-50
763	7010214	BRACKET,3-PHASE ARRESTOR/CUTOUT,ZERO DEGREES,W/DUCTI	EACH	113.33	3SBM3618CTB

764	7010217 SWITCH,DISC,UA,15KV,900 AMP,110KVBIL,40KA MOM,WITH 4-1 EACH	167.57	M3D-96BC
765	7010259 WEATHERHEAD,CONDUIT,3",ALUMINUM EACH	23.21	7010259
767	7010268 CONNECTOR,COMPRESSION,TAP,4-2:4-2,CU EACH	1.43	302-82
772	7010291 SPLICE,UG COND,#2/0,600V EACH	8.02	FSK- 2/0
773	7010292 SPLICE,UG COND,#4/0,600V EACH	9.27	FSK -4/0
775	7010296 WEATHERHEAD,CONDUIT,2-1/2",ALUMINUM EACH	17.68	SH-107
777	7010314 CONNECTOR,COMPRESSION,1 HOLE TERMINAL,6 STR,AL EACH	3.91	30426-2
779	7010316 SCREW,LAG,1/4" X 2",GIMLET POINT,GALV STL EACH	0.21	J8722
781	7010324 SEALER,CONNECTION,UNDERGROUND,3-3/4"X1/8"X10F ROLL EACH	15.88	104742
790	7010443 CLEVIS,THIMBLE,3/4" PIN DIA,GALV STL EACH	9.41	CT-88-H
791	7010444 BRACE,CROSSARM,60" SPAN,30" DROP PAIR	12.12	BAF-6030
794	7010572 COVER,COMPRESSION CONNECTOR,"D" DIE,2-1/2" EACH	0.42	C7
795	7010604 CONNECTOR,COMPRESSION,SERVICE,INS,2/0:2/0,GRAY:GRAY EACH	2.52	IKL47
799	7010691 SOCKET\METER-T:ITR:OHUG:20A:13T:::PREWIRED W/10POLE TE EACH	174.07	STS13-1C386
801	7010693 SOCKET\METER-T:ITR:OHUG:20A:6T:::PREWIRED W/6POLE TEST EACH	118.74	STS6-1C386
802	7010697 SOCKET\METER-T:3 PH:OHUG:320A:7T:LEVER BYPASS::W/ HUB (EACH	201.52	UT-H7330U
804	1187901 SPLICE,CMPSN,1/0 STR CU,NON-TENSION, TINNED CU,USES KEA EACH	2.38	PC-1/0
805	7003506 CONNECTOR,BOLTED WEDGE,STIRRUP,397-18/1 ACSR,AL, ONLY EACH	41.85	336875
807	7001311 LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUT EACH	99.94	M2RR20S1N2GMS4
809	7001307 LUMINAIRE,COLONIAL,HPS,100W,120V,9500 LUMENS,TYPE III,N EACH	119.83	T10R10S1N2AMS3BLLT
810	7001312 LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,P EACH	71.52	M2RR10S1N2AMS2
811	7001328 LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMEN EACH	164.59	CFB40S1N2AMS58
818	7001916 REFRACTOR,LIGHTING,COBRA,SMALL,ACRYLIC EACH	23.26	35-130707R03
819	7003307 LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD C EACH	33.74	SAH10S1N24
820	7001326 LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE EACH	66.59	SAM10S1N54LV5ALC185
824	7001339 OPTICAL ASSEMBLY,OPEN BOTTOM,TYPE V,PLASTIC ***FOR MA EACH	11.92	SA-V5AL
825	7001319 LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TY EACH	303.88	DSMRO7S1A2GMC3BL
826	7001320 LUMINAIRE,CONTEMPARY,HPS,100W,120V,NPF,TYPE III,9500 LU EACH	303.88	7001320
827	7001321 LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,12I EACH	303.88	DSMR20S1A2GMC3BL
828	7001322 LUMINAIRE,CONTEMPARY,HPS,400W,120V,HPF,TYPE III,50000 L EACH	309.4	DSMR40S1A2GMC3BL
829	7003896 LUMINAIRE,CONTEMPARY,HPS,400W,277V,HPF,TYPE III,50000L, EACH	309.4	DSMR40S4A2GMC3BL
836	7001324 LUMINAIRE,ACORN,HPS,70W,120V,TYPE V,NPF,W/9" TRADITION EACH	284.19	AM9X07S1N21CASBLCK
837	7001325 LUMINAIRE,ACORN,HPS,100W,120V,TYPE V,NPF,W/9" TRADITIO EACH	234.67	AM9X10S1N21CASBLCK
840	7006280 LUMINAIRE,FLOOD,MH,1000W,120/208/240/277V,107800 LUM EACH	300.34	7006280
841	7001309 LUMINAIRE,COLONIAL,HPS,50W,120V,4000 LUMENS,TYPE III,NP EACH	158.46	T10R05S1N2AMS3BLLT
842	7001308 LUMINAIRE,COLONIAL,HPS,70W,120V,5800 LUMENS,TYPE III,NP EACH	118.6	T10R07S1N2AMS3BLLT
843	7010325 LUMINAIRE,COBRA,HPS,200W,240V,22000 LUMENS,TYPE III,NPF EACH	99.94	M2RR20S3N2GMS3
844	7001310 LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUT EACH	145.5	MSRL40S1A22RMS3
845	7001313 LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,AC EACH	69.86	M2RR07S1N2AMS3
847	7001314 LUMINAIRE,COBRA,HPS,50W,120V,4000 LUMENS,TYPE II,ACRYLI EACH	104.36	M2RR05S1N2AMS2
848	943101 SWITCH,GRP OP,15KV,900A,LB,HORZ MT,UPRIGHT,SIDE OPENIN EACH	3116.29	AR113FSHLP
849	7001304 LUMINAIRE,COLONIAL,HPS,100W,120V,NPF,TYPE V,VERTICAL LA EACH	114.92	T10C10S1N2AMS5BLLT
850	475294 ROD,ANCHOR,3/4" X 7",GALVANIZED,THREADED 1" ON BOTH EN EACH	18.72	ANCHOR-ROD-SC-D-7X34
853	943086 ARM,DEADEND,ASSEMBLY,FG,8FT,3750 LBS WORKING,7500 LBS EACH	172.93	0943086-KU-DEADEND
854	943260 CLIP,GROUND WIRE,#4,COPPER,WITH LOCKING TAB,FOR ATTACH EACH	0.56	5730-1
856	1163986 INSULATOR,GUY STRAIN,24",FIBERGLASS,21,000# MINIMUM BR EACH	13.43	GS21024CP
857	7002483 INSULATOR,GUY,STRAIN,78",FIBERGLASS,21,000# MINIMUM BR EACH	21.45	GS21078CP
858	7010711 ARM,DEADEND ASSEMBLY,FG,8FT,5000 LBS WORKING,10000 LB EACH	197.52	7010711-KU-DEADEND
861	7001285 INSULATOR,SUSPENSION,10",PORCELAIN,30,000# ULT.,5-3/4"X : EACH	18.97	5960A-70
864	7001726 ADAPTER,LIGHTING,SLIP FITTER EACH	20.49	SFADB-001
865	7006156 TAPE,VINYL,ELECTRICAL MARKING,BROWN,FLAME RETARDANT,: EACH	3.35	35-BROWN
866	7006551 BAND,POLE,10,000#,7" TO 10" POLE,4 SECTION,EACH=SET,SET=(EACH	61.25	3105.5
867	7006552 BAND,POLE,10,000#,9" TO 12" POLE,4 SECTION,EACH=SET,SET=(EACH	66.4	3105.6
868	7006553 BAND,POLE,10,000#,11" TO 14" POLE,4 SECTION,EACH=SET,SET- EACH	70.27	3105.7
869	7010125 BRACKET,LIGHTING,SINGLE DIR. FIX. ORN POLE,24",AL,4-1/2" DIA EACH	139.23	FLA12-1
870	7010173 INSERT,BUSHING WELL,15KV,200A,LOADBREAK,COPPER CONTACT EACH	21.41	1601A4
871	7010269 STARTER,LIGHTING,HPS,50W-400W,PLUG-IN TYPE,GE EACH	21.54	35-216710R01
873	931486 CONNECTOR,#12-350KCM,6 POSITION,SET SCREW,NON-SUBMEI EACH	6.67	931486
874	931494 CONNECTOR,#12-350KCM,4 POSITION,SET SCREW,NON-SUBMEI EACH	4.65	931494
875	1243827 BOX,SPLICE,12"X 20"X 12",NON-TRAFFIC,HD POLYETHELENE,W/I EACH	40.42	12201010
876	7010251 INSULATOR,SUSPENSION,10",PORCELAIN,CHOCOLATE/BROWN,: EACH	16	8200
877	7000827 SPREADER,GUY,SIDEWALK,GUY POLE END,2",PIPE,GALV STEEL EACH	14.24	501

878	3000607	PAD,FIBERGLASS,TRANSFORMER,LARGE,42" X 48" X 16" HEIGHT, EACH	267.82	GS424816AB2MG-26X12
900	7000502	CONNECTOR,COMPRESSION,SERVICE,BARE,2/0 STR:2/0 STR,GR# EACH	2.19	36711
901	3001889	CONNECTOR\COMPRESSION-T.SERVICE.1/0 STR-4 STR.INSULATE EACH	0.41	ICS76-1
902	3001891	CONNECTOR\COMPRESSION-T.SERVICE.1/0 STR-2 STR.INSULATE EACH	0.41	ICS77-1
903	3001885	CONNECTOR\COMPRESSION-T.SERVICE.1/0 STR-4 STR.BARE.YELI EACH	0.31	CS76
904	3001890	CONNECTOR\COMPRESSION-T.SERVICE.1/0 STR-2 STR.BARE.YELI EACH	0.31	CS77
908	7000501	CONNECTOR,COMPRESSION,SERVICE,BARE,4/0 STR:4/0 STR,PINI EACH	1.34	KL69-1
910	7003695	CONNECTOR,COMPRESSION,SERVICE,INS,6A:8SOL,BLUE:BROWN EACH	0.41	ICS62-1
911	1156927	CAPACITOR,50KVAR,2400V,60HZBIL,75KVBIL,10KA FAULT DUTY, EACH	373.49	CEP120B1F9
912	7004765	CAPACITOR,100KVAR,2400V,60HZ,75KVBIL,10KA FAULT DUTY,1- EACH	417.69	CEP131B1FB
913	7004766	CAPACITOR,150KVAR,2400V,60HZ,75KVBIL,10KA FAULT DUTY,1- EACH	446.42	CEP132B1FB
914	7004760	CAPACITOR,100KVAR,7200V,60HZ,95KVBIL,10KA FAULT DUTY,1- EACH	405.54	CEP131B6FB
915	7004761	CAPACITOR,150KVAR,7200V,60HZ,95KVBIL,10KA FAULT DUTY,1- EACH	458.58	CEP132B6FB
916	7004762	CAPACITOR,200KVAR,7200V,60HZ,95KVBIL,10KA FAULT DUTY,1- EACH	499.46	CEP140B6FB
917	7004763	CAPACITOR,300KVAR,7200V,60HZ,95KVBIL,10KA FAULT DUTY,1- EACH	618.8	CEP160B6FB
918	7004764	CAPACITOR,400KVAR,7200V,60HZ,95KVBIL,10KA FAULT DUTY,1- EACH	687.31	CEP170B6FB
919	1157035	CAPACITOR,100KVAR,7960V,60HZ,95KVBIL,10KA FAULT DUTY,2- EACH	458.58	CEP131A8FB
920	1157043	CAPACITOR,200KVAR,7960V,60HZ,95KVBIL,10KA FAULT DUTY,2- EACH	563.55	CEP140A8FB
921	1157051	CAPACITOR,300KVAR,7960V,60HZ,95KVBIL,10KA FAULT DUTY,2- EACH	637.59	CEP160A8FB
922	1157060	CAPACITOR,400KVAR,7960V,60HZ,95KVBIL,10KA FAULT DUTY,2- EACH	720.46	CEP170A8FB
924	1156686	BOX,JUNCTION,CAPACITOR,WITH LEADS OF 3'-4'-6' CABLE EACH	386.75	CJB3777N-NN-NN-AN
925	7006210	SENSOR,CURRENT,15KV,LINE POST,60A:1V RATIO,FOR CURRENT EACH	463.16	1301-17A-45142
933	7010131	ARRESTER,DISTRIBUTION,UG,PARKING STAND,10KV,MOV,POLYM EACH	123.98	167PSA-10
934	7001812	CONDUCTOR,OH WIRE,4,CW,BARE,SOLID,40% CONDUCTIVITY,5# POUND	3.59	4-SOLID-CW-COIL-50
935	3002382	GUARD,WILDLIFE,BUSHING SHIELD,POLYMER,DIAMETER - 10.25' EACH	9.62	W-1525R
936	7001095	SHACKLE,ANCHOR,25,000 LB,2-3/16" LONG,5/8" PIN AND COTTE EACH	5.22	ASH-45
939	3002375	DEADEND,TENSION,AUTO,FLEXIBLE BAIL,#4 SOL CU,#6 3&7-STR C EACH	8.17	GD-112
940	3002376	DEADEBD,TENSION,AUTO,FLEXIBLE BAIL,#4 & #2 STR ACSR,AAAC EACH	8.54	GD-4042A
941	7000143	BRACE,CROSSARM,72" SPAN,36" DROP PAIR	24.54	PSCRA7236
942	7001155	SLEEVE,UG,SECTIONALIZING ENCLOSURE,3 PHASE,FITS IIN 70011 EACH	149.23	GS611818MMDMG55X10
943	7006668	SPLICE,TENSION,AUTO,#2 SOL CU,ALSO #4 CU (3-STR ONLY) SEE EACH	5.85	GL-114
944	1164451	TAPE,ELECTRICAL,VINYL,1-1/2"X 8.5 MIL X 66",BLACK,ALL WEATH EACH	2.98	37-08180
945	3002934	CONDUCTOR,OH WIRE,4,CW,BARE,SOLID,40% CONDUCTIVITY,2# POUND	3.93	4-SOLID-CW-SPOOL
946	3000021	CONNECTOR,#4-#14,3 POSITION,SET SCREW,NON-SUBMERSIBLE EACH	4.57	SLC3-0C-P
948	1163678	CLEVIS,INSULATOR,SWINGING,#1 WIRE HOLDER 3/8" PIN DIA,CL EACH	1.83	1948C
949	1163686	CLEVIS,SWINGING,BRACKET,SINGLE SPOOL, LESS INSULATOR EACH	3.13	352
950	7000241	BOLT,EYE,OVAL,5/8",16",GALV,W/SQ NUT,STD PKG = 25 EACH	3.7	29966
952	3003216	CLAMP,TAP,HOT LINE,4/0-#4 MAIN,2-8 TAP,DUAL RATED,W/INH EACH	8.41	SCH-40-P
953	3003217	CLAMP,TAP,HOT LINE,795-336KCM MAIN,1/0-8 TAP,DUAL RATEI EACH	15.16	SCH-6362-P
955	3003856	CONTROL,CAPACITOR,MULTI-FUNCTION EACH	2236.96	238160-J63M7N1P0
956	1244260	JUNCTION,LOADBREAK,15KV,4-WAY,4 POSITION 14.4 KV PHASE EACH	170.53	164J4
957	434035	SPLICE,HEAT SHRINK,500-600 MCM,15KV 1/C CABLE,FOR JACKET EACH	224.6	HVS-1543S-LGE
958	7005839	SEAL,METER,PADLOCK,ORANGE,ALL DEPARTMENTS,METER DEP' EACH	0.11	6170000-4
959	7005843	SEAL,METER,DEMAND,ORANGE,ALL DEPARTMENTS,SELF LOCKIN EACH	0.08	6302000-4
960	3004214	LABEL,KU LOGO,RED LETTERS ON WHITE MYLAR,250 PER ROLL,F ROLL	57.64	3004214
961	531843	LABEL,LG&E LOGO,.3/4" X 1-1/2",GREEN LETTERS ON WHITE MY ROLL	50.02	Y1453310
962	3004354	LABEL\SELF-ADHESVE.480 VOLTS.RED LETTERS ON WHITE MYLAI ROLL	52.91	3004354
963	1243443	DEADEND,ANCHOR,AUTOMATIC,12.5M AW & 3/8" EHS GALV,SH EACH	13.53	5202
964	7002338	CONNECTOR,COMPRESSION,PARTIAL TENSION SPLICE,795 AERI# EACH	20.76	HR556-267AJ
965	3004216	CABLE,UG,15KV,1000KCM AAC,175MIL,17%JCN,PARALLEL,61 STI FOOT	17.13	3004216
966	3004220	CABLE,UG,15KV,350KCM CU,220MIL,JCN(6@#14),PARALLEL,37 S FOOT	19.52	3004220
967	1185901	BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DC EACH	102.71	DUDD-16-A
968	7001713	WIRE,AERIAL SPACER CABLE,15KV,795,AL,POLY,19 STRAND,COM FOOT	2.32	7001713
969	7000394	CONDUCTOR,OH WIRE,795,ALL AL/BARE,37,ARBUTUS POUND	1.59	
973	3004218	CABLE,UG,15KV,1/0 CU,220MIL,JCN(6@#14),PARALLEL,19 STR CI FOOT	7.81	3004218
974	3004219	CABLE,UG,15KV,4/0 CU,220MIL,JCN(6@#14),PARALLEL,19 STR CI FOOT	11.79	3004219
975	3004221	CABLE,UG,15KV,500KCM CU,220MIL,JCN(6@#14),PARALLEL,37 S FOOT	25.47	3004221
981	3005447	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V, EACH	195.36	3005447
982	3005448	LUMINAIRE,FLOOD,PULSE START MH,150W,120/208/240/277V, EACH	186.49	3005448
983	3005449	LAMP,PULSE START,MH,150W EACH	19.78	MP150/U/3K
984	3005450	LAMP,PULSE START,MH,MOGUL BASE,350W EACH	23.21	M350X/U/PS/BT28
985	3005451	LUMINAIRE,CONTEMPARY,MH,PULSE START 350W,HPF,TYPE III, EACH	314.93	3005451

986	3005453	LUMINAIRE,CONTEMPORARY,MH,PULSE START,350W,HPF,TYPE	EACH	314.93	3005453
989	7006519	ARRESTER,STATION,15KV,12.7KV MCOV,POLYMER.6.3 KJ/KV MC	EACH	375.7	3EL1 015-1PC21-4YH5
990	7006035	ARRESTER,STATION,54KV,42KV MCOV,POLYMER	EACH	544.77	3EL2 054-2PF31-4NH5
991	7004751	ARRESTER,STATION,60KV,48KV MCOV,POLYMER	EACH	563.55	3EL2 060-2PF31-4NH5
992	7006504	ARRESTER,STATION,108KV,84/88KV MCOV,POLYMER	EACH	1042.02	3EL2 108-2PM31-4NH5
993	7006216	ARRESTER,STATION,120KV,98KV MCOV,POLYMER	EACH	1179.04	3EL2 120-2PM31-4NH5
994	3005665	ARRESTER,STATION,258KV,209KV MCOV,POLYMER	EACH	2873	3EL2 258-2PM32-4NH5
999	3005862	KU SERVICE STORM KIT	EACH	224.67	
1000	3005698	LUMINAIRE,FLOOD,MH,1000W,480V,107800 LUMENS,7X7,AUTC	EACH	270.73	
1004	7010727	KIT,STORM,FOR KU OVERHEAD,TO BE ISSUED DURING A LEVEL 3	EACH	47994.2	KU STORM KIT
1005	3006388	SPLICE.TENSION.AUTO.REDUCING.BI-METAL.#4 STR CU & #6 CW	EACH	11.77	GL4042A13
1006	7004102	INSULATOR,LINE POST,69KV,HORIZ. EYE,2 HOLE,POLYMER	EACH	185.85	P250024S0020
1007	3002008	BACKFILL,FORM,2-PART KIT,FOR BACKFILL TO STRAIGHTEN AND	KIT	45.9	PS215W
1008	7001248	INSULATOR,LINE POST,69KV,HORIZ. CLAMP,POLYMER	EACH	197.04	P250024S1020
1009	7006174	ARRESTER,INTER,30KV,24.4 MCOV,POLY,TRIPOD BASE/TOP	EACH	329.27	303024-3001
1011	7010761	ASSEMBLY.CROSS ANGLE.3" X 3 1/2" X 5/16".STEEL.13' LONG.10	EACH	215.48	C4432.3B
1012	7000146	BRACE,X,COMPLETE,9',WOOD,9' POLE SPACING.10' CROSSARM I	PAIR	563.55	2094-9-0-CPT
1013	7001744	BRACE\KNEE-T:2-3/4"X3-3/4"X10'-6-1/16":WOOD:10'POLE SPAC	EACH	245.59	C3901.1C-126
1014	7000155	BRACE\KNEE-T:2-3/4"X3-3/4"X13'-4":WOOD:21' POLE SPACING.	EACH	313.1	C3901.1C-160
1015	7000151	BRACE\KNEE-T:2-3/4"X3-3/4"X7'-10":WOOD:10'6" POLE SPACIN	EACH	185.42	C3901.1C-94
1016	7001743	BRACE\KNEE-T:2-3/4"X3-3/4"X9'3-1/2":WOOD:14'6" POLE SPAC	EACH	149.06	C3901.1C-111.5
1017	7000147	BRACE\X COMPLETE-T:3-3/4"X5-3/4":WOOD:10'6" POLE SPACIN	PAIR	651.95	2094-10-6-CPT
1018	7000148	BRACE\X COMPLETE-T:3-3/4"X5-3/4":WOOD:14'6" POLE SPACIN	PAIR	656.37	2094-14-6-CPT
1019	7004514	BRACE\X COMPLETE-T:3-3/4"X5-3/4":WOOD:20'0" POLE SPACIN	PAIR	958.04	2094-20-CPT
1020	7006674	BRACKET,BAY,STAT,7FL,2-1/2"X2-1/2"X1/4",GV ST,2PC	EACH	309.4	AS2613-F4
1021	7001021	BRACKET\STATIC,-T:12"	EACH	23.5	PSC2060820
1022	7001020	BRACKET\STATIC-T:3/4"X14"	EACH	25.12	PSC2060821
1023	7000885	CABLE,GROUND,69KV,INSULATED,#2 SOLID CU,28'-8" LONG,550	EACH	88.09	GW02CU550B-00
1024	7000170	CLAMP,ARM,4-3/4"X5-3/4"	EACH	50.83	B2351.1B
1025	7000169	CLAMP,ARM,5-1/2"X7-1/2"	EACH	47.91	D6351.1
1026	7006705	CLAMP,STRAIN,266 TO 397 ACSR,QUADRANT,4-BOLTS,AL,W/SO	EACH	42.83	SD-86-S
1027	7010156	CLAMP,STRAIN,4-4/0,3/8"-7/16" EHS,7 STRAND,CU,DE,MAL IRO	EACH	39.25	SWDE-55-N
1028	7006707	CLAMP,STRAIN,556-954 ACSR,DE,AL,SOCKET	EACH	63.56	SD-112-S
1029	7003877	CLAMP,SUSPENSION,3/8",7/16" HS STEEL,7 STRAND,DUCTILE I	EACH	32.73	MS-70-S
1030	7010705	CLAMP,SUSPENSION,ALUMINUM SOCKET,TO BE USED ON 266.8	EACH	24.87	HAS-139-S
1031	7001815	CONDUCTOR,OH WIRE,2,CW,BARE,SOLID,40% CONDUCTIVITY,5C	POUND	3.6	2-SOLID-CW-COIL-50
1032	7000114	CROSSARM,WOOD,5-1/2"X7-1/2"X22F,A-3-10.0	EACH	300.39	22'-CROSSARM
1033	7000122	CROSSARM,WOOD,5-1/2"X7-1/2"X30F,A-3-10.5	EACH	405.48	30'-CROSSARM
1034	7000687	FRAME SET,1 POLE STRUCTURE,Z-1-C-4.5-5.3-6.5-FG	EACH	983.45	C4432-L
1036	7003144	INSULATOR,LINE POST,138KV,HORIZ,2.5"ROD,2 HOLE,GAIN B	EACH	246.38	P250048S0020
1039	7006259	INSULATOR,SUSP,161KV DE,POLY,25K LB,Y-CLEVIS/BALL	EACH	102.02	S025066S2010
1040	7004562	INSULATOR,SUSP,69KV DE,POLY,25K LB,Y-CLEVIS/BALL	EACH	67.53	S025032S2010
1041	7001266	INSULATOR,SUSP,69KV SUSP,POLY,25K LB,Y-CLEVIS/BALL	EACH	66.52	S025027S2010
1042	7006475	PLATE,DBL ARM,DA,4"X1/2"X23"	EACH	44.2	D3601.2B
1043	7006725	ROD,ARMOR,PREFORMED,266	EACH	9.4	AR-0127
1044	7010009	ROD,ARMOR,PREFORMED,3/8",GALV	EACH	4.87	AR-1130
1045	7010010	ROD,ARMOR,PREFORMED,397.5 ACSR 26/7,DIA MIN .783 MAX	EACH	19.54	AR-0132
1046	7010130	ROD,ARMOR,PREFORMED,556	EACH	22.92	AR-1035
1047	7005153	ROD,ARMOR,PREFORMED,7/16,GALVANIZED	EACH	7.13	AR-1133
1048	7010688	ROD\ARMOR-T:PREFORMED:795 ASCR 26/7:DIA,1.099 MAX. 1.1:	EACH	40.1	AR-0141
1049	7002070	WEIGHT,FLANGE,50 LBS	EACH	83.7	
1051	7001806	WIRE,STATIC,7-#8,ALWD	FOOT	0.41	
1052	7001807	WIRE,STATIC,7-#9,ALWD	FOOT	0.32	
1054	940751	INSULATOR,GUY STRAIN,78",FIBERGLASS,21,000# MINIMUM BR	EACH	25.71	GS30078CC1
1055	1197560	WIRE,#6,7STR,BARE CU,HD,315' PER SPOOL,SEE WIRE SPECIFICA	FOOT	0.3	6-7STR-HD-CU-SPL
1057	3006978	CAP,END SEALING,CABLE OD RANGE .65"-1.25",HEAT SHRINK,FO	EACH	2.77	ESC-3/A
1058	3006979	CAP,END SEALING,CABLE OD RANGE 1.08"-1.94",HEAT SHRINK,F	EACH	4.11	ESC-4/A
1059	3006980	CAP,END SEALING,CABLE OD RANGE 1.38"-2.58",HEAT SHRINK,F	EACH	6.91	ESC-5/A
1060	3007400	LUMINAIRE,CONTEMPORARY,MH,PULSE START 150W,HPF,TYPE	EACH	248.63	3007400
1062	7001924	GUARD,WILDLIFE,STINGER COVER,POLYMER,3/8",50' COIL	ROLL	176.69	R-38-50SC
1063	3007348	FUSE\POWER.REFILL.SMU-20,10A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612010
1064	3007349	FUSE\POWER.REFILL.SMU-20,15A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612015

1065	3007350	FUSE\POWER.REFILL.SMU-20,20A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612020
1066	3007351	FUSE\POWER.REFILL.SMU-20,25A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612025
1067	3007352	FUSE\POWER.REFILL.SMU-20,30A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612030
1068	3007353	FUSE\POWER.REFILL.SMU-20,40A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612040
1069	3007354	FUSE\POWER.REFILL.SMU-20,50A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612050
1070	3007355	FUSE\POWER.REFILL.SMU-20,65A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612065
1071	3007356	FUSE\POWER.REFILL.SMU-20,80A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612080
1072	3007357	FUSE\POWER.REFILL.SMU-20,100A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612100
1073	3007358	FUSE\POWER.REFILL.SMU-20,125A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612125
1074	3007359	FUSE\POWER.REFILL.SMU-20,150A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612150
1075	3007360	FUSE\POWER.REFILL.SMU-20,175A,E-SPD,STD 153-2.14.4KV.S&C	EACH	122.32	612175
1076	3007339	FUSE\POWER.REFILL.SMU-20,30A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1077	3007340	FUSE\POWER.REFILL.SMU-20,50A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1078	3007341	FUSE\POWER.REFILL.SMU-20,65A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1079	3007342	FUSE\POWER.REFILL.SMU-20,80A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1080	3007343	FUSE\POWER.REFILL.SMU-20,100A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1081	3007344	FUSE\POWER.REFILL.SMU-20,125A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1082	3007345	FUSE\POWER.REFILL.SMU-20,150A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1083	3007346	FUSE\POWER.REFILL.SMU-20,175A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1084	3007347	FUSE\POWER.REFILL.SMU-20,200A,E-SPD,SLOW 119-2.14.4KV.S&	EACH	122.32	
1085	938578	CABLE,600V/UG,500-500-500-350,4/C AAC QUADRUPLX,XLPE,V FOOT		5.19	WOODFORD
1086	3007840	PIN,POLE TOP,1-3/8" THREAD,20" HIGH,GALVANIZED	EACH	8.78	2195
1087	7002537	PLUG,CONNECTOR,MODULAR SPLICE,W/O STUD	EACH	46.32	K650CP
1088	7003868	ROD,ANCHOR,EXTENSION,3/4"X24",GALV STL,W/U-BOLT	EACH	30.59	SFAE246TN2
1090	7001343	LAMP,HPS,4000L,50W	EACH	7.58	LU50/H/ECO
1091	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5	EACH	7.07	LU70/H/ECO
1092	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,	EACH	7.58	LU100/H/ECO
1093	7001346	LAMP, HPS, #S66MN-200	EACH	9.08	LU200/H/ECO
1095	7001355	LAMP,INCAND MULT,2500L,205W,125V	EACH	3.07	205PS25/12
1096	7001354	LAMP,INCAND MULT,4000L,327W,125V	EACH	3.72	327PS35
1100	7005978	LAMP,MH,14000L V - 12000L H,175W	EACH	10.27	MH175/U/TU
1101	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	11.16	MVR400/U
1102	7005980	LAMP,MH,110000L V - 107800L H,1000W	EACH	22.98	MVR1000/U
1103	7006353	PIN,INSULATOR,SHORT SHANK,5/8"X1-1/2",STEEL,NYLON	EACH	4.71	J222Z
1104	7003420	BRACE,WOOD,ALLEY ARM,76"REVERSIBLE AT POLE UNDERARM :	EACH	66.54	RAAB-76
1105	3010452	ANCHOR,ROCK,EXPANDING,1" DIA ROD,53" LONG,NEEDS HOLE :	EACH	47.43	R153L
1115	3011340	TAG,NUMBER 0(ZERO),HORIZONTAL,1",BLACK CHARACTER ON Y	EACH	0.13	UE-TH000
1116	3011341	TAG,NUMBER 1(ONE),HORIZONTAL,1",BLACK CHARACTER ON YE	EACH	0.13	UE-TH001
1117	3011342	TAG,NUMBER 2(TWO),HORIZONTAL,1",BLACK CHARACTER ON Y	EACH	0.13	UE-TH002
1118	3011343	TAG,NUMBER 3(THREE),HORIZONTAL,1",BLACK CHARACTER ON	EACH	0.13	UE-TH003
1119	3011344	TAG,NUMBER 4(FOUR),HORIZONTAL,1",BLACK CHARACTER ON Y	EACH	0.13	UE-TH004
1120	3011345	TAG,NUMBER 5(FIVE),HORIZONTAL,1",BLACK CHARACTER ON YE	EACH	0.13	UE-TH005
1121	3011346	TAG,NUMBER 6(SIX) OR 9(NINE),HORIZONTAL,1",BLACK CHARAC	EACH	0.13	UE-TH006
1122	3011347	TAG,NUMBER 7(SEVEN),HORIZONTAL,1",BLACK CHARACTER ON	EACH	0.13	UE-TH007
1123	3011348	TAG,NUMBER 8(EIGHT),HORIZONTAL,1",BLACK CHARACTER ON	EACH	0.13	UE-TH008
1124	3011349	TAG,CUSTOM KU,HORIZONTAL,1",BLACK CHARACTER ON YELLO	EACH	0.13	UE-TH1493
1125	3011350	TAG,NUMBER 0(ZERO),3",BLACK CHARACTER ON YELLOW BACK	EACH	1.04	UE-TR300-.125
1126	3011351	TAG,NUMBER 1(ONE),3",BLACK CHARACTER ON YELLOW BACKR	EACH	1.04	UE-TR301-.125
1127	3011352	TAG,NUMBER 2(TWO),3",BLACK CHARACTER ON YELLOW BACKF	EACH	1.04	UE-TR302-.125
1128	3011353	TAG,NUMBER 3(THREE),3",BLACK CHARACTER ON YELLOW BACK	EACH	1.04	UE-TR303-.125
1129	3011354	TAG,NUMBER 4(FOUR),3",BLACK CHARACTER ON YELLOW BACKI	EACH	1.04	UE-TR304-.125
1130	3011355	TAG,NUMBER 5(FIVE),3",BLACK CHARACTER ON YELLOW BACKR	EACH	1.04	UE-TR305-.125
1131	3011356	TAG,NUMBER 6(SIX) OR 9(NINE),3",BLACK CHARACTER ON YELL	EACH	1.04	UE-TR306-.125
1132	3011357	TAG,NUMBER 7(SEVEN),3",BLACK CHARACTER ON YELLOW BACH	EACH	1.04	UE-TR307-.125
1133	3011358	TAG,NUMBER 8(EIGHT),3",BLACK CHARACTER ON YELLOW BACK	EACH	1.04	UE-TR308-.125
1134	3011359	HOLDER,TAG,HORIZONTAL,POLYETHYLENE TYPE,FOR 7-3" NUME	EACH	6.74	PH307HP
1135	3011360	HOLDER,TAG,VERTICAL,POLYETHYLENE TYPE,FOR 7-3" NUMBER	EACH	6.05	PH307VP
1136	3011361	HOLDER,TAG,HORIZONTAL,POLYETHYLENE TYPE,FOR 5-1" NUME	EACH	0.27	TH-05P
1137	3011362	HOLDER,TAG,HORIZONTAL,POLYETHYLENE TYPE,FOR 11-1" NUM	EACH	0.34	TH-11P
1138	3011363	TAG,CUSTOM LG&E,HORIZONTAL,1",BLACK CHARACTER ON YELI	EACH	0.14	UE-TH1492
1139	3011364	TAG,CUSTOM ODP,HORIZONTAL,1",BLACK CHARACTER ON YELLI	EACH	0.14	UE-TH1495
1140	3011365	TAG,CUSTOM TEL,HORIZONTAL,1",BLACK CHARACTER ON YELLO	EACH	0.14	UE-TH1494

1142	3010215	POLE,ALUMINUM,28' MTH,33' LONG,BLACK,HANDHOLE,2EA 1-3 EACH	896.16	B19262
1143	3011389	BASE,ALUMINUM,ORNAMENTAL COVER,CHESAPEAKE/FRANKLIN EACH	207.74	A82340-002
1144	3011391	BASE,ORNAMENTAL COVER,NORFOLK/ESSEX/GRAND SERIES,BL F EACH	409.96	A19270
1145	3011390	POLE,ALUMINUM,12' MTH,15' LONG,BLACK,HANDHOLE,2EA 1-3 EACH	204.43	B19263-012
1146	3011392	POLE,AL,4" SQ,20' LONG,16' MTH,DK BRZ,HANDHOLE,2EA 1-3/4" EACH	448.63	B19672
1147	3010216	POLE,ALUMINUM,11' LONG,8' MTH,BLACK,HANDHOLE,2EA 1-3/4" EACH	180.12	B19263-008
1148	3010220	POLE,ALUMINUM,BLACK,STRAIGHT SMOOTH,10' MOUNTING H EACH	195.59	B19266
1149	3010222	POLE,ALUMINUM,10' MTH,13' LONG,BLACK,WITH HANDHOLE,2I EACH	216.58	B19263-010
1150	3010218	POLE,ALUMINUM,29',BRONZE,ANCHOR BASE,3" TENON FOR SIN EACH	729.3	B19261
1151	3010217	POLE,ALUMINUM,30' MTH,35' OVERALL,HANDHOLE,2EA 1-3/4" EACH	665.21	B19260
1152	3010223	ARM,ALUMINUM,8',PAINTED BLACK, W/MOUNTING HARDWARE EACH	137.02	A19259
1153	933235	ARM,MAST,DOUBLE,42",BRONZE,5 DEGREE RISE,ALUMINUM,2" EACH	247.52	A19258
1154	933227	ARM,MAST,SINGLE,42",BRONZE,5 DEGREE RISE,ALUMINUM,2" EACH	201.11	A19257
1155	3010219	POLE,ALUMINUM,18' BLACK,14' MTH, WITH HANDHOLE,2EA 1-3 EACH	239.79	B19264-014
1156	3010221	POLE,ALUMINUM,BLACK,STRAIGHT FLUTED,10 FT MOUNTING H EACH	223.21	B19265
1157	3010212	POLE,AL,20',BRZ,16' MTH DIR EMBEDDED,HANDHOLE,2EA 1-3/4" EACH	247.52	B19264-016
1158	3010224	BASE,ORNAMENTAL COVER,HOMEWOOD LARGE,BLACK,14" DIA EACH	459.68	25114-002P1
1159	3000799	INSULATOR,SUSPENSION,35KV,POLYMER,23" LONG,7500# WOR EACH	67.43	405004-1400
1160	3011456	SWITCH,GRP OP,15KV,900A,LB,HORZ MT,UPRIGHT,SIDE OPENIN EACH	2484.21	AR113FHHL
1162	3011912	BRACKET.ARRESTER.TRANSFORMER TANK MOUNTING.WITH BO EACH	8.69	U-35935
1163	3011791	CAP,INSERT,INSULATED,25KV,200A,LOADBREAK,WITH COPPER C EACH	27.58	273DRG
1164	3011750	ARRESTER,DISTRIBUTION,UG,ELBOW,25KV INTERFACE,18KV,MO EACH	106.53	273ESA-18
1166	7006147	CONDUIT,FLEXIBLE,1",LIQUID TIGHT,NON-METALLIC FOOT	1.52	15008-100
1167	7002169	STIRRUP,TANGENT BRACKET EACH	8.63	TS-1
1168	3009123	ARM,DEADEND,ASSEMBLY,FG,10FT,5000 LBS WORKING,10000 L EACH	280.12	DA3000-120E4-B92
1169	7001036	SOCKET,Y-CLEVIS,30000 LB,52-5 EACH	15.19	syc-56
1170	7003213	OPTIC ASSY\LIGHTING-T.COLONIAL FIXTURE.ACRYLIC-CLEAR TOV EACH	29.08	35-963160-01
1172	3012003	CABLE.CONTROL.2/C #6 AWG.CU..045" PE/.025" PVC INSUL.600' FOOT	2.43	3012003
1173	3011994	CABLE.CONTROL.2/C #8 AWG.CU..045" PE/.015" PVC INSUL.600' FOOT	1.77	3011994
1175	3012004	CABLE.CONTROL.4/C #10 AWG.(7X) CU..020" PE/.010" PVC INSU FOOT	2.11	3012004
1176	3011997	CABLE.CONTROL.9/C #10 AWG.(7X) CU..020" PE/.010" PVC INSU FOOT	3.26	3011997
1177	3012005	CABLE.CONTROL.12/C #10 AWG.(7X) CU..020" PE/.010" PVC INSI FOOT	4.49	3012005
1178	3011999	CABLE.CONTROL.9/C #12 AWG.(7X) CU..020" PE/.010" PVC INSU FOOT	3.15	3011999
1179	3012000	CABLE.CONTROL.9/C #16 AWG.(7X) CU..015" PE/.010" PVC INSU FOOT	1.9	3012000
1180	3012001	CABLE.CONTROL.19/C #10 AWG.(7X) CU..020" PE/.010" PVC INSI FOOT	6	3012001
1181	3012002	CABLE.CONTROL.19/C #12 AWG.(7X) CU..020" PE/.010" PVC INSI FOOT	4.8	3012002
1182	1200394	CONNECTOR,SPLIT BOLT,1STR TO 8SOL,PLATED EACH	2.64	1HPS
1183	3012804	ASSEMBLY,CROSS ANGLE,6" X 4" X 5/16",STEEL,17" LONG,14'-6" EACH	581.23	D7-64.516.170
1185	3011995	CABLE.CONTROL.2/C #9 AWG.(19X)CU.020" PE/.010" PVC INSUL FOOT	1.83	3011995
1186	7001969	DISCONNECT,IN-LINE,NON-LOADBREAK,25KV,600A EACH	182.33	127.1
1187	3013204	CABLE.CONTROL.4/C #6 AWG CU..045" PE/.010" PVC INSUL.600' FOOT	3.96	3013204
1188	7006609	CLAMP,STRAIN,2-2/0 ACSR,7#9-7#8 AW,DE,AL,SOCKET EACH	36.33	SD-57-S
1189	3006888	ROD\ARMOR-T.PREFORMED.7#8 EACH	11.76	AR-2128
1190	7003680	TERMINAL,RING,NONINSULATED,R 12-10,#10 STUD EACH	0.19	322455
1191	7003679	TERMINAL,RING,NONINSULATED,R 14-12,#10 STUD EACH	0.15	321828
1192	3011743	LABEL,ODP LOGO,3/4" X 1-1/2",RED LETTERS ON WHITE MYLAR, ROLL	45	3011743
1194	3013267	BRACKET,LIGHTING.SINGLE DIRECTIONAL FIXTURE.BLACK,24",AL EACH	171.28	70837-001P1
1195	3013268	BRACKET\LIGHTING.SINGLE DIRECTIONAL FIXTURE.SMOOTH BR EACH	171.28	70837-P171
1196	3013330	ADAPTER,LIGHTING,SLIP FITTER,BLACK EACH	29.06	SFABL-001
1197	3013942	REPAIR KIT,FIBERGLASS,CORNER,MUNSELL GREEN EACH	49.92	NRK3MG
1198	3013941	REPAIR KIT,FIBERGLASS EACH	79.28	NRK2
1199	7006229	ARRESTER,STATION,10KV,8.4KV MCOV,POLYMER EACH	258.57	3EL-010-1PC214YH5
1200	3013318	WIRE,SWITCHBOARD,SIS,1C,12 AWG,7/20T,600V,90C,.030 XLPE FOOT	0.24	3013318
1201	3013940	PATCH,REPAIR,SELF-ADHESIVE,FIBERGLASS,12" X 12" EACH	89.26	PATC100-1212HP
1202	1159186	RACK,CAPACITOR ASSY,3 UNIT,400KVAR MAX,POLE MOUNTING, EACH	613.28	CER156M1
1203	7000171	ARRESTER,SECONDARY,175/350V EACH	33.99	Z2-175-OA
1204	7003436	SWITCH,VACUUM,15KV,200A EACH	1000.31	VSV-1X3BA2X00060
1205	7005759	SOCKET,METER,6 TERMINAL,CAPACITOR CONTROL,POLE MOUN EACH	100.61	2101BSA
1207	395251	SOCKET,EYE,AGS,1.006"-1.557"DIA. CONDUCTORS,3/4" EYE,GAL EACH	9.84	SE-5154
1208	3001789	ADHESIVE\EPOXY-T.CONDUIT.HDPE/PVC/METAL/FG.2-PART RES KIT	66.18	BONDUIT-BT-KIT
1209	3011744	CONTROL,CAPACITOR,MICROPROCESSOR,MULTI-FUNCTIONAL,L EACH	1044.23	40-057871-029
1210	3013166	CLIP\SAFETY.3/4" BOLT TO ATTACH SAFETY HARNESS ON LATTIC EACH	5.91	TVA75NHAPG

1211	3013171	CLIP\SAFETY.FOR 7/8" BOLT TO ATTACH SAFETY HARNESS ON LA	EACH	5.91	TVA87NHAPG
1212	7001080	SHACKLE,ANCHOR,72000 LB,BOLT/NUT/COTTER KEY	EACH	35.43	AS-60-BNK
1213	7001086	SHACKLE,ANCHOR,25000 LB,BOLT/NUT/COTTER KEY	EACH	8.98	AS-25L-BNK
1214	7001096	CLEVIS,EYE,25000 LB,Y-STRAIGHT (PINS 90 DEG)	EACH	23.64	YCS-06-90
1215	7001098	CLEVIS,EYE,30000 LB,Y-STRAIGHT (PINS 90 DEG)	EACH	19.07	YCS-05-90-30
1216	7001099	CLEVIS,EYE,30000 LB,Y-TWISTED (PINS PARALLEL)	EACH	19.86	YCS-07
1217	7003640	WASHER,CURVED,4" X 4" X 1/4",GALV,FOR 7/8" BOLT	EACH	2.28	CW80
1218	7005747	YOKE,STRAIN,30000 LB	EACH	53.68	YPD-30-23883
1219	7005804	CONTROL,CAPACITOR,TIME,TEMPERATURE & VOLTAGE,WITH D/	EACH	1004.19	238010-J40
1220	7006394	SOCKET,EYE,30000 LB	EACH	13.17	SA-10
1221	7006539	CONTROL,CAPACITOR,ADAPTIVE	EACH	1618.55	4410N-PTE-SJ71A
1222	7010762	ANCHOR\HELIX-T.7" ROD:TRIPLE SQUARE SHAFT 8"/10"/12"	EACH	121.03	012642AEJ
1223	7010152	CLAMP,STRAIN,397-1272 ACSR (WIDE RANGE),DE,AL,NONE	EACH	89.33	SD-130-S
1224	7010257	CLAMP,SUSPENSION,1-300 CU,MAL IRON,NONE	EACH	18.93	MS-70-N
1225	7010704	CLAMP,SUSPENSION,ALUMINUM SOCKET,TO BE USED ON 556.5	EACH	28.65	HAS-182-S
1226	7010699	CLAMP\SUSPENSION-T:4-4/0 CU:MAL IRON:0.20"- 0.60":SOCKET	EACH	21.8	MS-60-S
1227	7002487	CONDUCTOR,OH WIRE,2,CU-SD/BARE,SOLID (200LB REELS)	POUND	5.27	7002487
1228	938601	ROD,ARMOR,2/0 ACSR	EACH	7.08	AR-0120
1229	1197701	ROD,ARMOR,3/0 ACSR 6/1,195.7 ACAR 4/3,DIA. MIN .491 MAX .	EACH	8.81	AR-0122
1230	1159551	SWITCH,OIL,NR REMOTE CONTROL,14.4KV,200A W/O COUNTER	EACH	483.34	
1231	3000031	CAPACITOR,ASSY,12.47KV,FIXED,450KVAR,GROUNDED WYE,CON	EACH	2307.71	
1232	7004767	CAPACITOR,ASSY,12.47KV,FIXED,300KVAR,GROUNDED WYE,CON	EACH	2148.59	
1233	7004770	CAPACITOR,ASSY,12.47KV,FIXED,600KVAR,GROUNDED WYE,CON	EACH	2430.35	
1234	7004772	CAPACITOR,ASSY,12.47KV,SWITCHED,600KVAR,GROUNDED WYE	EACH	6547.7	
1235	7004775	CAPACITOR,ASSY,12.47KV,SWITCHED,900KVAR,GROUNDED WYE	EACH	7061.3	
1236	7004782	CAPACITOR,ASSY,12.47KV,SWITCHED,1200KVAR,GROUNDED WY	EACH	7111.25	
1237	3014577	CABLE,CONTROL,4/C #4 AWG CU,7 STR BARE SD CU,HEAT AND N	FOOT	7.14	382787
1238	7000488	CONNECTOR,COMPRESSION,TENSION SLEEVE,4 SOL,CU,2-3/4" L	EACH	2.33	OH4C
1239	7010343	DUCT,SPLIT,PVC,2"X 10',SCH 40	FOOT	2.34	49011SD-010
1240	1192419	DUCT,SPLIT,PVC,4"X 10',SCH 40	FOOT	6.25	49015SD-010
1241	438427	COVER,TERMINAL,TRANSFORMER SPADE,MAX OF 8 SERVICE CAI	EACH	17.51	LK-XL
1242	7000493	CONNECTOR,COMPRESSION,TENSION SLEEVE,397A 26/7,AL	EACH	42.16	CJ096
1243	7000617	CONNECTOR,BOLTED,TAP LUG,2/0 SOL-1000,1/4 BLT,BZ,2	EACH	20.9	TLD89
1244	7001061	BALL,EYE,30000 LB,52-5	EACH	6.6	BE30
1245	7003829	CONNECTOR,BOLTED WEDGE,STIRRUP,795 SPACER ONLY	EACH	42.11	636556
1246	7003879	SOCKET,EYE,20000 LB,52-3/52-5	EACH	7.27	SA04
1247	7004034	CONNECTOR,COM,SERVICE,BARE,2/0STR:2/0STR,GRAY,GRAY	EACH	0.31	CS85
1248	399627	TIE,CABLE,BLACK,.35"X17-3/4",175# TENSIL ST.,WEATHER RESIST	EACH	0.84	PLT5H-LO
1249	3001797	BOLT.SHOULDER EYE.ROD END 3/4"X12-1/2".13/16" PUNCHED E	EACH	48.62	C3901.2C
1250	3013682	BOLT,HOOK,HOLD DOWN WEIGHT,1-4,12",MAX NUMBER OF WI	EACH	32.05	HDWH504
1253	7000223	BOLT,DBL ARM,3/4"X28",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	6.57	DABOLT3428
1254	7000227	BOLT,DOUBLE ARM,7/8"X22",ALL THREAD,GALV,W/4 SQ NUTS,S	EACH	9.08	DABOLT7822
1255	7000228	BOLT,DOUBLE ARM,7/8"X24",ALL THREAD,GALV,W/4 SQ NUTS,S	EACH	10.08	DABOLT7824
1256	7000229	BOLT,DBL ARM,7/8"X26",ALL THREAD,GALV W/4 SQ NUTS STD P	EACH	9.77	DABOLT7826
1257	7000230	BOLT,DOUBLE ARM,7/8"X28",ALL THREAD,GALV,W/4 SQ NUTS,S	EACH	10.52	DABOLT7828
1258	7000231	BOLT,DOUBLE ARM,7/8"X30",ALL THREAD,GALV,W/4 SQ NUTS,S	EACH	11.27	DABOLT7830
1259	7000243	BOLT,SHOULDER EYE,3/4",10-1/2",GALV STL,W/COT KEY	EACH	42.5	D6730.3-10-1/2
1260	7000275	BOLT,MACHINE,SQ HD,3/4" X24",GALV,W/SQ NUT	EACH	4.92	MB3424
1261	7000279	BOLT,MACH,SQ HD,7/8"X 14",GALV,W/SQ NUT STD PKG = 25	EACH	3.48	MB7814
1262	7000280	BOLT,MACH,SQ HD,7/8"X 16",GALV,W/SQ NUT STD PKG = 25	EACH	4.24	MB7816
1263	7000281	BOLT,MACH,SQ HD,7/8"X 18",GALV,W/SQ NUT	EACH	4.77	MB7818
1264	7000284	BOLT,MACHINE,7/8"X 24",GALV STL,W/SQ NUT	EACH	6.36	MB7824
1265	7000322	NUT,BOLT,3/4",GALV STL,10	EACH	0.45	J8564
1266	7000323	NUT,BOLT,7/8",GALV STL,9	EACH	1.39	J8564-1/2
1267	7000477	CONNECTOR,COMPRESSION,TENSION SLEEVE,3/8 STR,STL	EACH	23.78	4918.386
1268	7000478	CONNECTOR,COMPRESSION,TENSION SLEEVE,7/16 STR,STL	EACH	33.62	4916.453
1269	7000492	CONNECTOR,COMPRESSION,TENSION SLEEVE,795A 26/7,AL,USI	EACH	47.5	CJ126
1270	7000506	CONNECTOR,COMPRESSION,JUMPER SLEEVE,795A 26/7,AL,USE	EACH	27.14	JC12
1271	7000545	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,1-2,AL	EACH	4.19	ALS-4
1272	7000603	PLATE,TRANSITION,4 HOLE,3"X3"	EACH	4.72	TP-C
1273	7000604	PLATE,TRANSITION,2 HOLE,1-1/2"X3"	EACH	3.57	TP-B
1274	7000806	THIMBLE,GUY,WIRE,1/2",OPEN PATTERN,GALV STD PKG = 250	EACH	1.18	J1058

1276	1164401	TAPE,ELECTRICAL,VINYL,3/4" X 8.5 MIL X 66',BLACK,ALL WEATHE	EACH	1.49	37-09180
1277	7001005	LINK,CHAIN,30000 LB	EACH	4	LK30
1278	7001016	PIN,INSULATOR,POST INS,3/4"X7-1/2",STEEL	EACH	4.13	10187A
1279	7001024	CLIP,BONDING,7/8",BOLT	EACH	1.25	D6727.4
1280	7001025	CLIP,BONDING,3/4",BOLT	EACH	1.05	D6727.3
1281	7001031	EYENUT,OVAL,FOR 7/8" BOLT,GALV,25,000# ULT.	EACH	15.91	EN80
1282	7001077	SHACKLE,HOLD-DOWN,10000 LB	EACH	34.79	88017-2000
1283	7001082	SHACKLE,ANCHOR,50000 LB,BOLT/NUT/COTTER KEY	EACH	17.34	AS-50W-BNK
1284	7001731	GRIP,GUY,PREFORMED,1/2",BLUE,GALV STL	EACH	9.58	BG-2115
1285	7003343	CONNECTOR,COMPRESSION,TENSION SLEEVE,556A,26/7,ALO	EACH	43.16	CJ106
1286	7003582	GAIN,GRID,CURVED,CROSSARM,6-3/4"X4",15/16" HOLE	EACH	11.2	GCA747
1287	7003723	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,15 DEG,397 ACS	EACH	27.23	TF09
1290	7003889	CONNECTOR,BOLTED,TAP LUG,6-250,2-5/8 BOLT,BRZ,1	EACH	5.14	TLS-42
1291	7003924	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,15 DEG,266ACSF	EACH	25.5	TF07
1292	7003959	WASHER,FLAT,SQUARE,4" X 4" X 1/4",FOR 7/8" BOLT,GALV STL.	EACH	1.59	6819
1293	7003993	ROD,ANCHOR EXTENSION,1"X18",CLEVIS,GALV STEEL	EACH	46.33	D-1099-0006
1294	7004010	SHAFT,HELIX ANCHOR EXTENSION,SQUARE,3-1/2F	EACH	44.69	ANCHOR-EXT-BAR-3-1.5
1295	7004123	CONNECTOR,COMPRESSION,TENSION SLEEVE,7 #9,AW	EACH	22.28	4912.359
1296	7004125	CONNECTOR,COMPRESSION,TENSION SLEEVE,7 #8,AW	EACH	22.83	4914.406
1297	7004306	BOLT,MACH,SQ HD,3/4"X 26" GALV,W/SQ NUT	EACH	4.87	MB3426
1298	7004309	CONNECTOR,COMPRESSION,JUMPER SLEEVE,556.5 ACSR.26/7.U	EACH	21.32	JC10
1299	7004313	CONNECTOR,COMPRESSION,JUMPER SLEEVE,954A 45/7,AL	EACH	29.85	JC13
1300	7005083	GAIN,GRID,CURVED,CROSSARM,4"X4",15/16" HOLE	EACH	3.89	PG44
1301	7005778	ASSEMBLY,DEAD END,795A 26/7,VERT EYE,DOUBLE TONGUE	EACH	145.89	VED126
1302	7006153	CONNECTOR,COMPRESSION,2 HOLE TERMINAL,750MCM	EACH	20.24	AL44P
1303	7006266	ATTACHMENT,GUY,BOLT-ON VANG,STATIC WIRE AND GUY	EACH	22.19	2817-15
1304	7006267	ATTACHMENT,GUY,BOLT-ON VANG,CONDUCTOR ATTACHMENT	EACH	66.3	A2132-E
1305	7006268	ATTACHMENT,GUY,BOLT-ON VANG,CONDUCTOR GUYING	EACH	87.3	A2132-D
1306	7006510	BOLT\MACHINE-T:7/8":3":GALV STL:NUT/COTTER KEY	EACH	3.8	B83D-2/WMF80
1307	7006577	PIN,INSULATOR,POST INS,3/4"X2-3/16",STEEL	EACH	3.36	J25249.1
1308	7006696	SPACER,TWIN ARM,PIPE,STANDARD,1"X7-1/2"	EACH	10.09	D6100.7-1/2
1309	7010030	ASSEMBLY,DEAD END,397A 26/7,VERT EYE,DOUBLE TONGUE	EACH	108.27	VED096
1310	7010032	ASSEMBLY,DEAD END,556A 26/7,VERT EYE,DOUBLE TONGUE	EACH	117.95	VED106
1311	7010036	ASSEMBLY,DEAD END,954A 45/7,VERT EYE,DOUBLE TONGUE	EACH	156.57	VED133
1312	7010654	WASHER\BOLT-T:SQUARE CURVED:6"X6"X1/2":1-1/16":	EACH	19.71	D6612.C-1
1313	7010170	CROSSARM,WOOD,4-3/4"X5-3/4"X16F	EACH	112.49	7010170
1314	7000103	CROSSARM,WOOD,4-3/4"X5-3/4"X8F,A-3-9.0	EACH	55.36	7000103
1315	7000105	CROSSARM,WOOD,4-3/4"X5-3/4"X10F,A-3-9.0	EACH	69.06	7000105
1316	1164286	TAPE,FIRE & ARC PROOF,3"X .030"X 20 FT USED FOR FIRE PROOF	EACH	11.5	77W-3X20F
1317	7000320	NUT,BOLT,1/2",GALV STL,13	EACH	0.21	J8562
1318	7001347	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE	EACH	8.42	LU400/H/ECO
1319	7001348	LAMP,MERCURY VAPOR,175W,DELUXE WHITE,MOGUL BASE,24,	EACH	5.51	HR175DX39
1320	7001349	LAMP,MERCURY VAPOR,250W,DELUXE WHITE,MOGUL BASE,24,	EACH	6.39	HR250DX37
1321	7001350	LAMP,MERCURY,400W,DELUXE WHITE,MOGUL BASE,24,000 HO	EACH	7.32	HR400DX33
1322	3014861	SPLICE,TENSION,AUTO,3/8" EHS GUY WIRE, RATED TO HOLD MII	EACH	21.29	GLS-5042
1323	3014862	SPLICE,TENSION,AUTO,7/16" EHS GUY WIRE, RATED TO HOLD M	EACH	25.57	GLS-5043
1324	933343	SPLICE,REPAIR,KIT,15KV,MOLDED,#2 AL OR CU,175/220 MIL,JCN	EACH	89.34	5411R-CIR-21
1325	3014901	SWITCH,RECLOSER BYPASS,14.4KV,900A,110KVBIL,3 PULL OPER/	EACH	2071.6	BP3R5CLY
1326	3000397	COVER,SPLICE,SUBMERSIBLE,14-350,4-7/16"L	EACH	2.45	FSS-350
1327	7000884	STRAP,CABLE,HENDRIX GROUND,1"	EACH	0.19	513
1328	3015303	CROSSARM,FG,TANGENT,3-5/8"X4-5/8"X8",CENTER MOUNT,640	EACH	106.61	TB200009603X2
1329	3015304	CROSSARM,FG,TANGENT,3-5/8"X4-5/8"X10",CENTER MOUNT,60	EACH	142.55	TB250012005X2
1330	3016399	LUMINAIRE.FLOOD.PULSE START MH.150W.120/208/240/277V.	EACH	244.33	PF4S15P0A26X6DB446
1331	3006959	RING,9",GE ACORN GLOBE	EACH	13.75	805340
1332	3016731	CABLE GRIP AND PLUG ASSEMBLY.FOR COOPER JUNCTION BOX.I	EACH	7.46	CCR190M5
1333	3016732	CABLE GRIP AND PLUG ASSEMBLY.FOR COOPER JUNCTION BOX.I	EACH	7.46	CCR190M3
1334	3016733	CABLE GRIP AND PLUG ASSEMBLY.FOR COOPER JUNCTION BOX.I	EACH	8.01	CCR190M2
1335	7010608	ELBOW,CONDUIT,PVC,3"XSTD,SCH 40,90 DEG,DEEP SOCKET,GRE	EACH	6.13	5233830
1336	3016896	CABLE,OH,TRIPLEX,#2 AL W/ #4 ACSR NEUTRAL,XLP,1000' REEL	EACH	0.66	cockle 1000
1337	3018110	ARRESTER\STATION-T.15KV.12.7KV MCOV.POLYMER.10 KJ/KV M	EACH	382.57	3EL2 015-2PC31-4NH5
1338	3016576	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,	EACH	227.01	PF4S35E0A26X5DB445
1339	7002432	COUPLING,CONDUIT,PVC,1",MALE ADAPTER	EACH	0.25	E943F

1340	3005683	LUMINAIRE,CONTEMPORARY,MH,PULSE START 350W,AUTO REG EACH	264.1	DSME35E0A2GMC3DB341
1341	1197678	CABLE,OH,TRIPLEX,#4/0,7STR,XLP,1000' REEL	1.71	
1342	3015377	LUG.TERMINAL.BRONZE.BOLTED.#4-600.2-9/16" HOLES ON 1-3/4" EACH	49.76	
1343	3010225	BASE,ORNAMENTAL COVER,AMERICAN CLAM SHELL SERIES,BLA	255.26	74158-002P1
1344	1197694	CABLE,OH,QUADRUPLX,4/0,AL,19-STRAND,XLPE,90 DEGREE C,V FOOT	1.89	Appaloosa
1345	3020373	PAD,FIBERGLASS,TRANSFORMER,LARGE,42" X 52" X 16" HEIGHT, EACH	371.5	GS-42-52-16-AB-2-MG-26X12
1346	3021076	ANCHOR,EXTENSION,SQUARE SHAFT,1-1/2" DIA X 37" (MIN) LONG EACH	43.19	TAE-150-42
1347	3021077	ANCHOR,EXTENSION,SQUARE SHAFT,1-1/2" DIA X 42" (MIN) LONG EACH	70.21	TAE-150-42-14
1348	3021078	ANCHOR,EXTENSION,SQUARE SHAFT,1-1/2" DIA X 80" (MIN) LONG EACH	68.23	TAE-150-84
1349	3021079	ANCHOR,SQUARE SHAFT,1-1/2" DIA X 30" (MIN) LONG,WITH DO	64.69	TAF-150-36-8-10
1350	3021080	ANCHOR,SQUARE SHAFT,1-1/2" DIA X 57" (MIN) LONG,WITH TRI	99.39	TAF-150-66-8-10-12
1351	3021081	ANCHOR,SQUARE SHAFT,1-1/2" DIA X 120" (MIN) LONG,WITH Q	170.17	TAF-150-126-8-10-12-14
1352	3022316	TERMINATION KIT,COLD SHRINK,INDOOR,15KV,750-1000KCMIL, EACH	60.33	7645-T-110-LGE
1353	3022317	TERMINATION KIT,COLD SHRINK,INDOOR,15KV,350-500KCMIL, EACH	53.26	7642-T-110-LGE
1354	3022318	TERMINATION KIT,COLD SHRINK,INDOOR,15KV,#2-1/0,FOR JACK EACH	37.9	7642-T-110-LGE
1357	7003158	PLATE,DBL ARM,DA,4"X1/2"X30",A572 GR. 50 STEEL,A-3-10.7 FR EACH	34.81	C3901.9A
1358	3005451	LUMINAIRE,CONTEMPARY,MH,PULSE START 350W,HPF,TYPE III, EACH	314.93	TRU35PWW3FBKHPTT4
1359	3005453	LUMINAIRE,CONTEMPORARY,MH,PULSE START,350W,HPF,TYPE EACH	314.93	TRU35PW23FBKHPTT4
1360	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE EACH	303.88	TRU70SW23FBKHPTT4
1361	7001320	LUMINAIRE,CONTEMPARY,HPS,100W,120V,NPF,TYPE III,9500 LU EACH	303.88	TRU10SW23FBKHPTT4
1362	7001321	LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,12I EACH	303.88	TRU20SW23FBKHPTT4
1363	7001322	LUMINAIRE,CONTEMPARY,HPS,400W,120V,HPF,TYPE III,50000 L EACH	309.4	TRU40SW23FBKHPTT4
1364	7003896	LUMINAIRE,CONTEMPARY,HPS,400W,277V,HPF,TYPE III,50000L, EACH	309.9	TRU40SWW3FBKHPTT4
1365	3005698	LUMINAIRE,FLOOD,MH,1000W,480V,107800 LUMENS,7X7,AUTC EACH	270.73	TRU40SW23FBKHPTT4
1366	7006280	LUMINAIRE,FLOOD,MH,1000W,120/208/240/277V,107800 LUM EACH	300.34	TRU40SWW3FBKHPTT4
1367	3023034	LOCKNUT\BOLT-T.FASTENER.1/4"-20.SS	0.06	25CNNE3
1368	3023033	WASHER\FLAT.FASTENER.1/4" BOLT.SS.....	0.02	25NWF3
1369	3021076	ANCHOR,EXTENSION,SQUARE SHAFT,1-1/2" DIA X 37" (MIN) LONG EACH	43.19	C1100388
1370	3021077	ANCHOR,EXTENSION,SQUARE SHAFT,1-1/2" DIA X 42" (MIN) LONG EACH	70.21	C1100471
1371	3023032	BOLT\~.FASTENER.1/4"X1"~.SS.....	0.08	25100HC3
1372	3021078	ANCHOR,EXTENSION,SQUARE SHAFT,1-1/2" DIA X 80" (MIN) LONG EACH	68.23	C1100389
1373	3023430	LINK\EXTENSION-T.EYE/CLEVIS.30". GALV STL..	93.93	1906-30
1374	3016577	LUG.TERMINAL.ALUMINUM.BOLTED.TEE CONNECTOR.250-1000 EACH	41.85	A7MT-100-2N

Weighted Average Cost of Capital (WACC)

	Capitalization Ratio	Annual R.O.E.	Annual Cost	Weighted Cost	
Common	53.27%	10.23%		5.450%	
Total Equity	53.27%				
Short Term Debt	2.46%		0.74%	0.018%	
Long Term Debt	44.26%		4.12%	1.824%	
Total Debt	46.72%				
Total WACC	100.00%			7.291%	Overall Cost of Capital

Carrying Charge Income Tax Calculation

Corporate Tax Rate: 38.9000%

Carrying Charge: $(\text{Weighted Cost of Equity} / (1 - \text{CORPORATE TAX RATE})) \times \text{CORPORATE TAX RATE}$

$$\left(\frac{5.45\%}{1 - 38.9000\%} \right) \times 38.9000\% = \underline{\underline{3.469\%}}$$

Calculation of Annual Carrying Charge for LED fixtures (based on 2016 Rate Case)

Overall Rate of Return	7.291%
Straight Line Depreciation	
25 year useful life	4.000%
Income Taxes	3.469%
Property Tax	1.514%
TOTAL CARRYING CHARGE	16.27%

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 51

Responding Witness: John K. Wolfe

- Q-51. Please refer to the chart listing Total Lights that is contained on the worksheet entitled "KU RATE SUMMARY" in the Excel workbook named "Att_KU_PSC_1-54_KULights.xlsx" that was filed in response to Item 54 of the Commission Staff's first request for information.
- a. Please identify whether this information lists the total number of lights at a specific point in time or over the duration of a period of time (e.g., a twelve month period).
 - b. Please identify the time period on which this data is based (e.g. a twelve month period ending June 30, 2018).
 - c. Please explain how the total number of lights can be expressed with a decimal (non-whole number) for most rate codes.
 - d. Using the same format as this chart, including the equivalent time period, please provide the total number of total lights for the following:
 - (1) Lexington-Fayette Urban County Government;
 - (2) KU's Kentucky jurisdictional operations; and
 - (3) KU's entire system.
- A-51. a. The information is the summation of the total number of lights in operation as well as all lights and forecasted to be installed/replaced/removed over a twelve month period.
- b. This is for the time period of July 1, 2017 to June 30, 2018.
 - c. The total number of lights includes lights installed during the month wherein partial "lights per month" would be prorated, thus a decimal point.

d. Total lights:

1. This information has not been forecasted in the same format for LFUCG lights. See the response to Question No. 52.
2. See below
3. See below

Rate Code	July 1, 2017 – June 30, 2018	Total Lights
300	KUUM_300	0
301	KUUM_301	0
360	KUUM_360	4
401	KUUM_401	51
404	KUUM_404	6,535
409	KUUM_409	132
410	KUUM_410	238
411	KUUM_411	147
412	KUUM_412	29
413	KUUM_413	97
414	KUUM_414	21
415	KUUM_415	10
420	KUUM_420	508
421	KUUM_421	4
422	KUUM_422	571
424	KUUM_424	28
425	KUUM_425	2
426	KUUM_426	156
428	KUUM_428	35,845

430	KUUM_430	1,243
434	KUUM_434	0
440	KUUM_440	2
446	KUUM_446	1,009
447	KUUM_447	676
448	KUUM_448	1,422
450	KUUM_450	683
451	KUUM_451	5,266
452	KUUM_452	1,000
454	KUUM_454	147
455	KUUM_455	1,009
456	KUUM_456	136
457	KUUM_457	436
458	KUUM_458	1,389
459	KUUM_459	205
460	KUUM_460	23
461	KUUM_461	6,790
462	KUUM_462	8,575
463	KUUM_463	20,487
464	KUUM_464	7,539
465	KUUM_465	2,682
466	KUUM_466	841
467	KUUM_467	1,386
468	KUUM_468	4,026
469	KUUM_469	287
470	KUUM_470	58
471	KUUM_471	3,571

472	KUUM_472	8,855
473	KUUM_473	3,351
474	KUUM_474	5,128
475	KUUM_475	521
476	KUUM_476	4,710
477	KUUM_477	1,041
478	KUUM_478	1,417
479	KUUM_479	927
487	KUUM_487	10,887
488	KUUM_488	6,525
489	KUUM_489	8,352
490	KUUM_490	58
491	KUUM_491	303
492	KUUM_492	2
493	KUUM_493	42
494	KUUM_494	180
495	KUUM_495	667
496	KUUM_496	144
497	KUUM_497	16
498	KUUM_498	29
499	KUUM_499	34
Total		168,456

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 52

Responding Witness: John K. Wolfe

- Q-52. Please provide the number (quantity), rate type, type description, and location (by street address) of each street light located in Fayette County, Kentucky for which the LFUCG currently pays a monthly tariff.
- A-52. See the response to KLC 1-48 and the attachments thereto for location by street address, number, rate type, and description. Also see below:

LFUCG STREET LIGHT BILLING		
BILL CD	DESCRIPTION	QUANTITY
482	9500 DEC POL COL.	21
447	10000 SOH MV	632
474	22000 OOH HPS	219
458	22000 SOH HPS	622
458	20000 OUG MV	523
462	5800 SOH HPS	1721
475	50000 OOH HPS	38
474	22000 OUG HPS	2923
475	50000 OUG HPS	218
472	5800 OUG HPS	8885
465	50000 SOH HPS	139
457	10000 OOH MV	18
461	4000 SOH HPS	642
472	5800 OOH HPS	124
463	9500 SOH HPS	1013
471	4000 OUG HPS	3521
473	9500 OUG HPS	1838

457	10000 OUG MV	390
473	9500 OOH HPS	38
471	4000 OOH HPS	33
448	20000 SOH MV	289
458	20000 OOH MV	226
420	9500 ACORN DEC	23
476	5800 CNT	4836
478	22000 CNT	511
479	50000 CNT	77
477	9500 CNT	470
467	5800 CLN	50
468	9500 CLN	336
		TOTALS
		30,376

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 53

Responding Witness: John P. Malloy

- Q-53. LFUCG has approximately 30,000 street lights, yet receives approximately 30 invoices for street lights. Please describe the number of lights billed in each of the bills by street light classification and explain whether there is any specific methodology by KU as to what lights are billed on any certain invoice.
- A-53. See attached. At the time the customer contacts the Company for services, the street lights are assigned to the account provided by the customer at that time. The Company will work with customers to move street lighting between accounts. The customer only needs to contact their major account representative or the Company's Business Service Center.

Attachment to Response to LFUCG-1 Question No. 53

Page 1 of 1

Malloy

3-Digit Rate Code	Rate Code Description	# Lights at start of Period
404	RLS 404: OH MV Open Bottom 7000L Fixture	58
409	RLS 409: OH HPS Cobra Head 50000L Fix	16
413	RLS 413: UG HPS Coach 9500L Decorative	38
420	LS 420: UG HPS Acorn 9500L Decorative	77
428	LS 428: OH HPS Open Bottom 9500L Fixture	29
430	LS 430: UG HPS Acorn 9500L Historic	96
447	RLS 447: OH MV Cobra Head 10000L Fixture	632
448	RLS 448: OH MV Cobra Head 20000L Fixture	289
450	LS 450: OH MH Directional 12000L Fixture	11
451	LS 451: OH MH Directional 32000L Fixture	54
452	LS 452: OH MH Directional 107800L Fix	1
454	RLS 454: OH MH Directional 12000L Fix/Po	3
455	RLS 455: OH MH Directional 32000L Fix/Po	1
457	RLS 457: OH MV Cobra 10000L Fixture/Pole	408
458	RLS 458: OH MV Cobra 20000L Fixture/Pole	750
460	RLS 460: UG MH Directional 12000L Deco	11
461	RLS 461: OH HPS Cobra Head 4000L Fixture	642
462	LS 462: OH HPS Cobra Head 5800L Fixture	1716
463	LS 463: OH HPS Cobra Head 9500L Fixture	1013
464	LS 464: OH HPS Cobra Head 22000L Fixture	631
465	LS 465: OH HPS Cobra Head 50000L Fixture	147
467	LS 467: UG HPS Colonial 5800L Deco	50
468	LS 468: UG HPS Colonial 9500L Deco	357
469	RLS 469: UG MH Directional 32000L Deco	32
471	RLS 471: OH HPS Cobra Hd 4000L Fix/Pole	3554
472	LS 472: OH HPS Cobra 5800L Ornamental	9002
473	LS 473: OH HPS Cobra 9500L Ornamental	1876
474	LS 474: OH HPS Cobra 22000L Ornamental	3142
475	LS 475: OH HPS Cobra 50000L Ornamental	256
476	LS 476: UG HPS Contemporary 5800L Deco	4860
477	LS 477: UG HPS Contemporary 9500L Deco	503
478	LS 478: UG HPS Contemporary 22000L Deco	612
479	LS 479: UG HPS Contemporary 50000L Deco	79
487	LS 487: OH HPS Directional 9500L Fixture	25
488	LS 488: OH HPS Directional 22000L Fix	41
489	LS 489: OH HPS Directional 50000L Fix	119
490	LS 490: UG MH Contemporary 12000L Fix	26
494	LS 494: UG MH Contemporary 12000L Deco	98
495	LS 495: UG MH Contemporary 32000L Deco	1
499	LS 499: UG HPS Contemporary 50000L Fix	1

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 54

Responding Witness: John K. Wolfe

Q-54. Please provide copies of all invoices and corresponding documentation from September 2015 through December 2016 evidencing the purchase of any materials used for constructing, installing, or repairing lighting offerings in the LS and RLS rate classifications. The documentation should include number of units purchased and price per unit.

A-54. See attached.

Sold To ID	Document Date	Transaction Type	Customer ID	Item ID	Description	Additional Description	Units	Price	Quantity	Invoice Amount	Customer PO Number	Invoice Number	Sales Order
KU1	1/27/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	6.9000	80.0000	552.00	548644	00890366	00890366
KU1	2/17/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	72.0000	545.76	548677	00892453	00892453
KU1	2/24/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	84.0000	636.72	548677	00893193	00893193
KU1	3/9/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	96.0000	727.68	548677	00894531	00894531
KU1	3/16/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00895198	00895198
KU1	4/6/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	84.0000	636.72	548677	00897305	00897305
KU1	4/13/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00897978	00897978
KU1	4/27/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	24.0000	181.92	548677	00899483	00899483
KU1	5/18/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00901716	00901716
KU1	6/15/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00905146	00905146
KU1	6/29/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	24.0000	181.92	548677	00906596	00906596
KU1	7/27/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00909458	00909458
KU1	8/3/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00910362	00910362
KU1	8/17/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00911954	00911954
KU1	8/31/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00913565	00913565
KU1	9/7/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	144.0000	1,091.52	548677	00914210	00914210
KU1	9/22/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00915849	00915849
KU1	10/5/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	60.0000	454.80	548677	00917315	00917315
KU1	10/19/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	25.0000	189.50	548677	00918766	00918766
KU1	10/26/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00919487	00919487

KU1	11/2/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	60.0000	454.80	548677	00920199	00920199
KU1	11/10/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	96.0000	727.68	548677	00921025	00921025
KU1	11/23/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	144.0000	1,091.52	548677	00922515	00922515
KU1	12/14/2016	Invoice	KU1	LU100/H/ECO	Lamp, HPS, 100w, Clear GE 85369	Customer s No: 7001345 LucaLux, E39 Mogul Base, ED23.5 9500 Lumens, TCLP Compliant GE LAMP	EA	7.5800	72.0000	545.76	548677	00924334	00924334
KU1	2/3/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	8.3000	38.0000	315.40	548677	00891104	00891104
KU1	2/17/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	48.0000	435.84	548677	00892453	00892453
KU1	3/2/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	72.0000	653.76	548677	00893909	00893909
KU1	3/23/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	48.0000	435.84	548667	00895957	00895957
KU1	4/13/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	36.0000	326.88	548677	00897978	00897978
KU1	6/1/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	24.0000	217.92	013910	00903749	00903749
KU1	6/8/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	24.0000	217.92	548677	00904410	00904410
KU1	8/10/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	12.0000	108.96	548677	00911127	00911127
KU1	8/31/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	24.0000	217.92	548677	00913565	00913565
KU1	9/14/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	60.0000	544.80	548677	00914848	00914848
KU1	9/22/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	24.0000	217.92	548677	00915849	00915849
KU1	10/5/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	36.0000	326.88	548677	00917315	00917315
KU1	10/19/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	48.0000	435.84	548677	00918766	00918766
KU1	11/16/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	36.0000	326.88	548677	00921687	00921687
KU1	12/8/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	60.0000	544.80	548677	00923831	00923831
KU1	12/14/2016	Invoice	KU1	LU200/H/ECO	Lamp, HPS, 200w, Clear GE 85372	Customer s No: 7001346 LucaLux, E39 Mogul Base, ED18 Bulb 22000 Lumens, TCLP Compliant GE LAMP	EA	9.0800	24.0000	217.92	548677	00924334	00924334

KU1	2/3/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	7.6600	36.0000	275.76	548677	00891104	00891104
KU1	3/2/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	72.0000	606.24	548677	00893909	00893909
KU1	3/23/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	96.0000	808.32	548667	00895957	00895957
KU1	4/20/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	48.0000	404.16	548677	00898720	00898720
KU1	6/1/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	24.0000	202.08	013910	00903749	00903749
KU1	8/3/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	36.0000	303.12	548677	00910362	00910362
KU1	8/24/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	24.0000	202.08	548677	00912771	00912771
KU1	9/14/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	60.0000	505.20	548677	00914848	00914848
KU1	11/2/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	96.0000	808.32	548677	00920199	00920199
KU1	11/23/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	48.0000	404.16	548677	00922515	00922515
KU1	12/14/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	24.0000	202.08	548677	00924334	00924334
KU1	12/14/2016	Invoice	KU1	LU400/H/ECO	Lamp, HPS, 400w, Clear GE 85379	Customer s No: 7001347 LucaLux, E39 Mogul Base, ED18 Bulb 51000 Lumens, TCLP Compliant GE LAMP	EA	8.4200	48.0000	404.16	548677	00924373	00924373
KU1	1/27/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	6.9000	72.0000	496.80	548644	00890366	00890366
KU1	2/17/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00892453	00892453
KU1	3/9/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00894531	00894531
KU1	3/16/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00895198	00895198
KU1	3/23/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	84.0000	636.72	548667	00895957	00895957
KU1	4/20/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00898720	00898720
KU1	7/13/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	24.0000	181.92	548677	00907967	00907967
KU1	7/27/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00909458	00909458

KU1	8/10/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	24.0000	181.92	548677	00911127	00911127
KU1	8/17/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	24.0000	181.92	548677	00911954	00911954
KU1	8/31/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00913565	00913565
KU1	9/22/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	48.0000	363.84	548677	00915849	00915849
KU1	9/28/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00916476	00916476
KU1	10/26/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00919487	00919487
KU1	11/2/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	60.0000	454.80	548677	00920199	00920199
KU1	11/23/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	60.0000	454.80	548677	00922515	00922515
KU1	12/14/2016	Invoice	KU1	LU50/H/ECO	Lamp, HPS, 50w, Clear GE 44975	Customer s No: 7001343 LucaLux, E39 Mogul Base, ED23.5 4000 Lumens, TCLP Compliant GE LAMP	EA	7.5800	36.0000	272.88	548677	00924334	00924334
KU1	1/20/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant - GE LAMP - 85368	EA	6.9000	120.0000	828.00	548677	00889714	00889714
KU1	1/27/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP - 85368	EA	6.9000	120.0000	828.00	548644	00890366	00890366
KU1	2/17/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP - 85368	EA	7.0700	72.0000	509.04	548677	00892453	00892453
KU1	3/2/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP - 85368	EA	7.0700	48.0000	339.36	548677	00893909	00893909
KU1	3/9/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP - 85368	EA	7.0700	120.0000	848.40	548677	00894531	00894531
KU1	3/16/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	96.0000	678.72	548677	00895198	00895198
KU1	3/23/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	72.0000	509.04	548667	00895957	00895957
KU1	4/6/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	120.0000	848.40	548677	00897305	00897305
KU1	4/13/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	48.0000	339.36	548677	00897978	00897978
KU1	4/20/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	72.0000	509.04	548677	00898720	00898720
KU1	4/27/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	36.0000	254.52	548677	00899483	00899483

KU1	5/18/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	48.0000	339.36	548677	00901716	00901716
KU1	6/8/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	36.0000	254.52	548677	00904410	00904410
KU1	6/15/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	24.0000	169.68	548677	00905146	00905146
KU1	6/29/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	48.0000	339.36	548677	00906596	00906596
KU1	7/27/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	72.0000	509.04	548677	00909458	00909458
KU1	8/3/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	96.0000	678.72	548677	00910362	00910362
KU1	8/10/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	36.0000	254.52	548677	00911127	00911127
KU1	8/24/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	36.0000	254.52	548677	00912771	00912771
KU1	8/31/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	60.0000	424.20	548677	00913565	00913565
KU1	9/7/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	144.0000	1,018.08	548677	00914210	00914210
KU1	9/14/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	36.0000	254.52	548677	00914848	00914848
KU1	9/22/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	24.0000	169.68	548677	00915849	00915849
KU1	10/5/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	72.0000	509.04	548677	00917315	00917315
KU1	10/19/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	50.0000	353.50	548677	00918766	00918766
KU1	10/26/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	36.0000	254.52	548677	00919487	00919487
KU1	11/2/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	96.0000	678.72	548677	00920199	00920199
KU1	11/10/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	48.0000	339.36	548677	00921025	00921025
KU1	11/16/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	84.0000	593.88	548677	00921687	00921687
KU1	11/23/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	96.0000	678.72	548677	00922515	00922515
KU1	12/7/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	72.0000	509.04	548677	00923737	00923737

KU1	12/14/2016	Invoice	KU1	LU70/H/ECO	Lamp, HPS, 70w, Clear GE 85368	Customer s No: 7001344 LucaLux, E39 Mogul Base, ED23.5 6400 Lumens, TCLP Compliant GE LAMP	EA	7.0700	60.0000	424.20	548677	00924334	00924334
KU1	4/13/2016	Invoice	KU1	MVR1000/U	Lamp, MH, 1000w, Clear GE 41826	Customer s No: 7005980 Multi-Vapor, E39 Mogul Base, BT56 108000 Lumens - GE LAMP	EA	22.9800	12.0000	275.76	548677	00897978	00897978
KU1	12/23/2015	Invoice	KU1	MVR175/U	Lamp, MH, 175w, Clear GE 63850	Customer s No: 7005978 Multi-Vapor, E39 Mogul Base, ED28 14000 Lumens - GE 63850	EA	10.2300	24.0000	245.52	548677	00887581	00887581
KU1	5/4/2016	Invoice	KU1	MVR175/U	Lamp, MH, 175w, Clear GE 63850	Customer s No: 7005978 Multi-Vapor, E39 Mogul Base, ED28 14000 Lumens - GE 63850	EA	10.2700	12.0000	123.24	548677	00900192	00900192
KU1	5/25/2016	Invoice	KU1	MVR175/U	Lamp, MH, 175w, Clear GE 63850	Customer s No: 7005978 Multi-Vapor, E39 Mogul Base, ED28 14000 Lumens - GE 63850	EA	10.2700	6.0000	61.62	548677	00903079	00903079
KU1	6/15/2016	Invoice	KU1	MVR175/U	Lamp, MH, 175w, Clear GE 63850	Customer s No: 7005978 Multi-Vapor, E39 Mogul Base, ED28 14000 Lumens - GE 63850	EA	10.2700	24.0000	246.48	548677	00905146	00905146
KU1	6/22/2016	Invoice	KU1	MVR175/U	Lamp, MH, 175w, Clear GE 63850	Customer s No: 7005978 Multi-Vapor, E39 Mogul Base, ED28 14000 Lumens - GE 63850	EA	10.2700	24.0000	246.48	548677	00905913	00905913
KU1	3/2/2016	Invoice	KU1	M350X/U/PS/BT28	Lamp, MH, 350W, Pulse Start, 50570	Customer s No: 3005450 Clear, Multi-Metal, Mogul Base 32000 Lumens, Clear Bulb MS350W/H75/ED28/PS/740-46959	EA	23.2100	24.0000	557.04	548677	00893909	00893909
KU1	11/30/2016	Invoice	KU1	M350X/U/PS/BT28	Lamp, MH, 350W, Pulse Start, 50570	Customer s No: 3005450 Clear, Multi-Metal, Mogul Base 32000 Lumens, Clear Bulb MS350W/H75/ED28/PS/740-46959	EA	23.2100	36.0000	835.56	548677	00922986	00922986
KU1	1/20/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GE LAMP	EA	11.1600	12.0000	133.92	548677	00889714	00889714
KU1	2/3/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	24.0000	267.84	548677	00891104	00891104
KU1	2/10/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	36.0000	401.76	548677	00891782	00891782
KU1	2/17/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	18.0000	200.88	548677	00892453	00892453
KU1	3/2/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	12.0000	133.92	548677	00893909	00893909
KU1	5/4/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	18.0000	200.88	548677	00900192	00900192
KU1	7/7/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	12.0000	133.92	548677	00907392	00907392
KU1	7/27/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	24.0000	267.84	548677	00909458	00909458
KU1	8/24/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	18.0000	200.88	548677	00912771	00912771
KU1	9/22/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	12.0000	133.92	548677	00915849	00915849
KU1	9/28/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	12.0000	133.92	548677	00916476	00916476
KU1	10/5/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	12.0000	133.92	548677	00917315	00917315
KU1	10/19/2016	Invoice	KU1	MVR400/U	Lamp, MH, 400w, Clear GE 43828	Customer s No: 7005979 Multi-Vapor, E39 Mogul Base, ED37 36000 Lumens - GELAMP	EA	11.1600	250.0000	2,790.00	548677	00918766	00918766
KU1	2/3/2016	Invoice	KU1	HR175DX39	Lamp, MV, 175w, Deluxe White 24062	Customer s No: 7001348 H39 Ballast, ED28 Mogul Base, 7800 Lumens - GE LAMP	EA	5.0200	18.0000	90.36	548677	00891104	00891104
KU1	3/2/2016	Invoice	KU1	HR175DX39	Lamp, MV, 175w, Deluxe White 24062	Customer s No: 7001348 H39 Ballast, ED28 Mogul Base, 7800 Lumens - GE LAMP	EA	5.5100	24.0000	132.24	548677	00893909	00893909
KU1	3/30/2016	Invoice	KU1	HR175DX39	Lamp, MV, 175w, Deluxe White 24062	Customer s No: 7001348 H39 Ballast, ED28 Mogul Base, 7800 Lumens - GE LAMP	EA	5.5100	24.0000	132.24	548677	00896568	00896568
KU1	10/19/2016	Invoice	KU1	HR175DX39	Lamp, MV, 175w, Deluxe White 24062	Customer s No: 7001348 H39 Ballast, ED28 Mogul Base, 7800 Lumens - GE LAMP	EA	5.5100	12.0000	66.12	548677	00918766	00918766
KU1	12/7/2016	Invoice	KU1	HR175DX39	Lamp, MV, 175w, Deluxe White 24062	Customer s No: 7001348 H39 Ballast, ED28 Mogul Base, 7800 Lumens - GE LAMP	EA	5.5100	24.0000	132.24	548677	00923737	00923737
KU1	1/27/2016	Invoice	KU1	HR250DX37	Lamp, MV, 250w, Deluxe White 32127	Customer s No: 7001349 E39 Mogul Base, ED28 Bulb, 11200 Lumens - GE LAMP	EA	5.8000	18.0000	104.40	548644	00890366	00890366
KU1	2/17/2016	Invoice	KU1	HR250DX37	Lamp, MV, 250w, Deluxe White 32127	Customer s No: 7001349 E39 Mogul Base, ED28 Bulb, 11200 Lumens - GE LAMP	EA	6.3900	18.0000	115.02	548677	00892453	00892453

KU1	5/26/2016	Invoice	KU1	HR250DX37	Lamp, MV, 250w, Deluxe White 32127	Customer s No: 7001349 E39 Mogul Base, ED28 Bulb, 11200 Lumens - GE LAMP	EA	6.3900	24.0000	153.36	548677	00903231	00903231
KU1	6/29/2016	Invoice	KU1	HR250DX37	Lamp, MV, 250w, Deluxe White 32127	Customer s No: 7001349 E39 Mogul Base, ED28 Bulb, 11200 Lumens - GE LAMP	EA	6.3900	12.0000	76.68	548677	00906596	00906596
KU1	11/30/2016	Invoice	KU1	HR250DX37	Lamp, MV, 250w, Deluxe White 32127	Customer s No: 7001349 E39 Mogul Base, ED28 Bulb, 11200 Lumens - GE LAMP	EA	6.3900	24.0000	153.36	548677	00922986	00922986
KU1	1/27/2016	Invoice	KU1	HR400DX33	Lamp, MV, 400w, Deluxe White 23998	Customer s No: 7001350 E39 Mogul Base, ED37 Bulb, 22600 Lumens - GE LAMP 23998	EA	6.6500	18.0000	119.70	548644	00890366	00890366
KU1	5/18/2016	Invoice	KU1	HR400DX33	Lamp, MV, 400w, Deluxe White 23998	Customer s No: 7001350 E39 Mogul Base, ED37 Bulb, 22600 Lumens - GE LAMP 23998	EA	7.3200	6.0000	43.92	548677	00901716	00901716
KU1	6/1/2016	Invoice	KU1	HR400DX33	Lamp, MV, 400w, Deluxe White 23998	Customer s No: 7001350 E39 Mogul Base, ED37 Bulb, 22600 Lumens - GE LAMP 23998	EA	7.3200	24.0000	175.68	013910	00903749	00903749

Number	Deliver To Location	Order Date	Release	Line	Shipment	Distribution	Item	Description	UOM	Quantity Ordered	Unit Price	Amount	Approval Status
573661	KLX-IR	9/8/2015 8:13	40	26	1	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	40	256	10240	Approved
573661	KLX-IR	9/18/2015 14:38	42	4	1	1	3008584	POWDER COAT FINISH	EACH	15	773	11595	Approved
573661	KLX-IR	9/18/2015 14:38	42	28	2	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY	EACH	20	726	14520	Approved
573661	KLX-IR	11/13/2015 14:42	48	34	1	1	7003218	POLE,ALUM,25F MH,ORN,4 BOLT,SINGLE 4F,W/ANC BOLTS.BREAKAWAY	EACH	15	567	8505	Approved
573661	KLX-IR	11/13/2015 14:42	48	36	2	1	7003250	POLE,ALUMINUM,25F MH,ORNAMENTAL,EMBEDDED,SINGLE 4F	EACH	20	521	10420	Approved
573661	KLX-IR	11/13/2015 14:42	48	45	3	1	7010288	POLE,ALUMINUM,25FMH,CONTEMPORARY LT,EMBEDDED,BLACK	EACH	20	546	10920	Approved
573661	KLX-IR	12/4/2015 7:58	49	36	1	1	7003250	POLE,ALUMINUM,25F MH,ORNAMENTAL,EMBEDDED,SINGLE 4F	EACH	20	521	10420	Approved
573661	KLX-IR	12/10/2015 9:18	50	28	1	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY POLE\ALUMINUM-T.30' MH.CONTEMPORARY LT.4 BOLT ANCHOR BASE.PAINTED BLACK.WITH DOUBLE DRILL	EACH	25	726	18150	Approved
573661	KLX-IR	12/21/2015 14:45	53	20	1	1	3012578	PATTERN.BREAKAWAY	EACH	7	730	5110	Approved
573661	KLX-IR	12/28/2015 12:13	54	21	1	1	3014604	POLE,ALUMINUM,35' MH,ORN,4 BOLT,SINGLE 10',WITH ANCHOR BOLTS.BREAKAWAY	EACH	15	918	13770	Approved
573661	KLX-IR	1/28/2016 14:54	58	29	1	1	7001418	POLE,ALUM,30F MH,ORN,4 BOLT,SINGLE 6F,W/ANC BOLTS.BREAKAWAY	EACH	10	618	6180	Approved
573661	KLX-IR	1/28/2016 14:54	58	34	2	1	7003218	POLE,ALUM,25F MH,ORN,4 BOLT,SINGLE 4F,W/ANC BOLTS.BREAKAWAY	EACH	10	567	5670	Approved
573661	KLX-IR	1/28/2016 14:54	58	43	3	1	7010197	POLE,ALUMINUM,14F MH,COLONIAL LT,EMBEDDED,BLACK POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	5	216	1080	Approved
573661	KLX-IR	2/15/2016 13:36	59	4	1	1	3008584	POWDER COAT FINISH	EACH	10	773	7730	Approved
573661	KLX-IR	2/15/2016 13:36	59	28	2	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY	EACH	30	726	21780	Approved
573661	KLX-IR	2/15/2016 13:36	59	29	3	1	7001418	POLE,ALUM,30F MH,ORN,4 BOLT,SINGLE 6F,W/ANC BOLTS.BREAKAWAY	EACH	10	618	6180	Approved
573661	KLX-IR	2/15/2016 13:36	59	36	4	1	7003250	POLE,ALUMINUM,25F MH,ORNAMENTAL,EMBEDDED,SINGLE 4F	EACH	25	521	13025	Approved
573661	KLX	3/2/2016 14:02	62	21	1	1	3014604	POLE,ALUMINUM,35' MH,ORN,4 BOLT,SINGLE 10',WITH ANCHOR BOLTS.BREAKAWAY	EACH	94	918	86292	Approved
573661	KLX-IR	4/25/2016 12:56	67	26	1	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS	EACH	25	256	6400	Approved
573661	KLX-IR	4/25/2016 12:56	67	29	2	1	7001418	POLE,ALUM,30F MH,ORN,4 BOLT,SINGLE 6F,W/ANC BOLTS.BREAKAWAY	EACH	15	618	0	Approved
573661	KLX-IR	4/25/2016 12:56	67	29	3	1	7001418	POLE,ALUM,30F MH,ORN,4 BOLT,SINGLE 6F,W/ANC BOLTS.BREAKAWAY	EACH	15	627	9405	Approved
573661	KLX-IR	5/26/2016 16:33	71	36	1	1	7003250	POLE,ALUMINUM,25F MH,ORNAMENTAL,EMBEDDED,SINGLE 4F	EACH	10	521	5210	Approved
573661	KLX-IR	6/16/2016 16:12	74	28	1	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	10	726	0	Approved
573661	KLX-IR	8/1/2016 14:35	76	4	1	1	3008584	POWDER COAT FINISH POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	10	773	7730	Approved
573661	KLX	8/3/2016 10:57	77	4	1	1	3008584	POWDER COAT FINISH	EACH	14	773	10822	Approved
573661	KLX-IR	8/8/2016 15:51	80	28	1	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY	EACH	30	743	22290	Approved
573661	KLX-IR	8/31/2016 8:58	84	26	1	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS	EACH	15	256	3840	Approved
573661	KLX-IR	8/31/2016 8:58	84	29	2	1	7001418	POLE,ALUM,30F MH,ORN,4 BOLT,SINGLE 6F,W/ANC BOLTS.BREAKAWAY	EACH	10	627	6270	Approved
573661	KLX-IR	8/31/2016 8:58	84	34	3	1	7003218	POLE,ALUM,25F MH,ORN,4 BOLT,SINGLE 4F,W/ANC BOLTS.BREAKAWAY POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	15	568	8520	Approved
573661	KLX-IR	9/9/2016 11:14	86	4	1	1	3008584	POWDER COAT FINISH	EACH	40	773	30920	Approved
573661	KLX-IR	9/9/2016 11:14	86	26	2	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS	EACH	20	256	5120	Approved
573661	KLX-IR	9/9/2016 11:14	86	36	3	1	7003250	POLE,ALUMINUM,25F MH,ORNAMENTAL,EMBEDDED,SINGLE 4F	EACH	25	521	13025	Approved
573661	KLX-IR	9/14/2016 12:58	88	21	1	1	3014604	POLE,ALUMINUM,35' MH,ORN,4 BOLT,SINGLE 10',WITH ANCHOR BOLTS.BREAKAWAY	EACH	5	918	4590	Approved
573661	KLX-IR	9/29/2016 12:24	91	26	1	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS	EACH	20	256	5120	Approved
573661	KLX-IR	10/7/2016 13:03	93	26	1	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS	EACH	15	256	3840	Approved
573661	KLX-IR	10/7/2016 13:03	93	34	2	1	7003218	POLE,ALUM,25F MH,ORN,4 BOLT,SINGLE 4F,W/ANC BOLTS.BREAKAWAY	EACH	10	568	5680	Approved
573661	KLX-IR	10/24/2016 10:07	94	28	1	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY	EACH	20	743	14860	Approved
573661	KLX-IR	11/18/2016 16:54	97	26	1	1	7001415	POLE,ALUM,14F MH,COLONIAL LT,3 BLT,BLK,W/ANC BOLTS	EACH	40	256	10240	Approved
573661	KLX-IR	11/18/2016 16:54	97	29	2	1	7001418	POLE,ALUM,30F MH,ORN,4 BOLT,SINGLE 6F,W/ANC BOLTS.BREAKAWAY	EACH	15	627	9405	Approved

573661	KLX-IR	11/18/2016 16:54	97	45	3	1	7010288	POLE,ALUMINUM,25FMH,CONTEMPORARY LT,EMBEDDED,BLACK	EACH	10	546	5460	Approved
573661	KLX-IR	11/18/2016 16:54	98	36	1	1	7003250	POLE,ALUMINUM,25F MH,ORNAMENTAL,EMBEDDED,SINGLE 4F POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	60	521	31260	Approved
573661	KLX-IR	11/23/2016 15:41	100	4	1	1	3008584	POWDER COAT FINISH	EACH	10	773	7730	Approved
573661	KLX-IR	12/5/2016 9:44	101	28	1	1	7001417	POLE,ALUM,30F MH,ORN,4 BOLT,TRUSS 10F,W/ANC BOLTS.BREAKAWAY	EACH	10	743	7430	Approved
573661	KLX-IR	12/5/2016 9:44	101	34	2	1	7003218	POLE,ALUM,25F MH,ORN,4 BOLT,SINGLE 4F,W/ANC BOLTS.BREAKAWAY	EACH	10	568	5680	Approved
573661	KLX	12/6/2016 9:25	102	21	1	1	3014604	POLE,ALUMINUM,35' MH,ORN,4 BOLT,SINGLE 10',WITH ANCHOR BOLTS.BREAKAWAY	EACH	81	918	74358	Approved
573661	KLX-IR	12/15/2016 10:08	103	43	1	1	7010197	POLE,ALUMINUM,14F MH,COLONIAL LT,EMBEDDED,BLACK POLE,ALUMINUM,30' MH,WITH BREAKAWAY BASE FLANGE,CONTEMPORARY LT, PAINTED STANDARD BLACK	EACH	5	216	1080	Approved
573661	KLX-IR	12/19/2016 13:51	104	4	1	1	3008584	POWDER COAT FINISH	EACH	10	773	7730	Approved

Number	Deliver To Location	Order Date	Release	Line	Shipment	Distribution	Item	Description	UOM	Quantity Ordered	Unit Price	Amount	Currency	Contract Line Num	Deliverable Num	Approval Status
599277	KLX-IR	1/28/2016 11:28		1	1	1	7003211	POLE,FIBERGLASS,14F,ACORN LT (HISTORIC),EMBEDDED	EACH	5	814	4070	USD			Approved

Number	Deliver To Location	Order Date	Release	Line	Shipment	Distribution	Item	Description	UOM	Quantity Ordered	Unit Price	Amount	Approval Status
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN					
547558	KLX	9/2/2015 12:55	4970	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX	9/2/2015 12:55	4970	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	36	6.9	248.4	Approved
547558	KLX	9/2/2015 12:55	4970	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	36	6.9	248.4	Approved
547558	KLX	9/2/2015 12:55	4970	1093	4	1	7001346	LAMP, HPS, #S66MN-200	EACH	36	8.3	298.8	Approved
547558	KLX	9/10/2015 16:42	5033	1091	1	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	36	6.9	248.4	Approved
547558	KLX	9/10/2015 16:42	5033	1092	2	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	36	6.9	248.4	Approved
547558	KLX-IR	9/10/2015 16:44	5034	22	1	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	8	141.08	1128.64	Approved
547558	KLX-IR	9/10/2015 16:44	5034	842	13	1	7001308	LUMINAIRE,COLONIAL,HPS,70W,120V,5800 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER. W/PLUG-IN STARTER,W/STANDARD NEWM STICKER	EACH	30	118.6	3558	Approved
547558	KLX-IR	9/16/2015 16:22	5073	809	20	1	7001307	LUMINAIRE,COLONIAL,HPS,100W,120V,9500 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER. W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	25	119.83	2995.75	Approved
547558	KLX-IR	9/16/2015 16:22	5073	981	21	1	3005447	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL	EACH	12	195.36	2344.32	Approved
547558	KLX-IR	9/21/2015 9:07	5091	811	1	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	16	164.59	2633.44	Approved
547558	KLX-IR	9/21/2015 11:00	5093	807	1	1	7001311	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	9/21/2015 11:00	5093	826	2	1	7001320	LUMINAIRE,CONTEMPARY,HPS,100W,120V,NPF,TYPE III,9500 LUMENS,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK, W/STANDARD NEMA STICKER	EACH	16	231.46	3703.36	Approved
547558	KLX-IR	9/21/2015 11:00	5093	844	3	1	7001310	LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	15	145.5	2182.5	Approved
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN					
547558	KLX	9/24/2015 14:51	5134	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	500	3.04	1520	Approved
547558	KLX	9/24/2015 14:51	5134	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	72	6.9	496.8	Approved
547558	KLX	9/24/2015 14:51	5134	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	72	6.9	496.8	Approved
547558	KLX	9/24/2015 14:51	5134	1093	4	1	7001346	LAMP, HPS, #S66MN-200	EACH	72	8.3	597.6	Approved
547558	KLX	9/24/2015 14:51	5134	1318	5	1	7001347	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X	EACH	72	7.66	551.52	Approved
547558	KLX-IR	9/30/2015 7:29	5157	820	1	1	7001326	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	24	66.59	1598.16	Approved
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN					
547558	KLX	10/1/2015 16:02	5180	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX	10/1/2015 16:02	5180	1090	2	1	7001343	LAMP,HPS,4000L,50W	EACH	48	6.9	331.2	Approved
547558	KLX	10/1/2015 16:02	5180	1091	3	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	72	6.9	496.8	Approved
547558	KLX	10/1/2015 16:02	5180	1092	4	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	72	6.9	496.8	Approved
547558	KLX-IR	10/5/2015 9:47	5186	845	13	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	48	69.86	3353.28	Approved
547558	KLX	10/5/2015 9:47	5187	1101	1	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	24	11.16	267.84	Approved
547558	KLX	10/5/2015 9:47	5187	1319	2	1	7001348	LAMP,MERCURY VAPOR,175W,DELUXE WHITE,MOGUL BASE,24,000 HOURS,8,000 LUMENS,3-1/2" X 3-1/2" X 8-1/2" LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD	EACH	24	5.02	120.48	Approved
547558	KLX-IR	10/9/2015 8:57	5240	810	13	1	7001312	NEMA STICKER	EACH	24	71.52	1716.48	Approved

								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN							
547558	KLX	10/9/2015 8:57	5241	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved		
547558	KLX	10/9/2015 8:57	5241	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	108	6.9	745.2	Approved		
547558	KLX	10/9/2015 8:57	5241	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	36	6.9	248.4	Approved		
547558	KLX	10/9/2015 8:57	5241	1318	4	1	7001347	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X 10"	EACH	48	7.66	367.68	Approved		
547558	KLX-IR	10/15/2015 13:16	5282	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	166.86	1001.16	Approved		
547558	KLX-IR	10/15/2015 13:16	5282	21	2	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	2	166.86	333.72	Approved		
547558	KLX-IR	10/15/2015 13:16	5282	811	15	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	6	164.59	987.54	Approved		
547558	KLX-IR	10/15/2015 13:16	5282	1060	17	1	3007400	LUMINAIRE,CONTEMPORARY,MH,PULSE START 150W,HPF,TYPE III,120/240/277/480V FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER, W/MED BASE LAMP	EACH	10	248.63	2486.3	Approved		
547558	KLX	10/15/2015 13:16	5283	1090	1	1	7001343	LAMP,HPS,4000L,50W	EACH	36	6.9	248.4	Approved		
547558	KLX	10/15/2015 13:16	5283	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	48	6.9	331.2	Approved		
547558	KLX	10/15/2015 13:16	5283	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved		
593773	KLX	10/16/2015 7:57		1	1	1	7003841	STARTER,LIGHTING,HPS,50W-100W,COOPER LIGHTING	EACH	10	18.51	185.1	Approved		
547558	KLX-IR	10/19/2015 9:33	5293	986	1	1	3005453	LUMINAIRE,CONTEMPORARY,MH,PULSE START,350W,HPF,TYPE III,120V FOR ROUND POLE,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER,BLACK,W/LAMP	EACH	10	298.64	2986.4	Approved		
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN							
547558	KLX	10/23/2015 10:36	5349	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved		
547558	KLX	10/23/2015 10:36	5349	1090	2	1	7001343	LAMP,HPS,4000L,50W	EACH	96	6.9	662.4	Approved		
547558	KLX	10/23/2015 10:36	5349	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved		
547558	KLX	10/23/2015 10:36	5349	1100	4	1	7005978	LAMP,MH,14000L V - 12000L H,175W	EACH	12	10.23	122.76	Approved		
547558	KLX	10/23/2015 10:36	5349	1101	5	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	30	11.16	334.8	Approved		
								CONTROL,PHOTOELECTRIC,105/285V,BLUE COVER,ELECTRONIC,1000W,1800VA,TIMED DELAYED,1.5 FCS TURN							
547558	KLX	10/23/2015 10:37	5351	406	1	1	7001332	ON,PHOTOTRANSISTOR PHOTOCCELL,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,FOR USE ON 120V,208V,240V AND 277V	EACH	50	3.26	163	Approved		
547558	KLX-IR	10/26/2015 14:22	5357	408	9	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	8	31.77	254.16	Approved		
547558	KLX-IR	10/26/2015 14:22	5357	811	12	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	16	164.59	2633.44	Approved		
547558	KLX-IR	10/26/2015 14:22	5357	819	13	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	8	33.74	269.92	Approved		
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN							
547558	KLX	10/30/2015 14:30	5402	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved		
547558	KLX	10/30/2015 14:30	5402	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	120	6.9	828	Approved		
547558	KLX	10/30/2015 14:30	5402	1101	3	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	30	11.16	334.8	Approved		
547558	KLX-IR	10/30/2015 14:34	5403	22	1	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	12	141.08	1692.96	Approved		
547558	KLX	11/5/2015 16:04	5444	984	1	1	3005450	LAMP,PULSE START,MH,MOGUL BASE,350W	EACH	24	23.21	557.04	Approved		
547558	KLX	11/5/2015 16:04	5444	1092	2	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	96	6.9	662.4	Approved		
547558	KLX	11/5/2015 16:04	5444	1093	3	1	7001346	LAMP, HPS, #S66MN-200	EACH	48	8.3	398.4	Approved		
547558	KLX	11/5/2015 16:04	5444	1101	4	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	36	11.16	401.76	Approved		

547558	KLX	11/5/2015 16:04	5444	1318	5	1	7001347	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X 10"	EACH	60	7.66	459.6	Approved
547558	KLX-IR	11/5/2015 16:07	5445	408	14	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	8	31.77	254.16	Approved
547558	KLX-IR	11/5/2015 16:07	5445	819	18	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX-IR	11/5/2015 16:07	5445	820	19	1	7001326	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	12	66.59	799.08	Approved
547558	KLX-IR	11/5/2015 16:07	5445	824	20	1	7001339	OPTICAL ASSEMBLY,OPEN BOTTOM,TYPE V,PLASTIC ***FOR MAINTENANCE ONLY***	EACH	4	11.92	47.68	Approved
547558	KLX-IR	11/5/2015 16:07	5445	981	21	1	3005447	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL BASE LAMP	EACH	15	195.36	2930.4	Approved
547558	KLX-IR	11/9/2015 15:02	5451	837	1	1	7001325	LUMINAIRE,ACORN,HPS,100W,120V,TYPE V,NPF,W/9" TRADITIONAL ACRYLIC GLOBE,BLACK	EACH	12	234.67	2816.04	Approved
595440	KLX-IR	11/12/2015 11:25		1	1	1	7006734	LUMINAIRE,COACH,HPS,100W,120V,9500 LUMENS,GLASS,MOG-BASE,NPF,W/STANDARD NEMA STICKER	EACH	5	633	3165	Approved
547558	KLX-IR	11/12/2015 14:56	5493	408	10	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	8	31.77	254.16	Approved
547558	KLX-IR	11/12/2015 14:56	5493	811	16	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	18	164.59	2962.62	Approved
547558	KLX-IR	11/12/2015 14:56	5493	819	17	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	6	33.74	202.44	Approved
547558	KLX	11/12/2015 14:56	5495	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX	11/12/2015 14:56	5495	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	70	6.9	483	Approved
547558	KLX	11/12/2015 14:56	5495	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved
547558	KLX	11/12/2015 14:56	5495	1101	4	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	18	11.16	200.88	Approved
547558	KLX	11/12/2015 14:56	5495	1318	5	1	7001347	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X 10"	EACH	48	7.66	367.68	Approved
547558	KLX-IR	11/13/2015 13:50	5505	430	1	1	7001722	ARM,MAST,LIGHTING,2" X 15',ALUM,WOOD POLE,MOUNTING,UNDERBRACE,TRUSS ARM	EACH	5	245.64	1228.2	Approved
547558	KLX-IR	11/18/2015 11:32	5523	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	8	166.86	1334.88	Approved
547558	KLX-IR	11/18/2015 11:32	5523	811	21	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	12	164.59	1975.08	Approved
547558	KLX-IR	11/18/2015 11:32	5523	819	22	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	8	33.74	269.92	Approved
547558	KLX	11/18/2015 12:51	5527	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX	11/18/2015 12:51	5527	1090	2	1	7001343	LAMP,HPS,4000L,50W	EACH	36	6.9	248.4	Approved
547558	KLX	11/18/2015 12:51	5527	1091	3	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	48	6.9	331.2	Approved
547558	KLX	11/18/2015 12:51	5527	1092	4	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved
547558	KLX	11/18/2015 12:51	5527	1101	5	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	24	11.16	267.84	Approved
547558	KLX	11/25/2015 16:31	5570	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX	11/25/2015 16:31	5570	984	2	1	3005450	LAMP,PULSE START,MH,MOGUL BASE,350W	EACH	24	23.21	557.04	Approved
547558	KLX	11/25/2015 16:31	5570	1091	3	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	60	6.9	414	Approved
547558	KLX	11/25/2015 16:31	5570	1092	4	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved
547558	KLX	11/25/2015 16:31	5570	1093	5	1	7001346	LAMP, HPS, #S66MN-200	EACH	120	8.3	996	Approved

547558	KLX	11/25/2015 16:31	5570	1101	6	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	48	11.16	535.68	Approved
547558	KLX-IR	11/25/2015 16:31	5571	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	12	166.86	2002.32	Approved
547558	KLX	12/3/2015 13:33	5600	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX	12/3/2015 13:33	5600	1090	2	1	7001343	LAMP,HPS,4000L,50W	EACH	36	6.9	248.4	Approved
547558	KLX	12/3/2015 13:33	5600	1091	3	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	48	6.9	331.2	Approved
547558	KLX	12/3/2015 13:33	5600	1092	4	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved
547558	KLX	12/3/2015 13:33	5600	1101	5	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	18	11.16	200.88	Approved
547558	KLX-IR	12/3/2015 13:34	5601	819	18	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX-IR	12/3/2015 13:34	5601	820	19	1	7001326	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	8	66.59	532.72	Approved
547558	KLX-IR	12/4/2015 7:58	5604	825	1	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG- INSTARTER,BLACK,W/STANDARD NEMA STICKER	EACH	24	231.46	5555.04	Approved
547558	KLX-IR	12/4/2015 7:58	5604	845	2	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	48	69.86	3353.28	Approved
547558	KLX-IR	12/10/2015 16:06	5659	22	1	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	8	141.08	1128.64	Approved
547558	KLX-IR	12/10/2015 16:06	5659	807	13	1	7001311	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	12/10/2015 16:06	5659	811	14	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	10	164.59	1645.9	Approved
547558	KLX-IR	12/10/2015 16:06	5659	819	15	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX-IR	12/10/2015 16:06	5659	826	16	1	7001320	LUMINAIRE,CONTEMPARY,HPS,100W,120V,NPF,TYPE III,9500 LUMENS,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK, W/STANDARD NEMA STICKER	EACH	24	231.46	5323.58	Approved
547558	KLX-IR	12/10/2015 16:06	5659	844	17	1	7001310	LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	12	145.5	1746	Approved
547558	KLX	12/10/2015 16:06	5660	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX	12/10/2015 16:06	5660	1091	2	1	7001344	LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	48	6.9	331.2	Approved
547558	KLX	12/10/2015 16:06	5660	1092	3	1	7001345	LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved
547558	KLX	12/10/2015 16:06	5660	1093	4	1	7001346	LAMP, HPS, #S66MN-200	EACH	72	8.3	597.6	Approved
547558	KLX	12/10/2015 16:06	5660	1101	5	1	7005979	LAMP,MH,36000L V - 32000L H,400W	EACH	18	11.16	200.88	Approved
547558	KLX	12/10/2015 16:06	5660	1318	6	1	7001347	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X 10"	EACH	96	7.66	735.36	Approved
547558	KLX-IR	12/11/2015 15:48	5670	426	1	1	7001718	CAP,SHORTING,PHOTOCONTROL BASE,LOCKING TYPE	EACH	50	3.51	175.5	Approved
547558	KLX-IR	12/16/2015 8:29	5691	864	1	1	7001726	ADAPTER,LIGHTING,SLIP FITTER	EACH	10	20.49	204.9	Approved
597221	KLX	12/16/2015 9:31		1	1	1	7003841	STARTER,LIGHTING,HPS,50W-100W,COOPER LIGHTING RELAY,MULTIPLE,60AMP,120/240V,2-POLE,W/ PHOTO ELECTRIC CONTROL RECEPTABLE,CONTROLS A NUMBER OF	EACH	20	18.51	370.2	Approved
597224	KLX-IR	12/16/2015 9:35		1	1	1	7010162	LUMINAIRES FORM ONE LOCATION, OUTDOOR LIGHTING,12LB,12"X 6" X 9"	EACH	3	653.74	1961.22	Approved
547558	KLX-IR	12/18/2015 7:46	5716	408	7	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD	EACH	8	31.77	254.16	Approved
547558	KLX-IR	12/18/2015 7:46	5716	810	10	1	7001312	NEMA STICKER	EACH	24	71.52	1716.48	Approved

547558	KLX-IR	12/18/2015 7:46	5716	819	11	1	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX	12/18/2015 9:25	5718	405	1	1	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX	12/18/2015 9:25	5718	1090	2	1	7001343 LAMP,HPS,4000L,50W	EACH	48	6.9	331.2	Approved
547558	KLX	12/18/2015 9:25	5718	1091	3	1	7001344 LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	96	6.9	662.4	Approved
547558	KLX	12/18/2015 9:25	5718	1092	4	1	7001345 LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	72	6.9	496.8	Approved
547558	KLX	12/18/2015 9:25	5718	1093	5	1	7001346 LAMP, HPS, #S66MN-200	EACH	96	8.3	796.8	Approved
547558	KLX	12/18/2015 9:25	5718	1318	6	1	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X 10"	EACH	96	7.66	735.36	Approved
547558	KLX	12/28/2015 8:55	5741	1091	1	1	7001344 LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	36	6.9	248.4	Approved
547558	KLX	12/28/2015 8:55	5741	1092	2	1	7001345 LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	36	6.9	248.4	Approved
547558	KLX	12/31/2015 13:09	5774	984	1	1	3005450 LAMP,PULSE START,MH,MOGUL BASE,350W	EACH	24	23.21	557.04	Approved
547558	KLX	12/31/2015 13:09	5774	1101	2	1	7005979 LAMP,MH,36000L V - 32000L H,400W	EACH	12	11.16	133.92	Approved
547558	KLX	12/31/2015 13:09	5774	1319	3	1	7001348 LAMP,MERCURY VAPOR,175W,DELUXE WHITE,MOGUL BASE,24,000 HOURS,8,000 LUMENS,3-1/2" X 3-1/2" X 8-1/2"	EACH	36	5.02	180.72	Approved
547558	KLX	12/31/2015 13:09	5774	1320	4	1	7001349 LAMP,MERCURY VAPOR,250W,DELUXE WHITE,MOGUL BASE,24,000 HOURS,13,000 LUMENS,3-1/2" X 3-1/2" X 8-1/2"	EACH	36	5.8	208.8	Approved
547558	KLX-IR	12/31/2015 13:09	5775	819	12	1	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX-IR	12/31/2015 13:09	5775	827	13	1	7001321 LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	8	226.53	1812.24	Approved
547558	KLX-IR	1/6/2016 15:51	5804	820	1	1	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	6	66.59	399.54	Approved
547558	KLX-IR	1/7/2016 12:48	5819	807	20	1	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	1/7/2016 12:48	5819	810	21	1	LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	71.52	1716.48	Approved
547558	KLX-IR	1/7/2016 12:48	5819	844	22	1	LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	12	145.5	1746	Approved
547558	KLX	1/7/2016 12:48	5820	1091	1	1	7001344 LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	48	6.9	331.2	Approved
547558	KLX	1/7/2016 12:48	5820	1092	2	1	7001345 LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	48	6.9	331.2	Approved
547558	KLX	1/7/2016 12:48	5820	1102	3	1	7005980 LAMP,MH,110000L V - 107800L H,1000W	EACH	12	22.98	275.76	Approved
547558	KLX	1/14/2016 8:21	5869	405	1	1	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX	1/22/2016 7:53	5913	405	1	1	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX-IR	1/22/2016 8:32	5915	827	19	1	7001321 LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	10	226.53	226.53	Approved
547558	KLX-IR	1/22/2016 8:32	5915	967	21	1	1185901 BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DOUBLE KEY HOLE SLOTS,W/GROUNDING HARDWARE	EACH	5	102.49	512.45	Approved
547558	KLX-IR	1/28/2016 14:55	5947	21	1	1	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	11	166.86	1835.46	Approved

								LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6'						
547558	KLX-IR	1/28/2016 14:55	5947	22	2	1	908451	#14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	8	141.08	1128.64	Approved	
547558	KLX-IR	1/28/2016 14:55	5947	408	13	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved	
547558	KLX-IR	1/28/2016 14:55	5947	824	17	1	7001339	OPTICAL ASSEMBLY,OPEN BOTTOM,TYPE V,PLASTIC ***FOR MAINTENANCE ONLY***	EACH	4	11.92	47.68	Approved	
								LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL						
547558	KLX-IR	1/28/2016 14:55	5947	981	18	1	3005447	BASE LAMP	EACH	6	195.36	1172.16	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY						
547558	KLX	2/4/2016 12:25	5985	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved	
								LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER						
547558	KLX-IR	2/11/2016 12:19	6020	807	12	1	7001311	STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved	
								BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DOUBLE KEY HOLE SLOTS,W/GROUNDING HARDWARE LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL						
547558	KLX-IR	2/11/2016 12:19	6020	967	13	1	1185901	BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DOUBLE KEY HOLE SLOTS,W/GROUNDING HARDWARE	EACH	8	102.71	821.68	Approved	
547558	KLX-IR	2/11/2016 12:19	6020	981	14	1	3005447	BASE LAMP	EACH	12	195.36	2344.32	Approved	
547558	KLX-IR	2/18/2016 16:35	6054	408	7	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved	
								BRACKET,LIGHTING,SINGLE DIR. FIX. ORN POLE,24",AL,4-1/2" DIAMETER POLE,TO BE USED WITH SLIP FITTER ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO ORNAMENTAL POLE						
547558	KLX-IR	2/22/2016 13:02	6061	869	1	1	7010125	ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO ORNAMENTAL POLE	EACH	10	139.23	1392.3	Approved	
								LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER						
547558	KLX-IR	2/25/2016 16:13	6089	811	12	1	7001328	STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	5	164.59	822.95	Approved	
								LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP						
547558	KLX-IR	2/25/2016 16:13	6089	819	13	1	7003307	OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved	
								LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED						
547558	KLX-IR	2/25/2016 16:13	6089	820	14	1	7001326	CARRIAGE BOLT INSTALLED	EACH	12	66.59	799.08	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY						
547558	KLX	2/25/2016 16:13	6091	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	400	3.04	1216	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY						
547558	KLX	3/3/2016 15:46	6123	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved	
								LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER						
547558	KLX-IR	3/3/2016 15:46	6124	810	11	1	7001312	NEMA STICKER	EACH	24	71.52	1716.48	Approved	
								LUMINAIRE,FLOOD,PULSE START MH,150W,120/208/240/277V,6X6,NPF,PLUG-IN STARTER,PEC/REC,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MEDIUM BASE LAMP						
547558	KLX-IR	3/3/2016 15:46	6124	982	13	1	3005448	#14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MEDIUM BASE LAMP	EACH	5	186.49	932.45	Approved	
								LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL						
547558	KLX-IR	3/11/2016 11:26	6164	981	18	1	3005447	BASE LAMP	EACH	10	195.36	1953.6	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY						
547558	KLX	3/11/2016 11:26	6165	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved	
								LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER						
547558	KLX-IR	3/18/2016 13:30	6203	21	1	1	908443	#14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	166.86	1001.16	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY						
547558	KLX-IR	3/18/2016 13:30	6203	405	14	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	24	3.04	72.96	Approved	

								LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN						
547558	KLX-IR	3/18/2016 13:30	6203	811	23	1	7001328	STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	6	164.59	987.54	Approved	
547558	KLX-IR	3/18/2016 13:30	6203	824	24	1	7001339	OPTICAL ASSEMBLY,OPEN BOTTOM,TYPE V,PLASTIC ***FOR MAINTENANCE ONLY***	EACH	4	11.92	47.68	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN						
547558	KLX	3/18/2016 13:30	6204	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved	
								LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6'						
547558	KLX-IR	3/23/2016 15:58	6236	21	2	1	908443	#14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	15	166.86	2502.9	Approved	
								LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN						
547558	KLX-IR	3/23/2016 15:58	6236	807	14	1	7001311	STARTER,W/STANDARD NEMA STICKER	EACH	48	99.94	4797.12	Approved	
								LUMINAIRE,COLONIAL,HPS,70W,120V,5800 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER.						
547558	KLX-IR	3/30/2016 10:55	6268	842	1	1	7001308	W/PLUG-IN STARTER,W/STANDARD NEWM STICKER	EACH	10	118.6	1186	Approved	
								LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN						
547558	KLX-IR	3/31/2016 14:56	6281	844	13	1	7001310	STARTER,W/STANDARD NEMA STICKER	EACH	30	145.5	4365	Approved	
								LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD						
547558	KLX-IR	3/31/2016 14:56	6281	845	14	1	7001313	NEMA STICKER	EACH	48	69.86	3353.28	Approved	
								LUMINAIRE,COLONIAL,HPS,100W,120V,NPF,TYPE V,VERTICAL LAMP, BLACK,PEC/REC,55V OPER,W/PLUG-IN STARTER						
547558	KLX-IR	3/31/2016 14:56	6281	849	15	1	7001304	***FOR MAINTENANCE ONLY***	EACH	10	114.92	1149.2	Approved	
547558	KLX-IR	4/4/2016 9:03	6288	837	1	1	7001325	LUMINAIRE,ACORN,HPS,100W,120V,TYPE V,NPF,W/9" TRADITIONAL ACRYLIC GLOBE,BLACK	EACH	15	234.67	3520.05	Approved	
								LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN						
547558	KLX	4/8/2016 17:25	6325	807	1	1	7001311	STARTER,W/STANDARD NEMA STICKER	EACH	76	99.94	7595.44	Approved	
								LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN						
547558	KLX	4/8/2016 17:25	6325	844	2	1	7001310	STARTER,W/STANDARD NEMA STICKER	EACH	20	145.5	2910	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN						
547558	KLX	4/8/2016 17:28	6327	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved	
								LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6'						
547558	KLX-IR	4/8/2016 17:29	6328	22	1	1	908451	#14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	141.08	564.32	Approved	
								LUMINAIRE,COLONIAL,HPS,100W,120V,9500 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER.						
547558	KLX-IR	4/8/2016 17:29	6328	809	15	1	7001307	W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	12	119.83	1437.96	Approved	
								LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN						
547558	KLX-IR	4/8/2016 17:29	6328	811	16	1	7001328	STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	4	164.59	658.36	Approved	
								LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND						
547558	KLX-IR	4/8/2016 17:29	6328	820	17	1	7001326	CARRIAGE BOLT INSTALLED	EACH	8	66.59	532.72	Approved	
547558	KLX-IR	4/8/2016 17:29	6328	824	18	1	7001339	OPTICAL ASSEMBLY,OPEN BOTTOM,TYPE V,PLASTIC ***FOR MAINTENANCE ONLY***	EACH	4	11.92	47.68	Approved	
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN						
547558	KLX	4/15/2016 9:38	6364	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved	
								LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6'						
547558	KLX-IR	4/15/2016 9:56	6365	21	1	1	908443	#14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	8	166.86	1334.88	Approved	
								LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN						
547558	KLX-IR	4/15/2016 9:56	6365	811	20	1	7001328	STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	10	164.59	1645.9	Approved	
								LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V						
547558	KLX-IR	4/15/2016 9:56	6365	819	21	1	7003307	OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved	
547558	KLX-IR	4/21/2016 14:41	6400	408	4	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved	
547558	KLX-IR	4/21/2016 14:41	6400	967	14	1	1185901	BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DOUBLE KEY HOLE SLOTS,W/GROUNDING HARDWARE	EACH	5	102.71	513.55	Approved	

547558	KLX	4/25/2016 15:50	6415	405	11	1	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN 7001331 ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	600	3.04	1824	Approved
547558	KLX	4/25/2016 15:50	6415	810	1	1	LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD 7001312 NEMA STICKER	EACH	48	71.52	3432.96	Approved
547558	KLX	4/25/2016 15:50	6415	845	3	1	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD 7001313 NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX	4/25/2016 15:50	6415	871	4	1	7010269 STARTER,LIGHTING,HPS,50W-400W,PLUG-IN TYPE,GE	EACH	300	22.65	6795	Approved
547558	KLX	4/25/2016 15:50	6415	1091	5	1	7001344 LAMP,HIGH PRESSURE SODIUM,70W,55V,CLEAR,MOGUL BASE,5,800 LUMENS	EACH	144	7.07	1018.08	Approved
547558	KLX	4/25/2016 15:50	6415	1092	6	1	7001345 LAMP,HIGH PRESSURE SODIUM,100W,50V,CLEAR MOGUL BASE,9,500 LUMENS,BULB E-23 1/2	EACH	216	7.58	1637.28	Approved
547558	KLX	4/25/2016 15:50	6415	1093	7	1	7001346 LAMP, HPS, #S66MN-200	EACH	300	4	1200	Approved
547558	KLX	4/25/2016 15:50	6415	1318	8	1	LAMP,HIGH PRESSURE SODIUM,400W,100V,CLEAR,MOGUL BASE,24,000 HOURS,50,000 LUMENS,2-1/2" X 2-1/2" X 7001347 10"	EACH	144	7.66	1103.04	Approved
547558	KLX	4/25/2016 15:50	6415	1320	9	1	7001349 LAMP,MERCURY VAPOR,250W,DELUXE WHITE,MOGUL BASE,24,000 HOURS,13,000 LUMENS,3-1/2" X 3-1/2" X 8-1/2"	EACH	23	5.8	133.4	Approved
547558	KLX	4/25/2016 15:50	6415	1321	10	1	7001350 LAMP,MERCURY,400W,DELUXE WHITE,MOGUL BASE,24,000 HOURS,25,000 LUMENS	EACH	136	7.32	995.52	Approved
547558	KLX-IR	4/29/2016 13:40	6447	22	1	1	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' 908451 #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	5	141.08	705.4	Approved
547558	KLX-IR	4/29/2016 13:40	6447	810	12	1	LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD 7001312 NEMA STICKER	EACH	24	71.52	1716.48	Approved
547558	KLX-IR	4/29/2016 13:40	6447	827	13	1	7001321 LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	10	226.53	0	Approved
547558	KLX-IR	4/29/2016 13:40	6447	829	14	1	LUMINAIRE,CONTEMPARY,HPS,400W,277V,HPF,TYPE III,50000L,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK 7003896 *****FOR MAINTENANCE USE ONLY*****	EACH	4	241.64	966.56	Approved
547558	KLX-IR	4/29/2016 13:40	6447	981	15	1	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL 3005447 BASE LAMP	EACH	6	195.36	1172.16	Approved
604825	KLX-IR	5/5/2016 9:10		1	1	1	3000399 LUMINAIRE,COBRA,HPS,400W,120/208/240/277V,50,000 LUMENS,TYPE III	EACH	4	152.13	608.52	Approved
547558	KLX-IR	5/5/2016 11:28	6479	21	1	1	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' 908443 #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	5/5/2016 11:28	6479	807	16	1	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN 7001311 STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	5/5/2016 11:28	6479	811	17	1	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN 7001328 STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	6	164.59	987.54	Approved
547558	KLX	5/5/2016 13:02	6483	1320	1	1	7001349 LAMP,MERCURY VAPOR,250W,DELUXE WHITE,MOGUL BASE,24,000 HOURS,13,000 LUMENS,3-1/2" X 3-1/2" X 8-1/2"	EACH	36	6.39	230.04	Approved
605120	KLX-IR	5/11/2016 12:14		1	1	1	7006484 TENON,LIGHTING POLE,AL,SLIP FITTER ADAPTER,4" OD	EACH	10	100	1000	Approved
547558	KLX-IR	5/12/2016 15:13	6527	811	15	1	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN 7001328 STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	4	164.59	658.36	Approved
547558	KLX	5/19/2016 15:30	6568	405	1	1	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN 7001331 ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	5/26/2016 14:57	6599	819	19	1	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V 7003307 OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX	6/10/2016 11:26	6672	405	1	1	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN 7001331 ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved

547558	KLX-IR	6/16/2016 14:13	6706	811	11	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	7	164.59	1152.13	Approved
547558	KLX-IR	6/16/2016 14:13	6706	819	12	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX-IR	6/16/2016 14:13	6706	827	13	1	7001321	LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	8	226.53	0	Approved
547558	KLX	6/16/2016 14:13	6707	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
607263	KLX-IR	6/23/2016 15:28		1	1	1	7001321	LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	10	303.88	3038.8	Approved
547558	KLX	6/23/2016 16:25	6744	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved
547558	KLX-IR	6/23/2016 16:26	6745	819	12	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX-IR	7/1/2016 10:21	6787	819	17	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX-IR	7/7/2016 14:38	6810	819	16	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX-IR	7/7/2016 14:38	6810	981	18	1	3005447	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL BASE LAMP	EACH	8	195.36	1562.88	Approved
547558	KLX-IR	7/14/2016 16:24	6866	408	8	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved
547558	KLX-IR	7/20/2016 9:59	6885	864	1	1	7001726	ADAPTER,LIGHTING,SLIP FITTER	EACH	10	20.49	204.9	Approved
547558	KLX-IR	7/21/2016 16:46	6894	409	1	1	7001369	ARM,MAST,LIGHTING,2" X 6',ALUM,WOOD POLE,MOUNTING,UPSWEEEP	EACH	10	69.76	697.6	Approved
547558	KLX	7/21/2016 16:46	6895	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	7/21/2016 16:50	6897	807	15	1	7001311	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	7/21/2016 16:50	6897	869	16	1	7010125	BRACKET,LIGHTING,SINGLE DIR. FIX. ORN POLE,24",AL,4-1/2" DIAMETER POLE,TO BE USED WITH SLIP FITTER ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO ORNAMENTAL POLE	EACH	20	139.23	2784.6	Approved
608599	KLX-IR	7/22/2016 14:42		1	1	1	3005451	LUMINAIRE,CONTEMPARY,MH,PULSE START 350W,HPF,TYPE III,120/240/277/480V FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER, W/LAMP	EACH	2	314.93	629.86	Approved
608599	KLX-IR	7/22/2016 14:42		2	1	1	7001322	LUMINAIRE,CONTEMPARY,HPS,400W,120V,HPF,TYPE III,50000 LUMENS,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	4	309.4	1237.6	Approved
608599	KLX-IR	7/22/2016 14:42		3	1	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	10	303.88	3038.8	Approved
608601	KLX-IR	7/22/2016 14:59		1	1	1	3000469	BRACKET,LIGHTING,SINGLE,DIRECTIONAL FIXTURE,18" AL,4" DIAMETER POLE,BLACK,TO BE USED WITH SLIP FITTER ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO CONTEMPORARY POLE	EACH	20	155.81	3116.2	Approved
547558	KLX-IR	7/27/2016 8:37	6918	845	1	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX-IR	7/29/2016 11:21	6935	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	7/29/2016 11:21	6935	22	2	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	2	141.08	282.16	Approved

547558	KLX-IR	7/29/2016 11:21	6935	811	25	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	8	164.59	1316.72	Approved
547558	KLX-IR	7/29/2016 11:21	6935	819	26	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX-IR	7/29/2016 11:21	6935	845	27	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX	8/3/2016 10:57	6956	985	1	1	3005451	LUMINAIRE,CONTEMPARY,MH,PULSE START 350W,HPF,TYPE III,120/240/277/480V FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER, W/LAMP	EACH	18	298.64	5375.52	Approved
547558	KLX-IR	8/4/2016 8:50	6966	409	1	1	7001369	ARM,MAST,LIGHTING,2" X 6',ALUM,WOOD POLE,MOUNTING,UPSWEEP	EACH	30	69.76	2092.8	Approved
547558	KLX	8/5/2016 9:40	6976	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	8/5/2016 9:43	6977	21	2	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	8/5/2016 9:43	6977	22	3	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	141.08	564.32	Approved
547558	KLX-IR	8/5/2016 9:43	6977	408	19	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved
547558	KLX-IR	8/5/2016 9:43	6977	807	26	1	7001311	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	8/5/2016 9:43	6977	819	27	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX-IR	8/5/2016 9:43	6977	836	28	1	7001324	LUMINAIRE,ACORN,HPS,70W,120V,TYPE V,NPF,W/9" TRADITIONAL ACRYLIC GLOBE,BLACK	EACH	2	284.19	568.38	Approved
547558	KLX-IR	8/5/2016 9:43	6977	869	29	1	7010125	BRACKET,LIGHTING,SINGLE DIR. FIX. ORN POLE,24",AL,4-1/2" DIAMETER POLE,TO BE USED WITH SLIP FITTER ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO ORNAMENTAL POLE	EACH	10	139.23	1392.3	Approved
547558	KLX-IR	8/12/2016 16:42	7012	21	2	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	8/12/2016 16:42	7012	22	3	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	141.08	846.48	Approved
547558	KLX-IR	8/12/2016 16:42	7012	811	19	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	4	164.59	658.36	Approved
547558	KLX-IR	8/12/2016 16:42	7012	820	20	1	7001326	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	10	66.59	665.9	Approved
547558	KLX-IR	8/12/2016 16:42	7012	825	21	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	10	303.88	3038.8	Approved
547558	KLX-IR	8/12/2016 16:42	7012	869	22	1	7010125	BRACKET,LIGHTING,SINGLE DIR. FIX. ORN POLE,24",AL,4-1/2" DIAMETER POLE,TO BE USED WITH SLIP FITTER ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO ORNAMENTAL POLE	EACH	10	139.23	1392.3	Approved
547558	KLX	8/12/2016 16:43	7013	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	8/18/2016 16:44	7039	811	14	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	10	164.59	1645.9	Approved
547558	KLX-IR	8/18/2016 16:44	7039	819	15	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	8	33.74	269.92	Approved
547558	KLX-IR	8/18/2016 16:44	7039	827	16	1	7001321	LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	6	303.88	1823.28	Approved
547558	KLX-IR	8/18/2016 16:44	7039	845	17	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved

547558	KLX	8/18/2016 16:44	7040	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved
547558	KLX-IR	8/19/2016 10:02	7043	827	1	1	7001321	LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	10	303.88	3038.8	Approved
547558	KLX-IR	8/19/2016 10:02	7043	842	2	1	7001308	LUMINAIRE,COLONIAL,HPS,70W,120V,5800 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER. W/PLUG-IN STARTER,W/STANDARD NEWM STICKER	EACH	22	118.6	2609.2	Approved
610228	KLX-IR	8/19/2016 10:33		1	1	1	7010772	LUMINAIRE,COBRA,HPS,200W,120/208/240/277V,22,000 LUMENS,TYPE III,NPF,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER * * * * FOR MAINTENANCE ONLY * * * *	EACH	5	113.69	568.45	Approved
547558	KLX-IR	8/26/2016 9:44	7081	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX	8/26/2016 9:44	7082	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved
547558	KLX-IR	9/2/2016 8:36	7122	809	17	1	7001307	LUMINAIRE,COLONIAL,HPS,100W,120V,9500 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER. W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	15	119.83	1797.45	Approved
547558	KLX	9/2/2016 8:36	7123	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved
547558	KLX-IR	9/8/2016 15:56	7145	986	17	1	3005453	LUMINAIRE,CONTEMPORARY,MH,PULSE START,350W,HPF,TYPE III,120V FOR ROUND POLE,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER,BLACK,W/LAMP	EACH	2	314.93	629.86	Approved
547558	KLX	9/8/2016 15:56	7146	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX-IR	9/9/2016 13:55	7153	809	1	1	7001307	LUMINAIRE,COLONIAL,HPS,100W,120V,9500 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER. W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	12	119.83	1437.96	Approved
547558	KLX-IR	9/9/2016 13:55	7153	825	2	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	9	303.88	2734.92	Approved
547558	KLX-IR	9/9/2016 13:55	7153	842	3	1	7001308	LUMINAIRE,COLONIAL,HPS,70W,120V,5800 LUMENS,TYPE III,NPF,HORIZONTAL LAMP,BLACK,PEC/REC,55V OPER. W/PLUG-IN STARTER,W/STANDARD NEWM STICKER	EACH	12	118.6	1423.2	Approved
547558	KLX-IR	9/9/2016 13:55	7153	845	4	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX-IR	9/16/2016 14:14	7192	811	22	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	5	164.59	822.95	Approved
547558	KLX-IR	9/16/2016 14:14	7192	825	23	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	15	303.88	4558.2	Approved
547558	KLX	9/16/2016 14:15	7193	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX-IR	9/26/2016 8:37	7238	22	1	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	141.08	564.32	Approved
547558	KLX-IR	9/26/2016 8:37	7238	807	26	1	7001311	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	9/26/2016 8:37	7238	810	27	1	7001312	LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	71.52	1716.48	Approved
547558	KLX-IR	9/26/2016 8:37	7238	811	28	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	4	164.59	658.36	Approved

547558	KLX-IR	9/26/2016 8:37	7238	820	29	1	7001326	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	20	66.59	1331.8	Approved
547558	KLX-IR	9/26/2016 8:37	7238	825	30	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	12	303.88	3646.56	Approved
547558	KLX-IR	9/26/2016 8:37	7238	826	31	1	7001320	LUMINAIRE,CONTEMPARY,HPS,100W,120V,NPF,TYPE III,9500 LUMENS,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK, W/STANDARD NEMA STICKER	EACH	12	303.88	3646.56	Approved
547558	KLX-IR	9/26/2016 8:37	7238	828	32	1	7001322	LUMINAIRE,CONTEMPARY,HPS,400W,120V,HPF,TYPE III,50000 LUMENS,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	5	309.4	1547	Approved
547558	KLX-IR	9/29/2016 15:00	7270	21	2	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	9/29/2016 15:00	7270	811	17	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	4	164.59	658.36	Approved
547558	KLX-IR	9/29/2016 15:00	7270	825	18	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	12	303.88	3646.56	Approved
547558	KLX-IR	9/29/2016 15:00	7270	864	19	1	7001726	ADAPTER,LIGHTING,SLIP FITTER	EACH	12	20.49	245.88	Approved
547558	KLX-IR	9/29/2016 15:00	7270	981	21	1	3005447	LUMINAIRE,FLOOD,PULSE START MH,350W,120/208/240/277V,7X6,AUTO-REG,PEC/REC,PLUG-IN STARTER,PREWIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,DARK BRONZE,W/STANDARD NEMA STICKER,W/MOGUL BASE LAMP	EACH	15	195.36	2930.4	Approved
547558	KLX	9/29/2016 15:00	7271	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
612648	KLX	10/3/2016 11:44		2	1	1	7003841	STARTER,LIGHTING,HPS,50W-100W,COOPER LIGHTING	EACH	20	18.51	370.2	Approved
547558	KLX-IR	10/7/2016 7:56	7301	408	8	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	15	31.77	476.55	Approved
547558	KLX-IR	10/7/2016 7:56	7301	811	12	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	4	164.59	658.36	Approved
547558	KLX-IR	10/7/2016 7:56	7301	844	13	1	7001310	LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	12	145.5	1746	Approved
547558	KLX-IR	10/7/2016 7:56	7301	869	14	1	7010125	BRACKET,LIGHTING,SINGLE DIR. FIX. ORN POLE,24",AL,4-1/2" DIAMETER POLE,TO BE USED WITH SLIP FITTER ADAPTER IIN 7001726,TO HOLD DIRECTIONAL LIGHT TO ORNAMENTAL POLE	EACH	15	139.23	2088.45	Approved
547558	KLX-IR	10/13/2016 17:11	7336	811	9	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	6	164.59	987.54	Approved
547558	KLX-IR	10/13/2016 17:11	7336	825	10	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	24	303.88	7293.12	Approved
547558	KLX-IR	10/13/2016 17:11	7336	849	11	1	7001304	LUMINAIRE,COLONIAL,HPS,100W,120V,NPF,TYPE V,VERTICAL LAMP, BLACK,PEC/REC,55V OPER,W/PLUG-IN STARTER ***FOR MAINTENANCE ONLY***	EACH	12	114.92	1379.04	Approved
613643	KLX	10/19/2016 15:02		1	1	1	7004014	STARTER,LIGHTING,HPS,35W-150W,GE	EACH	3	10.49	31.47	Approved
547558	KLX	10/20/2016 14:58	7370	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX-IR	10/20/2016 14:58	7371	807	10	1	7001311	LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	10/20/2016 14:58	7371	811	11	1	7001328	LUMINAIRE,FLOOD,HPS,400W,120/208/240/277V,50000 LUMENS,6X6,AUTO-REG,PEC/REC,DARK BRONZE,PLUG-IN STARTER,PREWIRED W/6' #14/3 CORD,W/STANDARD NEMA STICKER	EACH	15	164.59	2468.85	Approved
547558	KLX-IR	10/20/2016 14:58	7371	819	12	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	2	33.74	67.48	Approved
547558	KLX-IR	10/20/2016 14:58	7371	825	13	1	7001319	LUMINAIRE,COMTEMPARY,HPS,70W,120V,5800 LUMENS,NPF,TYPE III, FOR ROUND POLE,W/PLUG-IN STARTER,BLACK,W/STANDARD NEMA STICKER	EACH	15	303.88	4558.2	Approved

547558	KLX-IR	10/20/2016 14:58	7371	845	14	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX-IR	10/27/2016 17:54	7410	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	10/27/2016 17:54	7410	22	2	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	141.08	846.48	Approved
547558	KLX-IR	10/27/2016 17:54	7410	826	17	1	7001320	LUMINAIRE,CONTEMPARY,HPS,100W,120V,NPF,TYPE III,9500 LUMENS,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK, W/STANDARD NEMA STICKER	EACH	12	303.88	3646.56	Approved
547558	KLX-IR	10/27/2016 17:54	7410	844	18	1	7001310	LUMINAIRE,COBRA,HPS,400W,120V,50000 LUMENS,TYPE III,AUTO-REG BALLAST,GLASS,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	12	145.5	1746	Approved
547558	KLX	10/27/2016 17:54	7411	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved
547558	KLX-IR	10/31/2016 7:55	7419	836	1	1	7001324	LUMINAIRE,ACORN,HPS,70W,120V,TYPE V,NPF,W/9" TRADITIONAL ACRYLIC GLOBE,BLACK	EACH	6	284.19	1705.14	Approved
547558	KLX-IR	11/4/2016 8:46	7456	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	11/4/2016 8:46	7456	819	14	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	6	33.74	202.44	Approved
547558	KLX-IR	11/4/2016 8:46	7456	845	15	1	7001313	LUMINAIRE,COBRA,HPS,70W,120V,5800 LUMENS,TYPE II,NPF,ACRYLIC,PEC/REC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX-IR	11/4/2016 8:46	7456	967	16	1	1185901	BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DOUBLE KEY HOLE SLOTS,W/GROUNDING HARDWARE	EACH	10	102.71	1027.1	Approved
547558	KLX	11/4/2016 8:47	7458	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	100	3.04	304	Approved
547558	KLX-IR	11/8/2016 15:04	7479	836	1	1	7001324	LUMINAIRE,ACORN,HPS,70W,120V,TYPE V,NPF,W/9" TRADITIONAL ACRYLIC GLOBE,BLACK	EACH	6	284.19	1705.14	Approved
547558	KLX-IR	11/10/2016 14:58	7497	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	4	166.86	667.44	Approved
547558	KLX-IR	11/10/2016 14:58	7497	22	2	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	141.08	846.48	Approved
547558	KLX-IR	11/10/2016 14:58	7497	408	11	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved
547558	KLX-IR	11/10/2016 14:58	7497	819	17	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX	11/10/2016 15:17	7499	405	1	1	7001331	CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	11/17/2016 17:33	7538	21	1	1	908443	LUMINAIRE,FLOOD,HPS,200W,120V,NPF,22000 LUMENS,DARK BRONZE,PLUG-IN STARTER,PEC/REC,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	166.86	1001.16	Approved
547558	KLX-IR	11/17/2016 17:33	7538	22	2	1	908451	LUMINAIRE,FLOOD,HPS,100W,120V,NPF,9500 LUMENS,DARK BRONZE,PEC/REC,PLUG-IN STARTER,PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD,LATCH,W/STANDARD NEMA STICKER	EACH	6	141.08	846.48	Approved
547558	KLX-IR	11/17/2016 17:33	7538	810	19	1	7001312	LUMINAIRE,COBRA,HPS,100W,120V,9500 LUMENS,TYPE II,NPF,PEC/REC,ACRYLIC,W/PLUG-IN STARTER,W/STANDARD NEMA STICKER	EACH	24	71.52	1716.48	Approved
547558	KLX-IR	11/17/2016 17:33	7538	819	20	1	7003307	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	6	33.74	202.44	Approved
547558	KLX-IR	11/17/2016 17:33	7538	820	21	1	7001326	LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,9500 LUMENS,TYPE V,NPF,W/KIT,W/STANDARD NEMA STICKER,AND CARRIAGE BOLT INSTALLED	EACH	18	66.59	1198.62	Approved

547558	KLX-IR	11/17/2016 17:33	7538	849	22	1	7001304	LUMINAIRE, COLONIAL, HPS, 100W, 120V, NPF, TYPE V, VERTICAL LAMP, BLACK, PEC/REC, 55V OPER, W/PLUG-IN STARTER ***FOR MAINTENANCE ONLY***	EACH	12	114.92	1379.04	Approved
547558	KLX	11/17/2016 17:33	7539	405	1	1	7001331	CONTROL, PHOTOELECTRIC, 105/130V, GRAY COVER, ELECTRONIC, 1000W, 1800VA, TIME DELAYED, 1.5 FCS TURN ON, PHOTOTRANSISTOR, MINIMUM 160 JOULE MOV ARRESTER, TWISTLOCK BASE, DUSK TO DAWN, USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX-IR	11/23/2016 13:36	7560	826	14	1	7001320	LUMINAIRE, CONTEMPARY, HPS, 100W, 120V, NPF, TYPE III, 9500 LUMENS, FOR ROUND POLE, W/PLUG-IN STARTER, BLACK, W/STANDARD NEMA STICKER	EACH	16	303.88	4862.08	Approved
547558	KLX-IR	11/23/2016 13:36	7560	842	15	1	7001308	LUMINAIRE, COLONIAL, HPS, 70W, 120V, 5800 LUMENS, TYPE III, NPF, HORIZONTAL LAMP, BLACK, PEC/REC, 55V OPER. W/PLUG-IN STARTER, W/STANDARD NEWM STICKER	EACH	12	118.6	1423.2	Approved
547558	KLX-IR	11/23/2016 13:36	7560	845	16	1	7001313	LUMINAIRE, COBRA, HPS, 70W, 120V, 5800 LUMENS, TYPE II, NPF, ACRYLIC, PEC/REC, W/PLUG-IN STARTER, W/STANDARD NEMA STICKER	EACH	24	69.86	1676.64	Approved
547558	KLX-IR	11/23/2016 13:36	7560	981	17	1	3005447	LUMINAIRE, FLOOD, PULSE START MH, 350W, 120/208/240/277V, 7X6, AUTO-REG, PEC/REC, PLUG-IN STARTER, PREWIRED W/6' #14/3 PRE-STRIPPED CORD, LATCH, DARK BRONZE, W/STANDARD NEMA STICKER, W/MOGUL BASE LAMP	EACH	16	195.36	3125.76	Approved
547558	KLX	11/23/2016 13:46	7561	405	1	1	7001331	CONTROL, PHOTOELECTRIC, 105/130V, GRAY COVER, ELECTRONIC, 1000W, 1800VA, TIME DELAYED, 1.5 FCS TURN ON, PHOTOTRANSISTOR, MINIMUM 160 JOULE MOV ARRESTER, TWISTLOCK BASE, DUSK TO DAWN, USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	12/1/2016 13:04	7589	824	28	1	7001339	OPTICAL ASSEMBLY, OPEN BOTTOM, TYPE V, PLASTIC ***FOR MAINTENANCE ONLY***	EACH	4	11.92	47.68	Approved
547558	KLX	12/1/2016 13:05	7590	405	1	1	7001331	CONTROL, PHOTOELECTRIC, 105/130V, GRAY COVER, ELECTRONIC, 1000W, 1800VA, TIME DELAYED, 1.5 FCS TURN ON, PHOTOTRANSISTOR, MINIMUM 160 JOULE MOV ARRESTER, TWISTLOCK BASE, DUSK TO DAWN, USE IN 120V ONLY	EACH	200	3.04	608	Approved
547558	KLX-IR	12/5/2016 9:45	7603	409	1	1	7001369	ARM, MAST, LIGHTING, 2" X 6', ALUM, WOOD POLE, MOUNTING, UPSWEEP	EACH	10	69.76	697.6	Approved
547558	KLX-IR	12/5/2016 9:45	7603	430	2	1	7001722	ARM, MAST, LIGHTING, 2" X 15', ALUM, WOOD POLE, MOUNTING, UNDERBRACE, TRUSS ARM	EACH	5	247.74	1238.7	Approved
547558	KLX	12/5/2016 11:12	7605	405	2	1	7001331	CONTROL, PHOTOELECTRIC, 105/130V, GRAY COVER, ELECTRONIC, 1000W, 1800VA, TIME DELAYED, 1.5 FCS TURN ON, PHOTOTRANSISTOR, MINIMUM 160 JOULE MOV ARRESTER, TWISTLOCK BASE, DUSK TO DAWN, USE IN 120V ONLY	EACH	83	3.04	252.32	Approved
547558	KLX	12/5/2016 11:12	7605	807	1	1	7001311	LUMINAIRE, COBRA, HPS, 200W, 120V, 22000 LUMENS, TYPE III, AUTO-REG, GLASS, PEC/REC, W/PLUG-IN STARTER, W/STANDARD NEMA STICKER	EACH	83	99.94	8295.02	Approved
547558	KLX	12/5/2016 11:12	7605	1093	3	1	7001346	LAMP, HPS, #S66MN-200	EACH	83	9.08	753.64	Approved
547558	KLX	12/5/2016 17:13	7607	409	1	1	7001369	ARM, MAST, LIGHTING, 2" X 6', ALUM, WOOD POLE, MOUNTING, UPSWEEP	EACH	40	69.76	2790.4	Approved
616150	KLX-IR	12/6/2016 14:11		1	1	1	7002216	ARM, MAST, LIGHTING, 2" X 4', ALUM, WOOD POLE, MOUNTING, UPSWEEP	EACH	10	51.71	517.1	Approved
547558	KLX	12/6/2016 15:32	7614	408	3	1	7001368	BRACKET, LIGHTING, DIRECTIONAL FIXTURE, GALVANIZED	EACH	9	31.77	285.93	Approved
547558	KLX	12/6/2016 15:32	7614	811	1	1	7001328	LUMINAIRE, FLOOD, HPS, 400W, 120/208/240/277V, 50000 LUMENS, 6X6, AUTO-REG, PEC/REC, DARK BRONZE, PLUG-IN STARTER, PREWIRED W/6' #14/3 CORD, W/STANDARD NEMA STICKER	EACH	38	164.59	6254.42	Approved
547558	KLX	12/6/2016 15:32	7614	967	2	1	1185901	BRACKET, FLOODLIGHT, DOUBLE-UP OR DOUBLE DOWN, AL, W/DOUBLE KEY HOLE SLOTS, W/GROUNDING HARDWARE	EACH	7	102.71	718.97	Approved
547558	KLX-IR	12/9/2016 8:48	7629	22	2	1	908451	LUMINAIRE, FLOOD, HPS, 100W, 120V, NPF, 9500 LUMENS, DARK BRONZE, PEC/REC, PLUG-IN STARTER, PRE-WIRED W/6' #14/3 PRE-STRIPPED CORD, LATCH, W/STANDARD NEMA STICKER	EACH	10	141.08	1410.8	Approved
547558	KLX-IR	12/9/2016 8:48	7629	807	25	1	7001311	LUMINAIRE, COBRA, HPS, 200W, 120V, 22000 LUMENS, TYPE III, AUTO-REG, GLASS, PEC/REC, W/PLUG-IN STARTER, W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
547558	KLX-IR	12/9/2016 8:48	7629	810	26	1	7001312	LUMINAIRE, COBRA, HPS, 100W, 120V, 9500 LUMENS, TYPE II, NPF, PEC/REC, ACRYLIC, W/PLUG-IN STARTER, W/STANDARD NEMA STICKER	EACH	24	71.52	1716.48	Approved
547558	KLX-IR	12/9/2016 8:48	7629	811	27	1	7001328	LUMINAIRE, FLOOD, HPS, 400W, 120/208/240/277V, 50000 LUMENS, 6X6, AUTO-REG, PEC/REC, DARK BRONZE, PLUG-IN STARTER, PREWIRED W/6' #14/3 CORD, W/STANDARD NEMA STICKER	EACH	12	164.59	1975.08	Approved
547558	KLX-IR	12/9/2016 8:48	7629	826	28	1	7001320	LUMINAIRE, CONTEMPARY, HPS, 100W, 120V, NPF, TYPE III, 9500 LUMENS, FOR ROUND POLE, W/PLUG-IN STARTER, BLACK, W/STANDARD NEMA STICKER	EACH	10	303.88	3038.8	Approved

547558	KLX-IR	12/9/2016 8:48	7629	827	29	1	7001321	LUMINAIRE,CONTEMPORARY,HPS,22000L,200W,NPF,TYPE III,120V,FOR ROUND POLE,W/PLUG-IN STARTER,BLACK	EACH	5	303.88	1519.4	Approved
								LUMINAIRE,CONTEMPARY,MH,PULSE START 350W,HPF,TYPE III,120/240/277/480V FOR ROUND POLE,W/PLUG-IN					
547558	KLX-IR	12/9/2016 8:48	7629	985	32	1	3005451	STARTER,BLACK,W/STANDARD NEMA STICKER, W/LAMP	EACH	5	314.93	1574.65	Approved
								LUMINAIRE,CONTEMPORARY,MH,PULSE START,350W,HPF,TYPE III,120V FOR ROUND POLE,W/PLUG-IN					
547558	KLX-IR	12/9/2016 8:48	7629	986	33	1	3005453	STARTER,W/STANDARD NEMA STICKER,BLACK,W/LAMP	EACH	5	314.93	1574.65	Approved
								CONTROL,PHOTOELECTRIC,105/130V,GRAY COVER,ELECTRONIC,1000W,1800VA,TIME DELAYED,1.5 FCS TURN					
547558	KLX	12/12/2016 11:01	7638	405	1	1	7001331	ON,PHOTOTRANSISTOR,MINIMUM 160 JOULE MOV ARRESTER,TWISTLOCK BASE,DUSK TO DAWN,USE IN 120V ONLY	EACH	300	3.04	912	Approved
547558	KLX-IR	12/12/2016 15:03	7642	837	1	1	7001325	LUMINAIRE,ACORN,HPS,100W,120V,TYPE V,NPF,W/9" TRADITIONAL ACRYLIC GLOBE,BLACK	EACH	5	234.67	1173.35	Approved
547558	KLX-IR	12/16/2016 11:59	7666	408	11	1	7001368	BRACKET,LIGHTING,DIRECTIONAL FIXTURE,GALVANIZED	EACH	10	31.77	317.7	Approved
								LUMINAIRE,COBRA,HPS,200W,120V,22000 LUMENS,TYPE III,AUTO-REG,GLASS,PEC/REC,W/PLUG-IN					
547558	KLX-IR	12/16/2016 11:59	7666	807	20	1	7001311	STARTER,W/STANDARD NEMA STICKER	EACH	24	99.94	2398.56	Approved
								LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V					
547558	KLX-IR	12/16/2016 11:59	7666	819	21	1	7003307	OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	4	33.74	134.96	Approved
547558	KLX-IR	12/16/2016 11:59	7666	967	22	1	1185901	BRACKET,FLOODLIGHT,DOUBLE-UP OR DOUBLE DOWN,AL,W/DOUBLE KEY HOLE SLOTS,W/GROUNDING HARDWARE	EACH	10	102.71	1027.1	Approved
								LUMINAIRE,OPEN BOTTOM,HPS,100W,120V,TYPE V,NPF,HEAD ONLY,WITH 60" CABLE,PEC/REC,55V					
547558	KLX-IR	12/29/2016 15:52	7717	819	10	1	7003307	OPERATION,W/PLUG-IN STARTER,INCLUDES PEC & LAMP	EACH	8	33.74	269.92	Approved

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 55

Responding Witness: John K. Wolfe

- Q-55. Please describe what entity or entities (whether it is in-house affiliates or third-party contractors) that provide installation, maintenance, and repair services on the lighting offerings in the LS and RLS rate classifications. Include within your response the estimated percentage of work each entity performed on the installation, maintenance, and repair services of the lighting offerings in the LS and RLS rate classifications and explain on what basis you presented that percentage (e.g., work hours, expenditures, etc.).
- A-55. Wilhod, Inc. (14.2%), Reed Utilities (23.0%), Davis H. Elliott Co. (26.5%), and Kentucky Utilities Co. (36.3%). The basis for the percentages listed is total expenditures.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 56

Responding Witness: John K. Wolfe

Q-56. Please provide copies of the Wilhod, Inc., and Reed Utilities Street Light Contracts.

A-56. See attached.

Kentucky Utilities Company
Contract # 552936

CONTRACT

This Contract is entered into, as of October 18, 2013, between Kentucky Utilities Company (hereinafter referred to as "Company") whose address is One Quality Street, Lexington, Kentucky 40505 and

Wilhod Inc.
(Hereinafter referred to as "Contractor")

ADDRESS: 304 Branwood Lane
Nicholasville, KY 40356

NOW THEREFORE, in consideration of the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

1.0 GENERAL

This Contract is entered into pursuant to the attached General Services Agreement dated _____ (the "General Services Agreement") which is hereby incorporated by reference. This Contract constitutes a "Statement of Work" for purposes of the General Services Agreement as do any written purchase orders or work orders issued under this Contract. Contractor shall perform installations of Outdoor Lighting for Company as assigned or requested by Company as more specifically described in Article 2.0 hereof (hereinafter referred to as the "Work"). Company makes no promise or guarantee as to the amount of Work, if any, to be performed under this Contract, nor does it convey an exclusive right to the Contractor to perform Work of the type or nature set forth in this Contract. Any and all Work may be suspended, increased, decreased or terminated in accordance with the General Services Agreement.

Business partners must share responsibility for the Company's commitment to create a positive experience for LG&E and KU customers through dedication to safety, respectful relationships, professional behavior, timely solutions to issues and exceptional service. At all times, business partners must align operations and business processes to meet the needs of the customer and proactively address potential issues with the company to ensure they are resolved in the customer's best interest.

2.0 SCOPE OF WORK

2.1 Except as otherwise expressly agreed herein, Contractor shall supply all labor, supervision, equipment, tools, services, consumable materials and warehousing, and shall pay all expenses, necessary or appropriate in the performance of the Work, including, testing, hauling, unloading and receiving.

2.2 The Work shall be consistent in quality, service, price, and timing and include, but not be limited to, the following:

2.2.1 Outdoor Lighting Installations – Outdoor Lighting Construction unit descriptions (Schedule I).

2.2.2 New Installations - The majority of new installations will be in finished surfaces. This will require trenching and/or plowing in finished yards and/or boring under sidewalks, driveways, and streets up to 24" and installing 1" to 2" duct. This will include rock removal, backfill, and surface restoration. In addition, the contractor will be responsible for setting all the poles, bases, cable, and fixtures required for lighting service. The contractor will read and interpret the construction drawings for all of these utilities and estimate how long it will take to complete jobs prior to starting construction and update the estimate as construction progresses.

The contractor will complete the termination work of outdoor lights in all installations. The job will not be complete until the light is burning.

In all cases, the contractor will be working on secondary voltages only.

2.2.3 Contractor must be on the job site within (48) forty-eight hours but in no way more than (2) two working days from receipt of the work request for maintenance of existing outdoor lighting installations and shall have

work completed within (5) five normally scheduled work days from receipt of the work request. In the case of an underground fault, pole or standard installation, or any other task requiring excavation, the contractor will have (5) five normally scheduled work days to complete work after the notification from BUD.”

2.2.4 The contractor is responsible to fault locate a bad secondary cable, call in BUD (Before You Dig) locates, dig up and repair failed secondary cable, backfill splice pit, and restore / cleanup splice pit.

2.2.5 The contractor will repair non-working lights. This repair may consist of but not limited to replacing a fuse, fuse holder, lamp, PEC, starter, or entire fixture. The contractor will use accepted trouble shooting methods to eliminate the most likely and least expensive cause of trouble first before moving on to the next most likely cause. The contractor will be responsible for repairing non-functioning lights caused by mechanical damage. This repair may consist of but not limited to replacing or straightening a base, pole, bracket, arm, and or fixture.

2.3 Customer Notifications and Complaint Resolution - Contractor will be the primary point of contact with owners of property on which the Work will be performed. The contractor will notify such property owners of disturbances to their property in advance of construction beginning and resolve all construction related property owner complaints.

2.4 The Company will furnish or cause to be furnished to Contractor, without cost to Contractor, the following items in connection with performance of the Work:

Duct, conduit, fittings, spacers, end seals
 Street lighting cable
 Ground and neutral conductors
 Secondary conductors
 Ground rods
 Splicing and terminating materials
 Splice boxes
 Brackets, clamps,
 Street light standards, fixtures, component parts
 Poles and hardware

3.0 SPECIFICATIONS

3.1 Cable PULLING tensions and pulling speeds shall be regulated to avoid damage to the conductor and the duct system. Polyethylene or other plastic rope and string pulling lines may be used in PVC duct systems for brushing and conductor pulling operations provided precautions are taken to avoid friction cutting of internal duct wall.

3.2 Underground direct burial conductors and direct burial duct systems and installed in open trench. Systems shall be enclosed within suitable BACKFILL materials in accordance with Drawing No. 40-02-02, Drawing No. 42-02-04, which are both hereby incorporated by reference, and the following requirements:

3.2.1 Direct burial conductors shall be installed within a backfill padding area around the conductors of 3-inches below the conductors and 12-inches above the conductors. Conductors may be laid directly on the floor of the trench, in lieu of the 3-inches base padding, if the floor of the trench is void of abrasive materials and approved by the Company construction supervisor. The backfill padding area of the trench shall be filled with regular backfill sand or excavated soil void of rock, stone, and foreign materials.

3.2.2 Direct burial duct systems shall be installed within a backfill padding area around the duct of minimum dimension below the duct and 12-inches above the duct. The backfill padding area of the trench shall be filled with regular backfill sand, granulated rock saw dust, or excavated soil void of rock, stone, or foreign materials having a diameter and dimension greater than 1/2 inch.

3.2.3 Trench backfill above the backfill padding area and duct line systems shall be regular backfill sand, granulated rock saw dust, or excavated soil void of rock, stone, and foreign materials having a diameter or dimension greater than 6 inches.

3.2.4 Open trench backfill materials in unfinished and unsurfaced new construction areas shall be rolled down using heavy equipment with excess soil back drag.

- 3.2.5 Open trench backfill materials in finished or surfaced applications, such as reconstruction areas, equestrian fields, and under existing streets and roadways, parking lots, driveways, and sidewalks shall be compacted in increments of 6" while backfilling.
- 3.2.6 Open splice pits and excavations for the placement of equipment such as splice and boxes, street light bases, direct burial street light poles, etc., shall be compacted in increments of 6" while backfilling under load bearing bases and flanges and around the perimeter of equipment to the surface.
- 3.3 TRENCHING may be accomplished by any conventional application considered most efficient by the Contractor sufficient to meet these specifications and necessary to promote the most efficient and timely completion of the project. Trenches shall allow access to the conductor without requiring rock removal, i.e., either wide trench or conductor in duct. Access excavations at dead-end caps or trench branches are included with the trench. The Company shall approve all proposed trenching for each work site.
- 3.4 Open trench excavations across FINISH SURFACES such as roadways, parking lots, driveways, sidewalks, and other paved areas shall be excavated and restored as follows:
 - 3.4.1 Concrete and asphalt surface cuts shall be of minimum dimensions as required for open excavation. Concrete and Asphalt Street, roadway, and parking lot surfaces shall be precut prior to excavation. Concrete surface cuts in driveways and sidewalks shall be made at the nearest expansion joint, cut groove, or concrete saw cut.
 - 3.4.2 Streets and roadways, within the Louisville city limits, shall be cut and restored in accordance with the City of Louisville, Kentucky Department of Public Works "Detail for Bituminous Surface Pavement Restoration", Drawing 40-02-04 which is hereby incorporated by reference. Street and roadways under the jurisdiction of other government agencies shall be cut and restored in accordance with that agency's standards.
 - 3.4.3 Parking lots, driveways, and sidewalks shall be restored to match pre-existing surface construction over sand or soil backfill and tamped.
- 3.5 ROCK REMOVAL within the trench may be accomplished by digging, hoe ramming, or sawing, as approved by the Company, in accordance with the following requirements:
 - 3.5.1 The Contractor shall report the quantity of removed rock (other than dug rock), the removal method, and provide the Company representative an opportunity to see the removed rock prior to disposal.
 - 3.5.2 The quantity of rock removed (other than dug rock) shall be the actual volume of rock removed from the open trench measured by cubic yard. Volume shall be calculated by portions of linear trench footage times average rock thickness times average trench width. All calculations shall be rounded to the one-tenth (1/10) cubic yard.
- 3.6 Existing GRADE RESTORATION and surface CLEAN UP shall conform to the following:
 - 3.6.1 In unfinished areas, such as new construction sites, clean up shall provide for a safe and aesthetic restoration of the pre-existing grade and contour, consistent with back drug backfill.
 - 3.6.2 In finished areas, such as reconstruction sites, clean up shall renew pre-existing grade and contour. Seed and straw, shall be the preferred method, and shall be provided by the contractor. Seed shall match the existing grasses or meet the requirement of the customer. Generally, rebel fescue shall be specified where existing, and customer requirements are not identified.
 - 3.6.3 Clean up shall include proper disposition of excavated material. Disposition of excavated material which can not be returned to its original point of excavation will be disposed of in accordance with the General Services Agreement.
- 3.7 BORING application shall be preferred, as directed by the Company representative, under permanent obstructions, such as roadways, parking lots, sidewalks, driveways, drains and culverts, utility lines, and trees. Conductors and duct installation applications shall conform to the conductor installation specifications contained herein.
- 3.8 Underground MARKER TAPES shall be installed in open trench or plow applications, when required, in accordance with Drawing No. 40-02-02, which is hereby incorporated by reference, and the following:

- 3.9 Marker tapes shall be installed without tension, horizontally, and directly over the centerline of the conductor or group of conductors. Interruptions in the continuous lay of marker tapes shall be overlapped by a minimum of ten feet and joined to prevent slip when backfilled or plowed.
- 3.10 Marker tapes shall be applied at 18-inches below grade for all systems installed at more than 24-inch depth. Marker tapes shall be applied at 12-inches below grade for all systems installed at less than 24-inch depth.
- 3.11 CONDUCTORS ENTERING ENCLOSURES such as, transformer pads, pull boxes, and splice boxes, shall be protected from theft, vandalism, and environmental degradation as follows:
 - 3.11.1 Coil 5-feet of secondary and street lighting conductor slack within transformer pads and 3-feet in splice box applications. Measurements are taken above the top of the pad or box, respectively.
 - 3.11.2 In reconstruction areas, where enclosures contain energized systems, appropriate conductor slack shall be turned up to grade and coiled within 18-inches of the enclosure.
 - 3.11.3 All conductor ends shall be sealed using cable end caps. Cable end caps shall be securely applied to conductors prior to installation through duct lines.
 - 3.11.4 Splice box covers shall be installed to prevent conductor theft or damage and to prevent injury to persons.
- 3.12 DIRECT BURIAL STREET LIGHTING STANDARDS shall be installed in accordance with Drawings No. 80-08-20, which is hereby incorporated by reference.
- 3.13 The Contractor shall terminate secondary conductors to transformer, streetlights, and splice boxes for tie into secondary services in accordance with Company practices and policies.
- 3.14 Work must be completed in accordance with Chapter 159: Erosion Prevention and Sediment Control (EPSC) Ordinance of the Jefferson County Code, which is hereby incorporated by reference, or any similar requirements in other counties as applicable.
- 3.15 The contractor shall notify the "Before-U-Dig" one call center prior to all excavation and shall be responsible for the repair or replacement of damaged facilities at no cost to Company.

4.0 **EXHIBITS AND DRAWINGS**

In addition to the General Services Agreement, all work shall be performed in strict accordance with the following exhibits, which are incorporated herein by reference.

4.1 **EXHIBITS AND SCHEDULES**

- Schedule I – Outdoor light Construction Unit Descriptions
- Schedule A – Labor and Equipment

5.0 FURNISHED BY CONTRACTOR

Contractor shall, as part of the Scope of Work, supply, install, properly maintain, and remove all construction facilities, utilities and consumable items necessary for full and complete performance of the Work. Such items shall include, but not necessarily be limited to, those listed below. The type of facilities, consumable items, move-in and move-out dates, and locations on jobsite shall be subject to and in accordance with the review and approval of The Company's representative.

- 5.1 All sanitary facilities, including janitorial services
- 5.2 First aid kits
- 5.3 Nextel two-way radios for the lead person on every crew and every supervisory/management person.
- 5.4 All small tools
- 5.5 All standard expendable or consumable construction items and supplies including tapes
- 5.6 Steel traffic plates, barricades, signs, cones (minimum 28"), and other traffic control devices
- 5.7 Uniforms shall be rated as flame retardant when required by OSHA or Company standards. Uniforms shall include a shirt with the contractor's name and/or logo.
- 5.8 Reinforced safety toed shoes (metallic or non-metallic) that meet the American National Safety Institute (ANSI) class C rating. All Contractor personnel shall wear these shoes at all times while on jobsites.
- 5.9 Testing equipment and locating equipment unless other wise agreed upon by both Contractor and Company.
- 5.10 "Before-U-Dig" requests
- 5.11 Confined space entry and monitoring equipment

6.0 TERM

- 6.1 This Contract shall become effective October 18, 2013 and continue through October 18, 2018 unless terminated earlier in accordance with Article 21 of the General Services Agreement.
- 6.2 Payment terms shall be net 30.

7.0 CONFLICTING TERMS

- 7.1 In case of a conflict between or within the General Services Agreement, the terms of this Contract and/or any attachment, Company shall resolve such conflict, and Company's resolution shall be binding on Contractor.

8.0 COMPENSATION

Full Compensation to Contractor for full and complete performance by Contractor of all the Work, compliance with the terms and conditions of this Contract and for Contractor's payment of all obligations incurred in, or applicable to, performance of the work shall be in accordance with the terms of this Section 8.0. Types of Compensation incorporated into this Contract are as follows:

- 8.1 Payments for work will be PAID as shown in Schedule I, attached hereto and incorporated herein by reference, inclusive of all equipment, direct wage rates, fringe benefits, labor allowances, payroll taxes, insurance, small tools, consumables, overhead, maintenance, licenses, fuels and profit incurred by Contractor in performing the Work in this Contract. Contractor will not be compensated directly for supervisory, management or administrative labor.
- 8.2 Payments for the Outdoor Lighting installations work will be paid in accordance to the fixed unit prices stated in Schedule I attached hereto and incorporated by reference. The unit prices will be adjusted annually to account for any changes in the Labor and Equipment rates.
 - 8.2.1 Any work performed outside of the units will be paid at the Labor and Equipment rates in Schedule A, inclusive of all equipment, direct wage rates, fringe benefits, labor allowances, payroll taxes, insurance, small tools,

consumables, overhead, maintenance, licenses, fuels and profit incurred by Contractor in performing the Work in this Contract. Contractor will not be compensated directly for supervisory, management or administrative labor.

- 8.3 Contractor furnished misc. materials and subcontractors will be billed at cost plus 10%. These type expenses must be approved in advance by the Company and typically result in savings to the Company.

9.0 SPECIAL INVOICING INSTRUCTIONS

Invoices shall include the Contract Number and shall be prepared in one original and one copy and distributed as follows:

Original: DISTRIBUTION
Attn: Keith Evans
Kentucky Utilities Company
500 Stone Road
Lexington, KY

10.0 CONTRACTUAL NOTICES

In accordance with Article 25.07 of the General Services Agreement, notices shall be addressed as follows:

- 10.1 Company address: Kentucky Utilities Company
820 West Broadway
P.O. Box 32020
Louisville, Kentucky 40232
Attn: David Campbell, BOC2
(502) 627-3581
David.campbell@lge-ku.com

- 10.2 Contractor's Address: Attn. Hugh Hodge
Wilhod Inc.
304 Branwood Lane
Nicholasville, KY 40356
(606) 223-8150

11.0 ENTIRE AGREEMENT

All specifications, standards, exhibits, schedules and drawings referenced in this Contract are incorporated herein by reference and made a part of this Contract. This Contract, including all specifications, exhibits, schedules, and the General Services Agreement, constitutes the entire agreement between the parties relating to the Work and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Work or this Contract.

IN WITNESS WHEREOF, the parties have entered into this Contract as of the date set forth above in the introductory paragraph of this Contract.

KENTUCKY UTILITES COMPANY

WILHOD INC.

BY: _____
Paul F. Tirey

BY: _____

TITLE: Mgr Supply Chain ED and Transmission

TITLE: _____

DATE : _____

DATE : _____

Kentucky Utilities Company
Contract # 553937

CONTRACT

This Contract is entered into, as of October 18, 2013, between Kentucky Utilities Company (hereinafter referred to as "Company") whose address is One Quality Street, Lexington, Kentucky 40505 and

Reed Utilities Company
(Hereinafter referred to as "Contractor")

ADDRESS: 4674 Ironworks Road
Georgetown, KY 40324

NOW THEREFORE, in consideration of the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

1.0 GENERAL

This Contract is entered into pursuant to the attached General Services Agreement dated _____ (the "General Services Agreement") which is hereby incorporated by reference. This Contract constitutes a "Statement of Work" for purposes of the General Services Agreement as do any written purchase orders or work orders issued under this Contract. Contractor shall perform installations of Outdoor Lighting for Company as assigned or requested by Company as more specifically described in Article 2.0 hereof (hereinafter referred to as the "Work"). Company makes no promise or guarantee as to the amount of Work, if any, to be performed under this Contract, nor does it convey an exclusive right to the Contractor to perform Work of the type or nature set forth in this Contract. Any and all Work may be suspended, increased, decreased or terminated in accordance with the General Services Agreement.

Business partners must share responsibility for the Company's commitment to create a positive experience for LG&E and KU customers through dedication to safety, respectful relationships, professional behavior, timely solutions to issues and exceptional service. At all times, business partners must align operations and business processes to meet the needs of the customer and proactively address potential issues with the company to ensure they are resolved in the customer's best interest.

2.0 SCOPE OF WORK

2.1 Except as otherwise expressly agreed herein, Contractor shall supply all labor, supervision, equipment, tools, services, consumable materials and warehousing, and shall pay all expenses, necessary or appropriate in the performance of the Work, including, testing, hauling, unloading and receiving.

2.2 The Work shall be consistent in quality, service, price, and timing and include, but not be limited to, the following:

2.2.1 Outdoor Lighting Installations – Outdoor Lighting Construction unit descriptions (Schedule I).

2.2.2 New Installations - The majority of new installations will be in finished surfaces. This will require trenching and/or plowing in finished yards and/or boring under sidewalks, driveways, and streets up to 24" and installing 1" to 2" duct. This will include rock removal, backfill, and surface restoration. In addition, the contractor will be responsible for setting all the poles, bases, cable, and fixtures required for lighting service. The contractor will read and interpret the construction drawings for all of these utilities and estimate how long it will take to complete jobs prior to starting construction and update the estimate as construction progresses.

The contractor will complete the termination work of outdoor lights in all installations. The job will not be complete until the light is burning.

In all cases, the contractor will be working on secondary voltages only.

2.2.3 Contractor must be on the job site within (48) forty-eight hours but in no way more than (2) two working days from receipt of the work request for maintenance of existing outdoor lighting installations and shall have

work completed within (5) five normally scheduled work days from receipt of the work request. In the case of an underground fault, pole or standard installation, or any other task requiring excavation, the contractor will have (5) five normally scheduled work days to complete work after the notification from BUD.”

- 2.2.4 The contractor is responsible to fault locate a bad secondary cable, call in BUD (Before You Dig) locates, dig up and repair failed secondary cable, backfill splice pit, and restore / cleanup splice pit.
- 2.2.5 The contractor will repair non-working lights. This repair may consist of but not limited to replacing a fuse, fuse holder, lamp, PEC, starter, or entire fixture. The contractor will use accepted trouble shooting methods to eliminate the most likely and least expensive cause of trouble first before moving on to the next most likely cause. The contractor will be responsible for repairing non-functioning lights caused by mechanical damage. This repair may consist of but not limited to replacing or straightening a base, pole, bracket, arm, and or fixture.
- 2.3 Customer Notifications and Complaint Resolution - Contractor will be the primary point of contact with owners of property on which the Work will be performed. The contractor will notify such property owners of disturbances to their property in advance of construction beginning and resolve all construction related property owner complaints.
- 2.4 The Company will furnish or cause to be furnished to Contractor, without cost to Contractor, the following items in connection with performance of the Work:

Duct, conduit, fittings, spacers, end seals
 Street lighting cable
 Ground and neutral conductors
 Secondary conductors
 Ground rods
 Splicing and terminating materials
 Splice boxes
 Brackets, clamps,
 Street light standards, fixtures, component parts
 Poles and hardware

3.0 SPECIFICATIONS

- 3.1 Cable PULLING tensions and pulling speeds shall be regulated to avoid damage to the conductor and the duct system. Polyethylene or other plastic rope and string pulling lines may be used in PVC duct systems for brushing and conductor pulling operations provided precautions are taken to avoid friction cutting of internal duct wall.
- 3.2 Underground direct burial conductors and direct burial duct systems and installed in open trench. Systems shall be enclosed within suitable BACKFILL materials in accordance with Drawing No. 40-02-02, Drawing No. 42-02-04, which are both hereby incorporated by reference, and the following requirements:
- 3.2.1 Direct burial conductors shall be installed within a backfill padding area around the conductors of 3-inches below the conductors and 12-inches above the conductors. Conductors may be laid directly on the floor of the trench, in lieu of the 3-inches base padding, if the floor of the trench is void of abrasive materials and approved by the Company construction supervisor. The backfill padding area of the trench shall be filled with regular backfill sand or excavated soil void of rock, stone, and foreign materials.
- 3.2.2 Direct burial duct systems shall be installed within a backfill padding area around the duct of minimum dimension below the duct and 12-inches above the duct. The backfill padding area of the trench shall be filled with regular backfill sand, granulated rock saw dust, or excavated soil void of rock, stone, or foreign materials having a diameter and dimension greater than 1/2 inch.
- 3.2.3 Trench backfill above the backfill padding area and duct line systems shall be regular backfill sand, granulated rock saw dust, or excavated soil void of rock, stone, and foreign materials having a diameter or dimension greater than 6 inches.
- 3.2.4 Open trench backfill materials in unfinished and unsurfaced new construction areas shall be rolled down using heavy equipment with excess soil back drag.

- 3.2.5 Open trench backfill materials in finished or surfaced applications, such as reconstruction areas, equestrian fields, and under existing streets and roadways, parking lots, driveways, and sidewalks shall be compacted in increments of 6" while backfilling.
- 3.2.6 Open splice pits and excavations for the placement of equipment such as splice and boxes, street light bases, direct burial street light poles, etc., shall be compacted in increments of 6" while backfilling under load bearing bases and flanges and around the perimeter of equipment to the surface.
- 3.3 TRENCHING may be accomplished by any conventional application considered most efficient by the Contractor sufficient to meet these specifications and necessary to promote the most efficient and timely completion of the project. Trenches shall allow access to the conductor without requiring rock removal, i.e., either wide trench or conductor in duct. Access excavations at dead-end caps or trench branches are included with the trench. The Company shall approve all proposed trenching for each work site.
- 3.4 Open trench excavations across FINISH SURFACES such as roadways, parking lots, driveways, sidewalks, and other paved areas shall be excavated and restored as follows:
 - 3.4.1 Concrete and asphalt surface cuts shall be of minimum dimensions as required for open excavation. Concrete and Asphalt Street, roadway, and parking lot surfaces shall be precut prior to excavation. Concrete surface cuts in driveways and sidewalks shall be made at the nearest expansion joint, cut groove, or concrete saw cut.
 - 3.4.2 Streets and roadways, within the Louisville city limits, shall be cut and restored in accordance with the City of Louisville, Kentucky Department of Public Works "Detail for Bituminous Surface Pavement Restoration", Drawing 40-02-04 which is hereby incorporated by reference. Street and roadways under the jurisdiction of other government agencies shall be cut and restored in accordance with that agency's standards.
 - 3.4.3 Parking lots, driveways, and sidewalks shall be restored to match pre-existing surface construction over sand or soil backfill and tamped.
- 3.5 ROCK REMOVAL within the trench may be accomplished by digging, hoe ramming, or sawing, as approved by the Company, in accordance with the following requirements:
 - 3.5.1 The Contractor shall report the quantity of removed rock (other than dug rock), the removal method, and provide the Company representative an opportunity to see the removed rock prior to disposal.
 - 3.5.2 The quantity of rock removed (other than dug rock) shall be the actual volume of rock removed from the open trench measured by cubic yard. Volume shall be calculated by portions of linear trench footage times average rock thickness times average trench width. All calculations shall be rounded to the one-tenth (1/10) cubic yard.
- 3.6 Existing GRADE RESTORATION and surface CLEAN UP shall conform to the following:
 - 3.6.1 In unfinished areas, such as new construction sites, clean up shall provide for a safe and aesthetic restoration of the pre-existing grade and contour, consistent with back drag backfill.
 - 3.6.2 In finished areas, such as reconstruction sites, clean up shall renew pre-existing grade and contour. Seed and straw, shall be the preferred method, and shall be provided by the contractor. Seed shall match the existing grasses or meet the requirement of the customer. Generally, rebel fescue shall be specified where existing, and customer requirements are not identified.
 - 3.6.3 Clean up shall include proper disposition of excavated material. Disposition of excavated material which can not be returned to its original point of excavation will be disposed of in accordance with the General Services Agreement.
- 3.7 BORING application shall be preferred, as directed by the Company representative, under permanent obstructions, such as roadways, parking lots, sidewalks, driveways, drains and culverts, utility lines, and trees. Conductors and duct installation applications shall conform to the conductor installation specifications contained herein.
- 3.8 Underground MARKER TAPES shall be installed in open trench or plow applications, when required, in accordance with Drawing No. 40-02-02, which is hereby incorporated by reference, and the following:

- 3.9 Marker tapes shall be installed without tension, horizontally, and directly over the centerline of the conductor or group of conductors. Interruptions in the continuous lay of marker tapes shall be overlapped by a minimum of ten feet and joined to prevent slip when backfilled or plowed.
- 3.10 Marker tapes shall be applied at 18-inches below grade for all systems installed at more than 24-inch depth. Marker tapes shall be applied at 12-inches below grade for all systems installed at less than 24-inch depth.
- 3.11 CONDUCTORS ENTERING ENCLOSURES such as, transformer pads, pull boxes, and splice boxes, shall be protected from theft, vandalism, and environmental degradation as follows:
 - 3.11.1 Coil 5-feet of secondary and street lighting conductor slack within transformer pads and 3-feet in splice box applications. Measurements are taken above the top of the pad or box, respectively.
 - 3.11.2 In reconstruction areas, where enclosures contain energized systems, appropriate conductor slack shall be turned up to grade and coiled within 18-inches of the enclosure.
 - 3.11.3 All conductor ends shall be sealed using cable end caps. Cable end caps shall be securely applied to conductors prior to installation through duct lines.
 - 3.11.4 Splice box covers shall be installed to prevent conductor theft or damage and to prevent injury to persons.
- 3.12 DIRECT BURIAL STREET LIGHTING STANDARDS shall be installed in accordance with Drawings No. 80-08-20, which is hereby incorporated by reference.
- 3.13 The Contractor shall terminate secondary conductors to transformer, streetlights, and splice boxes for tie into secondary services in accordance with Company practices and policies.
- 3.14 Work must be completed in accordance with Chapter 159: Erosion Prevention and Sediment Control (EPSC) Ordinance of the Jefferson County Code, which is hereby incorporated by reference, or any similar requirements in other counties as applicable.
- 3.15 The contractor shall notify the "Before-U-Dig" one call center prior to all excavation and shall be responsible for the repair or replacement of damaged facilities at no cost to Company.

4.0 **EXHIBITS AND DRAWINGS**

In addition to the General Services Agreement, all work shall be performed in strict accordance with the following exhibits, which are incorporated herein by reference.

4.1 **EXHIBITS AND SCHEDULES**

- Schedule I – Outdoor light Construction Unit Descriptions
- Schedule A – Labor and Equipment

5.0 FURNISHED BY CONTRACTOR

Contractor shall, as part of the Scope of Work, supply, install, properly maintain, and remove all construction facilities, utilities and consumable items necessary for full and complete performance of the Work. Such items shall include, but not necessarily be limited to, those listed below. The type of facilities, consumable items, move-in and move-out dates, and locations on jobsite shall be subject to and in accordance with the review and approval of The Company's representative.

- 5.1 All sanitary facilities, including janitorial services
- 5.2 First aid kits
- 5.3 Nextel two-way radios for the lead person on every crew and every supervisory/management person.
- 5.4 All small tools
- 5.5 All standard expendable or consumable construction items and supplies including tapes
- 5.6 Steel traffic plates, barricades, signs, cones (minimum 28"), and other traffic control devices
- 5.7 Uniforms shall be rated as flame retardant when required by OSHA or Company standards. Uniforms shall include a shirt with the contractor's name and/or logo.
- 5.8 Reinforced safety toed shoes (metallic or non-metallic) that meet the American National Safety Institute (ANSI) class C rating. All Contractor personnel shall wear these shoes at all times while on jobsites.
- 5.9 Testing equipment and locating equipment unless otherwise agreed upon by both Contractor and Company.
- 5.10 "Before-U-Dig" requests
- 5.11 Confined space entry and monitoring equipment

6.0 TERM

- 6.1 This Contract shall become effective October 18, 2013 and continue through October 18, 2018 unless terminated earlier in accordance with Article 21 of the General Services Agreement.
- 6.2 Payment terms shall be net 30.

7.0 CONFLICTING TERMS

- 7.1 In case of a conflict between or within the General Services Agreement, the terms of this Contract and/or any attachment, Company shall resolve such conflict, and Company's resolution shall be binding on Contractor.

8.0 COMPENSATION

Full Compensation to Contractor for full and complete performance by Contractor of all the Work, compliance with the terms and conditions of this Contract and for Contractor's payment of all obligations incurred in, or applicable to, performance of the work shall be in accordance with the terms of this Section 8.0. Types of Compensation incorporated into this Contract are as follows:

- 8.1 Payments for work will be PAID as shown in Schedule I, attached hereto and incorporated herein by reference, inclusive of all equipment, direct wage rates, fringe benefits, labor allowances, payroll taxes, insurance, small tools, consumables, overhead, maintenance, licenses, fuels and profit incurred by Contractor in performing the Work in this Contract. Contractor will not be compensated directly for supervisory, management or administrative labor.
- 8.2 Payments for the Outdoor Lighting installations work will be paid in accordance to the fixed unit prices stated in Schedule I attached hereto and incorporated by reference. The unit prices will be adjusted annually to account for any changes in the Labor and Equipment rates.
 - 8.2.1 Any work performed outside of the units will be paid at the Labor and Equipment rates in Schedule A, inclusive of all equipment, direct wage rates, fringe benefits, labor allowances, payroll taxes, insurance, small tools,

consumables, overhead, maintenance, licenses, fuels and profit incurred by Contractor in performing the Work in this Contract. Contractor will not be compensated directly for supervisory, management or administrative labor.

- 8.3 Contractor furnished misc. materials and subcontractors will be billed at cost plus 10%. These type expenses must be approved in advance by the Company and typically result in savings to the Company.

9.0 SPECIAL INVOICING INSTRUCTIONS

Invoices shall include the Contract Number and shall be prepared in one original and one copy and distributed as follows:

Original: DISTRIBUTION
Attn: Keith Evans
Kentucky Utilities Company
500 Stone Road
Lexington, KY

10.0 CONTRACTUAL NOTICES

In accordance with Article 25.07 of the General Services Agreement, notices shall be addressed as follows:

- 10.1 Company address: Kentucky Utilities Company
820 West Broadway
P.O. Box 32020
Louisville, Kentucky 40232
Attn: David Campbell, BOC2
(502) 627-3581
David.campbell@lge-ku.com

- 10.2 Contractor's Address: Reed Utilities Company
4674 Ironworks Road
Georgetown, KY 40324
Attn. Jeff Reed
(859) 227-5314

11.0 ENTIRE AGREEMENT

All specifications, standards, exhibits, schedules and drawings referenced in this Contract are incorporated herein by reference and made a part of this Contract. This Contract, including all specifications, exhibits, schedules, and the General Services Agreement, constitutes the entire agreement between the parties relating to the Work and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Work or this Contract.

IN WITNESS WHEREOF, the parties have entered into this Contract as of the date set forth above in the introductory paragraph of this Contract.

KENTUCKY UTILITES COMPANY

REED UTILITIES COMPANY

BY: _____
Paul F. Tirey

BY: _____

TITLE: Mgr. Supply Chain ED and Transmission

TITLE: _____

DATE : _____

DATE : _____

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 57

Responding Witness: John K. Wolfe

- Q-57. Please describe the process by which KU negotiates with prospective third-party contractors who may perform services related to street lighting. Include within your response whether KU issues a request for proposal for services and whether KU negotiates pricing within the proposals after they are received from the third-party contractor
- A-57. KU's standard manner to procure goods and services is through the competitive bidding process. For this specific scope of work, a cross functional team of Operations and Supply Chain personnel worked together to review and update, as necessary, the existing scope of work. The scopes of work for both Louisville and Lexington were consolidated in that they are similar work. A request for Quotation was submitted to five Outdoor Lighting contractors. Each contractor had the choice of submitting bids for both Louisville and Lexington or either Louisville or Lexington. Four bidders submitted proposals for the Lexington work. These proposals were reviewed for pricing, safety performance, and work processes. After negotiation of commercial and pricing terms, contracts were awarded to the two lowest contractors - Wilhod and Reed Utilities. Pricing for these contractors was within 1.5% of each other. Two awards were made to ensure the amount of work expected to take place in the area could be performed within time expectations and cost competitively.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 58

Responding Witness: John K. Wolfe

- Q-58. Using the Unit numbers and Unit Descriptions contained in the worksheet entitled "Labor" from Excel workbook named 'Att_KU_PSC_1-54_KULights.xlsx' that was filed in response to Item 54 of the Commission Staff's first request for information, please identify the number of times the following entities performed the services identified on the worksheet for KU's Kentucky jurisdictional operations during the twelve-month period spanning from September 2015 to August 2016:
- a. Wilhod, Inc.;
 - b. Reed Utilities;
 - c. Kentucky Utilities (and corporate affiliates); and
 - d. Any other entity (and please identify the entity or entities).
- A-58. KU does not track this information individually; the rates shown on the worksheet are the current contracted unit rates paid to the contractor for each specific item of labor performed.
- a. See the attachment provided in response to Question No. 59 for all invoices showing labor items performed.
 - b. See the attachment provided in response to Question No. 59 for all invoices showing labor items performed.
 - c. KU does not track this information.
 - d. For Davis H. Elliott Company, see the attachment provided in response to Question No. 59 for all invoices showing labor items performed.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 59

Responding Witness: John K. Wolfe

- Q-59. Provide all invoices, statements, or other documentation from the following entities for services related to street lighting provided to KU's Kentucky jurisdictional operations rendered during the during the twelve-month period spanning from September 2015 to August 2016.
- a. Wilhod, Inc.;
 - b. Reed Utilities; and
 - c. Any other entity.
- A-59. See attached. The information requested is confidential and proprietary and is being provided under seal pursuant to a petition for confidential protection.

The entire attachment is
Confidential and
provided separately
under seal.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 60

Responding Witness: Valerie L. Scott

- Q-60. Please refer to KU's Response to Item 27 of the Commission Staff's first request for information. Please identify what rate codes are contained within the "Street Lighting" and "Private Outdoor Lighting" rate schedules. If there are overlapping rate codes within these two rate schedules, explain how KU assigns a customer into a particular rate schedule.
- A-60. See attached amended schedule for KU's response to PSC 1-27 filed on January 20, 2017, which includes "Lighting Service" (LS) and "Restricted Lighting Service" (RLS) rate schedules. RLS is restricted to those fixtures/poles discontinued by the manufacturer and/or are in service as of January 1, 2013. Any customer requesting fixtures/poles that are still serviced by the manufacturer and are installed after that date, are placed on tariff LS.

Amended Attachment to Response to PSC-1 Question No. 27

Kentucky Utilities Company Case No. 2016-00370 Summary of Average Number of Customers For the Calendar Years 2013 through 2015 and the Base Period ending February 28, 2017				
Rate Schedule	Actual 2013	Actual 2014	Actual 2015	Actual/ Projected Base Period
Kentucky Jurisdictional:				
Residential Service - KY	422,270	424,162	422,875	426,701
Residential Time-of-Day - KY	-	-	3	15
Volunteer Fire Department - KY	49	50	51	50
General Service - KY	81,619	81,782	82,148	82,789
All Electric School - KY	628	614	604	597
Power Service - KY	5,595	5,357	5,010	4,863
Time-of-Day Secondary - KY	312	465	582	616
Time-of-Day Primary - KY	191	214	242	254
Retail Transmission Service - KY	34	31	30	30
Fluctuating Load Service - KY	1	1	1	1
Lighting Service - KY	57,654	57,693	57,678	57,986
Lighting Energy - KY	3	2	4	4
Traffic Energy Service - KY	734	749	758	767
Restricted Lighting Service - KY	8,279	7,811	7,612	7,233
Low Emission Vehicle - KY	3	6	4	-
Special Contract - KY	-	-	1	1
Duplicate Customers	(65,236)	(65,240)	(61,650)	(61,649)
Total Jurisdictional	512,136	513,697	515,953	520,258
Non-Jurisdictional:				
Residential Service - TN	4	4	4	4
Private Outdoor Lighting - TN	3	3	3	3
Residential Service - VA	24,396	24,196	23,750	23,752
General Service - VA	4,403	4,404	4,321	4,352
School Service - VA	150	148	139	143
Power Service - VA	219	210	205	204
Time-of-Day - VA	10	12	14	15
Retail Transmission Service - VA	10	9	6	5
Street Lighting - VA	96	96	71	68
Private Outdoor Lighting - VA	5,671	5,615	5,658	5,703
Municipal Water Pumping - VA	12	14	16	16
Duplicate Customers	(6,228)	(6,181)	(5,833)	(5,883)
Total Non-Jurisdictional	28,746	28,530	28,354	28,382
Total Company	540,882	542,227	544,307	548,640

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 61

Responding Witness: Valerie L. Scott

Q-61. Are any of the street lights in Fayette County listed in the response to PSC-1, Question No. 27, included within the Private Outdoor Lighting category?

A-61. See response to Question 60.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 62

Responding Witness: John P. Malloy

- Q-62. Within rate code LS 472 – Ornamental Cobra Head 5,800 Lumens, please identify how many lights in service there are that are direct buried and how many there are that are pedestal mounted for the following:
- a. Lexington-Fayette Urban County Government;
 - b. KU's Kentucky jurisdictional operations; and
 - c. KU's entire system.
- A-62. For a, b, and c, the Company does not have a business reason to maintain that data.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 63

Responding Witness: John K. Wolfe

Q-63. Please provide or describe policies and procedures related to the retirement of street lighting.

A-63. There are no written policies or procedures regards retirement of street lighting. When lights have become obsolete they are replaced with equivalent available offerings of similar lumens or they are removed at failure and/or customer request

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 64

Responding Witness: John K. Wolfe

- Q-64. Please state the reasons for the retirement of street lighting (e.g., manufacturer has discontinued supply of parts, physical damage such that replacement in lieu of repair is necessary, customer has requested termination, government regulation). Include within your response the approximate percentage of street lighting that is retired based on the reasoning identified.
- A-64. KU does not have a proactive street light retirement program. Lights are replaced primarily as they fail or are damaged beyond repair. KU also retires lights based on manufacturer discontinuation of offerings, removal of facilities due to customer requests, governmental requests to remove facilities, and regulation changes requiring the discontinuation of a type of light.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 65

Responding Witness: Valerie L. Scott / William S. Seelye

- Q-65. Please refer to the Depreciation Expense Worksheet that was provided by KU in response to Item 66 of the Commission Staff's first request for information.
- a. Please provide a detailed description of the assets that are contained in Account KU-137300- KY Str Lighting and Sign.
 - b. There were significant increases of 8.45% and 7.27% to the depreciation base for Account KU-137300- KY Str Lighting and Sign in April and May 2016. Please provide a detailed explanation for the significant increases in this account during these months.
 - c. Are the depreciation figures identified in Account KU-137300- KY Str Lighting and Sign used to calculate the street lighting (RS and RLS) rates? If so, please explain how those figures are relevant to the calculation of the street lighting.
- A-65. a. See attached for the detail recorded in Account 101.
- b. Beginning in May 2016, street lighting assets formerly in Account 137100 were transferred to Account 137300, resulting in a decrease in Account 137100 offsetting the increase in account 137300.
 - c. Yes. Test year depreciation expenses, as shown on the Depreciation Expense Worksheet, are reflected in the cost of service for street lighting (Rates LS and RLS), which was used to determine the revenue requirement for the street lighting class. The Company does not record depreciation expenses by individual lighting type.

Kentucky Utilities Company
 Distribution Street Lighting and Signal Systems E373.00
 as of December 2016

Plant Account	Year	Retirement Unit	Retirement Unit Asset Description	State	Quantity
E373.00-Street Lighting / Signal Sy	1-Jan-57 #2 Triplex		MP1957 Street Lighting and Signal Systems	KY	12,116
E373.00-Street Lighting / Signal Sy	1-Jan-58 #2 Triplex		MP1958 Street Lighting and Signal Systems	KY	97,739
E373.00-Street Lighting / Signal Sy	1-Jan-59 #2 Triplex		MP1959 Street Lighting and Signal Systems	KY	55,359
E373.00-Street Lighting / Signal Sy	1-Jan-60 #2 Triplex		MP1960 Street Lighting and Signal Systems	KY	68,297
E373.00-Street Lighting / Signal Sy	1-Jan-61 #2 Triplex		MP1961 Street Lighting and Signal Systems	KY	74,900
E373.00-Street Lighting / Signal Sy	1-Jan-62 #2 Triplex		MP1962 Street Lighting and Signal Systems	KY	103,912
E373.00-Street Lighting / Signal Sy	1-Jan-63 #2 Triplex		MP1963 Street Lighting and Signal Systems	KY	162,772
E373.00-Street Lighting / Signal Sy	1-Jan-64 #2 Triplex		MP1964 Street Lighting and Signal Systems	KY	211,991
E373.00-Street Lighting / Signal Sy	1-Jan-65 #2 Triplex		MP1965 Street Lighting and Signal Systems	KY	234,193
E373.00-Street Lighting / Signal Sy	1-Jan-66 #2 Triplex		MP1966 Street Lighting and Signal Systems	KY	186,421
E373.00-Street Lighting / Signal Sy	1-Jan-67 #2 Triplex		MP1967 Street Lighting and Signal Systems	KY	137,186
E373.00-Street Lighting / Signal Sy	1-Jan-68 #2 Triplex		MP1968 Street Lighting and Signal Systems	KY	104,091
E373.00-Street Lighting / Signal Sy	1-Jan-69 #2 Triplex		MP1969 Street Lighting and Signal Systems	KY	71,752
E373.00-Street Lighting / Signal Sy	1-Jan-70 #2 Triplex		MP1970 Street Lighting and Signal Systems	KY	73,172
E373.00-Street Lighting / Signal Sy	1-Jan-71 #2 Triplex		MP1971 Street Lighting and Signal Systems	KY	40,102
E373.00-Street Lighting / Signal Sy	1-Jan-72 #2 Triplex		MP1972 Street Lighting and Signal Systems	KY	45,947
E373.00-Street Lighting / Signal Sy	1-Jan-73 #2 Triplex		MP1973 Street Lighting and Signal Systems	KY	32,584
E373.00-Street Lighting / Signal Sy	1-Jan-74 #2 Triplex		MP1974 Street Lighting and Signal Systems	KY	59,959
E373.00-Street Lighting / Signal Sy	1-Jan-75 #2 Triplex		MP1975 Street Lighting and Signal Systems	KY	33,908
E373.00-Street Lighting / Signal Sy	1-Jan-76 #2 Triplex		MP1976 Street Lighting and Signal Systems	KY	27,150
E373.00-Street Lighting / Signal Sy	1-Jan-77 #2 Triplex		MP1977 Street Lighting and Signal Systems	KY	33,203
E373.00-Street Lighting / Signal Sy	1-Jan-78 #2 Triplex		MP1978 Street Lighting and Signal Systems	KY	17,996
E373.00-Street Lighting / Signal Sy	1-Jan-79 #2 Triplex		MP1979 Street Lighting and Signal Systems	KY	23,526
E373.00-Street Lighting / Signal Sy	1-Jan-80 #2 Triplex		MP1980 Street Lighting and Signal Systems	KY	42,691
E373.00-Street Lighting / Signal Sy	1-Jan-81 #2 Triplex		MP1981 Street Lighting and Signal Systems	KY	449,511
E373.00-Street Lighting / Signal Sy	1-Jan-82 #2 Triplex		MP1982 Street Lighting and Signal Systems	KY	31,603
E373.00-Street Lighting / Signal Sy	1-Jan-83 #2 Triplex		MP1983 Street Lighting and Signal Systems	KY	6,889
E373.00-Street Lighting / Signal Sy	1-Jan-84 #2 Triplex		MP1984 Street Lighting and Signal Systems	KY	32,807
E373.00-Street Lighting / Signal Sy	1-Jan-85 #2 Triplex		MP1985 Street Lighting and Signal Systems	KY	21,902
E373.00-Street Lighting / Signal Sy	1-Jan-86 #2 Triplex		MP1986 Street Lighting and Signal Systems	KY	47,662
E373.00-Street Lighting / Signal Sy	1-Jan-87 #2 Triplex		MP1987 Street Lighting and Signal Systems	KY	26,831
E373.00-Street Lighting / Signal Sy	1-Jan-88 #2 Triplex		MP1988 Street Lighting and Signal Systems	KY	410,812
E373.00-Street Lighting / Signal Sy	1-Jan-89 #2 Triplex		MP1989 Street Lighting and Signal Systems	KY	31,502
E373.00-Street Lighting / Signal Sy	1-Jan-90 #2 Triplex		MP1990 Street Lighting and Signal Systems	KY	79,830
E373.00-Street Lighting / Signal Sy	31-Dec-90 #2 Triplex		#2 UG TRI AL CABLE 600 V	KY	141
E373.00-Street Lighting / Signal Sy	1-Jan-91 #2 Triplex		MP1991 Street Lighting and Signal Systems	KY	19,127
E373.00-Street Lighting / Signal Sy	1-Jan-92 #2 Triplex		MP1992 Street Lighting and Signal Systems	KY	1,216
E373.00-Street Lighting / Signal Sy	1-Jan-93 #2 Triplex		MP1993 Street Lighting and Signal Systems	KY	7,340
E373.00-Street Lighting / Signal Sy	1-Jan-94 #2 Triplex		MP1994 Street Lighting and Signal Systems	KY	96,504
E373.00-Street Lighting / Signal Sy	1-Jan-95 #2 Triplex		MP1995 Street Lighting and Signal Systems	KY	37,753
E373.00-Street Lighting / Signal Sy	1-Jan-96 #2 Triplex		MP1996 Street Lighting and Signal Systems	KY	37,680
E373.00-Street Lighting / Signal Sy	1-Jan-97 #2 Triplex		MP1997 Street Lighting and Signal Systems	KY	35,027
E373.00-Street Lighting / Signal Sy	1-Jan-98 #2 Triplex		MP1998 Street Lighting and Signal Systems	KY	35,058
E373.00-Street Lighting / Signal Sy	31-Dec-98 #2 Triplex		CONDUCTOR, OH WIRE, 2, ACSR/BARE, LB	KY	208
E373.00-Street Lighting / Signal Sy	31-Dec-98 #2 Triplex		CABLE, OH, DUPLEX, 1-4 AL W	KY	64,967
E373.00-Street Lighting / Signal Sy	1-Jan-99 #2 Triplex		MP1999 Street Lighting and Signal Systems	KY	42,876
E373.00-Street Lighting / Signal Sy	1-Jan-00 #2 Triplex		MP2000 Street Lighting and Signal Systems	KY	23,181
E373.00-Street Lighting / Signal Sy	1-Jan-01 #2 Triplex		MP2001 Street Lighting and Signal Systems	KY	40,147
E373.00-Street Lighting / Signal Sy	1-Jan-02 #2 Triplex		MP2002 Street Lighting and Signal Systems	KY	9,167
E373.00-Street Lighting / Signal Sy	1-Jan-03 #2 Triplex		MP2003 Street Lighting and Signal Systems	KY	20,627
E373.00-Street Lighting / Signal Sy	1-Jan-04 #2 Triplex		MP2004 Street Lighting and Signal Systems	KY	24,553
E373.00-Street Lighting / Signal Sy	1-Aug-09 #2 Triplex		#2 BARE COPPER (00172)	KY	140
E373.00-Street Lighting / Signal Sy	1-Sep-09 #2 Triplex		#2 CONDUCTOR (00172)	KY	49,540
E373.00-Street Lighting / Signal Sy	1-Oct-09 #2 Triplex		#2 CONDUCTOR (00172)	KY	75
E373.00-Street Lighting / Signal Sy	2-Nov-09 #2 Triplex		#2 CONDUCTOR (00172)	KY	6
E373.00-Street Lighting / Signal Sy	16-Nov-09 #2 Triplex		#2 CONDUCTOR (00172)	KY	9
E373.00-Street Lighting / Signal Sy	31-Mar-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	79
E373.00-Street Lighting / Signal Sy	1-Apr-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	232
E373.00-Street Lighting / Signal Sy	30-Apr-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	57
E373.00-Street Lighting / Signal Sy	1-May-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	1,802
E373.00-Street Lighting / Signal Sy	1-Jun-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	13,287
E373.00-Street Lighting / Signal Sy	31-Jul-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	300
E373.00-Street Lighting / Signal Sy	30-Nov-10 #2 Triplex		#2 CONDUCTOR (00172)	KY	1,166
E373.00-Street Lighting / Signal Sy	31-Jan-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	40
E373.00-Street Lighting / Signal Sy	28-Feb-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	1,401
E373.00-Street Lighting / Signal Sy	31-Mar-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	85
E373.00-Street Lighting / Signal Sy	31-May-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	1,200
E373.00-Street Lighting / Signal Sy	30-Jun-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	170
E373.00-Street Lighting / Signal Sy	1-Aug-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	14,694
E373.00-Street Lighting / Signal Sy	31-Aug-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	325
E373.00-Street Lighting / Signal Sy	1-Sep-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	1,235
E373.00-Street Lighting / Signal Sy	1-Dec-11 #2 Triplex		#2 CONDUCTOR (00172)	KY	735

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-May-12 #2 Triplex		#2 CONDUCTOR (00172)	KY	4,125
E373.00-Street Lighting / Signal Sy	1-Jun-12 #2 Triplex		#2 CONDUCTOR (00172)	KY	153
E373.00-Street Lighting / Signal Sy	1-Jul-12 #2 Triplex		#2 CONDUCTOR (00172)	KY	150
E373.00-Street Lighting / Signal Sy	1-Nov-12 #2 Triplex		#2 CONDUCTOR (00172)	KY	9,106
E373.00-Street Lighting / Signal Sy	31-May-13 #2 Triplex		#2 CONDUCTOR (00172)	KY	137
E373.00-Street Lighting / Signal Sy	31-Dec-13 #2 Triplex		#2 CONDUCTOR (00172)	KY	100
E373.00-Street Lighting / Signal Sy	1-Jun-14 #2 Triplex		#2 CONDUCTOR (00172)	KY	1,010
E373.00-Street Lighting / Signal Sy	1-Jan-52 1 CONDUCTOR		MP1952 Street Lighting and Signal Systems	KY	70
E373.00-Street Lighting / Signal Sy	1-Jan-55 1 CONDUCTOR		MP1955 Street Lighting and Signal Systems	KY	58
E373.00-Street Lighting / Signal Sy	1-Jan-57 1 CONDUCTOR		MP1957 Street Lighting and Signal Systems	KY	34
E373.00-Street Lighting / Signal Sy	1-Jan-58 1 CONDUCTOR		MP1958 Street Lighting and Signal Systems	KY	78
E373.00-Street Lighting / Signal Sy	1-Jan-62 1 CONDUCTOR		MP1962 Street Lighting and Signal Systems	KY	113
E373.00-Street Lighting / Signal Sy	1-Jan-97 1 CONDUCTOR		MP1997 Street Lighting and Signal Systems	KY	26
E373.00-Street Lighting / Signal Sy	1-Jan-98 1 CONDUCTOR		MP1998 Street Lighting and Signal Systems	KY	15
E373.00-Street Lighting / Signal Sy	1-Jan-03 1 CONDUCTOR		MP2003 Street Lighting and Signal Systems	KY	115
E373.00-Street Lighting / Signal Sy	1-Sep-09 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	2
E373.00-Street Lighting / Signal Sy	1-May-10 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	64
E373.00-Street Lighting / Signal Sy	28-Feb-11 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	50
E373.00-Street Lighting / Signal Sy	1-Aug-11 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	35
E373.00-Street Lighting / Signal Sy	1-May-12 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	1,100
E373.00-Street Lighting / Signal Sy	1-Jun-12 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jul-12 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	1
E373.00-Street Lighting / Signal Sy	1-Nov-12 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	1,250
E373.00-Street Lighting / Signal Sy	1-Jun-14 1 CONDUCTOR		#1 CONDUCTOR (00173)	KY	342
E373.00-Street Lighting / Signal Sy	31-Oct-08 1/0 CABLE		#12 CABLE (08843)	KY	60
E373.00-Street Lighting / Signal Sy	1-Sep-09 1/0 CABLE		1/0 CABLE	KY	1,321
E373.00-Street Lighting / Signal Sy	30-Nov-10 1/0 CABLE		1/0 CABLE	KY	762
E373.00-Street Lighting / Signal Sy	1-Sep-11 1/0 CABLE		1/0 CABLE	KY	680
E373.00-Street Lighting / Signal Sy	31-Jul-15 1/0 CABLE		1/0 CABLE	KY	350
E373.00-Street Lighting / Signal Sy	1-Sep-09 1/0 CONDUCTOR		1/0 CONDUCTOR	KY	278
E373.00-Street Lighting / Signal Sy	1-Sep-11 1/0 CONDUCTOR		1/0 CONDUCTOR	KY	18,823
E373.00-Street Lighting / Signal Sy	1-Nov-11 1/0 CONDUCTOR		1/0 CONDUCTOR	KY	835
E373.00-Street Lighting / Signal Sy	1-Jun-14 1/0 CONDUCTOR		1/0 CONDUCTOR	KY	78
E373.00-Street Lighting / Signal Sy	1-Sep-09 101 MCM ACSR CONDUCTOR		#101 MCM ACSR BARE (00115)	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-01 12 FT FIBERGLASS STANDARD		MP2001 Street Lighting and Signal Systems	KY	77
E373.00-Street Lighting / Signal Sy	31-Jan-09 12 FT FIBERGLASS STANDARD		12 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		3
E373.00-Street Lighting / Signal Sy	1-Jun-10 12 FT FIBERGLASS STANDARD		12 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		2
E373.00-Street Lighting / Signal Sy	31-Dec-12 12 FT FIBERGLASS STANDARD		12 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		11
E373.00-Street Lighting / Signal Sy	31-Dec-14 12 FT FIBERGLASS STANDARD		12 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		7
E373.00-Street Lighting / Signal Sy	1-Jun-14 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	23
E373.00-Street Lighting / Signal Sy	1-Aug-14 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	1
E373.00-Street Lighting / Signal Sy	31-Oct-14 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-14 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	20
E373.00-Street Lighting / Signal Sy	30-Jun-15 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-15 12 FT STEEL STANDARD		12 FT STEEL STANDARD (09175)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-10 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		10
E373.00-Street Lighting / Signal Sy	30-Nov-10 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		1
E373.00-Street Lighting / Signal Sy	31-Mar-11 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		7
E373.00-Street Lighting / Signal Sy	1-May-12 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		4
E373.00-Street Lighting / Signal Sy	1-Jun-14 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		1
E373.00-Street Lighting / Signal Sy	30-Jun-15 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		1
E373.00-Street Lighting / Signal Sy	31-Jul-15 12FT ALUMINUM STANDARD W/NO FIXTUR		12 FT ALUMINUM STANDARD WITH NO FIXTURE (0 KY		1
E373.00-Street Lighting / Signal Sy	1-Sep-09 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		2
E373.00-Street Lighting / Signal Sy	1-Jun-10 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		23
E373.00-Street Lighting / Signal Sy	1-Feb-11 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		1
E373.00-Street Lighting / Signal Sy	30-Apr-11 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		2
E373.00-Street Lighting / Signal Sy	30-Jun-11 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		3
E373.00-Street Lighting / Signal Sy	1-May-12 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		49
E373.00-Street Lighting / Signal Sy	1-Jan-14 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		8
E373.00-Street Lighting / Signal Sy	31-Jul-14 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		252
E373.00-Street Lighting / Signal Sy	1-Aug-14 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		1
E373.00-Street Lighting / Signal Sy	31-Oct-14 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		46
E373.00-Street Lighting / Signal Sy	31-Dec-14 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		115
E373.00-Street Lighting / Signal Sy	30-Jun-15 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		6
E373.00-Street Lighting / Signal Sy	31-Dec-15 14 FT FIBERGLASS STANDARD		14 FT FIBERGLASS STANDARD WITH NO FIXTURE ((KY		4
E373.00-Street Lighting / Signal Sy	31-Jul-14 14FT BRONZE FIBER STANDARD		14 FT BRONZE FIBER STANDARD	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14 14FT BRONZE FIBER STANDARD		14 FT BRONZE FIBER STANDARD	KY	133
E373.00-Street Lighting / Signal Sy	30-Jun-15 14FT BRONZE FIBER STANDARD		14 FT BRONZE FIBER STANDARD	KY	12
E373.00-Street Lighting / Signal Sy	31-Jul-15 14FT BRONZE FIBER STANDARD		14 FT BRONZE FIBER STANDARD	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-15 14FT BRONZE FIBER STANDARD		14 FT BRONZE FIBER STANDARD	KY	1
E373.00-Street Lighting / Signal Sy	1-Jul-16 14FT BRONZE FIBER STANDARD		14 FT BRONZE FIBER STANDARD	KY	3

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

Plant Account	Year	Retirement Unit	Retirement Unit Asset Description	State	Quantity
E373.00-Street Lighting / Signal Sy	1-Jan-51	2/0 COPPER CONDUCTOR	MP1951 Street Lighting and Signal Systems	KY	16
E373.00-Street Lighting / Signal Sy	1-Jan-53	2/0 COPPER CONDUCTOR	MP1953 Street Lighting and Signal Systems	KY	13
E373.00-Street Lighting / Signal Sy	1-Jan-55	2/0 COPPER CONDUCTOR	MP1955 Street Lighting and Signal Systems	KY	733
E373.00-Street Lighting / Signal Sy	1-Jan-56	2/0 COPPER CONDUCTOR	MP1956 Street Lighting and Signal Systems	KY	173
E373.00-Street Lighting / Signal Sy	1-Jan-57	2/0 COPPER CONDUCTOR	MP1957 Street Lighting and Signal Systems	KY	2,141
E373.00-Street Lighting / Signal Sy	1-Jan-58	2/0 COPPER CONDUCTOR	MP1958 Street Lighting and Signal Systems	KY	2,416
E373.00-Street Lighting / Signal Sy	1-Jan-62	2/0 COPPER CONDUCTOR	MP1962 Street Lighting and Signal Systems	KY	20,379
E373.00-Street Lighting / Signal Sy	1-Jan-63	2/0 COPPER CONDUCTOR	MP1963 Street Lighting and Signal Systems	KY	30,846
E373.00-Street Lighting / Signal Sy	1-Jan-64	2/0 COPPER CONDUCTOR	MP1964 Street Lighting and Signal Systems	KY	7,014
E373.00-Street Lighting / Signal Sy	1-Jan-65	2/0 COPPER CONDUCTOR	MP1965 Street Lighting and Signal Systems	KY	16,651
E373.00-Street Lighting / Signal Sy	1-Jan-66	2/0 COPPER CONDUCTOR	MP1966 Street Lighting and Signal Systems	KY	66
E373.00-Street Lighting / Signal Sy	1-Jan-67	2/0 COPPER CONDUCTOR	MP1967 Street Lighting and Signal Systems	KY	6,760
E373.00-Street Lighting / Signal Sy	1-Jan-68	2/0 COPPER CONDUCTOR	MP1968 Street Lighting and Signal Systems	KY	873
E373.00-Street Lighting / Signal Sy	1-Jan-69	2/0 COPPER CONDUCTOR	MP1969 Street Lighting and Signal Systems	KY	358
E373.00-Street Lighting / Signal Sy	1-Jan-70	2/0 COPPER CONDUCTOR	MP1970 Street Lighting and Signal Systems	KY	1,454
E373.00-Street Lighting / Signal Sy	1-Jan-71	2/0 COPPER CONDUCTOR	MP1971 Street Lighting and Signal Systems	KY	1,189
E373.00-Street Lighting / Signal Sy	1-Jan-94	2/0 COPPER CONDUCTOR	MP1994 Street Lighting and Signal Systems	KY	10,041
E373.00-Street Lighting / Signal Sy	1-Jan-96	2/0 COPPER CONDUCTOR	MP1996 Street Lighting and Signal Systems	KY	5,512
E373.00-Street Lighting / Signal Sy	1-Jan-01	2/0 COPPER CONDUCTOR	MP2001 Street Lighting and Signal Systems	KY	14,864
E373.00-Street Lighting / Signal Sy	1-Sep-09	2/0 COPPER CONDUCTOR	#2/0 W.P. COPPER (00146)	KY	12
E373.00-Street Lighting / Signal Sy	20-Nov-09	2/0 COPPER CONDUCTOR	#2/0 W.P. COPPER (00146)	KY	12
E373.00-Street Lighting / Signal Sy	28-Feb-11	2/0 COPPER CONDUCTOR	#2/0 W.P. COPPER (00146)	KY	566
E373.00-Street Lighting / Signal Sy	1-Jun-14	2/0 COPPER CONDUCTOR	#2/0 W.P. COPPER (00146)	KY	1,240
E373.00-Street Lighting / Signal Sy	31-Dec-14	20 FT STEEL STANDARD WITH 12 FT ARM	20 FT STEEL STANDARD WITH 12 FT ARM NO FIXTU	KY	1
E373.00-Street Lighting / Signal Sy	30-Apr-11	25 ft 6 in SP KAISER ALUM STANDARD	25"6" SP KAISER ALUM STD W/12' TWIN ARM NO/F (0	KY	35
E373.00-Street Lighting / Signal Sy	31-Jul-14	25 ft 6 in SP KAISER ALUM STANDARD	25"6" SP KAISER ALUM STD W/12' TWIN ARM NO/F (0	KY	1
E373.00-Street Lighting / Signal Sy	31-Jul-15	25 ft 6 in SP KAISER ALUM STANDARD	25"6" SP KAISER ALUM STD W/12' TWIN ARM NO/F (0	KY	84
E373.00-Street Lighting / Signal Sy	1-Jun-14	25FT STEEL STAND WITH 8FT ARM	25' STEEL STANDARD WITH 8' ARM NO FIXTURE (09	KY	138
E373.00-Street Lighting / Signal Sy	31-Oct-14	25FT STEEL STAND WITH 8FT ARM	25' STEEL STANDARD WITH 8' ARM NO FIXTURE (09	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-14	25FT STEEL STAND WITH 8FT ARM	25FT STEEL STAND WITH 8FT ARM	KY	69
E373.00-Street Lighting / Signal Sy	31-Dec-14	25FT STEEL STAND WITH 8FT ARM	25' STEEL STANDARD WITH 8' ARM NO FIXTURE (09	KY	413
E373.00-Street Lighting / Signal Sy	31-Jul-15	25FT STEEL STAND WITH 8FT ARM	25FT STEEL STAND WITH 8FT ARM	KY	2
E373.00-Street Lighting / Signal Sy	1-Jun-10	26 FT ALUMINUM STANDARD W/ 8 in ARM	26 FT ALUMINUM STANDARD W/ 8" ARM (09148)	KY	15
E373.00-Street Lighting / Signal Sy	1-May-12	26 FT ALUMINUM STANDARD W/ 8 in ARM	26 FT ALUMINUM STANDARD W/ 8" ARM (09148)	KY	24
E373.00-Street Lighting / Signal Sy	1-May-14	26 FT ALUMINUM STANDARD W/ 8 in ARM	26 FT ALUMINUM STANDARD W/ 8" ARM (09148)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-01	266 MCM ACSR CONDUCTOR	MP2001 Street Lighting and Signal Systems	KY	46
E373.00-Street Lighting / Signal Sy	1-Sep-09	266 MCM ACSR CONDUCTOR	#266 MCM ACSR POLY (00126)	KY	3
E373.00-Street Lighting / Signal Sy	28-Feb-11	266 MCM ACSR CONDUCTOR	#266 MCM ACSR BARE (00116)	KY	32
E373.00-Street Lighting / Signal Sy	30-May-13	266 MCM ACSR CONDUCTOR	#266 MCM ACSR BARE (00116)	KY	60
E373.00-Street Lighting / Signal Sy	1-Jan-59	3/0 CONDUCTOR	MP1959 Street Lighting and Signal Systems	KY	103
E373.00-Street Lighting / Signal Sy	1-Jan-60	3/0 CONDUCTOR	MP1960 Street Lighting and Signal Systems	KY	5,957
E373.00-Street Lighting / Signal Sy	1-Jan-61	3/0 CONDUCTOR	MP1961 Street Lighting and Signal Systems	KY	2,710
E373.00-Street Lighting / Signal Sy	1-Jan-62	3/0 CONDUCTOR	MP1962 Street Lighting and Signal Systems	KY	3,805
E373.00-Street Lighting / Signal Sy	1-Jan-63	3/0 CONDUCTOR	MP1963 Street Lighting and Signal Systems	KY	8,051
E373.00-Street Lighting / Signal Sy	1-Jan-64	3/0 CONDUCTOR	MP1964 Street Lighting and Signal Systems	KY	18,666
E373.00-Street Lighting / Signal Sy	1-Jan-65	3/0 CONDUCTOR	MP1965 Street Lighting and Signal Systems	KY	6,730
E373.00-Street Lighting / Signal Sy	1-Jan-66	3/0 CONDUCTOR	MP1966 Street Lighting and Signal Systems	KY	2,240
E373.00-Street Lighting / Signal Sy	1-Jan-67	3/0 CONDUCTOR	MP1967 Street Lighting and Signal Systems	KY	964
E373.00-Street Lighting / Signal Sy	1-Jan-68	3/0 CONDUCTOR	MP1968 Street Lighting and Signal Systems	KY	3,714
E373.00-Street Lighting / Signal Sy	1-Jan-69	3/0 CONDUCTOR	MP1969 Street Lighting and Signal Systems	KY	357
E373.00-Street Lighting / Signal Sy	1-Jan-70	3/0 CONDUCTOR	MP1970 Street Lighting and Signal Systems	KY	200
E373.00-Street Lighting / Signal Sy	1-Jan-71	3/0 CONDUCTOR	MP1971 Street Lighting and Signal Systems	KY	1,253
E373.00-Street Lighting / Signal Sy	1-Jan-72	3/0 CONDUCTOR	MP1972 Street Lighting and Signal Systems	KY	86
E373.00-Street Lighting / Signal Sy	1-Jan-00	3/0 CONDUCTOR	MP2000 Street Lighting and Signal Systems	KY	100
E373.00-Street Lighting / Signal Sy	1-Jan-01	3/0 CONDUCTOR	MP2001 Street Lighting and Signal Systems	KY	2,980
E373.00-Street Lighting / Signal Sy	1-Sep-09	3/0 CONDUCTOR	#3/0 BARE COPPER (00176)	KY	1,121
E373.00-Street Lighting / Signal Sy	28-Feb-11	3/0 CONDUCTOR	#3/0 CONDUCTOR (00176)	KY	1,581
E373.00-Street Lighting / Signal Sy	1-Sep-11	3/0 CONDUCTOR	#3/0 CONDUCTOR (00176)	KY	900
E373.00-Street Lighting / Signal Sy	31-Dec-08	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	2
E373.00-Street Lighting / Signal Sy	1-Sep-09	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	2
E373.00-Street Lighting / Signal Sy	1-Nov-09	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	6
E373.00-Street Lighting / Signal Sy	1-Jan-10	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	1
E373.00-Street Lighting / Signal Sy	1-Apr-10	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	1
E373.00-Street Lighting / Signal Sy	1-May-10	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-10	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	2
E373.00-Street Lighting / Signal Sy	30-Sep-10	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	18
E373.00-Street Lighting / Signal Sy	31-Mar-11	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	2
E373.00-Street Lighting / Signal Sy	30-Apr-11	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	33
E373.00-Street Lighting / Signal Sy	1-Jun-11	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	3
E373.00-Street Lighting / Signal Sy	1-Aug-11	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	-
E373.00-Street Lighting / Signal Sy	1-Sep-11	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	2
E373.00-Street Lighting / Signal Sy	1-Nov-11	30 FT DAVIT ALUMINUM STANDARD WITH	30 FT DAVIT ALUMINUM STANDARD WITH NO FIXT	KY	30

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Jan-68	4 COPPER CONDUCTOR	MP1968 Street Lighting and Signal Systems	KY	87
E373.00-Street Lighting / Signal Sy	1-Jan-70	4 COPPER CONDUCTOR	MP1970 Street Lighting and Signal Systems	KY	206
E373.00-Street Lighting / Signal Sy	1-Jan-89	4 COPPER CONDUCTOR	MP1989 Street Lighting and Signal Systems	KY	20
E373.00-Street Lighting / Signal Sy	1-Jan-97	4 COPPER CONDUCTOR	MP1997 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-01	4 COPPER CONDUCTOR	MP2001 Street Lighting and Signal Systems	KY	15
E373.00-Street Lighting / Signal Sy	28-Feb-11	4 COPPER CONDUCTOR	#4 W.P. COPPER (00141)	KY	793
E373.00-Street Lighting / Signal Sy	1-Sep-11	4 COPPER CONDUCTOR	#4 W.P. COPPER (00141)	KY	200
E373.00-Street Lighting / Signal Sy	1-Nov-12	4 COPPER CONDUCTOR	#4 W.P. COPPER (00141)	KY	525
E373.00-Street Lighting / Signal Sy	31-Dec-12	4 COPPER CONDUCTOR	#4 W.P. COPPER (00141)	KY	190
E373.00-Street Lighting / Signal Sy	1-Jun-14	4 COPPER CONDUCTOR	#4 W.P. COPPER (00141)	KY	4,442
E373.00-Street Lighting / Signal Sy	1-Jan-61	4/0 CONDUCTOR	MP1961 Street Lighting and Signal Systems	KY	45
E373.00-Street Lighting / Signal Sy	1-Jan-62	4/0 CONDUCTOR	MP1962 Street Lighting and Signal Systems	KY	33
E373.00-Street Lighting / Signal Sy	1-Jan-63	4/0 CONDUCTOR	MP1963 Street Lighting and Signal Systems	KY	430
E373.00-Street Lighting / Signal Sy	1-Jan-66	4/0 CONDUCTOR	MP1966 Street Lighting and Signal Systems	KY	842
E373.00-Street Lighting / Signal Sy	1-Jan-67	4/0 CONDUCTOR	MP1967 Street Lighting and Signal Systems	KY	38
E373.00-Street Lighting / Signal Sy	1-Jan-74	4/0 CONDUCTOR	MP1974 Street Lighting and Signal Systems	KY	49
E373.00-Street Lighting / Signal Sy	1-Jan-83	4/0 CONDUCTOR	MP1983 Street Lighting and Signal Systems	KY	490
E373.00-Street Lighting / Signal Sy	1-Jan-94	4/0 CONDUCTOR	MP1994 Street Lighting and Signal Systems	KY	1,297
E373.00-Street Lighting / Signal Sy	1-Jan-96	4/0 CONDUCTOR	MP1996 Street Lighting and Signal Systems	KY	2,593
E373.00-Street Lighting / Signal Sy	1-Jan-97	4/0 CONDUCTOR	MP1997 Street Lighting and Signal Systems	KY	430
E373.00-Street Lighting / Signal Sy	1-Jan-01	4/0 CONDUCTOR	MP2001 Street Lighting and Signal Systems	KY	11,000
E373.00-Street Lighting / Signal Sy	1-Jan-02	4/0 CONDUCTOR	MP2002 Street Lighting and Signal Systems	KY	320
E373.00-Street Lighting / Signal Sy	20-Nov-09	4/0 CONDUCTOR	#4/0 W.P. COPPER (00148)	KY	5
E373.00-Street Lighting / Signal Sy	30-Mar-10	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	2,121
E373.00-Street Lighting / Signal Sy	30-Nov-10	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	1,194
E373.00-Street Lighting / Signal Sy	28-Feb-11	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	227
E373.00-Street Lighting / Signal Sy	1-Aug-11	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	19,396
E373.00-Street Lighting / Signal Sy	31-Aug-11	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	200
E373.00-Street Lighting / Signal Sy	1-Sep-11	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	199
E373.00-Street Lighting / Signal Sy	1-Dec-11	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	1,414
E373.00-Street Lighting / Signal Sy	1-Feb-12	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	449
E373.00-Street Lighting / Signal Sy	1-May-12	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	405
E373.00-Street Lighting / Signal Sy	1-Jun-12	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	3,010
E373.00-Street Lighting / Signal Sy	30-Jun-12	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	300
E373.00-Street Lighting / Signal Sy	1-Nov-12	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	100
E373.00-Street Lighting / Signal Sy	31-Dec-12	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	81
E373.00-Street Lighting / Signal Sy	1-Jun-14	4/0 CONDUCTOR	#4/0 CONDUCTOR (00148)	KY	95
E373.00-Street Lighting / Signal Sy	1-Jan-15	40 FT TOP MOUNTED BRONZE FIBER POLE	40 FT TOP MOUNTED BRONZE FIBER POLE (09162)	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-41	6 COPPER CONDUCTOR	MP1941 Street Lighting and Signal Systems	KY	43,777
E373.00-Street Lighting / Signal Sy	1-Jan-42	6 COPPER CONDUCTOR	MP1942 Street Lighting and Signal Systems	KY	6,871
E373.00-Street Lighting / Signal Sy	1-Jan-43	6 COPPER CONDUCTOR	MP1943 Street Lighting and Signal Systems	KY	322
E373.00-Street Lighting / Signal Sy	1-Jan-44	6 COPPER CONDUCTOR	MP1944 Street Lighting and Signal Systems	KY	343
E373.00-Street Lighting / Signal Sy	1-Jan-45	6 COPPER CONDUCTOR	MP1945 Street Lighting and Signal Systems	KY	976
E373.00-Street Lighting / Signal Sy	1-Jan-47	6 COPPER CONDUCTOR	MP1947 Street Lighting and Signal Systems	KY	7,600
E373.00-Street Lighting / Signal Sy	1-Jan-48	6 COPPER CONDUCTOR	MP1948 Street Lighting and Signal Systems	KY	20,122
E373.00-Street Lighting / Signal Sy	1-Jan-49	6 COPPER CONDUCTOR	MP1949 Street Lighting and Signal Systems	KY	10,707
E373.00-Street Lighting / Signal Sy	1-Jan-50	6 COPPER CONDUCTOR	MP1950 Street Lighting and Signal Systems	KY	6,089
E373.00-Street Lighting / Signal Sy	1-Jan-51	6 COPPER CONDUCTOR	MP1951 Street Lighting and Signal Systems	KY	2,509
E373.00-Street Lighting / Signal Sy	1-Jan-52	6 COPPER CONDUCTOR	MP1952 Street Lighting and Signal Systems	KY	2,175
E373.00-Street Lighting / Signal Sy	1-Jan-56	6 COPPER CONDUCTOR	MP1956 Street Lighting and Signal Systems	KY	97
E373.00-Street Lighting / Signal Sy	1-Jan-57	6 COPPER CONDUCTOR	MP1957 Street Lighting and Signal Systems	KY	142
E373.00-Street Lighting / Signal Sy	1-Jan-60	6 COPPER CONDUCTOR	MP1960 Street Lighting and Signal Systems	KY	60
E373.00-Street Lighting / Signal Sy	1-Jan-61	6 COPPER CONDUCTOR	MP1961 Street Lighting and Signal Systems	KY	461
E373.00-Street Lighting / Signal Sy	1-Jan-62	6 COPPER CONDUCTOR	MP1962 Street Lighting and Signal Systems	KY	1,613
E373.00-Street Lighting / Signal Sy	1-Jan-63	6 COPPER CONDUCTOR	MP1963 Street Lighting and Signal Systems	KY	2,307
E373.00-Street Lighting / Signal Sy	1-Jan-64	6 COPPER CONDUCTOR	MP1964 Street Lighting and Signal Systems	KY	681
E373.00-Street Lighting / Signal Sy	1-Jan-65	6 COPPER CONDUCTOR	MP1965 Street Lighting and Signal Systems	KY	301
E373.00-Street Lighting / Signal Sy	1-Jan-66	6 COPPER CONDUCTOR	MP1966 Street Lighting and Signal Systems	KY	58
E373.00-Street Lighting / Signal Sy	1-Jan-67	6 COPPER CONDUCTOR	MP1967 Street Lighting and Signal Systems	KY	214
E373.00-Street Lighting / Signal Sy	1-Jan-68	6 COPPER CONDUCTOR	MP1968 Street Lighting and Signal Systems	KY	188
E373.00-Street Lighting / Signal Sy	1-Jan-69	6 COPPER CONDUCTOR	MP1969 Street Lighting and Signal Systems	KY	29
E373.00-Street Lighting / Signal Sy	1-Jan-70	6 COPPER CONDUCTOR	MP1970 Street Lighting and Signal Systems	KY	69
E373.00-Street Lighting / Signal Sy	1-Jan-71	6 COPPER CONDUCTOR	MP1971 Street Lighting and Signal Systems	KY	13
E373.00-Street Lighting / Signal Sy	1-Jan-90	6 COPPER CONDUCTOR	MP1990 Street Lighting and Signal Systems	KY	52
E373.00-Street Lighting / Signal Sy	1-Jan-94	6 COPPER CONDUCTOR	MP1994 Street Lighting and Signal Systems	KY	6
E373.00-Street Lighting / Signal Sy	1-Jan-95	6 COPPER CONDUCTOR	MP1995 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-02	6 COPPER CONDUCTOR	MP2002 Street Lighting and Signal Systems	KY	2,704
E373.00-Street Lighting / Signal Sy	1-Aug-11	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	3,723
E373.00-Street Lighting / Signal Sy	1-Sep-11	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	1,170
E373.00-Street Lighting / Signal Sy	1-Dec-11	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	2,223
E373.00-Street Lighting / Signal Sy	1-May-12	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	549
E373.00-Street Lighting / Signal Sy	1-Jul-12	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	15

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Nov-12	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	33,928
E373.00-Street Lighting / Signal Sy	1-Jun-14	6 COPPER CONDUCTOR	#6 BARE COPPER (00168)	KY	1,003
E373.00-Street Lighting / Signal Sy	1-Jan-50	6A COPPER CONDUCTOR	MP1950 Street Lighting and Signal Systems	KY	94
E373.00-Street Lighting / Signal Sy	1-Jan-51	6A COPPER CONDUCTOR	MP1951 Street Lighting and Signal Systems	KY	392
E373.00-Street Lighting / Signal Sy	1-Jan-52	6A COPPER CONDUCTOR	MP1952 Street Lighting and Signal Systems	KY	60
E373.00-Street Lighting / Signal Sy	1-Jan-53	6A COPPER CONDUCTOR	MP1953 Street Lighting and Signal Systems	KY	58
E373.00-Street Lighting / Signal Sy	1-Jan-57	6A COPPER CONDUCTOR	MP1957 Street Lighting and Signal Systems	KY	19
E373.00-Street Lighting / Signal Sy	1-Jan-66	6A COPPER CONDUCTOR	MP1966 Street Lighting and Signal Systems	KY	40
E373.00-Street Lighting / Signal Sy	1-Sep-09	6A COPPER CONDUCTOR	#6A COPPERWELD COPPER (00192)	KY	1,846
E373.00-Street Lighting / Signal Sy	30-Jun-11	6A COPPER CONDUCTOR	#6A COPPERWELD COPPER (00192)	KY	16
E373.00-Street Lighting / Signal Sy	1-Jan-41	8 COPPER CONDUCTOR	MP1941 Street Lighting and Signal Systems	KY	48,544
E373.00-Street Lighting / Signal Sy	1-Jan-42	8 COPPER CONDUCTOR	MP1942 Street Lighting and Signal Systems	KY	493
E373.00-Street Lighting / Signal Sy	1-Jan-43	8 COPPER CONDUCTOR	MP1943 Street Lighting and Signal Systems	KY	68
E373.00-Street Lighting / Signal Sy	1-Jan-44	8 COPPER CONDUCTOR	MP1944 Street Lighting and Signal Systems	KY	126
E373.00-Street Lighting / Signal Sy	1-Jan-45	8 COPPER CONDUCTOR	MP1945 Street Lighting and Signal Systems	KY	449
E373.00-Street Lighting / Signal Sy	1-Jan-46	8 COPPER CONDUCTOR	MP1946 Street Lighting and Signal Systems	KY	699
E373.00-Street Lighting / Signal Sy	1-Jan-47	8 COPPER CONDUCTOR	MP1947 Street Lighting and Signal Systems	KY	1,638
E373.00-Street Lighting / Signal Sy	1-Jan-48	8 COPPER CONDUCTOR	MP1948 Street Lighting and Signal Systems	KY	2,641
E373.00-Street Lighting / Signal Sy	1-Jan-49	8 COPPER CONDUCTOR	MP1949 Street Lighting and Signal Systems	KY	1,397
E373.00-Street Lighting / Signal Sy	1-Jan-50	8 COPPER CONDUCTOR	MP1950 Street Lighting and Signal Systems	KY	2,147
E373.00-Street Lighting / Signal Sy	1-Jan-51	8 COPPER CONDUCTOR	MP1951 Street Lighting and Signal Systems	KY	1,794
E373.00-Street Lighting / Signal Sy	1-Jan-52	8 COPPER CONDUCTOR	MP1952 Street Lighting and Signal Systems	KY	1,869
E373.00-Street Lighting / Signal Sy	1-Jan-53	8 COPPER CONDUCTOR	MP1953 Street Lighting and Signal Systems	KY	1,015
E373.00-Street Lighting / Signal Sy	1-Jan-54	8 COPPER CONDUCTOR	MP1954 Street Lighting and Signal Systems	KY	1,274
E373.00-Street Lighting / Signal Sy	1-Jan-55	8 COPPER CONDUCTOR	MP1955 Street Lighting and Signal Systems	KY	1,168
E373.00-Street Lighting / Signal Sy	1-Jan-56	8 COPPER CONDUCTOR	MP1956 Street Lighting and Signal Systems	KY	538
E373.00-Street Lighting / Signal Sy	1-Jan-57	8 COPPER CONDUCTOR	MP1957 Street Lighting and Signal Systems	KY	1,309
E373.00-Street Lighting / Signal Sy	1-Jan-58	8 COPPER CONDUCTOR	MP1958 Street Lighting and Signal Systems	KY	614
E373.00-Street Lighting / Signal Sy	1-Jan-59	8 COPPER CONDUCTOR	MP1959 Street Lighting and Signal Systems	KY	602
E373.00-Street Lighting / Signal Sy	1-Jan-60	8 COPPER CONDUCTOR	MP1960 Street Lighting and Signal Systems	KY	430
E373.00-Street Lighting / Signal Sy	1-Jan-61	8 COPPER CONDUCTOR	MP1961 Street Lighting and Signal Systems	KY	971
E373.00-Street Lighting / Signal Sy	1-Jan-62	8 COPPER CONDUCTOR	MP1962 Street Lighting and Signal Systems	KY	411
E373.00-Street Lighting / Signal Sy	1-Jan-63	8 COPPER CONDUCTOR	MP1963 Street Lighting and Signal Systems	KY	526
E373.00-Street Lighting / Signal Sy	1-Jan-64	8 COPPER CONDUCTOR	MP1964 Street Lighting and Signal Systems	KY	137
E373.00-Street Lighting / Signal Sy	1-Jan-93	AIRPORT WARNING LIGHTS	MP1993 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-94	AIRPORT WARNING LIGHTS	MP1994 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Sep-09	ARRESTERS - DISTRIBUTION	DISTRIBUTION ARRESTERS (00504)	KY	6
E373.00-Street Lighting / Signal Sy	30-Nov-10	ARRESTERS - DISTRIBUTION	DISTRIBUTION ARRESTERS (00504)	KY	1
E373.00-Street Lighting / Signal Sy	1-Sep-09	CONDUIT	CONDUIT (00232)	KY	490
E373.00-Street Lighting / Signal Sy	1-Jun-10	FIBERGLASS YARD LIGHTING STANDARD	FIBERGLASS YARD LIGHTING STANDARD(CUT FRO	KY	26
E373.00-Street Lighting / Signal Sy	31-Mar-99	FISHER PIERCE CURRENT CONTROL	GROUND,DRIVEN,FOR CHECKOUT AND RETURN	KY	11
E373.00-Street Lighting / Signal Sy	1-Jan-85	HIGH PRESSURE SODIUM FIXTURE	MP1985 Street Lighting and Signal Systems	KY	12
E373.00-Street Lighting / Signal Sy	1-Jan-86	HIGH PRESSURE SODIUM FIXTURE	MP1986 Street Lighting and Signal Systems	KY	82
E373.00-Street Lighting / Signal Sy	1-Jan-87	HIGH PRESSURE SODIUM FIXTURE	MP1987 Street Lighting and Signal Systems	KY	223
E373.00-Street Lighting / Signal Sy	31-Dec-87	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-88	HIGH PRESSURE SODIUM FIXTURE	MP1988 Street Lighting and Signal Systems	KY	449
E373.00-Street Lighting / Signal Sy	31-Dec-88	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 4000L	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-88	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-88	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	13
E373.00-Street Lighting / Signal Sy	1-Jan-89	HIGH PRESSURE SODIUM FIXTURE	MP1989 Street Lighting and Signal Systems	KY	364
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 4000L	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	6
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	79
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	67
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	216
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	254
E373.00-Street Lighting / Signal Sy	31-Dec-89	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	505
E373.00-Street Lighting / Signal Sy	1-Jan-90	HIGH PRESSURE SODIUM FIXTURE	MP1990 Street Lighting and Signal Systems	KY	794
E373.00-Street Lighting / Signal Sy	31-Dec-90	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	25
E373.00-Street Lighting / Signal Sy	31-Dec-90	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	27
E373.00-Street Lighting / Signal Sy	31-Dec-90	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	181
E373.00-Street Lighting / Signal Sy	31-Dec-90	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	272
E373.00-Street Lighting / Signal Sy	31-Dec-90	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	584
E373.00-Street Lighting / Signal Sy	1-Jan-91	HIGH PRESSURE SODIUM FIXTURE	MP1991 Street Lighting and Signal Systems	KY	1,210
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 5800L	KY	20
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	7
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	18
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	17
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	73
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	314
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	382

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	31-Dec-91	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	466
E373.00-Street Lighting / Signal Sy	1-Jan-92	HIGH PRESSURE SODIUM FIXTURE	MP1992 Street Lighting and Signal Systems	KY	514
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 4000L	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	6
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 5800L	KY	44
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 4000L	KY	46
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	14
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	68
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	29
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	330
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	369
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	602
E373.00-Street Lighting / Signal Sy	31-Dec-92	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	2,126
E373.00-Street Lighting / Signal Sy	1-Jan-93	HIGH PRESSURE SODIUM FIXTURE	MP1993 Street Lighting and Signal Systems	KY	685
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 4000L	KY	6
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 5800L	KY	7
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	18
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 5800L	KY	34
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	41
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 9500L	KY	35
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	133
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	46
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	54
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	185
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	434
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	716
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	614
E373.00-Street Lighting / Signal Sy	31-Dec-93	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	2,650
E373.00-Street Lighting / Signal Sy	1-Jan-94	HIGH PRESSURE SODIUM FIXTURE	MP1994 Street Lighting and Signal Systems	KY	2,128
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 5800L	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 4000L	KY	26
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 5800L	KY	23
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 4000L	KY	17
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	39
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 9500L	KY	33
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	15
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	90
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	40
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	52
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	149
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	96
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	444
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	750
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	685
E373.00-Street Lighting / Signal Sy	31-Dec-94	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	2,718
E373.00-Street Lighting / Signal Sy	1-Jan-95	HIGH PRESSURE SODIUM FIXTURE	MP1995 Street Lighting and Signal Systems	KY	1,465
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 5800L	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 5800L	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 4000L	KY	18
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 5800L	KY	33
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	61
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 4000L	KY	67
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	20
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 9500L	KY	75
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	131
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	69
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	174
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	68
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	419
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	708
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	633
E373.00-Street Lighting / Signal Sy	31-Dec-95	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	3,016
E373.00-Street Lighting / Signal Sy	1-Jan-96	HIGH PRESSURE SODIUM FIXTURE	MP1996 Street Lighting and Signal Systems	KY	2,686
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 4000L	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 5800L	KY	14
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 5800L	KY	5

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

Plant Account	Year	Retirement Unit	Retirement Unit Asset Description	State	Quantity
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	21
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 5800L	KY	17
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 5800L	KY	10
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	48
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	18
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 22000L	KY	18
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 9500L	KY	37
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	22
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	128
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	116
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	122
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	403
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	720
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	685
E373.00-Street Lighting / Signal Sy	31-Dec-96	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	3,120
E373.00-Street Lighting / Signal Sy	1-Jan-97	HIGH PRESSURE SODIUM FIXTURE	MP1997 Street Lighting and Signal Systems	KY	1,756
E373.00-Street Lighting / Signal Sy	28-Feb-97	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	93
E373.00-Street Lighting / Signal Sy	30-Sep-97	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	71
E373.00-Street Lighting / Signal Sy	30-Sep-97	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	70
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COLONIAL,4000L,50W,III,12	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COLONIAL,5800L,70W,III,12	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,OPEN COMPLT,5800L,70W, KY	KY	10
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,5800L,70W,II,120V	KY	13
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,4000L,50W,II,120V	KY	14
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,CONTEMP,9500L,100W,III,1	KY	16
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,CONTEMP,22000L,200W,III, KY	KY	27
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,MH,ACORN,175W,120V,TYPE V	KY	24
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COLONIAL,9500L,100W,III,1	KY	91
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,22000L,200W,II,120V	KY	151
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,50000L,400W,II,120V	KY	127
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,DIR.,22000L,200W,120/240/2	KY	433
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,DIR.,50000L,400W,120/240/2	KY	593
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,DIR.,9500L,100W,120/240/27	KY	766
E373.00-Street Lighting / Signal Sy	31-Dec-97	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,OPEN COMPLT,9500L,100W	KY	3,119
E373.00-Street Lighting / Signal Sy	1-Jan-98	HIGH PRESSURE SODIUM FIXTURE	MP1998 Street Lighting and Signal Systems	KY	1,270
E373.00-Street Lighting / Signal Sy	30-Sep-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,ACORN,4000L,50W,V,120V	KY	17
E373.00-Street Lighting / Signal Sy	30-Sep-98	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	447
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,MH,ACORN,175W,120V,TYPE V	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,OPEN COMPLT,5800L,70W, KY	KY	8
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,5800L,70W,II,120V	KY	17
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COLONIAL,4000L,50W,III,12	KY	10
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COLONIAL,5800L,70W,III,12	KY	15
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,CONTEMP,22000L,200W,III, KY	KY	14
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,CONTEMP,9500L,100W,III,1	KY	28
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,CONTEMP,5800L,70W,III,12	KY	31
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,MH,CONTP,400W,120V,FORWAF	KY	65
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COLONIAL,9500L,100W,III,1	KY	78
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,ACORN,9500L,100W,III,120V	KY	168
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,50000L,400W,II,120V	KY	126
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,22000L,200W,II,120V	KY	188
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,ACORN,9500L,100W,V,120V	KY	77
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,DIR.,50000L,400W,120/240/2	KY	569
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,DIR.,9500L,100W,120/240/27	KY	779
E373.00-Street Lighting / Signal Sy	31-Dec-98	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,OPEN COMPLT,9500L,100W	KY	3,192
E373.00-Street Lighting / Signal Sy	1-Jan-99	HIGH PRESSURE SODIUM FIXTURE	MP1999 Street Lighting and Signal Systems	KY	3,816
E373.00-Street Lighting / Signal Sy	31-Mar-99	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,CONTEMP,9500L,100W,III,1	KY	11
E373.00-Street Lighting / Signal Sy	31-May-99	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,22000L,200W,II,120V	KY	11
E373.00-Street Lighting / Signal Sy	30-Jun-99	HIGH PRESSURE SODIUM FIXTURE	FIXTURE,LIGHTING,HPS,COBRA,4000L,50W,II,120V	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-00	HIGH PRESSURE SODIUM FIXTURE	MP2000 Street Lighting and Signal Systems	KY	5,686
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 5800L	KY	1
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 5800L	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 5800L	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 9500L	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	23
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	39
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 4000L	KY	17
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 9500L	KY	19
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	8
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	128
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	13
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	101
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	148

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

Plant Account	Year	Retirement Unit	Retirement Unit Asset Description	State	Quantity
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	196
E373.00-Street Lighting / Signal Sy	31-Jan-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	669
E373.00-Street Lighting / Signal Sy	31-Dec-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-00	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-01	HIGH PRESSURE SODIUM FIXTURE	MP2001 Street Lighting and Signal Systems	KY	6,008
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	1
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L	KY	4
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 9500L	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS CLO/DEC 9500L	KY	5
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 50000LUM	KY	7
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	7
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE ACORN 9500L	KY	3
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	22
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	48
E373.00-Street Lighting / Signal Sy	31-Jan-01	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	16
E373.00-Street Lighting / Signal Sy	31-Jul-01	HIGH PRESSURE SODIUM FIXTURE	HPS CON/DEC 50000L	KY	1
E373.00-Street Lighting / Signal Sy	31-Jul-01	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 5800L	KY	54
E373.00-Street Lighting / Signal Sy	31-Jul-01	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	12
E373.00-Street Lighting / Signal Sy	31-Jul-01	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 22000L	KY	22
E373.00-Street Lighting / Signal Sy	31-Jul-01	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	167
E373.00-Street Lighting / Signal Sy	1-Jan-02	HIGH PRESSURE SODIUM FIXTURE	MP2002 Street Lighting and Signal Systems	KY	12,396
E373.00-Street Lighting / Signal Sy	1-Jan-03	HIGH PRESSURE SODIUM FIXTURE	MP2003 Street Lighting and Signal Systems	KY	12,497
E373.00-Street Lighting / Signal Sy	31-Mar-03	HIGH PRESSURE SODIUM FIXTURE	HPS FIXTURE CUSTOMER 9500L	KY	3
E373.00-Street Lighting / Signal Sy	31-Mar-03	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 50000LUMEN	KY	2
E373.00-Street Lighting / Signal Sy	31-Mar-03	HIGH PRESSURE SODIUM FIXTURE	HPS DIRECT 9500L	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-04	HIGH PRESSURE SODIUM FIXTURE	MP2004 Street Lighting and Signal Systems	KY	5,433
E373.00-Street Lighting / Signal Sy	1-Jan-05	HIGH PRESSURE SODIUM FIXTURE	MP2005 Street Lighting and Signal Systems	KY	21
E373.00-Street Lighting / Signal Sy	31-Mar-05	HIGH PRESSURE SODIUM FIXTURE	133275101-Installations on Customers' Premises-6099504	KY	1
E373.00-Street Lighting / Signal Sy	30-Sep-05	HIGH PRESSURE SODIUM FIXTURE	342635101-Installations on Customers' Premises-7201150	KY	1
E373.00-Street Lighting / Signal Sy	30-Sep-05	HIGH PRESSURE SODIUM FIXTURE	327760101-Installations on Customers' Premises-7201135	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-06	HIGH PRESSURE SODIUM FIXTURE	MP2006 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	31-Jan-06	HIGH PRESSURE SODIUM FIXTURE	428297101-Installations on Customers' Premises-8200083	KY	1
E373.00-Street Lighting / Signal Sy	30-Jun-06	HIGH PRESSURE SODIUM FIXTURE	435086101-Installations on Customers' Premises-9335862	KY	8
E373.00-Street Lighting / Signal Sy	1-Jan-07	HIGH PRESSURE SODIUM FIXTURE	MP2007 Street Lighting and Signal Systems	KY	148
E373.00-Street Lighting / Signal Sy	31-May-07	HIGH PRESSURE SODIUM FIXTURE	851131101-Installations on Customers' Premises-11912255	KY	1
E373.00-Street Lighting / Signal Sy	31-May-07	HIGH PRESSURE SODIUM FIXTURE	857554101-Installations on Customers' Premises-11756574	KY	1
E373.00-Street Lighting / Signal Sy	31-Oct-07	HIGH PRESSURE SODIUM FIXTURE	1090087101-Installations on Customers' Premises-13027214	KY	2
E373.00-Street Lighting / Signal Sy	1-Nov-07	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-07	HIGH PRESSURE SODIUM FIXTURE	1136189101-Installations on Customers' Premises-13789948	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-07	HIGH PRESSURE SODIUM FIXTURE	1136189101-Installations on Customers' Premises-13693943	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-08	HIGH PRESSURE SODIUM FIXTURE	MP2008 Street Lighting and Signal Systems	KY	94
E373.00-Street Lighting / Signal Sy	31-Jan-08	HIGH PRESSURE SODIUM FIXTURE	835607101-Installations on Customers' Premises-12647457	KY	1
E373.00-Street Lighting / Signal Sy	1-Aug-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	31-Aug-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	3
E373.00-Street Lighting / Signal Sy	30-Sep-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	7
E373.00-Street Lighting / Signal Sy	31-Oct-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	7
E373.00-Street Lighting / Signal Sy	30-Nov-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	7
E373.00-Street Lighting / Signal Sy	1-Dec-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-08	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	5
E373.00-Street Lighting / Signal Sy	31-Jan-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	3
E373.00-Street Lighting / Signal Sy	27-Jul-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	6
E373.00-Street Lighting / Signal Sy	28-Jul-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	4
E373.00-Street Lighting / Signal Sy	30-Jul-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	2
E373.00-Street Lighting / Signal Sy	1-Aug-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	23
E373.00-Street Lighting / Signal Sy	4-Aug-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	2
E373.00-Street Lighting / Signal Sy	10-Aug-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	20
E373.00-Street Lighting / Signal Sy	12-Aug-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	15
E373.00-Street Lighting / Signal Sy	1-Sep-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	6,170
E373.00-Street Lighting / Signal Sy	1-Oct-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	223
E373.00-Street Lighting / Signal Sy	13-Oct-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	16-Oct-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	36
E373.00-Street Lighting / Signal Sy	20-Oct-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	28-Oct-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	31-Oct-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	15
E373.00-Street Lighting / Signal Sy	1-Nov-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	6
E373.00-Street Lighting / Signal Sy	2-Nov-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	27
E373.00-Street Lighting / Signal Sy	5-Nov-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	6
E373.00-Street Lighting / Signal Sy	9-Nov-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	861
E373.00-Street Lighting / Signal Sy	10-Nov-09	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	390

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Apr-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	34
E373.00-Street Lighting / Signal Sy	30-Apr-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	103
E373.00-Street Lighting / Signal Sy	30-May-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	29
E373.00-Street Lighting / Signal Sy	1-Jun-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	120
E373.00-Street Lighting / Signal Sy	1-Jul-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	338
E373.00-Street Lighting / Signal Sy	31-Jul-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	2
E373.00-Street Lighting / Signal Sy	31-Aug-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	11
E373.00-Street Lighting / Signal Sy	1-Dec-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	13
E373.00-Street Lighting / Signal Sy	31-Dec-13	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	2,087
E373.00-Street Lighting / Signal Sy	28-Feb-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	8
E373.00-Street Lighting / Signal Sy	31-Mar-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	1-Apr-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	84
E373.00-Street Lighting / Signal Sy	30-Apr-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	5
E373.00-Street Lighting / Signal Sy	1-May-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	130
E373.00-Street Lighting / Signal Sy	1-Jun-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	445
E373.00-Street Lighting / Signal Sy	1-Jul-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	27,122
E373.00-Street Lighting / Signal Sy	1-Aug-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	3
E373.00-Street Lighting / Signal Sy	31-Aug-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	1
E373.00-Street Lighting / Signal Sy	30-Sep-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	19
E373.00-Street Lighting / Signal Sy	31-Oct-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	6,716
E373.00-Street Lighting / Signal Sy	30-Nov-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	20
E373.00-Street Lighting / Signal Sy	31-Dec-14	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	13,687
E373.00-Street Lighting / Signal Sy	1-Jan-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	252
E373.00-Street Lighting / Signal Sy	1-Mar-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	159
E373.00-Street Lighting / Signal Sy	31-Mar-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	10
E373.00-Street Lighting / Signal Sy	30-Apr-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	10
E373.00-Street Lighting / Signal Sy	31-May-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	6
E373.00-Street Lighting / Signal Sy	30-Jun-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	4
E373.00-Street Lighting / Signal Sy	20-Oct-15	HIGH PRESSURE SODIUM FIXTURE	HPS FIX 22000L (00935)	KY	34
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 1000w Contemporary (ShoeBox)	HPS - 1000w Contemporary (ShoeBox)	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Acorn	HPS - 100w Acorn	KY	77
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 100w Acorn	HPS - 100w Acorn	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 100w Acorn	HPS - 100w Acorn	KY	6
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 100w Acorn	HPS - 100w Acorn	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100w Acorn	HPS - 100w Acorn	KY	5
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100w Acorn	HPS - 100w Acorn	KY	8
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 100w Acorn	HPS - 100w Acorn	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Coach	HPS - 100w Coach	KY	3
E373.00-Street Lighting / Signal Sy	30-Apr-13	HPS - 100w Cobra	HPS - 100w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 100w Cobra	HPS - 100w Cobra	KY	92
E373.00-Street Lighting / Signal Sy	30-Sep-14	HPS - 100w Cobra	HPS - 100w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	31-Oct-14	HPS - 100w Cobra	HPS - 100w Cobra	KY	9
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 100w Cobra	HPS - 100w Cobra	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Cobra	HPS - 100w Cobra	KY	256
E373.00-Street Lighting / Signal Sy	31-Jan-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	3
E373.00-Street Lighting / Signal Sy	28-Feb-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	31-Mar-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	12
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	84
E373.00-Street Lighting / Signal Sy	31-Aug-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	89
E373.00-Street Lighting / Signal Sy	31-Oct-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	8
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100w Cobra	HPS - 100w Cobra	KY	135
E373.00-Street Lighting / Signal Sy	29-Feb-16	HPS - 100w Cobra	HPS - 100w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	30-Jun-16	HPS - 100w Cobra	HPS - 100w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100w Cobra	HPS - 100w Cobra	KY	98
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 100w Cobra	HPS - 100w Cobra	KY	87
E373.00-Street Lighting / Signal Sy	30-Apr-14	HPS - 100w Colonial	HPS - 100w Colonial	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Colonial	HPS - 100w Colonial	KY	145
E373.00-Street Lighting / Signal Sy	28-Feb-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	5
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	6
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	13
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	3
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	4
E373.00-Street Lighting / Signal Sy	1-Nov-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100w Colonial	HPS - 100w Colonial	KY	9
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100w Colonial	HPS - 100w Colonial	KY	47
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 100w Contemporary	HPS - 100w Contemporary	KY	2
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 100w Contemporary	HPS - 100w Contemporary	KY	2

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 100w Contemporary (ShoeBox)	HPS - 100w Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Contemporary (ShoeBox)	HPS - 100w Contemporary (ShoeBox)	KY	28
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 100w Contemporary (ShoeBox)	HPS - 100w Contemporary (ShoeBox)	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100w Contemporary (ShoeBox)	HPS - 100w Contemporary (ShoeBox)	KY	3
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100w Contemporary (ShoeBox)	HPS - 100w Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100W Fixture	HPS - 100W Fixture	KY	5,272
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100W Fixture	HPS - 100W Fixture	KY	336
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100W Fixture	HPS - 100W Fixture	KY	292
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 100W Fixture	HPS - 100W Fixture	KY	348
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 100w Flood	HPS - 100w Flood	KY	187
E373.00-Street Lighting / Signal Sy	31-Aug-14	HPS - 100w Flood	HPS - 100w Flood	KY	2
E373.00-Street Lighting / Signal Sy	30-Sep-14	HPS - 100w Flood	HPS - 100w Flood	KY	9
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 100w Flood	HPS - 100w Flood	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Flood	HPS - 100w Flood	KY	330
E373.00-Street Lighting / Signal Sy	31-Jan-15	HPS - 100w Flood	HPS - 100w Flood	KY	2
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 100w Flood	HPS - 100w Flood	KY	12
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 100w Flood	HPS - 100w Flood	KY	14
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 100w Flood	HPS - 100w Flood	KY	5
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 100w Flood	HPS - 100w Flood	KY	29
E373.00-Street Lighting / Signal Sy	1-Nov-15	HPS - 100w Flood	HPS - 100w Flood	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-15	HPS - 100w Flood	HPS - 100w Flood	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100w Flood	HPS - 100w Flood	KY	6
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100w Flood	HPS - 100w Flood	KY	48
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 100w Flood	HPS - 100w Flood	KY	19
E373.00-Street Lighting / Signal Sy	30-Apr-13	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	2
E373.00-Street Lighting / Signal Sy	31-Mar-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	5
E373.00-Street Lighting / Signal Sy	31-Aug-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	1
E373.00-Street Lighting / Signal Sy	30-Sep-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	1
E373.00-Street Lighting / Signal Sy	31-Oct-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	8
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	1,587
E373.00-Street Lighting / Signal Sy	31-Jan-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	12
E373.00-Street Lighting / Signal Sy	31-Mar-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	7
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	34
E373.00-Street Lighting / Signal Sy	31-May-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	1
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	18
E373.00-Street Lighting / Signal Sy	25-Jul-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	1
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	20
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	249
E373.00-Street Lighting / Signal Sy	31-Oct-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	32
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	16
E373.00-Street Lighting / Signal Sy	29-Feb-16	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	7
E373.00-Street Lighting / Signal Sy	30-Apr-16	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	5
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	388
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 100w Open Bottom	HPS - 100w Open Bottom	KY	206
E373.00-Street Lighting / Signal Sy	30-Apr-13	HPS - 200w Cobra	HPS - 200w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	30-May-13	HPS - 200w Cobra	HPS - 200w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-13	HPS - 200w Cobra	HPS - 200w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 200w Cobra	HPS - 200w Cobra	KY	212
E373.00-Street Lighting / Signal Sy	30-Sep-14	HPS - 200w Cobra	HPS - 200w Cobra	KY	2
E373.00-Street Lighting / Signal Sy	31-Oct-14	HPS - 200w Cobra	HPS - 200w Cobra	KY	4
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 200w Cobra	HPS - 200w Cobra	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 200w Cobra	HPS - 200w Cobra	KY	251
E373.00-Street Lighting / Signal Sy	31-Jan-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	31-Mar-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	8
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	11
E373.00-Street Lighting / Signal Sy	31-May-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	3
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	30
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	174
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	27
E373.00-Street Lighting / Signal Sy	31-Oct-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 200w Cobra	HPS - 200w Cobra	KY	145
E373.00-Street Lighting / Signal Sy	29-Feb-16	HPS - 200w Cobra	HPS - 200w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	31-May-16	HPS - 200w Cobra	HPS - 200w Cobra	KY	9
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 200w Cobra	HPS - 200w Cobra	KY	62
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 200w Cobra	HPS - 200w Cobra	KY	28
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	68
E373.00-Street Lighting / Signal Sy	31-May-15	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	1

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	10
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	6
E373.00-Street Lighting / Signal Sy	31-Oct-15	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	7
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	5
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 200w Contemporary (ShoeBox)	HPS - 200w Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 200w Fixture	HPS - 200w Fixture	KY	425
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 200w Flood	HPS - 200w Flood	KY	101
E373.00-Street Lighting / Signal Sy	31-Oct-14	HPS - 200w Flood	HPS - 200w Flood	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 200w Flood	HPS - 200w Flood	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 200w Flood	HPS - 200w Flood	KY	121
E373.00-Street Lighting / Signal Sy	31-Mar-15	HPS - 200w Flood	HPS - 200w Flood	KY	1
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 200w Flood	HPS - 200w Flood	KY	3
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 200w Flood	HPS - 200w Flood	KY	4
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 200w Flood	HPS - 200w Flood	KY	5
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 200w Flood	HPS - 200w Flood	KY	8
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 200w Flood	HPS - 200w Flood	KY	5
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 200w Flood	HPS - 200w Flood	KY	14
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 200w Flood	HPS - 200w Flood	KY	13
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 250w Cobra	HPS - 250w Cobra	KY	9
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 400W Cobra	HPS - 400W Cobra	KY	77
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 400W Cobra	HPS - 400W Cobra	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 400W Cobra	HPS - 400W Cobra	KY	85
E373.00-Street Lighting / Signal Sy	31-Jan-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	2
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	2
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	12
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	12
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	17
E373.00-Street Lighting / Signal Sy	30-Nov-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 400W Cobra	HPS - 400W Cobra	KY	31
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 400W Cobra	HPS - 400W Cobra	KY	38
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 400W Cobra	HPS - 400W Cobra	KY	33
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 400W Contemporary (ShoeBox)	HPS - 400W Contemporary (ShoeBox)	KY	20
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 400W Contemporary (ShoeBox)	HPS - 400W Contemporary (ShoeBox)	KY	3
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 400W Contemporary (ShoeBox)	HPS - 400W Contemporary (ShoeBox)	KY	9
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 400W Contemporary (ShoeBox)	HPS - 400W Contemporary (ShoeBox)	KY	5
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 400W Contemporary (ShoeBox)	HPS - 400W Contemporary (ShoeBox)	KY	6
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 400W Contemporary (ShoeBox)	HPS - 400W Contemporary (ShoeBox)	KY	5
E373.00-Street Lighting / Signal Sy	30-Apr-13	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	1
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	143
E373.00-Street Lighting / Signal Sy	31-Oct-14	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	3
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	295
E373.00-Street Lighting / Signal Sy	31-Jan-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	43
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	9
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	17
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	6
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	31
E373.00-Street Lighting / Signal Sy	31-Oct-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	12
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	77
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 400W Directional (Flood)	HPS - 400W Directional (Flood)	KY	20
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 400W Fixture	HPS - 400W Fixture	KY	3,389
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 400W Fixture	HPS - 400W Fixture	KY	1,036
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 400W Fixture	HPS - 400W Fixture	KY	168
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 400W Fixture	HPS - 400W Fixture	KY	76
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 50w Acorn	HPS - 50w Acorn	KY	3
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 50w Acorn	HPS - 50w Acorn	KY	3
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 50W Cobra	HPS - 50W Cobra	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 50W Cobra	HPS - 50W Cobra	KY	8
E373.00-Street Lighting / Signal Sy	31-May-15	HPS - 50W Cobra	HPS - 50W Cobra	KY	1
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 50W Cobra	HPS - 50W Cobra	KY	7
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 50W Cobra	HPS - 50W Cobra	KY	1
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 50W Cobra	HPS - 50W Cobra	KY	14
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 50W Cobra	HPS - 50W Cobra	KY	1
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 50w Colonial	HPS - 50w Colonial	KY	3
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 50w Colonial	HPS - 50w Colonial	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 50w Fixture	HPS - 50w Fixture	KY	6,584
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 50w Fixture	HPS - 50w Fixture	KY	1,110
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 50w Fixture	HPS - 50w Fixture	KY	36
E373.00-Street Lighting / Signal Sy	1-Aug-16	HPS - 50w Fixture	HPS - 50w Fixture	KY	24
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 70w Acorn	HPS - 70w Acorn	KY	1

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Acorn	HPS - 70w Acorn	KY	11
E373.00-Street Lighting / Signal Sy	31-Jul-14	HPS - 70w Cobra	HPS - 70w Cobra	KY	70
E373.00-Street Lighting / Signal Sy	31-Aug-14	HPS - 70w Cobra	HPS - 70w Cobra	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 70w Cobra	HPS - 70w Cobra	KY	6
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Cobra	HPS - 70w Cobra	KY	164
E373.00-Street Lighting / Signal Sy	30-Apr-15	HPS - 70w Cobra	HPS - 70w Cobra	KY	3
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 70w Cobra	HPS - 70w Cobra	KY	3
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 70w Cobra	HPS - 70w Cobra	KY	123
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 70w Cobra	HPS - 70w Cobra	KY	3
E373.00-Street Lighting / Signal Sy	30-Nov-15	HPS - 70w Cobra	HPS - 70w Cobra	KY	9
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 70w Cobra	HPS - 70w Cobra	KY	152
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 70w Cobra	HPS - 70w Cobra	KY	15
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Colonial	HPS - 70w Colonial	KY	107
E373.00-Street Lighting / Signal Sy	30-Jun-15	HPS - 70w Colonial	HPS - 70w Colonial	KY	9
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 70w Colonial	HPS - 70w Colonial	KY	9
E373.00-Street Lighting / Signal Sy	1-Oct-15	HPS - 70w Colonial	HPS - 70w Colonial	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 70w Colonial	HPS - 70w Colonial	KY	4
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 70w Colonial	HPS - 70w Colonial	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-14	HPS - 70w Contemporary	HPS - 70w Contemporary	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Contemporary	HPS - 70w Contemporary	KY	229
E373.00-Street Lighting / Signal Sy	31-Jul-15	HPS - 70w Contemporary	HPS - 70w Contemporary	KY	12
E373.00-Street Lighting / Signal Sy	31-Oct-15	HPS - 70w Contemporary	HPS - 70w Contemporary	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 70w Contemporary	HPS - 70w Contemporary	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Fixture	HPS - 70w Fixture	KY	1,056
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Fixture	HPS - 70w Fixture	KY	1,272
E373.00-Street Lighting / Signal Sy	31-Dec-15	HPS - 70w Fixture	HPS - 70w Fixture	KY	1,270
E373.00-Street Lighting / Signal Sy	1-Jul-16	HPS - 70w Fixture	HPS - 70w Fixture	KY	48
E373.00-Street Lighting / Signal Sy	31-Dec-14	HPS - 70w Open Bottom	HPS - 70w Open Bottom	KY	1
E373.00-Street Lighting / Signal Sy	30-Apr-11	INDICATOR - 1 PH FAULT	1 PH FAULT INDICATOR (06860)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-88	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-89	LT POLE COLONIAL FIXTURE	MP1989 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-89	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-90	LT POLE COLONIAL FIXTURE	MP1990 Street Lighting and Signal Systems	KY	42
E373.00-Street Lighting / Signal Sy	31-Dec-90	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	18
E373.00-Street Lighting / Signal Sy	1-Jan-91	LT POLE COLONIAL FIXTURE	MP1991 Street Lighting and Signal Systems	KY	48
E373.00-Street Lighting / Signal Sy	31-Dec-91	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	19
E373.00-Street Lighting / Signal Sy	1-Jan-92	LT POLE COLONIAL FIXTURE	MP1992 Street Lighting and Signal Systems	KY	53
E373.00-Street Lighting / Signal Sy	31-Dec-92	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	38
E373.00-Street Lighting / Signal Sy	1-Jan-93	LT POLE COLONIAL FIXTURE	MP1993 Street Lighting and Signal Systems	KY	30
E373.00-Street Lighting / Signal Sy	31-Dec-93	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	54
E373.00-Street Lighting / Signal Sy	1-Jan-94	LT POLE COLONIAL FIXTURE	MP1994 Street Lighting and Signal Systems	KY	128
E373.00-Street Lighting / Signal Sy	31-Dec-94	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	120
E373.00-Street Lighting / Signal Sy	1-Jan-95	LT POLE COLONIAL FIXTURE	MP1995 Street Lighting and Signal Systems	KY	80
E373.00-Street Lighting / Signal Sy	31-Dec-95	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	125
E373.00-Street Lighting / Signal Sy	1-Jan-96	LT POLE COLONIAL FIXTURE	MP1996 Street Lighting and Signal Systems	KY	49
E373.00-Street Lighting / Signal Sy	31-Dec-96	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	58
E373.00-Street Lighting / Signal Sy	1-Jan-97	LT POLE COLONIAL FIXTURE	MP1997 Street Lighting and Signal Systems	KY	137
E373.00-Street Lighting / Signal Sy	31-Dec-97	LT POLE COLONIAL FIXTURE	POLE,ALUMINUM,12' MH,COLONIAL LT,EMBEDDED	KY	156
E373.00-Street Lighting / Signal Sy	1-Jan-98	LT POLE COLONIAL FIXTURE	MP1998 Street Lighting and Signal Systems	KY	189
E373.00-Street Lighting / Signal Sy	31-Dec-98	LT POLE COLONIAL FIXTURE	POLE,ALUMINUM,12' MH,COLONIAL LT,EMBEDDED	KY	148
E373.00-Street Lighting / Signal Sy	1-Jan-99	LT POLE COLONIAL FIXTURE	MP1999 Street Lighting and Signal Systems	KY	66
E373.00-Street Lighting / Signal Sy	1-Jan-00	LT POLE COLONIAL FIXTURE	MP2000 Street Lighting and Signal Systems	KY	254
E373.00-Street Lighting / Signal Sy	31-Jan-00	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	13
E373.00-Street Lighting / Signal Sy	1-Jan-01	LT POLE COLONIAL FIXTURE	MP2001 Street Lighting and Signal Systems	KY	229
E373.00-Street Lighting / Signal Sy	31-Jan-01	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-02	LT POLE COLONIAL FIXTURE	MP2002 Street Lighting and Signal Systems	KY	177
E373.00-Street Lighting / Signal Sy	1-Jan-03	LT POLE COLONIAL FIXTURE	MP2003 Street Lighting and Signal Systems	KY	129
E373.00-Street Lighting / Signal Sy	1-Jan-04	LT POLE COLONIAL FIXTURE	MP2004 Street Lighting and Signal Systems	KY	246
E373.00-Street Lighting / Signal Sy	1-Jan-05	LT POLE COLONIAL FIXTURE	MP2005 Street Lighting and Signal Systems	KY	11
E373.00-Street Lighting / Signal Sy	30-Jun-06	LT POLE COLONIAL FIXTURE	435086101-Installations on Customers' Premises-9335876	KY	8
E373.00-Street Lighting / Signal Sy	1-Jan-07	LT POLE COLONIAL FIXTURE	MP2007 Street Lighting and Signal Systems	KY	8
E373.00-Street Lighting / Signal Sy	31-Dec-07	LT POLE COLONIAL FIXTURE	1136189101-Installations on Customers' Premises-13789946	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-07	LT POLE COLONIAL FIXTURE	1136189101-Installations on Customers' Premises-13693941	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-08	LT POLE COLONIAL FIXTURE	MP2008 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Sep-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	171
E373.00-Street Lighting / Signal Sy	1-Oct-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	5
E373.00-Street Lighting / Signal Sy	1-Nov-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	5
E373.00-Street Lighting / Signal Sy	16-Nov-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	22-Dec-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	29
E373.00-Street Lighting / Signal Sy	23-Dec-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	24-Dec-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	5
E373.00-Street Lighting / Signal Sy	28-Dec-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	324

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	31-Dec-09	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	30-Mar-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	4
E373.00-Street Lighting / Signal Sy	31-Mar-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	3
E373.00-Street Lighting / Signal Sy	30-Apr-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	5
E373.00-Street Lighting / Signal Sy	1-Jun-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	786
E373.00-Street Lighting / Signal Sy	1-Aug-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	31-Aug-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	1-Sep-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	75
E373.00-Street Lighting / Signal Sy	30-Sep-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	187
E373.00-Street Lighting / Signal Sy	30-Nov-10	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	9
E373.00-Street Lighting / Signal Sy	31-Jan-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	7
E373.00-Street Lighting / Signal Sy	1-Feb-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	22
E373.00-Street Lighting / Signal Sy	31-Mar-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	12
E373.00-Street Lighting / Signal Sy	30-Jun-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	39
E373.00-Street Lighting / Signal Sy	1-Aug-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	657
E373.00-Street Lighting / Signal Sy	31-Aug-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	4
E373.00-Street Lighting / Signal Sy	1-Sep-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	3
E373.00-Street Lighting / Signal Sy	30-Sep-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	7
E373.00-Street Lighting / Signal Sy	1-Nov-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-11	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	3
E373.00-Street Lighting / Signal Sy	1-Mar-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	3
E373.00-Street Lighting / Signal Sy	30-Jun-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	6
E373.00-Street Lighting / Signal Sy	1-Jul-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	1-Aug-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	3
E373.00-Street Lighting / Signal Sy	14-Aug-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	3
E373.00-Street Lighting / Signal Sy	1-Oct-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	30
E373.00-Street Lighting / Signal Sy	31-Oct-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	2
E373.00-Street Lighting / Signal Sy	1-Nov-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	15
E373.00-Street Lighting / Signal Sy	1-Dec-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-12	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	28
E373.00-Street Lighting / Signal Sy	1-Jun-13	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	2
E373.00-Street Lighting / Signal Sy	31-Oct-13	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-14	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	6
E373.00-Street Lighting / Signal Sy	1-Apr-14	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	30-Apr-14	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	7
E373.00-Street Lighting / Signal Sy	1-May-14	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-14	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	24
E373.00-Street Lighting / Signal Sy	31-Jul-15	LT POLE COLONIAL FIXTURE	LT POLE COLONIAL FIXTURE (00983)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-89	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	83
E373.00-Street Lighting / Signal Sy	31-Dec-90	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	69
E373.00-Street Lighting / Signal Sy	31-Dec-91	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	37
E373.00-Street Lighting / Signal Sy	31-Dec-92	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	30
E373.00-Street Lighting / Signal Sy	31-Dec-93	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	110
E373.00-Street Lighting / Signal Sy	31-Dec-94	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	165
E373.00-Street Lighting / Signal Sy	31-Dec-95	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	90
E373.00-Street Lighting / Signal Sy	1-Jan-96	LT POLE CONTEMPORARY	MP1996 Street Lighting and Signal Systems	KY	694
E373.00-Street Lighting / Signal Sy	31-Dec-96	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	160
E373.00-Street Lighting / Signal Sy	1-Jan-97	LT POLE CONTEMPORARY	MP1997 Street Lighting and Signal Systems	KY	395
E373.00-Street Lighting / Signal Sy	28-Feb-97	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	188
E373.00-Street Lighting / Signal Sy	1-Jan-98	LT POLE CONTEMPORARY	MP1998 Street Lighting and Signal Systems	KY	102
E373.00-Street Lighting / Signal Sy	31-Dec-98	LT POLE CONTEMPORARY	POLE,ALUMINUM,25'MH,CONTEMPORARY LT,EMBI	KY	242
E373.00-Street Lighting / Signal Sy	1-Jan-99	LT POLE CONTEMPORARY	MP1999 Street Lighting and Signal Systems	KY	684
E373.00-Street Lighting / Signal Sy	31-Mar-99	LT POLE CONTEMPORARY	POLE,ALUM,30' MH,CONTEM LT,4 BLT,BLK,W/ANC	KY	11
E373.00-Street Lighting / Signal Sy	1-Jan-00	LT POLE CONTEMPORARY	MP2000 Street Lighting and Signal Systems	KY	396
E373.00-Street Lighting / Signal Sy	31-Jan-00	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	63
E373.00-Street Lighting / Signal Sy	1-Jan-01	LT POLE CONTEMPORARY	MP2001 Street Lighting and Signal Systems	KY	218
E373.00-Street Lighting / Signal Sy	31-Jan-01	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-02	LT POLE CONTEMPORARY	MP2002 Street Lighting and Signal Systems	KY	137
E373.00-Street Lighting / Signal Sy	1-Jan-03	LT POLE CONTEMPORARY	MP2003 Street Lighting and Signal Systems	KY	1,053
E373.00-Street Lighting / Signal Sy	1-Jan-04	LT POLE CONTEMPORARY	MP2004 Street Lighting and Signal Systems	KY	298
E373.00-Street Lighting / Signal Sy	1-Jan-07	LT POLE CONTEMPORARY	MP2007 Street Lighting and Signal Systems	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-08	LT POLE CONTEMPORARY	MP2008 Street Lighting and Signal Systems	KY	14
E373.00-Street Lighting / Signal Sy	1-Aug-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	4
E373.00-Street Lighting / Signal Sy	1-Sep-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	213
E373.00-Street Lighting / Signal Sy	16-Oct-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	13
E373.00-Street Lighting / Signal Sy	30-Nov-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	7-Dec-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	22-Dec-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	23-Dec-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	71
E373.00-Street Lighting / Signal Sy	24-Dec-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	21
E373.00-Street Lighting / Signal Sy	28-Dec-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	450

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	31-Dec-09	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	10
E373.00-Street Lighting / Signal Sy	31-Mar-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	1-Apr-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	7
E373.00-Street Lighting / Signal Sy	1-Jun-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	20
E373.00-Street Lighting / Signal Sy	1-Jul-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	5
E373.00-Street Lighting / Signal Sy	1-Sep-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	62
E373.00-Street Lighting / Signal Sy	30-Sep-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	14
E373.00-Street Lighting / Signal Sy	30-Nov-10	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	42
E373.00-Street Lighting / Signal Sy	31-Jan-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	2
E373.00-Street Lighting / Signal Sy	31-Mar-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	2
E373.00-Street Lighting / Signal Sy	1-Jun-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	30-Jun-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	3
E373.00-Street Lighting / Signal Sy	31-Aug-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	2
E373.00-Street Lighting / Signal Sy	1-Sep-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	2
E373.00-Street Lighting / Signal Sy	30-Sep-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	1-Oct-11	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	19
E373.00-Street Lighting / Signal Sy	1-Mar-12	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	5
E373.00-Street Lighting / Signal Sy	30-Jun-12	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	37
E373.00-Street Lighting / Signal Sy	14-Aug-12	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	67
E373.00-Street Lighting / Signal Sy	1-Sep-12	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	42
E373.00-Street Lighting / Signal Sy	1-Oct-12	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-12	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	12
E373.00-Street Lighting / Signal Sy	31-Mar-13	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-13	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	33
E373.00-Street Lighting / Signal Sy	1-Jul-13	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-14	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	2
E373.00-Street Lighting / Signal Sy	1-May-14	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-14	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	42
E373.00-Street Lighting / Signal Sy	30-Sep-15	LT POLE CONTEMPORARY	LT POLE CONTEMPORARY (00987)	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-92	LT POLE HISTORIC	LT POLE HISOTRIC	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-93	LT POLE HISTORIC	LT POLE HISOTRIC	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-94	LT POLE HISTORIC	LT POLE HISOTRIC	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-95	LT POLE HISTORIC	LT POLE HISOTRIC	KY	72
E373.00-Street Lighting / Signal Sy	31-Dec-96	LT POLE HISTORIC	LT POLE HISOTRIC	KY	35
E373.00-Street Lighting / Signal Sy	30-Sep-97	LT POLE HISTORIC	LT POLE HISOTRIC	KY	66
E373.00-Street Lighting / Signal Sy	30-Sep-98	LT POLE HISTORIC	POLE,FIBERGLASS,12',ACORN LT (HISTORIC),EMBEI	KY	71
E373.00-Street Lighting / Signal Sy	1-Jan-99	LT POLE HISTORIC	MP1999 Street Lighting and Signal Systems	KY	20
E373.00-Street Lighting / Signal Sy	1-Jan-00	LT POLE HISTORIC	MP2000 Street Lighting and Signal Systems	KY	185
E373.00-Street Lighting / Signal Sy	31-Jan-00	LT POLE HISTORIC	LT POLE HISOTRIC	KY	15
E373.00-Street Lighting / Signal Sy	1-Jan-01	LT POLE HISTORIC	MP2001 Street Lighting and Signal Systems	KY	72
E373.00-Street Lighting / Signal Sy	31-Jan-01	LT POLE HISTORIC	LT POLE HISOTRIC	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-02	LT POLE HISTORIC	MP2002 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-03	LT POLE HISTORIC	MP2003 Street Lighting and Signal Systems	KY	56
E373.00-Street Lighting / Signal Sy	1-Jan-04	LT POLE HISTORIC	MP2004 Street Lighting and Signal Systems	KY	63
E373.00-Street Lighting / Signal Sy	1-Sep-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	15
E373.00-Street Lighting / Signal Sy	12-Nov-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	6
E373.00-Street Lighting / Signal Sy	16-Nov-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	1
E373.00-Street Lighting / Signal Sy	21-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	2
E373.00-Street Lighting / Signal Sy	22-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	2
E373.00-Street Lighting / Signal Sy	23-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	4
E373.00-Street Lighting / Signal Sy	24-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	95
E373.00-Street Lighting / Signal Sy	28-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	329
E373.00-Street Lighting / Signal Sy	30-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	585
E373.00-Street Lighting / Signal Sy	31-Dec-09	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	5
E373.00-Street Lighting / Signal Sy	31-Mar-10	LT POLE HISTORIC	LT POLE HISOTRIC (01064)	KY	6
E373.00-Street Lighting / Signal Sy	10-Apr-10	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	1
E373.00-Street Lighting / Signal Sy	30-Apr-10	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	10
E373.00-Street Lighting / Signal Sy	1-Jun-10	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	211
E373.00-Street Lighting / Signal Sy	30-Jun-10	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	153
E373.00-Street Lighting / Signal Sy	31-Jul-10	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-14	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	2
E373.00-Street Lighting / Signal Sy	1-Apr-14	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	6
E373.00-Street Lighting / Signal Sy	1-May-14	LT POLE HISTORIC	LT POLE HISTORIC (01064)	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-72	MERCURY FIXTURES	MP1972 Street Lighting and Signal Systems	KY	74
E373.00-Street Lighting / Signal Sy	1-Jan-73	MERCURY FIXTURES	MP1973 Street Lighting and Signal Systems	KY	455
E373.00-Street Lighting / Signal Sy	31-Dec-73	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	496
E373.00-Street Lighting / Signal Sy	1-Jan-74	MERCURY FIXTURES	MP1974 Street Lighting and Signal Systems	KY	836
E373.00-Street Lighting / Signal Sy	1-Jan-75	MERCURY FIXTURES	MP1975 Street Lighting and Signal Systems	KY	326
E373.00-Street Lighting / Signal Sy	1-Jan-76	MERCURY FIXTURES	MP1976 Street Lighting and Signal Systems	KY	252
E373.00-Street Lighting / Signal Sy	31-Dec-76	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,254
E373.00-Street Lighting / Signal Sy	1-Jan-77	MERCURY FIXTURES	MP1977 Street Lighting and Signal Systems	KY	619
E373.00-Street Lighting / Signal Sy	31-Dec-77	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,376

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Jan-78	MERCURY FIXTURES	MP1978 Street Lighting and Signal Systems	KY	464
E373.00-Street Lighting / Signal Sy	31-Dec-78	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	194
E373.00-Street Lighting / Signal Sy	1-Jan-79	MERCURY FIXTURES	MP1979 Street Lighting and Signal Systems	KY	515
E373.00-Street Lighting / Signal Sy	31-Dec-79	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,073
E373.00-Street Lighting / Signal Sy	1-Jan-80	MERCURY FIXTURES	MP1980 Street Lighting and Signal Systems	KY	15
E373.00-Street Lighting / Signal Sy	31-Dec-80	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	385
E373.00-Street Lighting / Signal Sy	1-Jan-81	MERCURY FIXTURES	MP1981 Street Lighting and Signal Systems	KY	1,946
E373.00-Street Lighting / Signal Sy	31-Dec-81	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	2,319
E373.00-Street Lighting / Signal Sy	1-Jan-82	MERCURY FIXTURES	MP1982 Street Lighting and Signal Systems	KY	749
E373.00-Street Lighting / Signal Sy	31-Dec-82	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,961
E373.00-Street Lighting / Signal Sy	1-Jan-83	MERCURY FIXTURES	MP1983 Street Lighting and Signal Systems	KY	1,003
E373.00-Street Lighting / Signal Sy	31-Dec-83	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,611
E373.00-Street Lighting / Signal Sy	1-Jan-84	MERCURY FIXTURES	MP1984 Street Lighting and Signal Systems	KY	1,005
E373.00-Street Lighting / Signal Sy	31-Dec-84	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,528
E373.00-Street Lighting / Signal Sy	1-Jan-85	MERCURY FIXTURES	MP1985 Street Lighting and Signal Systems	KY	100
E373.00-Street Lighting / Signal Sy	31-Dec-85	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	880
E373.00-Street Lighting / Signal Sy	1-Jan-86	MERCURY FIXTURES	MP1986 Street Lighting and Signal Systems	KY	880
E373.00-Street Lighting / Signal Sy	31-Dec-86	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,529
E373.00-Street Lighting / Signal Sy	1-Jan-87	MERCURY FIXTURES	MP1987 Street Lighting and Signal Systems	KY	604
E373.00-Street Lighting / Signal Sy	31-Dec-87	MERCURY FIXTURES	FLOURESCENT FIXTURE	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-87	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,666
E373.00-Street Lighting / Signal Sy	1-Jan-88	MERCURY FIXTURES	MP1988 Street Lighting and Signal Systems	KY	533
E373.00-Street Lighting / Signal Sy	31-Dec-88	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,374
E373.00-Street Lighting / Signal Sy	1-Jan-89	MERCURY FIXTURES	MP1989 Street Lighting and Signal Systems	KY	468
E373.00-Street Lighting / Signal Sy	31-Dec-89	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,365
E373.00-Street Lighting / Signal Sy	1-Jan-90	MERCURY FIXTURES	MP1990 Street Lighting and Signal Systems	KY	324
E373.00-Street Lighting / Signal Sy	31-Dec-90	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	1,221
E373.00-Street Lighting / Signal Sy	1-Jan-91	MERCURY FIXTURES	MP1991 Street Lighting and Signal Systems	KY	470
E373.00-Street Lighting / Signal Sy	31-Dec-91	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	642
E373.00-Street Lighting / Signal Sy	1-Jan-92	MERCURY FIXTURES	MP1992 Street Lighting and Signal Systems	KY	383
E373.00-Street Lighting / Signal Sy	31-Dec-92	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	364
E373.00-Street Lighting / Signal Sy	1-Jan-93	MERCURY FIXTURES	MP1993 Street Lighting and Signal Systems	KY	325
E373.00-Street Lighting / Signal Sy	31-Dec-93	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	309
E373.00-Street Lighting / Signal Sy	1-Jan-94	MERCURY FIXTURES	MP1994 Street Lighting and Signal Systems	KY	508
E373.00-Street Lighting / Signal Sy	31-Dec-94	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	242
E373.00-Street Lighting / Signal Sy	1-Jan-95	MERCURY FIXTURES	MP1995 Street Lighting and Signal Systems	KY	141
E373.00-Street Lighting / Signal Sy	31-Dec-95	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	213
E373.00-Street Lighting / Signal Sy	1-Jan-96	MERCURY FIXTURES	MP1996 Street Lighting and Signal Systems	KY	224
E373.00-Street Lighting / Signal Sy	31-Dec-96	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	202
E373.00-Street Lighting / Signal Sy	1-Jan-97	MERCURY FIXTURES	MP1997 Street Lighting and Signal Systems	KY	155
E373.00-Street Lighting / Signal Sy	31-Dec-97	MERCURY FIXTURES	FIXTURE,LIGHTING,MV,COBRA,7000L,175W,IL,120V	KY	828
E373.00-Street Lighting / Signal Sy	1-Jan-98	MERCURY FIXTURES	MP1998 Street Lighting and Signal Systems	KY	63
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	METAL HALIDE ACORN 175W	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 175W	KY	27
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	FIXTURE,LIGHTING,MV,COBRA,7000L,175W,IL,120V	KY	140
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	METAL HALIDE CONTEMPORARY 1000W	KY	39
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	METAL HALIDE CONTEMPORARY, 400W	KY	67
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL, 400W	KY	270
E373.00-Street Lighting / Signal Sy	31-Dec-98	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 1000W	KY	383
E373.00-Street Lighting / Signal Sy	1-Jan-99	MERCURY FIXTURES	MP1999 Street Lighting and Signal Systems	KY	11
E373.00-Street Lighting / Signal Sy	31-Jan-99	MERCURY FIXTURES	STREET LIGHTING	KY	2,666
E373.00-Street Lighting / Signal Sy	1-Jan-00	MERCURY FIXTURES	MP2000 Street Lighting and Signal Systems	KY	481
E373.00-Street Lighting / Signal Sy	31-Jan-00	MERCURY FIXTURES	INCANDESCENT FIXTURE COMPLETE	KY	60
E373.00-Street Lighting / Signal Sy	31-Jan-00	MERCURY FIXTURES	METAL HALIDE CONTEMPORARY 1000W	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-00	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	57
E373.00-Street Lighting / Signal Sy	31-Jan-00	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 175W	KY	28
E373.00-Street Lighting / Signal Sy	31-Jan-00	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 400W	KY	101
E373.00-Street Lighting / Signal Sy	31-Jan-00	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 1000W	KY	115
E373.00-Street Lighting / Signal Sy	31-Dec-00	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-01	MERCURY FIXTURES	MP2001 Street Lighting and Signal Systems	KY	901
E373.00-Street Lighting / Signal Sy	31-Jan-01	MERCURY FIXTURES	INCANDESCENT FIXTURE COMPLETE	KY	4
E373.00-Street Lighting / Signal Sy	31-Jan-01	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 400W	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-01	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 175W	KY	3
E373.00-Street Lighting / Signal Sy	31-Jan-01	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	11
E373.00-Street Lighting / Signal Sy	31-Jan-01	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 1000W	KY	22
E373.00-Street Lighting / Signal Sy	31-Jul-01	MERCURY FIXTURES	METAL HALIDE DIRECTIONAL 1000W	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-02	MERCURY FIXTURES	MP2002 Street Lighting and Signal Systems	KY	536
E373.00-Street Lighting / Signal Sy	1-Jan-03	MERCURY FIXTURES	MP2003 Street Lighting and Signal Systems	KY	568
E373.00-Street Lighting / Signal Sy	31-Mar-03	MERCURY FIXTURES	MERCURY VAPOR FIXTURE, COMP	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-04	MERCURY FIXTURES	MP2004 Street Lighting and Signal Systems	KY	455
E373.00-Street Lighting / Signal Sy	31-Oct-05	MERCURY FIXTURES	3791801-Installations on Customers' Premises-7411200	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-06	MERCURY FIXTURES	MP2006 Street Lighting and Signal Systems	KY	1

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Jan-07	MERCURY FIXTURES	MP2007 Street Lighting and Signal Systems	KY	21
E373.00-Street Lighting / Signal Sy	31-Dec-07	MERCURY FIXTURES	1156605101-Installations on Customers' Premises-14045372	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-07	MERCURY FIXTURES	1156605101-Installations on Customers' Premises-13914796	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-08	MERCURY FIXTURES	MP2008 Street Lighting and Signal Systems	KY	13
E373.00-Street Lighting / Signal Sy	31-Jan-08	MERCURY FIXTURES	1136895101-Installations on Customers' Premises-14396577	KY	1
E373.00-Street Lighting / Signal Sy	31-Oct-08	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1
E373.00-Street Lighting / Signal Sy	31-Jul-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1
E373.00-Street Lighting / Signal Sy	1-Aug-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	6
E373.00-Street Lighting / Signal Sy	3-Aug-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	12-Aug-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	3
E373.00-Street Lighting / Signal Sy	1-Sep-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2,766
E373.00-Street Lighting / Signal Sy	1-Oct-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	3
E373.00-Street Lighting / Signal Sy	31-Oct-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2
E373.00-Street Lighting / Signal Sy	5-Nov-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2
E373.00-Street Lighting / Signal Sy	16-Nov-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	11
E373.00-Street Lighting / Signal Sy	8-Dec-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1
E373.00-Street Lighting / Signal Sy	28-Dec-09	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1
E373.00-Street Lighting / Signal Sy	31-Mar-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	30-Apr-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2
E373.00-Street Lighting / Signal Sy	1-Jun-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2,389
E373.00-Street Lighting / Signal Sy	1-Jul-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	138
E373.00-Street Lighting / Signal Sy	31-Jul-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	8
E373.00-Street Lighting / Signal Sy	1-Aug-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	11
E373.00-Street Lighting / Signal Sy	1-Sep-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	6
E373.00-Street Lighting / Signal Sy	30-Sep-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	10
E373.00-Street Lighting / Signal Sy	30-Nov-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	93
E373.00-Street Lighting / Signal Sy	31-Dec-10	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2
E373.00-Street Lighting / Signal Sy	31-Jan-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	28-Feb-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	93
E373.00-Street Lighting / Signal Sy	31-Mar-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	8
E373.00-Street Lighting / Signal Sy	31-May-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	30-Jun-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	1-Aug-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	363
E373.00-Street Lighting / Signal Sy	31-Aug-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	1-Sep-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	12
E373.00-Street Lighting / Signal Sy	1-Nov-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-11	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	-
E373.00-Street Lighting / Signal Sy	1-Mar-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1
E373.00-Street Lighting / Signal Sy	1-May-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	8
E373.00-Street Lighting / Signal Sy	1-Jul-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	32
E373.00-Street Lighting / Signal Sy	1-Aug-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	15
E373.00-Street Lighting / Signal Sy	1-Nov-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	627
E373.00-Street Lighting / Signal Sy	1-Dec-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	23
E373.00-Street Lighting / Signal Sy	31-Dec-12	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	51
E373.00-Street Lighting / Signal Sy	31-Jan-13	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	5
E373.00-Street Lighting / Signal Sy	31-Mar-13	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	5
E373.00-Street Lighting / Signal Sy	30-Apr-13	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	6
E373.00-Street Lighting / Signal Sy	30-May-13	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	8
E373.00-Street Lighting / Signal Sy	1-Jun-13	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	3
E373.00-Street Lighting / Signal Sy	1-Jul-13	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	23
E373.00-Street Lighting / Signal Sy	1-Jan-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	275
E373.00-Street Lighting / Signal Sy	1-Apr-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	5
E373.00-Street Lighting / Signal Sy	30-Apr-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	6
E373.00-Street Lighting / Signal Sy	1-May-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	3
E373.00-Street Lighting / Signal Sy	1-Jun-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4,103
E373.00-Street Lighting / Signal Sy	31-Oct-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1,350
E373.00-Street Lighting / Signal Sy	30-Nov-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	MERCURY FIXTURES	MV - Mercury Vapor Fixture	KY	66
E373.00-Street Lighting / Signal Sy	31-Dec-14	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	1,708
E373.00-Street Lighting / Signal Sy	31-Jan-15	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	29
E373.00-Street Lighting / Signal Sy	1-Mar-15	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	18
E373.00-Street Lighting / Signal Sy	30-Apr-15	MERCURY FIXTURES	MERCURY FIXTURES, 400W AND UNDER (09070)	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 1000 Contemporary (ShoeBox)	MH - 1000 Contemporary (ShoeBox)	KY	5
E373.00-Street Lighting / Signal Sy	30-Apr-15	MH - 1000 Contemporary (ShoeBox)	MH - 1000 Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	1-Oct-15	MH - 1000 Contemporary (ShoeBox)	MH - 1000 Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	1-Nov-15	MH - 1000 Contemporary (ShoeBox)	MH - 1000 Contemporary (ShoeBox)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jul-16	MH - 1000 Contemporary (ShoeBox)	MH - 1000 Contemporary (ShoeBox)	KY	3
E373.00-Street Lighting / Signal Sy	31-Aug-14	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	41
E373.00-Street Lighting / Signal Sy	30-Apr-15	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	1

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	30-Jun-15	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	2
E373.00-Street Lighting / Signal Sy	1-Oct-15	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	6
E373.00-Street Lighting / Signal Sy	30-Nov-15	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	10
E373.00-Street Lighting / Signal Sy	1-Jul-16	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	14
E373.00-Street Lighting / Signal Sy	1-Aug-16	MH - 1000 Directional (Flood)	MH - 1000 Directional (Flood)	KY	3
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 1000W Fixture	MH - 1000W Fixture	KY	624
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 1000W Fixture	MH - 1000W Fixture	KY	12
E373.00-Street Lighting / Signal Sy	1-Jul-16	MH - 1000W Fixture	MH - 1000W Fixture	KY	54
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 150w Contemporary (Shoebox)	MH - 150w Contemporary (Shoebox)	KY	1
E373.00-Street Lighting / Signal Sy	30-Sep-14	MH - 150w Directional Flood	MH - 150w Directional Flood	KY	4
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 150w Directional Flood	MH - 150w Directional Flood	KY	37
E373.00-Street Lighting / Signal Sy	30-Apr-15	MH - 150w Directional Flood	MH - 150w Directional Flood	KY	7
E373.00-Street Lighting / Signal Sy	30-Jun-15	MH - 150w Directional Flood	MH - 150w Directional Flood	KY	4
E373.00-Street Lighting / Signal Sy	1-Oct-15	MH - 150w Directional Flood	MH - 150w Directional Flood	KY	5
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 150W Fixture	MH - 150W Fixture	KY	44
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 175W Colonial	MH - 175W Colonial	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 175W Fixture	MH - 175W Fixture	KY	324
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 175W Fixture	MH - 175W Fixture	KY	140
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 175W Horizontal	MH - 175W Horizontal	KY	84
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 175W Horizontal	MH - 175W Horizontal	KY	36
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 250W Fixture	MH - 250W Fixture	KY	36
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 250W Fixture	MH - 250W Fixture	KY	95
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 350w Contemporary (Shoe Box)	MH - 350w Contemporary (Shoe Box)	KY	41
E373.00-Street Lighting / Signal Sy	30-Apr-15	MH - 350w Contemporary (Shoe Box)	MH - 350w Contemporary (Shoe Box)	KY	11
E373.00-Street Lighting / Signal Sy	30-Nov-15	MH - 350w Contemporary (Shoe Box)	MH - 350w Contemporary (Shoe Box)	KY	3
E373.00-Street Lighting / Signal Sy	30-Sep-14	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	13
E373.00-Street Lighting / Signal Sy	30-Nov-14	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	485
E373.00-Street Lighting / Signal Sy	30-Apr-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	8
E373.00-Street Lighting / Signal Sy	30-Jun-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	2
E373.00-Street Lighting / Signal Sy	31-Jul-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	9
E373.00-Street Lighting / Signal Sy	1-Oct-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	41
E373.00-Street Lighting / Signal Sy	1-Nov-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	1
E373.00-Street Lighting / Signal Sy	30-Nov-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	9
E373.00-Street Lighting / Signal Sy	1-Jul-16	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	114
E373.00-Street Lighting / Signal Sy	1-Aug-16	MH - 350w Directional Flood	MH - 350w Directional Flood	KY	7
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 350W Fixture	MH - 350W Fixture	KY	252
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 350W Fixture	MH - 350W Fixture	KY	96
E373.00-Street Lighting / Signal Sy	1-Jul-16	MH - 350W Fixture	MH - 350W Fixture	KY	60
E373.00-Street Lighting / Signal Sy	31-Dec-14	MH - 400W Fixture	MH - 400W Fixture	KY	1,460
E373.00-Street Lighting / Signal Sy	31-Dec-15	MH - 400W Fixture	MH - 400W Fixture	KY	528
E373.00-Street Lighting / Signal Sy	1-Jul-16	MH - 400W Fixture	MH - 400W Fixture	KY	174
E373.00-Street Lighting / Signal Sy	1-Aug-16	MH - 400W Fixture	MH - 400W Fixture	KY	12
E373.00-Street Lighting / Signal Sy	1-Sep-09	PAD / MAT	PAD / MAT (00560)	KY	326
E373.00-Street Lighting / Signal Sy	30-Jun-10	PAD / MAT	PAD / MAT (00560)	KY	1
E373.00-Street Lighting / Signal Sy	31-Jul-10	PAD / MAT	PAD / MAT (00560)	KY	11
E373.00-Street Lighting / Signal Sy	31-Jan-11	PAD / MAT	PAD / MAT (00560)	KY	3
E373.00-Street Lighting / Signal Sy	1-Sep-11	PAD / MAT	PAD / MAT (00560)	KY	1
E373.00-Street Lighting / Signal Sy	1-Dec-11	PAD / MAT	PAD / MAT (00560)	KY	3
E373.00-Street Lighting / Signal Sy	30-Jun-12	PAD / MAT	PAD / MAT (00560)	KY	71
E373.00-Street Lighting / Signal Sy	1-Sep-09	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	2
E373.00-Street Lighting / Signal Sy	31-Oct-09	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	12
E373.00-Street Lighting / Signal Sy	31-Dec-09	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	261
E373.00-Street Lighting / Signal Sy	31-Mar-10	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-10	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	5,297
E373.00-Street Lighting / Signal Sy	31-Jul-10	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	141
E373.00-Street Lighting / Signal Sy	30-Sep-10	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	39,386
E373.00-Street Lighting / Signal Sy	30-Nov-10	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	10
E373.00-Street Lighting / Signal Sy	16-Feb-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	74
E373.00-Street Lighting / Signal Sy	31-Mar-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	142
E373.00-Street Lighting / Signal Sy	1-Jun-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	290
E373.00-Street Lighting / Signal Sy	30-Jun-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	1,890
E373.00-Street Lighting / Signal Sy	1-Aug-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	5,906
E373.00-Street Lighting / Signal Sy	1-Sep-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	428
E373.00-Street Lighting / Signal Sy	30-Sep-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	7
E373.00-Street Lighting / Signal Sy	1-Oct-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	583
E373.00-Street Lighting / Signal Sy	1-Nov-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	2,523
E373.00-Street Lighting / Signal Sy	1-Dec-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	4,540
E373.00-Street Lighting / Signal Sy	31-Dec-11	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	1
E373.00-Street Lighting / Signal Sy	31-Jan-12	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	3
E373.00-Street Lighting / Signal Sy	29-Feb-12	PHOTO ELECTRIC CONTROL	PHOTO ELECTRIC CONTROL (EACH) (07534)	KY	1

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Jan-41	SKY WIRE	MP1941 Street Lighting and Signal Systems	KY	13
E373.00-Street Lighting / Signal Sy	1-Jan-57	SKY WIRE	MP1957 Street Lighting and Signal Systems	KY	159
E373.00-Street Lighting / Signal Sy	1-Jan-41	ST. LIGHT CONTROLLER	MP1941 Street Lighting and Signal Systems	KY	26
E373.00-Street Lighting / Signal Sy	1-Jan-46	ST. LIGHT CONTROLLER	MP1946 Street Lighting and Signal Systems	KY	10
E373.00-Street Lighting / Signal Sy	1-Jan-47	ST. LIGHT CONTROLLER	MP1947 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-48	ST. LIGHT CONTROLLER	MP1948 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-49	ST. LIGHT CONTROLLER	MP1949 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-51	ST. LIGHT CONTROLLER	MP1951 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-52	ST. LIGHT CONTROLLER	MP1952 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-55	ST. LIGHT CONTROLLER	MP1955 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-56	ST. LIGHT CONTROLLER	MP1956 Street Lighting and Signal Systems	KY	32
E373.00-Street Lighting / Signal Sy	1-Jan-59	ST. LIGHT CONTROLLER	MP1959 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-60	ST. LIGHT CONTROLLER	MP1960 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-62	ST. LIGHT CONTROLLER	MP1962 Street Lighting and Signal Systems	KY	13
E373.00-Street Lighting / Signal Sy	1-Jan-63	ST. LIGHT CONTROLLER	MP1963 Street Lighting and Signal Systems	KY	12
E373.00-Street Lighting / Signal Sy	1-Jan-64	ST. LIGHT CONTROLLER	MP1964 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-75	ST. LIGHT CONTROLLER	MP1975 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-76	ST. LIGHT CONTROLLER	MP1976 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-78	ST. LIGHT CONTROLLER	MP1978 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-79	ST. LIGHT CONTROLLER	MP1979 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-82	ST. LIGHT CONTROLLER	MP1982 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-84	ST. LIGHT CONTROLLER	MP1984 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-86	ST. LIGHT CONTROLLER	MP1986 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-88	ST. LIGHT CONTROLLER	MP1988 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-89	ST. LIGHT CONTROLLER	MP1989 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-99	ST. LIGHT CONTROLLER	MP1999 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-77	ST. LIGHT RELAY	MP1977 Street Lighting and Signal Systems	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-78	ST. LIGHT RELAY	MP1978 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-79	ST. LIGHT RELAY	MP1979 Street Lighting and Signal Systems	KY	8
E373.00-Street Lighting / Signal Sy	1-Jan-80	ST. LIGHT RELAY	MP1980 Street Lighting and Signal Systems	KY	11
E373.00-Street Lighting / Signal Sy	31-Dec-80	ST. LIGHT RELAY	ST. LIGHT RELAY	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-81	ST. LIGHT RELAY	MP1981 Street Lighting and Signal Systems	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-82	ST. LIGHT RELAY	MP1982 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-83	ST. LIGHT RELAY	MP1983 Street Lighting and Signal Systems	KY	19
E373.00-Street Lighting / Signal Sy	1-Jan-84	ST. LIGHT RELAY	MP1984 Street Lighting and Signal Systems	KY	10
E373.00-Street Lighting / Signal Sy	1-Jan-87	ST. LIGHT RELAY	MP1987 Street Lighting and Signal Systems	KY	6
E373.00-Street Lighting / Signal Sy	1-Jan-88	ST. LIGHT RELAY	MP1988 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-90	ST. LIGHT RELAY	MP1990 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-91	ST. LIGHT RELAY	MP1991 Street Lighting and Signal Systems	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-92	ST. LIGHT RELAY	MP1992 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-93	ST. LIGHT RELAY	MP1993 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-94	ST. LIGHT RELAY	ST. LIGHT RELAY	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-95	ST. LIGHT RELAY	MP1995 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	31-Dec-95	ST. LIGHT RELAY	ST. LIGHT RELAY	KY	6
E373.00-Street Lighting / Signal Sy	1-Jan-96	ST. LIGHT RELAY	MP1996 Street Lighting and Signal Systems	KY	10
E373.00-Street Lighting / Signal Sy	31-Dec-96	ST. LIGHT RELAY	ST. LIGHT RELAY	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-97	ST. LIGHT RELAY	MP1997 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	31-Dec-97	ST. LIGHT RELAY	RELAY,LIGHTING,120/240V,60A,SINGLE POLE	KY	10
E373.00-Street Lighting / Signal Sy	1-Jan-98	ST. LIGHT RELAY	MP1998 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	31-Dec-98	ST. LIGHT RELAY	RELAY,LIGHTING,120/240V,60A,SINGLE POLE	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-00	ST. LIGHT RELAY	MP2000 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Sep-09	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	13
E373.00-Street Lighting / Signal Sy	1-Jun-10	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	75
E373.00-Street Lighting / Signal Sy	30-Nov-10	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	2
E373.00-Street Lighting / Signal Sy	1-Aug-11	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	39
E373.00-Street Lighting / Signal Sy	1-Sep-11	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	1
E373.00-Street Lighting / Signal Sy	30-Sep-11	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	1
E373.00-Street Lighting / Signal Sy	1-Nov-11	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-14	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	1
E373.00-Street Lighting / Signal Sy	1-Jun-14	SWITCHES - CUTOUT	SWITCHES (CUTOUT) (EACH) (07630)	KY	43
E373.00-Street Lighting / Signal Sy	1-Jan-41	TRANSFORMER .5KVA S L	MP1941 Street Lighting and Signal Systems	KY	38
E373.00-Street Lighting / Signal Sy	1-Jan-42	TRANSFORMER .5KVA S L	MP1942 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-43	TRANSFORMER .5KVA S L	MP1943 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-44	TRANSFORMER .5KVA S L	MP1944 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-46	TRANSFORMER .5KVA S L	MP1946 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-47	TRANSFORMER .5KVA S L	MP1947 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-48	TRANSFORMER .5KVA S L	MP1948 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-49	TRANSFORMER .5KVA S L	MP1949 Street Lighting and Signal Systems	KY	1
E373.00-Street Lighting / Signal Sy	1-Jan-51	TRANSFORMER .5KVA S L	MP1951 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-52	TRANSFORMER .5KVA S L	MP1952 Street Lighting and Signal Systems	KY	5
E373.00-Street Lighting / Signal Sy	1-Jan-53	TRANSFORMER .5KVA S L	MP1953 Street Lighting and Signal Systems	KY	8
E373.00-Street Lighting / Signal Sy	1-Jan-54	TRANSFORMER .5KVA S L	MP1954 Street Lighting and Signal Systems	KY	3

Kentucky Utilities Company
Distribution Street Lighting and Signal Systems E373.00
as of December 2016

<u>Plant Account</u>	<u>Year</u>	<u>Retirement Unit</u>	<u>Retirement Unit Asset Description</u>	<u>State</u>	<u>Quantity</u>
E373.00-Street Lighting / Signal Sy	1-Jan-56	TRANSFORMER .5KVA S L	MP1956 Street Lighting and Signal Systems	KY	9
E373.00-Street Lighting / Signal Sy	1-Jan-57	TRANSFORMER .5KVA S L	MP1957 Street Lighting and Signal Systems	KY	9
E373.00-Street Lighting / Signal Sy	1-Jan-58	TRANSFORMER .5KVA S L	MP1958 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-59	TRANSFORMER .5KVA S L	MP1959 Street Lighting and Signal Systems	KY	9
E373.00-Street Lighting / Signal Sy	1-Jan-60	TRANSFORMER .5KVA S L	MP1960 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-62	TRANSFORMER .5KVA S L	MP1962 Street Lighting and Signal Systems	KY	8
E373.00-Street Lighting / Signal Sy	1-Jan-63	TRANSFORMER .5KVA S L	MP1963 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jan-64	TRANSFORMER .5KVA S L	MP1964 Street Lighting and Signal Systems	KY	7
E373.00-Street Lighting / Signal Sy	1-Jan-65	TRANSFORMER .5KVA S L	MP1965 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-61	TRANSFORMERS - STREET LIGHTING	MP1961 Street Lighting and Signal Systems	KY	119
E373.00-Street Lighting / Signal Sy	1-Jan-62	TRANSFORMERS - STREET LIGHTING	MP1962 Street Lighting and Signal Systems	KY	18
E373.00-Street Lighting / Signal Sy	1-Jan-63	TRANSFORMERS - STREET LIGHTING	MP1963 Street Lighting and Signal Systems	KY	203
E373.00-Street Lighting / Signal Sy	1-Jan-64	TRANSFORMERS - STREET LIGHTING	MP1964 Street Lighting and Signal Systems	KY	93
E373.00-Street Lighting / Signal Sy	1-Jan-65	TRANSFORMERS - STREET LIGHTING	MP1965 Street Lighting and Signal Systems	KY	249
E373.00-Street Lighting / Signal Sy	1-Jan-66	TRANSFORMERS - STREET LIGHTING	MP1966 Street Lighting and Signal Systems	KY	34
E373.00-Street Lighting / Signal Sy	1-Jan-67	TRANSFORMERS - STREET LIGHTING	MP1967 Street Lighting and Signal Systems	KY	49
E373.00-Street Lighting / Signal Sy	1-Jan-68	TRANSFORMERS - STREET LIGHTING	MP1968 Street Lighting and Signal Systems	KY	2
E373.00-Street Lighting / Signal Sy	1-Jan-69	TRANSFORMERS - STREET LIGHTING	MP1969 Street Lighting and Signal Systems	KY	3
E373.00-Street Lighting / Signal Sy	1-Jan-70	TRANSFORMERS - STREET LIGHTING	MP1970 Street Lighting and Signal Systems	KY	4
E373.00-Street Lighting / Signal Sy	1-Jun-11	UNINTERRUPTIBLE POWER SUPPLY	UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM	KY	1

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 66

Responding Witness: John J. Spanos

- Q-66. Please refer to Exhibit JJS-KU-1. How well does the street lighting survivor curve compare with the actual replacement of lights tracked under KU's Lighting Service tariff? Quantify the response by providing the number of lights replaced each year relative to the cumulative number of lights installed in that year.
- A-66. There has not been an analysis performed to compare street lighting survivor curve to the actual replacement of lights tracked under KU's Lighting Service tariff. The street lighting survivor curve establishes life characteristics of all street lighting assets which is more than the lights. The survivor curve does accurately monitor the dollars being added and replaced.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 67

Responding Witness: Robert M. Conroy

- Q-67. Does the LFUCG continue to pay for KU's cost of installing or acquiring the street light beyond the depreciable life basis of the street light?
- A-67. The rates for lighting applications include the carrying charges, distribution energy costs, and operation and maintenance expenses. The monthly rate reflects the replacement of the lights and associated equipment after they have reached their useful lives.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 68

Responding Witness: William S. Seelye

Q-68. Please provide the net present value of materials in service for each rate code in the street-lighting (RS and RLS) classifications.

A-68. The Company does not record plant costs by lighting type (rate code).

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 69

Responding Witness: William S. Seelye

- Q-69. For each rate code in the street-lighting classifications, please provide the number of street lights in service and the average amount of time street light units within each rate code have been in service.
- A-69. The number of lights in service by month for the Base Period of the rate case are shown in the Att_KU_PSC_1-53_ElecScheduleM_Base.xlsx Excel spreadsheet (12MonLights tab) provided in response to PSC 1-53. The Company does not track the average amount of time that street light units have been in service by rate code.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 70

Responding Witness: John K. Wolfe

Q-70. Does KU anticipate utilizing new technology to capture savings potential in the installation, rehabilitation, and maintenance of street lights? Please describe in detail how KU plans to implement cost and energy saving measures (i.e. retrofitting old installations or introducing new technology)?

A-70. At this time, KU does not anticipate a program to perform retrofitting of old installations.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 71

Responding Witness: John P. Malloy

Q-71. Provide a list of any and all municipalities in which KU has converted street lights to LED technology.

A-71. KU has not converted any municipalities to LED technology.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 72

Responding Witness: John K. Wolfe / William S. Seelye

Q-72. Please refer to the worksheet entitled "KU RATE SUMMARY" in the Excel workbook named "Att_KU_PSC_1-54_KULights.xlsx" that was filed in response to Item 54 of the Commission Staff's first request for information. Refer to the comment associated with cell BU21.

- a. Initially, the comment indicates, "better photocell to last +10 years therefore no O & M" and "Normally 1 photocell and 1 bulb changed out every 6 years @ \$31/hour x 2 man crew." Does this comment reflect that KU need not include O & M costs to replace a photocell? Please explain.
 - b. An update states, "Add in O & M since we must leave depreciation at 26 years." Please explain why O & M must be included if depreciation is left at 26 years.
 - c. Please state whether depreciation for LED lights in KU's system is set at 26 years. If not, please explain what the depreciation rate for LED lights is.
 - d. Please state whether the estimated investment per unit for street lights is depreciated at an equivalent rate as stated above.
 - e. The comment also states, "2 man crew changing photocell every 13 years" and "1 new fixture every 13 years."
 - (1) Please explain what a photocell is.
 - (2) Please explain what a fixture is.
 - (3) Please state whether KU agrees that a photocell and a fixture must be changed in LED lights on average once every 13 years.
- A-72. a. No, KU includes O & M expenses to replace a photocell. The comment also includes the wording "Add in O & M since we must leave depreciation at 26

years. 2 man crew changing photocell every 13 years. 1 new fixture every 13 years.”

- b. The Company incurs depreciation expenses on the original cost of the property regardless of the need for maintenance expenses over the life of the property. Operation and maintenance expenses (“O&M”) cover a new photocell and a new fixture.
- c. Yes. Depreciation for LED lights in KU’s system is set at 26 years, which is the average service life for the property group.
- d. Yes. See response to part c.
- e.
 - (1) A photocell is an electronic control containing a sensor that detects light and turns the light fixture on as it senses less available light (usually around dusk) and turns the light fixture off when it senses more light (usually around dawn). The photocell usually is plugged into the top of the fixture with a twist and lock connector.
 - (2) A lighting fixture is the part of the light that is attached to a pole or arm where a bulb or other lighting element is installed.
 - (3) The average of 13 years used for a photocell and fixture replacement was recommended by manufacturers.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 73

Responding Witness: Robert M. Conroy

Q-73. On page 56 of Robert Conroy's testimony, he states that "the average service life for an LED fixture is expected to be lower." If KU estimates that bulbs for conventional lights must be replaced every 6 years and LED lamp must be replaced every 13 years, explain why Mr. Conroy states that the average service life for an LED fixture is expected to be lower.

A-73. The average service life of an LED fixture is 13 years and the LED technology requires the entire fixture be replaced. Said fixture includes the housing, light emitting diodes, the current controller, and the photocell.

The average service life of Lighting Service ("LS") offerings is 26 years, with the bulb and photocell being replaced on an average of every six years and the fixture only being replaced every 26 years.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 74

Responding Witness: John P. Malloy

- Q-74. State whether, since 2013, KU has partnered with any municipalities or entities other than LFUCG to acquire experience in new technologies, including LED lights. If so, please identify the municipalities and the nature of the project.
- A-74. Since 2013, KU has not partnered with any municipalities or entities other than LFUCG to acquire experience in new technologies, including LED lights.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 75

Responding Witness: John P. Malloy

- Q-75. Please describe the LED pilot project KU had with LFUCG. Also, please describe any conclusions KU formulated based on this LED pilot project.
- A-75. Three separate LED pilot projects were initiated by KU in Lexington from 2011-2012: Triangle Park, Thoroughbred Park, and Phoenix Park. A total of 47 fixtures, and 27 poles were installed at a total project cost of \$45,910.80. All assets were transferred one year after final construction per agreement reached between KU and LFUCG. No post assessment has been completed.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 76

Responding Witness: John P. Malloy

Q-76. Provide copies of any reports, studies, analyses, summaries, or other documents or publications on which KU's LED pilot project(s) was discussed.

A-76. No post assessment was completed.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 77

Responding Witness: John P. Malloy

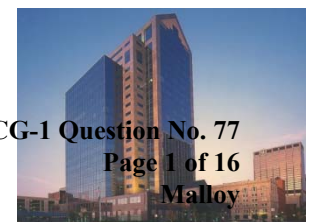
- Q-77. Please describe any stakeholder or consumer advisory group meetings at which KU discussed LED lighting. Include all materials, reports, studies, analyses, summaries, or other documents that were distributed or discussed at these meetings. (For example, in PSC Case No. 2016-00274, John Malloy testified that KU and LG&E convene a Consumer Advisory Panel, and David Huff presented information on December 3, 2015, to that group on new consumer products that included LED lighting.)
- A-77. The only consumer advisory meeting where LED lights were discussed is the meeting referenced in your question. See attached.



PPL companies

New Customer Products

***David Huff, Director
Customer Energy Efficiency & Smart Grid Strategy
December 3, 2015***



Agenda

- *Electric Vehicle Charging Stations*
- *Solar & Distributed Generation*
- *LED Street Lights*

Forward looking...



*Electric Vehicle
Charging Stations*



*Solar & Distributed
Generation*

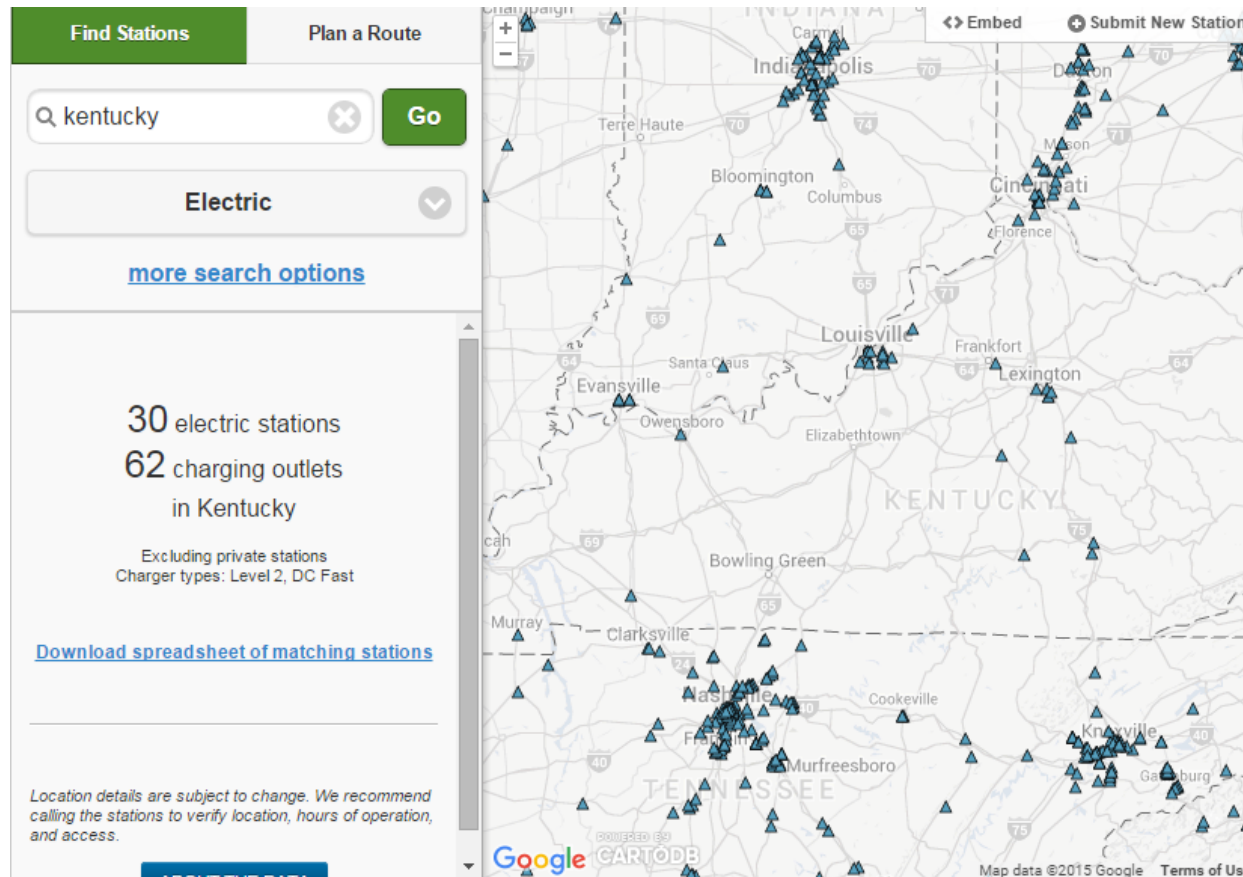


LED Street Lights

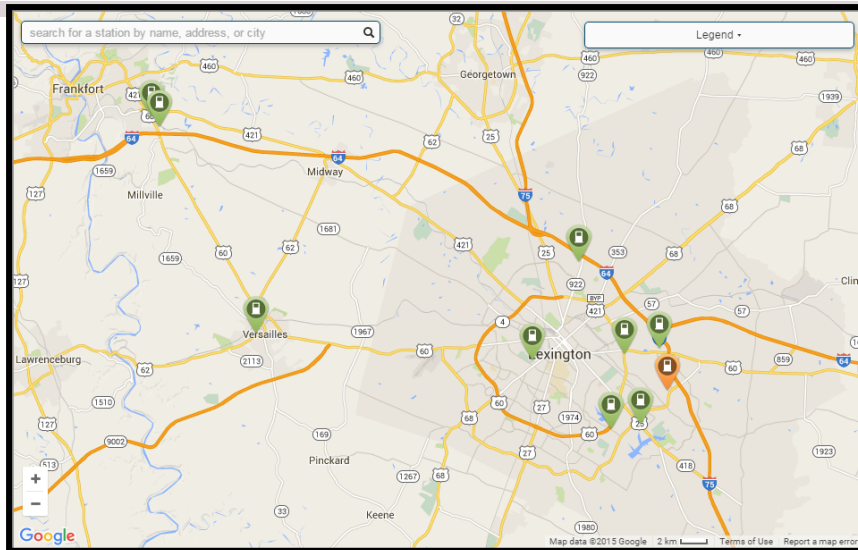
Electric Vehicle Charging Stations

EVSE Background

- *State map from DOE. 30 stations with 62 outlets in Kentucky*

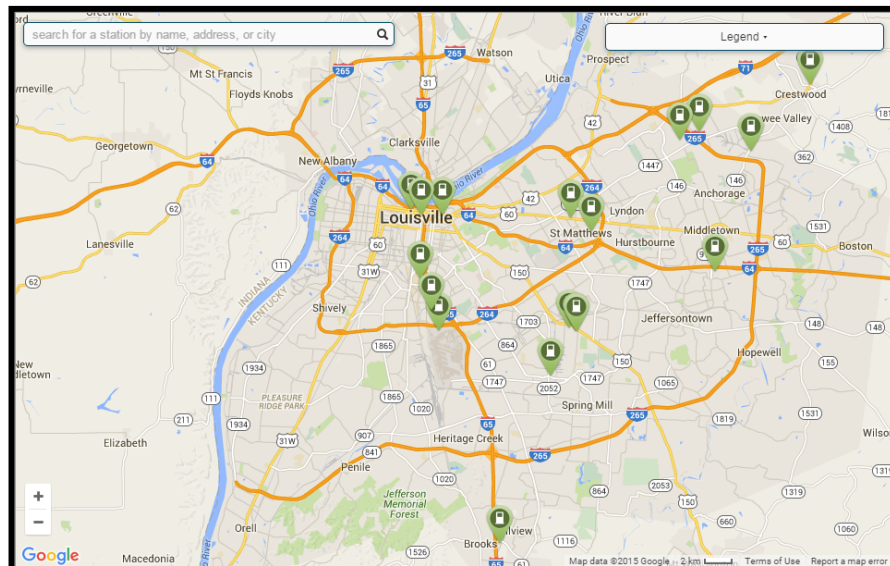


Charging Station Locations



Lexington/Frankfort Area

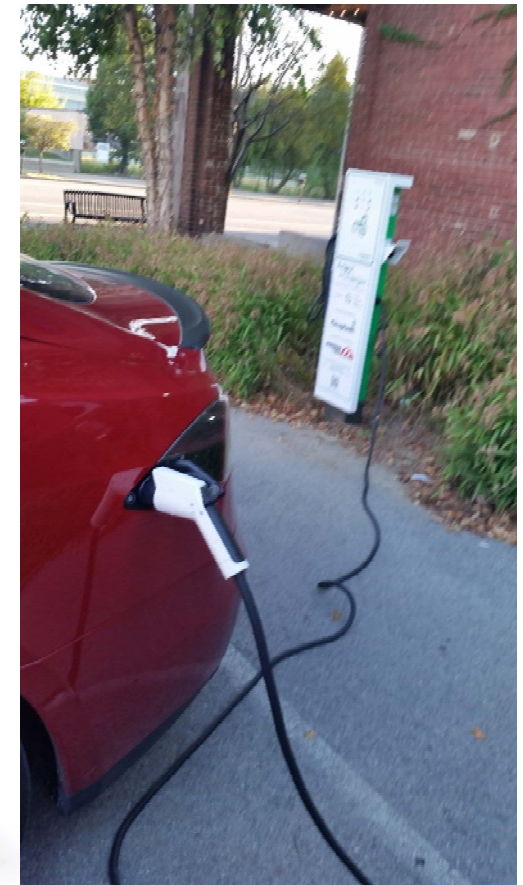
- 10 charging stations
- Brown icon is a "Fast Charge" station



Louisville Area

- 18 charging stations

Alternative Transportation



EVSE Strategy

- *Provide commercial customers with electric vehicle charging services to meet their needs*
- *Commercial Customer Segments*
 - *Desire EV charging stations to enhance their retail operations*
 - *Desire EV charging stations for community support of sustainability*

EV Charging Products

Tariff / Rider	Branding	Charging Price	Monthly EV Host Charge
<i>EVC Utility Host</i>	<i>LGE / KU</i>	<i>LGE \$2.85 per hour KU \$2.88 per hour Plus adder for install costs</i>	<i>N/A</i>
<i>EVSE Commercial Host</i>	<i>Co-Branded</i>	<i>Host determined</i>	<i>LGE / KU Single - \$176.13 / \$180.83 Dual - \$293.10 / \$302.41 Plus installation costs</i>
<i>EVSE-R Commercial Host (rider for behind the meter service)</i>	<i>Co-Branded</i>	<i>Host determined</i>	<i>LGE / KU Single - \$132.49 / \$132.68 Dual - \$205.83 / \$206.11 Plus installation costs</i>

Station Branding

*Utility
Branded*



*Co-Branded
with Utility
and Site Host*



Solar & Distributed Generation

E.W. Brown Solar



Current Landscape

Issue: Customers want to have *visible* (on-site) renewable generation for multiple reasons...

- Position business as “green”
- Lessen their Carbon footprint
- Reduce bill
- Photo-ops

We engage where the customer wants to go by figuring out how to enter into new relationships with them in their space.

Solution? Offer interested business customers a utility-owned renewable distributed generation facility.

Renewable Energy Options



- *Net Metering – up to 30 kw*
- *Small Qualifying Facility (SQF) – up to 100 kw*
- *Large Qualifying Facility (LQF) – Over 100 kw*

LED Street Lights

LED Street Light Samples



KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 78

Responding Witness: John K. Wolfe

- Q-78. On a lumen basis, there are no direct replacements for the most common streetlight fixtures used in Lexington. Does KU consider any of the new LED fixtures a direct replacement for these rate codes in a street lighting application? For each new LED rate, please identify the "conventional" fixture that it would replace.
- A-78. LED lights can provide the same effective lighting and are considered alternatives, but not equivalents to conventional HID lighting. The HID rate code with LED recommended alternatives are shown below:

High Pressure Sodium			Alternative Light Emitting Diode (LED)		
Rate Code	Type of Fixture	Approximate Lumens	Rate Code	Type of Fixture	Approximate Lumens
463	Cobra Head	9500	390	Cobra Head	8179
464	Cobra Head	22000	391	Cobra Head	14166
465	Cobra Head	50000	392	Cobra Head	23214
468	Colonial	9500	399	Colonial, 4-Sided	5665
473	Cobra Head	9500	396	Cobra Head	8179
474	Cobra Head	22000	397	Cobra Head	14166
475	Cobra Head	50000	398	Cobra Head	23214
428	Open Bottom	9500	393	Open Bottom	5007

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 79

Responding Witness: John K. Wolfe

- Q-79. More broadly, please describe the most beneficial way for Lexington to update its street lighting. Consider rate code 471 as an example. Lexington spends more than a half million dollars each year under this rate code which is restricted, meaning that no additional lights will be installed. The proposed rate is 20% higher because of declining volumes and higher costs, yet the impact falls on accumulation of lights already installed. On the surface, Lexington would save money by asking for all 4,000 lumen fixtures to be replaced with the cheaper 5,800 lumen option (0% increase; not restricted service).
- A-79. For Lexington to benefit from updating its cost for street lighting, a rate comparison would need to be performed on all restricted lights (RLS rate), such as the 471 rate code. Comparable or more desirable lighting services in lumen output and streetlight type for each of the restricted lights would need to be determined that could be exchanged to a non-restricted, lighting service (LS) rate.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 80

Responding Witness: John K. Wolfe

Q-80. Please provide supporting documentation for the eight proposed LED rates in a side-by-side life-cycle comparison with their HPS/MH equivalent.

A-80. LED lights can provide the same effective lighting and are considered alternatives, but not equivalents to conventional HID lighting. The HID rate code with LED recommended alternatives are shown below:

High Pressure Sodium			Alternative Light Emitting Diode (LED)		
Rate Code	Type of Fixture	Approximate Lumens	Rate Code	Type of Fixture	Approximate Lumens
463	Cobra Head	9500	390	Cobra Head	8179
464	Cobra Head	22000	391	Cobra Head	14166
465	Cobra Head	50000	392	Cobra Head	23214
468	Colonial	9500	399	Colonial, 4-Sided	5665
473	Cobra Head	9500	396	Cobra Head	8179
474	Cobra Head	22000	397	Cobra Head	14166
475	Cobra Head	50000	398	Cobra Head	23214
428	Open Bottom	9500	393	Open Bottom	5007

LED lighting options are being offered to satisfy customer interest as well as requirements by the Energy Independence and Security Act to eliminate certain fixtures types that do not meet energy efficiency requirements. The energy efficiency requirements can be met using LED options with lighting similar to conventional lighting options no longer available. A life cycle analysis comparing the overall cost for the life of LEDs versus existing lights was not performed.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 81

Responding Witness: John K. Wolfe

- Q-81. Please explain in detail how KU determined the appropriate wattages for its LED street light offerings. Within your response, please state why the KU is not offering an LED Cobra lighting luminaire lower than 80 watts.
- A-81. KU worked in conjunction with lighting manufacturers to develop alternative LED options that will provide the same effective lighting as HID options. The LED options were chosen in order to match some of our most popular HID sizes. 5,800 lumen (83 watt) HPS offerings will remain available.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 82

Responding Witness: John K. Wolfe

Q-82. Does KU own all of the poles in Fayette County for which it supplies electricity for the lighting on said poles?

A-82. No. Some street lights are installed on joint-use partner-owned poles (Windstream).

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 83

Responding Witness: John K. Wolfe / Robert M. Conroy

- Q-83. Are any of KU's poles used for both street lighting and any other purpose (e.g., cable attachments, electric distribution, electric transmission)? If so, are all street lights that are on poles that are also used for other purposes billed under a "fixture only" rate code? If not all such lights are billed under a "fixture only" rate code, please provide the following information:
- a. Within each rate code, the number of street-light poles for which LFUCG pays a monthly rate under the LS or RLS rate classifications that serve another purpose.
 - b. Within each rate code, the number of street-light poles for which any KU customer within KU's Kentucky jurisdictional operations pays a monthly rate under the LS or RLS rate classifications that serve another purpose.
 - c. Within each rate code, the number of street-light poles for which any KU customer within KU's entire system pays a monthly rate under the LS or RLS rate classifications that serve another purpose.
 - d. Identify the other purpose or purposes that these poles serve.
 - e. Explain how the various cost components of the above-mentioned poles (including installation) are allocated to the customers that benefit from the asset.
- A-83. Yes, street lights may be installed on electric distribution poles and transmission poles and there may be third party attachment or joint use partner attachments on the poles. No, not all such street lights are billed under a fixture only code.
- a. This information is not tracked.
 - b. This information is not tracked.
 - c. This information is not tracked.

- d. In locations where a third-party attachee has made an attachment to a wood pole in public ROW requested by LFUCG, the lights are not billed under a “fixture only” code. KU has also installed routers on some street light poles for the AMI (Advanced Metering Infrastructure) project.
- e. See the response to Question No. 84.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 84

Responding Witness: William S. Seelye

- Q-84. Please explain whether the revenues received from pole attachments offset expenses. Are the revenues received from pole attachments applied to the poles themselves or are they applied to the revenue requirement generally for KU?
- A-84. The revenues received from pole attachments are not applied to the poles themselves; rather, they are recorded as miscellaneous service revenues which are allocated as a revenue credit to all customer classes in the Company's cost of service study. Pole attachment revenues therefore offset the cost of providing service to customers receiving standard electric service.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 85

Responding Witness: Robert M. Conroy / Valerie L. Scott

Q-85. Does KU derive any rental or other income related to the use of or attachment to utility poles or other fixtures located within the public right-of-way?

a. If so, please provide a detailed breakdown of the annual rents or other income received from any third parties attributable to these types of properties.

b. If possible, further provide a breakdown within Fayette County, Kentucky.

c. Is this income considered revenue by KU; and if so, how is it allocated?

A-85. Yes. KU receives rental income from third party attachments to its poles, whether the poles are located within the public right-of-way or are located elsewhere.

a. Total Kentucky Jurisdiction pole attachment revenue recorded in 2016 was \$1,107,376.

b. KU does not track pole attachment revenue by the location of the poles, and does not have the detailed information requested.

c. Yes. Revenues received from pole attachments serve as a credit towards the cost of providing service to customers. See the response to Question No. 84.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 86

Responding Witness: Robert M. Conroy

- Q-86. Please refer to proposed tariff sheet 40.3. KU is proposing to change the Attachment Agreement term from one year to ten years. Please explain why a ten-year term of service is reasonable.
- A-86. The proposed PSA Rate Schedule will be applicable to CATV systems and to telecommunications carriers. Previously the telecommunications carriers attached to Company structures pursuant to a license agreement. The term of those license agreements was generally ten years. KU revised the period to 10 years to reflect its longstanding practice with telecommunications carriers.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 87

Responding Witness: Robert M. Conroy

Q-87. Please refer to proposed tariff sheet 40.15. It states that the Attachment Customer shall bear all costs for removal. Please state whether it is KU's position that the Attachment Customer will be expected to bear all costs for removal if it is KU that demands removal of the Attachment Customer's attachments.

A-87. If the Attachment Customer Agreement is terminated as provided in Attachment Term and Condition 20, the Attachment Customer bears sole responsibility for the cost of removing its attachments. The Attachment Customer has located its equipment on the KU Structure with a clear understanding of the conditions of attachment. KU is merely providing space on its pole for a stated period of time and under specified conditions. The equipment attached to the structure is used solely for the Attachment Customer's business enterprise and does not aid or assist in the provision of electric service. Its installation and removal are solely the responsibility of the Attachment Customer.

KU's position is analogous to the owner of an apartment building. The owner provides a space - an apartment - for the renter to live and locate his or her furniture and personal effects. The apartment building owner has no responsibility for moving the renter's goods into the building. When the rental agreement terminates, the apartment building owner has no responsibility for moving the renter's furniture and personal effects from the apartment or paying for the movers to move the furniture and personal effects. That responsibility lies solely with the renter.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 88

Responding Witness: Robert M. Conroy

- Q-88. Please state whether KU has provided any cost justification for the proposed 3-percent late payment penalty for pole attachment fees, and if so, identify where that information has been provided.
- A-88. KU did not provide in its application any cost support for the proposed three percent late payment fee for Attachment Customers. The Commission, however, has authorized KU to assess a three percent late payment fee on most KU customers since January 1, 2013. *See Application of Kentucky Utilities Company for an Adjustment of Its Electric Rates*, Case No. 2012-00221 (Ky. PSC Dec. 20, 2012). The proposed late payment fee merely extends the existing fee to Attachment Customers and establishes the same incentive for prompt and timely payment that currently exists for most other KU customers.

KU reviewed the filed rate schedules of the 23 retail electric suppliers that the Commission regulates. Of these, 11 retail electric suppliers assess a late payment fee of five percent on attachment customers, 8 retail electric suppliers assess a late payment fee of ten percent, and one charges interest on late payments from attachment customers. Only KU, Louisville Gas and Electric Company and Fleming Mason RECC do not assess a late payment fee. The imposition of a late payment fee is common among Commission-regulated utilities. A Commission survey of all jurisdictional utilities conducted in 2012 indicated that "87.6 percent of all non-telecommunications utilities subject to Commission jurisdiction assess a late payment fee and that 94 percent of these utilities assess a late payment fee of five percent or more of the amount owed." *Tariff Filing of Kentucky-American Water Company to Establish A Late Payment Fee*, Case No. 2012-00155 (Ky. PSC Nov. 1, 2012) at 5.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 89

Responding Witness: Robert M. Conroy

- Q-89. Please refer to proposed tariff sheets 40.5 and 40.10, which indicate that KU may waive a written application for pole attachments and wireless facilities. Please state the conditions or circumstances under which KU would consider waiving the need for a written application for pole attachments and wireless facilities.
- A-89. The waiver provision is intended to address an unusual circumstance in which KU had adequate information to assess a proposed attachment and the cost or delay related to the filing of an application would exceed any benefit from the filing of an application.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 90

Responding Witness: Robert M. Conroy

- Q-90. Please refer to proposed tariff sheet 40.11. Please state whether there are costs in joining the National Joint Utilities Notification System, and if so, what those costs are.
- A-90. KU and Louisville Gas and Electric Company (LG&E") pay \$5,123 for their joint membership in for their joint membership in National Joint Utilities Notification System ("NJUNS"). KU is responsible for 57 percent of this cost or \$2,920. Only KU and LG&E pays for using NJUNS. Attachment Agreement Customers do not incur any costs to join NJUNS. NJUNS provides software that allows its members to communicate and track field workflow regarding joint utility ventures: joint pole administration, joint trench coordination, oversize load move coordination and large project notification.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 91

Responding Witness: Robert M. Conroy

- Q-91. Please refer to proposed tariff sheet 40.11. Please explain why it is reasonable to require an Attachment Customer to utilize a different web-based system if KU elects to use a system other than the National Joint Utilities Notification System, even if it has not been approved by the Attachment Customer or the Public Service Commission.
- A-91. KU has determined that NJUNS is currently the most cost-effective and efficient system available to meet its needs in tracking and managing the placement of attachments to its poles and other structures. Should another tracking system appear that is more cost-effective and efficient, and that would better enable KU to track and manage attachments, KU needs the flexibility and authority to migrate to such system and to require Attachment Customers to accommodate such transition. Should KU elect to migrate to another system, it would provide Attachment Customers advance notice of such migration. Any decision to migrate to another tracking system would not be made without first giving serious consideration to any expense or burdens the migration might imposed upon Attachment Customers.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 92

Responding Witness: Robert M. Conroy / Daniel K. Arbough

- Q-92. Please refer to proposed tariff sheets 40.16 and 40.17.
- a. Explain why KU is demanding Attachment Customers to increase substantially their insurance coverages.
 - b. State the number of times in 2014, 2015, and 2016 an Attachment Customer (to KU's knowledge) filed a claim with its insurance company related to a claim associated with a KU pole or affiliated attachment. Include within this information the number of claims that exceeded the minimum limits that are currently required by KU's current tariff.
 - c. State the number of times in 2014, 2015, and 2016 KU (or its insurance company) filed a claim with an Attachment Customers' insurance company related to a claim associated with a KU pole or affiliated attachment. Include within this information the number of claims that exceeded the minimum limits that are currently required by KU's current tariff.
- A-92.
- a. The insurance coverage provisions set forth in the current CTAC Rate Schedule have been in effect since KU established its rules for cable television attachments on January 1, 1984. The proposed increase in insurance coverages reflects the effects of inflation and is intended to restore the level of protection that existed when the rules were originally established.
 - b. KU does not have knowledge as to whether its Attachment Customers have filed claims with their insurance companies related to a claim associated with a KU pole or affiliated attachment.
 - c. The number of times in 2014, 2015, and 2016 KU (or its insurance company) filed a claim with an Attachment Customers' insurance company related to a claim associated with a KU pole or affiliated attachment is unknown. The information is not collected in a manner that specifies claims related to poles and attachments.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 93

Responding Witness: Daniel K. Arbough

- Q-93. Refer to proposed tariff sheet 40.18. State the number of times over the last three years that KU was financially damaged or injured as a result of the absence of a surety bond by a Cable Television Attachment customer or prospective customer. Please provide a detailed description of how much KU asserts it was damaged and whether it had remedies to recoup these damages.
- A-93. In 2014-2016, KU experienced no losses due to default on payment for cable attachments.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 94

Responding Witness: John P. Malloy

- Q-94. Please confirm that all proposed rates under the PSA rate classification (\$7.25 per year for each wireline pole attachment, \$0.81 per year for each linear foot of duct, and \$84.00 per year for each Wireless Facility) collected from non-LFUCG customers inside Fayette County are subject to KU's franchise agreement with LFUCG.
- A-94. Rates under the PSA rate classification are not subject to KU's franchise agreement with LFUCG. In accordance with the franchise agreement, KU pays a franchise fee based on revenues received from electric service, not revenues received from pole attachments.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 95

Responding Witness: John P. Malloy

Q-95. How many customers are in Lighting Energy Service?

A-95. The Company has four Lighting Energy Service contract accounts in its service area.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
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Question No. 96

Responding Witness: William S. Seelye

Q-96. Please explain why the rates for Lighting Energy Service were not raised?

A-96. The rate of return for Lighting Energy Service from the cost of service study did not support a rate increase.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 97

Responding Witness: John P. Malloy

Q-97. Please provide the number of net metering customers in KU's territory.

A-97. The number of net metering customers in KU's territory is 145.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 98

Responding Witness: John P. Malloy

Q-98. Please provide the number of rooftop solar facilities in KU's territory.

A-98. KU does not know the total number of rooftop solar facilities in its service territory; some KU customers may have rooftop solar facilities but not have a rate arrangement with KU to allow KU to know of the facilities' existence. There are 141 KU net metering customers with solar.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 99

Responding Witness: John P. Malloy

Q-99. Please provide the number of electric vehicles in KU's territory.

A-99. KU does not have an exact number. KU utilizes EPRI to gather the information from access they have to registration data. As of June 2016, there were a total of 408 plug-in electric vehicles (BEV, PHEV, EREV) in the counties served by KU. Please note that in many of these counties, KU does not serve the whole county. Registration data is by county. Thus, there may be less than 408 plug-in EVs in KU's service area.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 100

Responding Witness: John P. Malloy

Q-100. How many customers in KU's territory have a wind turbine?

A-100. KU does not know the total number of customers with wind turbines in its service territory; some KU customers may have wind turbines but not have a rate arrangement with KU to allow KU to know of the turbines' existence. There are 5 KU net metering customers with wind turbines.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 101

Responding Witness: John P. Malloy

Q-101. Refer to Robert Conroy's testimony at page 20, starting on line 12. Conroy references agreements that have or may be entered into by KU whereby KU provides unmetered service that is billed on calculated consumption based on the kind of equipment being served. Provide each contract for current and future unmetered service.

A-101. In the KU service territory, there are 54 customers billed unmetered general service with calculated consumption. The Company makes no projections for future unmetered services.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 102

Responding Witness: John P. Malloy

Q-102. In his testimony, John Malloy mentions the web portal that is associated with the advanced metering system.

- a. Will the web portal provide the ability to group accounts, to avoid individual login requirements?
- b. Will the web portal allow for batch download of interval data from more than one account at a time?
- c. Will the web portal allow for API integration to automate downloads?

A-102. a. Yes.

- b. Not at this time.
- c. Not at this time.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 103

Responding Witness: John P. Malloy

Q-103. Do any of the advanced meters contain output capabilities supplemental to the encrypted communication network used by KU? Please state whether KU is amenable to allowing customers to retrieve data directly from such outputs, to integrate with customer-owned building automation systems.

A-103. Yes, specific models of advanced meters are capable of providing pulse data directly to customer-owned building automation systems. Each of these would need to be evaluated on a case-by-case basis to ensure the meter meets the customer's requirements. See KU Tariff Sheet 45, Meter Pulse Charge.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 104

Responding Witness: John K. Wolfe

Q-104. What are KU's current policies, procedures, practices, and/or guidelines pertaining to the trimming and/or removal of street trees (and/or removal of street trees (and other trees effecting utility lines) in Fayette County that might potentially interfere with service?

A-104. Tree trimming schedules are based on vegetation growth, cycle-last trim date, reliability data, and visual inspections. Tree removals are addressed on a situational basis and by land owner permission.

All tree trimming is governed by approved principles of modern arboriculture and adheres to International Society of Arboriculture (ISA) standards, as well as local tree ordinances and codes.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 105

Responding Witness: John P. Malloy

Q-105. Please describe in detail all policies, procedures, and protocol related to electronic data interchange (EDI) billing for major account customers.

A-105. The Company has a robust process related to EDI billing.

1. Discuss and meet with customer to explain EDI extensively. Typically, this requires several discussions. Customers with collective (summary) billing must be removed from collective billing for the EDI 810 service.
2. Company shares our EDI web site and discusses details of EDI and the EDI process. The EDI web site is to be included as part of our LG&E/KU web page.
 - a. <http://xebecdata.com/lge-ku/overview.php?hub=LGE-KU>
 - b. Customer data is entered within the EDI web site and the Trading Partner Agreement is created
 - c. <https://eclynx.net/lge-ku/testingpurchase.php?hub=LGE-KU>
3. Provide Trading Partner Agreement for customer approval.
4. Customer returns a completed and signed TPA (Trading Partner Agreement). This document and all documents are kept in a dedicated secure filing system.
5. Customer, normally with assistance from our company, creates a customer account list for EDI bill transmission. Our EDI web site is used for this process and the list is sent through our EDI web site. The customer account list is called an Account List Form (AFL).
6. The AFL is submitted. We examine and test each account on the AFL list for validity.
7. A small number of the accounts on the AFL list are designated by our customer as TEST accounts. Using these test accounts, we provide both EDI 810 transmissions and paper billings for several months. We send both documents for a reasonable length of time allowing for the customer's testing and mapping processes. We address customer questions and provide assistance.
8. The final approval process:

- a. Agreement with our customer that they are ready for EDI and the paper billing to cease. This is affirmed with an email.
 - b. We ask for a confirmation from our consultant, XEBEC, that they are ready to convert to EDI on behalf of our customer. We get this agreement with an email. We pay a fee for EDI transmissions to our consultant. These costs are monitored and balanced each month.
 - c. EDI Manager examines the performance of the testing process and determines if this customer is ready for EDI. Also, we consider if we are ready for EDI with this customer. This is confirmed with an email.
9. A billing conversion process begins and focuses on moving the customer accounts to EDI billing. Paper billing is ceased.
 10. After EDI is in production, there is an ongoing process of adding and removing of accounts to the customer's AFL list. This is accomplished by contacting our EDI Management through a dedicated email box. There is the option of using our web site for this action but customers do not select this method.
 11. Many customers contract with a third party to manage their utility bills and payments. We obtain a customer's Letter of Authorization allowing for a third party to represent our customer. This document is numbered and retained with our secure filing. The EDI transmission process would then be with the third party bill utility manager.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 106

Responding Witness: Robert M. Conroy

- Q-106. Please refer to pages 27-28 of William Seelye's testimony. LFUCG's experience with new accounts is that contract capacities are determined by taking a percentage of the total load from a building's electrical load sheet which represents a theoretical, simultaneous maximum including engineering buffer factors. After a few months of operation, the contract capacity is adjusted based on actual load data. Given the use of both minimum demand and demand ratchet charges, the contract capacity clause in section (c) seems superfluous. Please state whether KU amenable to removing the contract capacity clause from PS Rates. If not, please explain.
- A-106. No, KU is not amenable to removing the contract capacity clause from PS Rate Schedule. KU is required to install facilities to service the customer's maximum demand based upon contracts and data load sheets. A utility's transmission and distribution fixed costs are correlated to the customers' maximum demands, not their average monthly demands. Generation fixed costs are correlated to customer demands at the time of the system peak. Because demand-related fixed costs do not disappear when customers have lower demand during the year, demand ratchets ensure that customers with month-to-month fluctuations in their demand pay an appropriate share of fixed costs. Typically with a bundled rate, such as KU's Rate PS, in which generation, transmission, and distribution fixed costs are recovered through a single demand charge, it is appropriate to see a demand ratchet to cover a portion of the fixed costs.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 107

Responding Witness: William S. Seelye

- Q-107. Please refer to page 36 of the testimony of William Seelye, in which he explains why KU is not proposing a 100% demand ratchet for the PS rate classification. Please explain why this same argument is not applicable to the base demand of Large Customer Rates when considering that the base period peak of KU's customers will not occur simultaneously.
- A-107. Rate PS has a bundled demand charge with production, transmission, and distribution demand-related costs recovered through a single demand charge. The demand charges for Rates TODS, TODP, RTS and FLS are unbundled charges with the Base Demand Charge recovering only transmission and distribution demand-related costs. The plant costs recovered through the Base Demand Charge relate to transmission and distribution facilities installed to meet the maximum demands of individual customers. The plant costs recovered through the Peak and Intermediate Demand Charges of Rates TODS, TODP, RTS and FLS relate to production facilities installed to meet demands during the Company's peak period. While it is appropriate to apply a 100 percent ratchet on transmission and distribution capacity costs, which are related to the maximum individual demands of customers, it would not be appropriate to apply a 100 percent ratchet for a bundled rate that includes generation capacity costs that are related to the Company's system demands and not the maximum demands of individual customers.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 108

Responding Witness: William S. Seelye

- Q-108. Please refer to page 41 of the testimony of John Spanos, in which he cites a surge in the installation of customer-owned renewable distributed generation as one reason for increasing the base demand ratchet to 100%. Please identify the applicable jurisdiction within KU's service territory and quantify the capacity of the distributed generation relative to the load provided by KU for that jurisdiction.
- A-108. Presumably the question addresses Mr. Seelye's testimony and not Mr. Spanos' testimony. Mr. Seelye's testimony was addressing the surge in distribution generation nationally. However, there has been an increase in distributed generation on KU's system as well. See the response to AG 1-296 for the distributed generation capacity in KU's Kentucky jurisdiction.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Lexington-Fayette Urban County
Government's First Request for Information
Dated January 11, 2017**

Question No. 109

Responding Witness: William S. Seelye

Q-109. Please refer to the table below, which shows the monthly unit cost for certain street lighting identified in the Excel workbook named "Att_KU_PSC_1-54_KULights.xlsx" that was filed in response to Item 54 of the Commission Staff's first request for information. It also shows the rates that KU is proposing to charge for each respective rate code. Please explain why it is reasonable for KU to charge a rate higher than the monthly unit cost for these rate codes.

Rate Class	Rate Code	Monthly Unit Cost	Proposed Rates
RLS	455	\$26.34	\$27.56
LS	496	\$62.08	\$65.28
LS	493	\$36.07	\$51.32
LS	490	\$13.69	\$17.45
LS	499	\$21.45	\$24.15
LS	498	\$15.60	\$19.84
LS	497	\$12.59	\$17.00
LS	492	\$11.74	\$17.12
LS	452	\$37.92	\$47.70
LS	451	\$18.18	\$22.80
LS	450	\$13.13	\$16.13
LS	489	\$20.74	\$21.95
LS	464	\$15.65	\$16.08

A-109. In order to limit the maximum increase for any light to 20%, it was necessary to increase these charges above the calculated unit cost. Had the 20% cap not been applied, then it would not have been necessary to increase the above-referenced rates above unit costs, while recovering the overall revenue increase for the class.