

-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)	

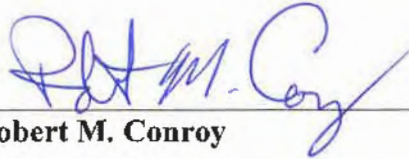
RESPONSE OF
KENTUCKY UTILITIES COMPANY
TO
SUPPLEMENTAL REQUEST FOR INFORMATION OF
KENTUCKY SCHOOL BOARDS ASSOCIATION (KSBA)
DATED FEBRUARY 6, 2017

FILED: FEBRUARY 20, 2017

VERIFICATION

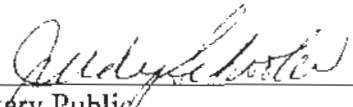
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

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 20th day of February 2017.



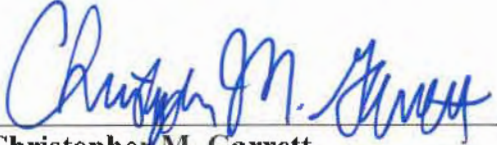
Notary Public (SEAL)

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

VERIFICATION

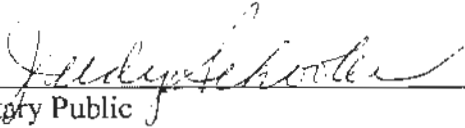
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **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 20th day of February 2017.

 (SEAL)

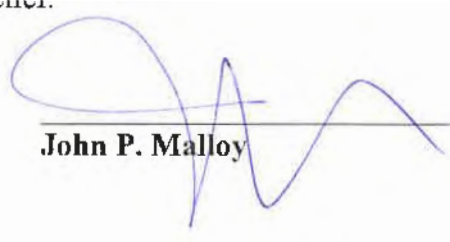
Notary Public

My Commission Expires:
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Notary ID # 512743

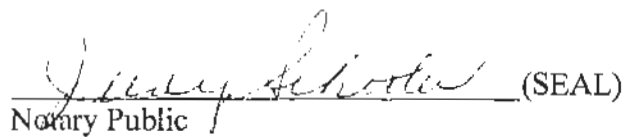
VERIFICATION

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 20th day of February 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

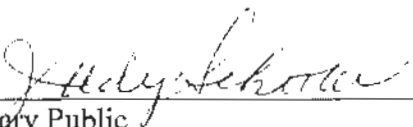
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **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 20th day of February 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 Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 1

Responding Witness: John P. Malloy

Q-1. Following the Commission Order in this proceeding authorizing the AMS program what is the earliest date an AMS meter can be installed and activated for billing purposes?

A-1. The earliest date an AMS meter is planned to be installed and activated for billing purposes through the AMS systems is by the beginning of 2019. However, as stated in the testimony of John P. Malloy at page 30, "Customers who desire to have an AMS meter installed ahead of the full deployment schedule for their area will be able to contact the Companies and request an accelerated installation, which requests the Companies will accommodate to the extent reasonable and feasible."

During the early stages of deployment, billing activities will continue to utilize the traditional processes currently in place which includes manual meter reading. Activation for billing over the AMS network is expected by the beginning of 2019, at which time installed AMS meters will be migrated to AMS billing processes currently being developed by the Company.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 2

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

- Q-2. Please cite cases and PSC Orders where operating expense recovery with a multi-year installation program such as the proposed AMS was included in a test period. Describe in detail the elements of those particular programs.
- A-2. The Company is aware of two such cases. Case No. 2013-00167 concerned a rate application for Columbia Gas of Kentucky, Inc. that used a forecasted test year (calendar year 2014) and assumed a full automated-meter reading (“AMR”) deployment in 2014 that was not actually completed until June 2015. The test year appears to have included operations and maintenance (“O&M”) expenses and assumed savings related to the deployed AMR meters.

Case No. 2015-00312 was a rate case for Kenergy that addressed its automated-metering infrastructure (“AMI”) deployment that was to occur in 2015-16. It appears Kenergy took into account in its cost of service certain assumed AMI-related O&M expenses and savings before the full AMI deployment was complete.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 3

Responding Witness: Valerie L. Scott

- Q-3. Please explain why it would not be appropriate to record both the plant and operating cost associated with the partial installation of the AMS program in CWIP.
- A-3. Accounting for the asset costs associated with the installation of the AMS program will be in accordance with the guidelines prescribed in the Code of Federal Regulations 18 CFR, Chapter 1, Subchapter C, Part 101 - Electric Plant Instructions. All costs associated with the purchase and installation of these assets will be initially charged to Balance Sheet Account No. 107-Construction Work in Progress (CWIP). The cost of the assets will ultimately be reclassified to Balance Sheet Account No. 101-Plant in Service (plant account No. 370) as shown in response to KIUC 1-85.

Certain costs incurred as part of the project would be charged to operation and maintenance over the course of the project. See the response to PSC 2-58. The operating and maintenance expenses shown on the response to PSC 2-58 consist of repairs to meter bases, field maintenance of meters, and licensing/maintenance of IT systems. These are normal period costs which would have been incurred regardless whether the AMS program is undertaken. These costs are not recognized as expenditures related to the purchase and installation of the assets and therefore are not subject to capitalization rules and guidelines. With the approval from the KPSC, these costs could be established as a regulatory asset and amortized over a specified period.

Operating expenses associated with these assets after they are placed into service will be accounted for in accordance with the guidelines prescribed in the Code of Federal Regulations 18 CFR, Chapter 1, Subchapter C, Part 101, Operating Expense Instructions. The primary accounts used for these expenses will be Income Statement Account No. 597- Maintenance of Meters and Account No. 903 - Customer Records and Collection Expenses as shown in the response to KIUC 1-85. The response to KIUC 1-85 was not meant to indicate that the majority of the AMS charges would be expensed, but that the primary expense accounts used will be Account No. 597 - Maintenance of Meters and Account No. 903 - Customer Records and Collection Expenses.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 4

Responding Witness: William S. Seelye

Q-4. With regard to Att_KU_PSC_1_53 KUElecCossA and Att_KU_PSC_1_53 KUElecCossB please provide the source of the input data and all work papers showing the derivation of the data in the following:

- a. Columns G and H in the "Bill Det" tab.
- b. Column C in "Meters" tab.
- c. Column C in "Services" tab.
- d. Line 903 Remove ECR revenues in "AllocationProforma" tab.
- e. Line 909 Late Payment Revenue in "AllocationProforma" tab.
- f. Line 910 Misc Service Revenue Allocator in "AllocationProforma" tab.

A-4.

- a. See attachments to the response to PSC 2-97. The calculations referred to are shown on rows 8777 and 8778 of the tab labeled "KU 8760s Test Year".
- b. See attached.
- c. See attached.
- d. The totals referenced can be determined by subtracting the amounts in the columns labeled "Adjustment to Remove ECR" and "Adjustment to Reflect Removal of Base Rate ECR Revenues" for each rate class on page 1 of Schedule M-2.3 of the Company's Application.
- e. See attached.
- f. See attached.

KU Meter Installation Cost by Rate

	Hours per meter	Burdened Labor & Vehicle Cost (\$/Hour)	Avg. Cost of Meter	Avg. Cost of CTs	Avg. Count of CTs	Avg. Cost of PTs	Avg. Count of PTs	Other Cost	Install Cost (\$/meter)	Count of Meters
AES 1Ø	0.77	74.36	34	10	0	7	0	37	131	341
AES 3Ø	2.56	74.36	105	58	3	35	1	217	689	265
FLS Tra	4.20	74.36	200	6,000	3	7,000	3	240	39,752	1
GS 1Ø	0.62	74.36	23	1	0	0	0	5	75	69,720
GS 3Ø	1.21	74.36	105	20	1	7	0	72	285	19,803
PS Pri	3.14	74.36	103	680	2	750	2	237	3,593	238
PS Sec	2.32	74.36	101	55	2	21	0	205	624	4,722
RS	0.60	74.36	20	-	-	-	-	-	65	
RTS	3.43	74.36	200	6,000	2	7,000	2	240	31,308	31
TOD Pri	4.15	74.36	200	680	3	750	3	240	4,981	285
TOD Sec	3.11	74.36	105	65	3	60	1	240	843	663
										96,069

Other cost includes the meter base, conduit, weatherhead, hangers, and conductor.

Service Installation Costs

Capitalized Costs by Rate Class

	Non-Burdened	Burdened
RS	\$233.06	\$437.26
GS	\$766.91	\$1,268.08
PS-S	\$617.88	\$1,113.00
TOD-S	\$528.72	\$1,177.73
AES-S	\$528.72	\$1,177.73

Attachment to Response to KSBA-2 Question No. 4(c)

Labor Burden Rate	134.93%	Labor burden = burden rate (.9293) + T&E burden (.4200) from March 2014
Material Burden Rate	32.52%	All material rates per WIM/ARM calculations

		Non-Burdened	Burdened
Labor			
Line Tech A	1hr	\$38.82	\$91.20
Cable			
7000416 #2 Triplex, OH	ft	\$0.44	\$0.58
7000410 2/0 Triplex, OH	ft	\$0.92	\$1.22
7000412 397 Triplex, OH	ft	\$2.59	\$3.43
7000407 2/0 Quad, OH	ft	\$1.31	\$1.74
7000409 397 quad, OH	ft	\$3.70	\$4.90
7001428 2/0 triplex, UG	ft	\$0.89	\$1.18
7001429 4/0 Triplex, UG	ft	\$1.20	\$1.59
7003425 350mcm Triplex, UG	ft	\$2.03	\$2.69
938460 4/0 Quad, UG	ft	\$2.04	\$2.70
938478 350 Quad, UG	ft	\$3.31	\$4.39
Conduit			
7006683 2 1/2" Sched 40, 10ft	ea	\$0.99	\$1.31
7006684 3" Sched 40, 10ft	ea	\$1.33	\$1.76
7006685 4" Sched 40, 10ft	ea	\$1.52	\$2.01
7000662 2 1/2" Sched 80, 10ft	ea	\$1.22	\$1.62
7000661 3" Sched 80, 10ft	ea	\$1.52	\$2.01
7000660 4" Sched 80, 10ft	ea	\$2.35	\$3.11
7001207 2 1/2" Elbow, Sched 40, 24" Radius	ea	\$7.72	\$10.23
7001208 3" Elbow, Sched 40, 24" Radius	ea	\$7.51	\$9.95
7001210 4" Elbow, Sched 40, 24" Radius	ea	\$11.86	\$15.72
7001223 2 1/2" Elbow, Sched 80, 24" Radius	ea	\$19.00	\$25.18
7001224 3" Elbow, Sched 80, 24" Radius	ea	\$15.65	\$20.74
7002447 4" Elbow, Sched 80, 24" Radius	ea	Do not use this size	
7001167 Standoffs	ea	\$12.16	\$16.11
7003002 Lag Screws	ea	\$0.63	\$0.83
7001733 Straps, 2 1/2"	ea	\$1.09	\$1.44
7001242 Straps, 3"	ea	\$1.49	\$1.97
7001241 Straps, 4"	ea	\$2.21	\$2.93
7005143 Wedge Clamps	ea	\$1.72	\$2.28
Fanner for 397 Triplex and Quad	ea		
Connectors			
See Below Connectors, 189 thru 419, Average	ea	\$0.63	\$0.84
See Below Connectors, Large Size, Average	ea	\$3.14	\$4.16
7000551 350mcm and 600mcm paddles, Average	ea	\$5.44	\$7.21
Set Screw Connector, 2 hole	ea	\$8.51	\$11.28
Set Screw Connector, 4 hole	ea	\$21.98	\$29.13
479678 Set Screw Connector, 8 hole	ea	\$15.72	\$20.83
Average these for small connectors			
7000421 WR 189	ea	\$0.37	\$0.49
7000423 WR 279	ea	\$0.62	\$0.82
7000422 WR 289	ea	\$0.64	\$0.85
7000424 WR 379	ea	\$0.66	\$0.87
7000425 WR 399	ea	\$0.77	\$1.02
7003769 WR 419	ea	\$0.73	\$0.97
		\$0.63	\$0.84
Average these for large connectors			
7000435 WR 885	ea	\$3.34	\$4.43
7003239 WR 815	ea	\$2.80	\$3.71
7000430 WR 739	ea	\$3.18	\$4.21
7000429 WR 719	ea	\$3.24	\$4.29
		\$3.14	\$4.16

RS **Average Cost:** **\$233.06** **\$437.26**
Residential 200amp

200amp UG from Padmount Transformer		Non-Burdened		Burdened		Non-Burdened		Burdened		
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	2.5	\$97.05	\$228.00				
2/0 Triplex, UG	ft	\$0.89	\$1.18	125	\$111.25	\$147.43				
Total							\$208.30	\$375.43		

200amp UG from pole		Non-Burdened		Burdened		Non-Burdened		Burdened		
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	4.5	\$174.69	\$410.40				
2/0 Triplex, UG	ft	\$0.89	\$1.18	160	\$142.40	\$188.71				
Standoffs	ea	\$12.16	\$16.11	3	\$36.48	\$48.34				
Straps, 2 1/2"	ea	\$1.09	\$1.44	3	\$3.27	\$4.33				
Lag Screws	ea	\$0.63	\$0.83	12	\$7.56	\$10.02				
Conduit, 2 1/2" Sched 80, 10ft	ea	\$1.22	\$1.62	1	\$1.22	\$1.62				
Conduit, 2 1/2" Sched 40, 10ft	ea	\$0.99	\$1.31	2	\$1.98	\$2.62				
Connectors, 189-419	ea	\$0.63	\$0.84	3	\$1.90	\$2.51				
Total							\$369.50	\$668.55		

200amp OH service		Non-Burdened		Burdened		Non-Burdened		Burdened		
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	4	\$155.28	\$364.80				
2/0 Triplex, OH	ft	\$0.44	\$0.58	125	\$55.00	\$72.88				
Connectors, 189-419	ea	\$0.63	\$0.84	3	\$1.90	\$2.51				
Wedge Clamps	ea	\$1.72	\$2.28	2	\$3.44	\$4.56				
Total							\$215.62	\$444.75		

UG service 80% are from padmount and 20% are from pole.

Total
 UG are 70% and OH are 30%

GS **Average Cost:** **\$766.91 \$1,268.08**
General Service-Non-Residential
0-50kw, 1 and 3 phase service

		Non- Burdened	Burdened		Non- Burdened	Burdened
200amp, 1 phase or 3 phase, UG, Single Customer (Cust supplies cable)						
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	2	\$77.64	\$182.40
				Total	\$77.64	\$182.40

200amp, 1 phase, Multiple Customer, From Padmount (KU supplies cable, generally 6 gang meter base)						
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	6	\$232.92	\$547.20
350mcm Triplex, UG	ft	\$2.03	\$2.69	250	\$507.50	\$672.53
Set Screw Connectors, 2 hole	ea	\$8.51	\$11.28	4	\$34.04	\$45.11
				Total	\$774.46	\$1,264.84

200amp, 3 phase, Multiple Customer, From Padmount (KU supplies cable, generally 6 gang meterbase)						
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	8	\$310.56	\$729.60
350mcm Quad, UG	ft	\$3.31	\$4.39	250	\$827.50	\$1,096.59
Set Screw Connectors, 2 hole	ea	\$8.51	\$11.28	4	\$34.04	\$45.11
				Total	\$1,172.10	\$1,871.29

200amp, 3 phase, Multiple Customer, From Pole (KU supplies cable, generally 6 gang meterbase)						
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	12	\$465.84	\$1,094.40
350mcm Quad, UG	ft	\$3.31	\$4.39	320	\$1,059.20	\$1,403.63
Standoffs	ea	\$12.16	\$16.11	3	\$36.48	\$48.34
Straps, 4"	ea	\$2.21	\$2.93	6	\$13.26	\$17.57
Lag Screws	ea	\$0.63	\$0.83	12	\$7.56	\$10.02
Conduit, Sched 80, 4", 10ft	ea	\$2.35	\$3.11	2	\$4.70	\$6.23
Conduit, Sched 40, 4", 10ft	ea	\$1.52	\$2.01	4	\$6.08	\$8.06
Connectors, Large Size, Average	ea	\$3.14	\$4.16	8	\$25.12	\$33.29
				Total	\$1,618.24	\$2,621.54

200amp, 3 phase, OH, Single Customer						
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	4	\$155.28	\$364.80
2/0 Quad, OH	ft	\$1.31	\$1.74	125	\$163.75	\$217.00
Wedge Clamp	ea	\$1.72	\$2.28	2	\$3.44	\$4.56
Connectors, 189 thru 419, Average	ea	\$0.63	\$0.84	8	\$5.05	\$6.70
				Total	\$327.52	\$593.05

200amp, 3 phase, OH, Multiple Customers						
Labor (Line Tech A)	1 Manhour	\$38.82	\$91.20	6	\$232.92	\$547.20
397 Quad, OH	ft	\$3.70	\$4.90	100	\$370.00	\$490.32
Wedge Clamp	ea	\$1.72	\$2.28	2	\$3.44	\$4.56
Connectors, Large Size, Average	ea	\$3.14	\$4.16	8	\$25.12	\$33.29
				Total	\$631.48	\$1,075.36

Lexington is estimated to be 70%/30% split UG/OH

Rest of state is estimated heavily OH

Results would be 50/50 split of all types

PS-S
50-250kw
400amp up to 800amp, 3 phase
Generally Single Customer

Average Cost: \$617.88 \$1,113.00

Padmount Source

Line Tech A	1 Manhour	\$38.82	\$91.20	6	\$232.92	\$547.20
Set Screw Connector, 2 hole	ea	\$8.51	\$11.28	4	\$34.04	\$45.11
Total					\$266.96	\$592.31

OH source, UG Service

Line Tech A	1 Manhour	\$38.82	\$91.20	11	\$427.02	\$1,003.20
350 Quad, UG	ft	\$3.31	\$4.39	320	\$1,059.20	\$1,403.63
Standoffs	ea	\$12.16	\$16.11	3	\$36.48	\$48.34
Straps, 4"	ea	\$2.21	\$2.93	6	\$13.26	\$17.57
Lag Screws	ea	\$0.63	\$0.83	12	\$7.56	\$10.02
4" Sched 40, 10ft	ea	\$1.52	\$2.01	4	\$6.08	\$8.06
4" Sched 80, 10ft	ea	\$2.35	\$3.11	2	\$4.70	\$6.23
Connectors, Large Size, Average	ea	\$3.14	\$4.16	8	\$25.12	\$33.29
Total					\$1,579.42	\$2,530.34

OH Source, OH Service

Line Tech A	1 Manhour	\$38.82	\$91.20	8	\$310.56	\$729.60
397 quad, OH	ft	\$3.70	\$4.90	100	\$370.00	\$490.32
Wedge Clamp	ea	\$1.72	\$2.28	2	\$3.44	\$4.56
Connectors, Large Size, Average	ea	\$3.14	\$4.16	8	\$25.12	\$33.29
Total					\$709.12	\$1,257.76

Generally not multi-metered
Based on:
60% padmount source
40% served from OH source (split 50/50)

**Time of Day and All Electric School
250kw - 5000kw**

Average Cost: \$528.72 \$1,177.73

Padmount Source

Line Tech A	1 Manhour	\$38.82	\$91.20	12	\$465.84	\$1,094.40
Set Screw Connector, 8 hole	ea	\$15.72	\$20.83	4	\$62.88	\$83.33
				Total	\$528.72	\$1,177.73

Padmount Served Single meter Customer installs cable X8 - 600mcm average service

LG&E and KU Energy LLC**4080 Assessed Late Payment Charges****Last Data Update:****10/19/2016 02:09:25****Dynamic Filters**

Posting Date 09/01/2015 - 08/31/2016
 Key Figures Assessed
 Calendar Year/Month SEP 2015 - AUG 2016
 Group Company Code !0120 ODP

				Assessed
Group Company Code	Rate Category			\$
0100	LG&E	LGRSE521	RTOD-E: Residential Time-of-Day Energy	89.14
0100	LG&E	RTODE	RTOD Energy	89.14
0100	LG&E	LGCMG865	AAGS - Commercial	77.68
0100	LG&E	AAGS	AAGS	77.68
0100	LG&E	LGCMG851	CGS: Firm Commercial Gas Service	165,592.66
0100	LG&E	CGS	CGS	165,592.66
0100	LG&E	LGCMG875	DGGS: Distributed Generation Gas Service	22.05
0100	LG&E	DGGS	DGGS	22.05
0100	LG&E	KUCME110DS	GS Single Phase - Commercial	3.06
0100	LG&E	LGCM551DS	GS Single Phase - Commercial	145,615.64
0100	LG&E	LGCM651DS	GS Three Phase - Commercial	221,583.50
0100	LG&E	LGINE551DS	GS Single Phase - Industrial, DSM	254.63
0100	LG&E	LGINE651DS	GS Three Phase - Industrial, DSM	12,466.04
0100	LG&E	LGCM451	GS Single Phase, Water Heating - Comm	56.80
0100	LG&E	LGCM552	GS Single Phase Space Heating - Comm	456.48
0100	LG&E	LGCM557	GS Single Phase, NMS - Commercial	37.59
0100	LG&E	LGCM657	GS Three Phase, NMS - Commercial	119.55
0100	LG&E	LGCM652	GS Three Phase, Space Heating - Comm	4,463.44
0100	LG&E	GS	GS	385,056.73
0100	LG&E	LGING855DS	IGS: Industrial Gas Service, DSM	17,189.66
0100	LG&E	IGS	IGS	17,189.66
0100	LG&E	LGUM_457	LS 457: OH HPS Open Bottom 9500L Fixture	48.99
0100	LG&E	LGUM_456	LS 456: OH HPS Directional 50000L Fix	214.83
0100	LG&E	LGUM_454	LS 454: OH HPS Cobra Head 50000L Fixture	4.57
0100	LG&E	LGUM_453	LS 453: OH HPS Cobra Head 28500L Fixture	15.77
0100	LG&E	LGUM_452	LS 452: OH HPS Cobra Head 16000L Fixture	17.88
0100	LG&E	LGUM_413	LS 413: UG HPS Colonial 4-Sided 9500L	8.81
0100	LG&E	LS	LS	310.85

KU

0100	LG&E	LGCM561DS	PS Secondary - Commercial	67,252.81
0100	LG&E	LGCM561PF	PS Secondary PF Adjusted - Commercial	9,441.51
0100	LG&E	LGCM563DS	PS Primary - Commercial	1,776.79
0100	LG&E	LGCM563PF	PS Primary PF Adj - Commercial	2,538.36
0100	LG&E	LGINE661DS	PS Secondary - Industrial, DSM	849.10
0100	LG&E	LGINE661PD	PS Secondary PF Adj - Industrial, DSM	8,482.05
0100	LG&E	LGINE663PD	PS Primary PF Adj - Industrial, DSM	673.73
0100	LG&E	PS	PS	91,014.35
0100	LG&E	LGRSG811	Residential Gas Service	810,131.99
0100	LG&E	RGS	RGS	810,131.99
0100	LG&E	LGUM_252	RLS 252: OH MV Cobra/Open Bottom 8000L	23.61
0100	LG&E	LGUM_267	RLS 267: UG HPS Cobra/Contemp 50000L	2.38
0100	LG&E	LGUM_207	RLS 207: OH MV Directional 25000L Fix	2.94
0100	LG&E	LGUM_208	RLS 208: UG MV Coach 8000L Decorative	0.20
0100	LG&E	LGUM_276	RLS 276: UG HPS Coach/Acorn 5800L Deco	0.48
0100	LG&E	LGUM_201	RLS 201: OH MV Open Bottom 4000L Fixture	0.63
0100	LG&E	LGUM_203	RLS 203: OH MV Cobra Head 13000L Fixture	1.18
0100	LG&E	RLS	RLS	31.42
0100	LG&E	KURSE010	Residential Service	-13.94
0100	LG&E	LGRSE411	Residential Electric, Water Heating	3,808.86
0100	LG&E	LGRSE511	Residential Electric Service	2,115,894.13
0100	LG&E	LGRSE519	Residential Electric Net Metering	452.68
0100	LG&E	RS	RS	2,120,141.73
0100	LG&E	LGINE643	RTS - Industrial, DSM	10,654.56
0100	LG&E	RTS	RTS	10,654.56
0100	LG&E	LGINE693	TODP - Industrial, DSM	22,356.38
0100	LG&E	LGCM593	TODP - Commercial	7,621.96
0100	LG&E	TODP	TOD Primary	29,978.34
0100	LG&E	LGINE691	TODS - Industrial, DSM	19,331.53
0100	LG&E	LGCM591	TODS - Commercial	32,471.99
0100	LG&E	TODS	TOD Secondary	51,803.52
0100	LG&E	LGRSE540	Volunteer Fire Department Service	35.32
0100	LG&E	LGRSG840	Volunteer Fire Department Gas	20.19
0100	LG&E	VFD	VFD	55.51
0100	LG&E	LGCM568	Company Use - Electric	3.82
0100	LG&E	LGRSE000	Temporary Suspension	200.43
0100	LG&E	LGRSG000	Temporary Suspension	1,675.78
0100	LG&E	LGUM_000	Temporary Suspension - Unmetered Lights	9.00
0100	LG&E	LGCM500	Temporary Suspension - Commercial	464.01
0100	LG&E	LGCMG000	Temporary Suspension - Commercial	2,453.18
0100	LG&E	OTHERS	OTHERS	4,806.22
0100	LG&E	#	Not assigned	82,213.70
0100	LG&E	Not Assigned Rate Category (s)		82,213.70
0100	LG&E	Result		3,769,170.11

KU

0110	KU	KURSE050	RTOD-E: Residential Time-of-Day Energy	65.49
0110	KU	RTODE	RTOD Energy	65.49
0110	KU	KUCME223	AES Three Phase Secondary	165.18
0110	KU	KUCME225	AES Three Phase Secondary (PS Sec)	1,547.14
0110	KU	KUCME227	AES Three Phase Secondary (TODS)	1,811.03
0110	KU	KUCME220	AES Single Phase Secondary	93.10
0110	KU	AES	AES	3,616.45
0110	KU	KUCME110DS	GS Single Phase - Commercial	277,859.37
0110	KU	KUCME113DS	GS Three Phase - Commercial	247,527.63
0110	KU	KUCME713DS	GS 3-Phase NMS - Commercial	1.34
0110	KU	KUINE110DS	GS Single Phase - Industrial, DSM	1,451.95
0110	KU	KUINE113DS	GS Three Phase - Industrial, DSM	21,128.90
0110	KU	KUCME112	GS Single Phase Unmetered - Commercial	7.85
0110	KU	KUCME110	RETIRED: GS Single Phase - Commercial	2.14
0110	KU	KUCME710	GS Single Phase NMS - Commercial	29.16
0110	KU	GS	GS	548,008.34
0110	KU	KUUM_451	LS 451: OH MH Directional 32000L Fixture	7.00
0110	KU	KUUM_487	LS 487: OH HPS Directional 9500L Fixture	105.59
0110	KU	KUUM_465	LS 465: OH HPS Cobra Head 50000L Fixture	0.35
0110	KU	KUUM_488	LS 488: OH HPS Directional 22000L Fix	0.68
0110	KU	KUUM_468	LS 468: UG HPS Colonial 9500L Deco	15.66
0110	KU	P.O.LT	P.O.LT	129.28
0110	KU	KUCME561	PS Primary - Commercial	1,177.92
0110	KU	KUCME562	PS Secondary - Commercial	73,817.89
0110	KU	KUCME566	PS Primary PF Adj - Commercial	2,607.05
0110	KU	KUCME568	PS Secondary PF Adj - Commercial	8,628.93
0110	KU	KUINE561DS	PS Primary - Industrial, DSM	613.18
0110	KU	KUINE562DS	PS Secondary - Industrial, DSM	7,582.92
0110	KU	KUINE566DS	PS Primary PF Adj - Industrial, DSM	938.98
0110	KU	KUINE568DS	PS Secondary PF Adj - Industrial, DSM	5,099.35
0110	KU	PS	PS	100,466.22
0110	KU	KURSE020	Residential Service - All Electric	1,473,434.42
0110	KU	KURSE025	Residential Service - Three Phase	826.26
0110	KU	KURSE715	Residential Service - Net Metering	206.81
0110	KU	KURSE010	Residential Service	1,430,630.66
0110	KU	KTRSE030	TN Residential Electric Service	17.99
0110	KU	KTRSE020	TN All Electric Residential Service	9.22
0110	KU	RS	RS	2,905,125.36
0110	KU	KUINE550DS	RTS - Industrial, DSM	18,018.80
0110	KU	RTS	RTS	18,018.80
0110	KU	KUUM_428	LS 428: OH HPS Open Bottom 9500L Fixture	21.39
0110	KU	KUUM_430	LS 430: UG HPS Acorn 9500L Historic	1.19
0110	KU	KUUM_404	RLS 404: OH MV Open Bottom 7000L Fixture	9.40

Attachment to Response to KSBA-2 Question No. 4(e)

Seelye

0110	KU	ST.LT	ST.LT	31.98
0110	KU	KUCME571	TODP - Commercial	12,762.42
0110	KU	KUINE571DS	TODP - Industrial, DSM	91,271.13
0110	KU	TODP	TOD Primary	104,033.55
0110	KU	KUCME572	TODS - Commercial	19,961.34
0110	KU	KUINE572DS	TODS - Industrial, DSM	20,311.53
0110	KU	TODS	TOD Secondary	40,272.87
0110	KU	KURSE080	Volunteer Fire Department	162.19
0110	KU	VFD	VFD	162.19
0110	KU	KUCME000	Temporary Suspension	291.50
0110	KU	KURSE000	Temporary Suspension	69.57
0110	KU	KUUM_000	Unmetered temp suspension	20.30
0110	KU	OTHERS	OTHERS	381.37
0110	KU	#	Not assigned	296,004.08
0110	KU	Not Assigned Rate Category (s)		296,004.08
0110	KU	Result		4,016,315.98
Overall Result				7,785,486.09

LG&E and KU Energy LLC

4240 Account Activity

Last Data Update:

10/17/2016 02:14:27

Dynamic Filters

Posting Date 09/01/2015 - 08/31/2016

G/L Account 450001 - 450001

451001 - 451001

451002 - 451002

456007 - 456007

487001 - 487001

488001 - 488001

0000488002 - 0000488002

495005 - 495005

BA

!761 Norton; !773 Pennington Gap

CC		G/L Account		N. CA Group ADID	Amt in Loc. Currency
					\$
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Industrial Customers	-63,727.08
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Large Commercial Customers	-240,922.36
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Public Authorities Customers	-22,380.60
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Residential Customers	-2,097,877.46
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Small Commercial Customers	-237,424.77
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Street Lights Customers	-133.48
0100	Louisville Gas & Electric	COA/450001	FORFEITED DISC-ELEC	Result	-2,662,465.75
0100	Louisville Gas & Electric	COA/451001	RECONNECT CHRGE-ELEC	Industrial Customers	-112.00
0100	Louisville Gas & Electric	COA/451001	RECONNECT CHRGE-ELEC	Large Commercial Customers	-11,088.00
0100	Louisville Gas & Electric	COA/451001	RECONNECT CHRGE-ELEC	Public Authorities Customers	-56.00
0100	Louisville Gas & Electric	COA/451001	RECONNECT CHRGE-ELEC	Residential Customers	-1,385,020.00
0100	Louisville Gas & Electric	COA/451001	RECONNECT CHRGE-ELEC	Small Commercial Customers	-7,896.00
0100	Louisville Gas & Electric	COA/451001	RECONNECT CHRGE-ELEC	Result	-1,404,172.00
0100	Louisville Gas & Electric	COA/451002	TEMPORARY SERV-ELEC	Large Commercial Customers	-218.55
0100	Louisville Gas & Electric	COA/451002	TEMPORARY SERV-ELEC	Public Authorities Customers	-218.55
0100	Louisville Gas & Electric	COA/451002	TEMPORARY SERV-ELEC	Residential Customers	-291.40
0100	Louisville Gas & Electric	COA/451002	TEMPORARY SERV-ELEC	Small Commercial Customers	-87,635.70
0100	Louisville Gas & Electric	COA/451002	TEMPORARY SERV-ELEC	Result	-88,364.20
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Gas Trans Ind Cust	-10.00
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Industrial Customers	-50.00
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Large Commercial Customers	-3,420.00
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Residential Customers	-132,292.00
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Small Commercial Customers	-2,643.37
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Street Lights Customers	-50.00
0100	Louisville Gas & Electric	COA/456007	RET CHECK CHRGE-ELEC	Result	-138,465.37
0100	Louisville Gas & Electric	COA/487001	FORFEITED DISC-GAS	Industrial Customers	-15,584.49
0100	Louisville Gas & Electric	COA/487001	FORFEITED DISC-GAS	Large Commercial Customers	-97,882.07
0100	Louisville Gas & Electric	COA/487001	FORFEITED DISC-GAS	Public Authorities Customers	-5,175.14
0100	Louisville Gas & Electric	COA/487001	FORFEITED DISC-GAS	Residential Customers	-800,466.79
0100	Louisville Gas & Electric	COA/487001	FORFEITED DISC-GAS	Small Commercial Customers	-64,550.63
0100	Louisville Gas & Electric	COA/487001	FORFEITED DISC-GAS	Result	-983,659.12
0100	Louisville Gas & Electric	COA/488001	RECONNECT CHRGE-GAS	Industrial Customers	-196.00
0100	Louisville Gas & Electric	COA/488001	RECONNECT CHRGE-GAS	Large Commercial Customers	-13,580.00
0100	Louisville Gas & Electric	COA/488001	RECONNECT CHRGE-GAS	Public Authorities Customers	-84.00
0100	Louisville Gas & Electric	COA/488001	RECONNECT CHRGE-GAS	Residential Customers	-65,072.00
0100	Louisville Gas & Electric	COA/488001	RECONNECT CHRGE-GAS	Small Commercial Customers	-7,280.00
0100	Louisville Gas & Electric	COA/488001	RECONNECT CHRGE-GAS	Result	-86,212.00
0100	Louisville Gas & Electric	Result			-5,363,338.44

Attachment to Response to KSBA-2 Question No. 4(f)

Seelye

0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Industrial Customers	-150,291.39
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Large Commercial Customers	-77,884.02
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Mine Power Customers	-1,909.62
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Muni Pumping Customers	-862.93
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Public Authorities Customers	-23,634.52
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Residential Customers	-2,893,153.77
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Small Commercial Customers	-575,665.88
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Street Lights Customers	-2,637.09
0110	Kentucky Utilities Compan	COA/450001	FORFEITED DISC-ELEC	Result	-3,726,039.22
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Industrial Customers	-1,288.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Large Commercial Customers	-868.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Mine Power Customers	-28.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Muni Pumping Customers	-28.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Public Authorities Customers	-588.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Residential Customers	-1,942,276.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Small Commercial Customers	-81,956.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Street Lights Customers	-448.00
0110	Kentucky Utilities Compan	COA/451001	RECONNECT CHRGE-ELEC	Result	-2,027,480.00
0110	Kentucky Utilities Compan	COA/451002	TEMPORARY SERV-ELEC	Industrial Customers	-35.00
0110	Kentucky Utilities Compan	COA/451002	TEMPORARY SERV-ELEC	Public Authorities Customers	-275.00
0110	Kentucky Utilities Compan	COA/451002	TEMPORARY SERV-ELEC	Residential Customers	-235.00
0110	Kentucky Utilities Compan	COA/451002	TEMPORARY SERV-ELEC	Small Commercial Customers	-54,707.10
0110	Kentucky Utilities Compan	COA/451002	TEMPORARY SERV-ELEC	Result	-55,252.10
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Industrial Customers	-260.00
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Large Commercial Customers	-600.00
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Public Authorities Customers	-40.00
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Residential Customers	-140,390.00
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Small Commercial Customers	-8,260.00
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Street Lights Customers	-40.00
0110	Kentucky Utilities Compan	COA/456007	RET CHECK CHRGE-ELEC	Result	-149,590.00
0110	Kentucky Utilities Compan		Result		-5,958,361.32
Overall Result					-11,321,699.76

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 5

Responding Witness: William S. Seelye

Q-5. Regarding the response to KSBA – 8 please provide the rate schedules of the other utilities Mr. Seelye refers to in his testimony.

A-5. See the rate schedules of the other utilities at the following links:

https://www.iplpower.com/Our_Company/Rates/Large_Commercial_and_Industrial_Rates/Rate_PL/

https://www.duke-energy.com/_media/pdfs/for-your-home/rates/electric-ky/sheet-no-40-rate-ds-ky-e.pdf?la=en

https://www.duke-energy.com/_media/pdfs/for-your-home/rates/electric-oh/sheet-no-40-rate-ds-oh-e.pdf?la=en

https://www.indianamichiganpower.com/global/utilities/lib/docs/ratesandtariffs/Indiana/IM_IN_TB_16_12-30-2016.pdf

https://www.kentuckypower.com/global/utilities/lib/docs/ratesandtariffs/kentucky/KYTAR_01-31-17.pdf

<https://www.firstenergycorp.com/content/dam/customer/Choice/Customer%20Choice/Files/Ohio/tariffs/OE-2017-Electric-Service.pdf>

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 6

Responding Witness: Christopher M. Garrett

- Q-6. Regarding the response to KSBA – 34 please describe in detail the costs recorded in “FERC Annual Electric Program Cost Charges”.
- A-6. The FERC receives an annual appropriation from Congress to defray its operating costs and recovers 100 percent of this appropriation through the collection of annual charges and filing fees. These annual charges and filing fees are assessed based on total Megawatt hours to recover costs incurred by the FERC in the performance of its regulatory responsibilities.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 7

Responding Witness: Robert M. Conroy

Q-7. Please respond to the Supplemental part of KSBA – 2 (reference response to PSC 2-74): “Please describe any such situations that are currently not metered?”

A-7. KU believes that this reference was intended to be PSC 2-68.

The types of unmetered usages under Rate GS are for such items as cable television, cameras, caution lighting, flood gates, lighting, railroad crossings, signs, signal lighting, siren/alert systems, and storage tanks.

KENTUCKY UTILITIES COMPANY

CASE NO. 2016-00370

**Response to Supplemental Request for Information of Kentucky School Boards
Association (KSBA)
Dated February 6, 2017**

Question No. 8

Responding Witness: William S. Seelye

- Q-8. With regard to PSC_DR2_KU_ATTACH_to_Q97 please provide the source and supporting documents of the SID Ratios in line 8773.
- A-8. For a given class, the SID ratio is the ratio of the sum of all customers' peak demands and the peak demand for the class as a whole. The SAS code and output files are being provided on separate electronic storage media subject to a motion to deviate because the files cannot be uploaded to the Commission's website. The Company will supply copies on electronic storage media to the Commission, KSBA, and all parties who have already requested copies of all responses filed. The Company will provide the files to any other party to this proceeding upon request.

The attachments are
being provided in
separate files in the
available electronic
format filed pursuant to
a Motion for Deviation.