

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF LOUISVILLE GAS AND ELECTRIC)
COMPANY FOR AN ADJUSTMENT OF ITS) CASE NO.
ELECTRIC AND GAS RATES) 2014-00372

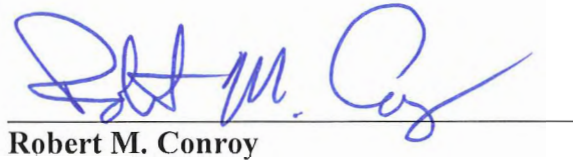
RESPONSE OF
LOUISVILLE GAS AND ELECTRIC COMPANY
TO
SUPPLEMENTAL REQUEST FOR INFORMATION OF
KENTUCKY SCHOOL BOARDS ASSOCIATION (KSBA)
DATED FEBRUARY 6, 2015

FILED: FEBRUARY 20, 2015

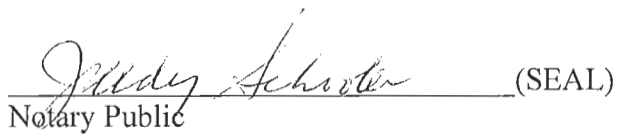
VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Director - 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 18th day of February 2015.


Notary Public (SEAL)

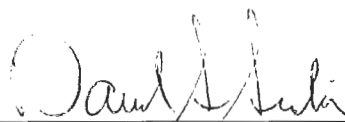
My Commission Expires:

JUDY SCHULER
Notary Public, State at Large, KY
~~My commission expires July 11, 2016~~
Notary ID # 512743

VERIFICATION

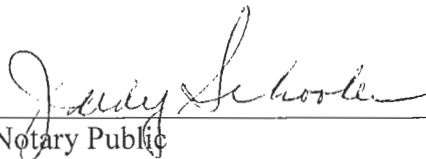
COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

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 15th day of February 2015.



(SEAL)

Notary Public

My Commission Expires:

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

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 1

Responding Witness: David S. Sinclair

- Q-1. Please provide copies of all available peak day load profiles for rate schedules GS, AES, PS-sec and TODS recorded in the last five years in the same format as the Company's response to KSBA Question No. 2 (First Request for Information) and include the rate schedule for each account.

- A-1. See the attachment being provided in Excel format for the rate schedule information, which contains customer specific information. The information is considered confidential and proprietary and is being provided under seal pursuant to a Petition for Confidential Protection.

Attachment in Excel

The attachment(s)
provided in separate
file(s) in Excel format.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 2

Responding Witness: David S. Sinclair

- Q-2. Please provide copies of all available peak day load profiles for any industrial accounts recorded in the last five years and include the rate schedule for each account.

- A-2. The Company does not have load profiles by industrial class. See the response to Question No. 1 for all profiles by rate schedule.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 3

Responding Witness: David S. Sinclair

- Q-3. Please provide copies of all available peak day load profiles for any commercial accounts recorded in the last five years and include the rate schedule for each account.

- A-3. The Company does not have load profiles by commercial class. See the response to Question No. 1 for all profiles by rate schedule.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 4

Responding Witness: Robert M. Conroy

- Q-4. With regard to the response to KSBA Question No. 2 (First Request for Information) please provide the rate schedule and description (i.e. elementary, middle, high school, office, garage, etc.) for each listed account.
- A-4. See the attachment for the requested rate schedule information, which contains customer specific information. The information is considered confidential and proprietary and is being provided under seal pursuant to a Petition for Confidential Protection. LG&E's records do not identify the specific facility type; therefore, the requested information is not available.

CONFIDENTIAL INFORMATION REDACTED

Contract Account	Business Partner	Rate Category
		LGCME651 General Service Three Phase
		LGCME561 Power Service Secondary - Commercial
		LGCME551 General Service Single Phase
		LGCME591 Time-of-Day Secondary, Commercial
		LGCME651 General Service Three Phase
		LGCME651 General Service Three Phase
		LGCME561 Power Service Secondary - Commercial
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_267 RLS 267: UG HPS Cobra/Contemp 50000L
		LGUM_452 LS 452: OH HPS Cobra Head 16000L Fixture
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_452 LS 452: OH HPS Cobra Head 16000L Fixture
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LEUM_828 Excess Facilities ODL
		LGCME561 Power Service Secondary - Commercial
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME561 Power Service Secondary - Commercial
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGCME651 General Service Three Phase
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME551 General Service Single Phase
		LGCME591 Time-of-Day Secondary, Commercial
		LGCME651 General Service Three Phase
		LGCME551 General Service Single Phase
		LGCME561 Power Service Secondary - Commercial
		LGCME651 General Service Three Phase
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_252 RLS 252: OH MV Cobra/Open Bottom 8000L
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME561 Power Service Secondary - Commercial
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME561 Power Service Secondary - Commercial
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture

CONFIDENTIAL INFORMATION REDACTED

Contract Account	Business Partner	Rate Category
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME551 General Service Single Phase
		LGCME561 Power Service Secondary - Commercial
		LGCME651 General Service Three Phase
		LGUM_267 RLS 267: UG HPS Cobra/Contemp 50000L
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME567 Power Service Secondary NMS - Commercial
		LGCME651 General Service Three Phase
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGCME651 General Service Three Phase
		LGUM_204 RLS 204: OH MV Cobra Head 25000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME561 Power Service Secondary - Commercial
		LGCME651 General Service Three Phase
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME561 Power Service Secondary - Commercial
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME563 Power Service Primary - Commercial
		LGUM_452 LS 452: OH HPS Cobra Head 16000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME561 Power Service Secondary - Commercial
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME657 General Service Three Phase - Net Meter
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGUM_456 LS 456: OH HPS Directional 50000L Fix
		LGCME651 General Service Three Phase
		LGCME652 General Service Three Phase Space Heat
		LGCME561 Power Service Secondary - Commercial
		LGCME651 General Service Three Phase
		LGCME551 General Service Single Phase
		LGCME651 General Service Three Phase

CONFIDENTIAL INFORMATION REDACTED

Contract Account	Business Partner	Rate Category
		LGCME651 General Service Three Phase
		LGCME651 General Service Three Phase
		LGUM_277 RLS 277: UG HPS Coach/Acorn 16000L Deco
		LGUM_473 LS 473: OH MH Directional 32000L Fixture
		LGUM_476 LS 476: OH MH Directional 107800L Fix
		LGUM_482 LS 482: UG MH Contemporary 32000L Deco
		LGCME551 General Service Single Phase
		LGCME651 General Service Three Phase
		LGUM_454 LS 454: OH HPS Cobra Head 50000L Fixture
		LGCME561 Power Service Secondary - Commercial

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 5

Responding Witness: David S. Sinclair

- Q-5. Please provide in Excel format an hourly load profile for the Company's monthly peak as shown on the 2014 Form page 401 provided in response to KSBA Question No. 23 (First Request for Information).

- A-5. See the attachment being provided in Excel format.

Attachment in Excel

The attachment(s)
provided in separate
file(s) in Excel format.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 6

Responding Witness: David S. Sinclair

- Q-6. Please provide the combined LGE-KU monthly system peaks in the FERC Form 1 page 401 format and hourly profiles in Excel format for each peak day shown for the years 2004-2014.
- A-6. See the attachment being provided in Excel format.

Attachment in Excel

The attachment(s)
provided in separate
file(s) in Excel format.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 7

Responding Witness: Dr. Martin J. Blake

- Q-7. With reference to the response to KU and LGE PSC 2-60 KUElectCOSS tab “Billing Det” please provide all work papers including calculations, derivations and source data for each item listed in columns shown on the spreadsheet.

- A-7. The number of customers, kWh, and revenue comes from the reconciliation of revenue in Schedule M submitted with the responses to PSC 2-70. The demand information comes from Att_LG_PSC_2-70_Load_Forecast-8784.xlsx.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 8

Responding Witness: Robert M. Conroy / Counsel

- Q-8. Please provide the Company's current estimate of expected percentage revenues increases by rate class to be passed through the ECR, DSM and FAC mechanisms for the next five years.
- A-8. See the Company's Objection filed on February 16, 2015. For the purpose of establishing base rates in this proceeding, the effects of the mechanisms are removed from the determination of the revenue requirement in this proceeding. For the five year business plan, the Company does not calculate the ECR, DSM and FAC mechanism revenues by rate schedule in the detailed manner that occurs with the determination of the actual monthly billing factor. The business plan contains a projection of the revenue requirement for each of the mechanisms in total for the Company. The total revenue requirement by mechanism is allocated across the various rate schedules based on the relationship of the energy consumption by rate schedule and is not intended to be the detailed calculations of each mechanism when performed for the actual monthly filings. See the attachment for the mechanism revenues in total and the amount allocated to each rate schedule.

Louisville Gas and Electric - Electric
(000's)

	<u>Year 2015</u>	<u>Year 2016</u>	<u>Year 2017</u>	<u>Year 2018</u>	<u>Year 2019</u>	<u>2015 to 2016</u>	<u>2016 to 2017</u>	<u>2017 to 2018</u>	<u>2018 to 2019</u>
ECR Tracker Revenue	\$82,165	\$124,826	\$142,388	\$162,140	\$184,447	52%	14%	14%	14%
LGE PSP 563	\$1,038	\$1,550	\$1,735	\$1,941	\$2,178	49%	12%	12%	12%
LGE CTODP 593	\$2,583	\$3,862	\$4,325	\$4,840	\$5,432	49%	12%	12%	12%
LGE CTODS 591	\$5,409	\$8,115	\$9,516	\$10,856	\$12,315	50%	17%	14%	13%
LGE FK 599	\$744	\$1,129	\$1,280	\$1,443	\$1,629	52%	13%	13%	13%
LGE GS 551	\$2,680	\$4,040	\$4,569	\$5,155	\$5,822	51%	13%	13%	13%
LGE PSS 661	\$90	\$140	\$162	\$184	\$208	56%	15%	14%	13%
LGE ITODP 693	\$11,357	\$17,691	\$20,385	\$23,165	\$26,288	56%	15%	14%	13%
LGE ITODS 691	\$1,722	\$2,815	\$3,246	\$3,681	\$4,173	63%	15%	13%	13%
LGE Lights	\$845	\$1,288	\$1,468	\$1,650	\$1,862	52%	14%	12%	13%
LGE LWC 671	\$397	\$598	\$677	\$762	\$860	51%	13%	13%	13%
LGE RS 511	\$28,902	\$43,769	\$50,055	\$57,430	\$65,902	51%	14%	15%	15%
LGE RTS 643	\$5,973	\$9,212	\$10,454	\$11,812	\$13,355	54%	13%	13%	13%
LGE PSS 561	\$11,897	\$17,921	\$20,207	\$23,052	\$26,149	51%	13%	14%	13%
LGE PSS 661	\$1,688	\$2,389	\$2,656	\$3,016	\$3,422	42%	11%	14%	13%
LGE GS 651	\$6,839	\$10,307	\$11,656	\$13,153	\$14,853	51%	13%	13%	13%
DSM Revenues	\$21,526	\$19,324	\$20,149	\$22,485	\$15,264	-10%	4%	12%	-32%
LGE PSP 563	\$301	\$266	\$272	\$298	\$200	-12%	2%	10%	-33%
LGE CTODP 593	\$749	\$662	\$678	\$743	\$498	-12%	2%	10%	-33%
LGE CTODS 591	\$1,566	\$1,392	\$1,490	\$1,666	\$1,127	-11%	7%	12%	-32%
LGE GS 551	\$777	\$692	\$715	\$790	\$532	-11%	3%	11%	-33%
LGE PSS 661	\$26	\$24	\$25	\$28	\$19	-8%	5%	11%	-32%
LGE ITODP 693	\$3,298	\$3,031	\$3,186	\$3,550	\$2,403	-8%	5%	11%	-32%
LGE ITODS 691	\$498	\$482	\$507	\$564	\$381	-3%	5%	11%	-32%
LGE RS 511	\$8,381	\$7,528	\$7,873	\$8,830	\$6,039	-10%	5%	12%	-32%
LGE PSS 561	\$3,456	\$3,071	\$3,164	\$3,537	\$2,393	-11%	3%	12%	-32%
LGE PSS 661	\$491	\$409	\$415	\$462	\$313	-17%	2%	11%	-32%
LGE GS 651	\$1,983	\$1,766	\$1,824	\$2,017	\$1,358	-11%	3%	11%	-33%
FAC Revenue	\$5,938	(\$7,720)	\$11,762	\$13,800	\$25,744	-230%	-252%	17%	87%
LGE PSP 563	\$73	(\$93)	\$146	\$166	\$306	-228%	-257%	14%	84%
LGE CTODP 593	\$179	(\$237)	\$360	\$409	\$758	-233%	-251%	14%	85%
LGE CTODS 591	\$373	(\$501)	\$777	\$906	\$1,704	-234%	-255%	16%	88%
LGE FK 599	\$49	(\$85)	\$86	\$105	\$208	-274%	-202%	22%	97%
LGE GS 551	\$190	(\$256)	\$372	\$431	\$806	-235%	-245%	16%	87%
LGE PSS 661	\$6	(\$9)	\$13	\$15	\$28	-254%	-238%	17%	92%
LGE ITODP 693	\$749	(\$1,151)	\$1,586	\$1,848	\$3,549	-254%	-238%	17%	92%
LGE ITODS 691	\$112	(\$185)	\$252	\$292	\$563	-265%	-236%	16%	93%
LGE Lights	\$24	(\$149)	\$41	\$58	\$170	-710%	-128%	40%	196%
LGE LWC 671	\$24	(\$47)	\$46	\$54	\$109	-294%	-200%	16%	102%
LGE RS 511	\$2,358	(\$2,466)	\$4,477	\$5,321	\$9,614	-205%	-282%	19%	81%
LGE RTS 643	\$377	(\$593)	\$793	\$926	\$1,786	-257%	-234%	17%	93%
LGE PSS 561	\$825	(\$1,135)	\$1,651	\$1,923	\$3,619	-237%	-245%	16%	88%
LGE PSS 661	\$114	(\$159)	\$211	\$245	\$467	-240%	-232%	16%	91%
LGE GS 651	\$486	(\$653)	\$951	\$1,101	\$2,057	-234%	-246%	16%	87%

<u>Louisville Gas and Electric - Gas (000's)</u>	<u>Year 2015</u>	<u>Year 2016</u>	<u>Year 2017</u>	<u>Year 2018</u>	<u>Year 2019</u>	<u>2015 to 2016</u>	<u>2016 to 2017</u>	<u>2017 to 2018</u>	<u>2018 to 2019</u>
DSM Revenues	\$4,139	\$5,200	\$4,831	\$5,758	\$3,405	26%	-7%	19%	-41%
AAGS-C	\$3	\$3	\$3	\$4	\$3	-13%	-2%	34%	-29%
FT-C	\$57	\$72	\$67	\$80	\$48	25%	-6%	19%	-41%
CGS	\$935	\$1,179	\$1,094	\$1,305	\$772	26%	-7%	19%	-41%
SC	\$81	\$107	\$101	\$121	\$72	32%	-6%	20%	-40%
FT-I	\$1,316	\$1,663	\$1,556	\$1,857	\$1,103	26%	-6%	19%	-41%
AAGS-C	\$4	\$4	\$4	\$5	\$4	-6%	0%	35%	-30%
FT-PA	\$54	\$69	\$64	\$77	\$45	26%	-6%	19%	-41%
RGS	\$1,687	\$2,103	\$1,942	\$2,309	\$1,358	25%	-8%	19%	-41%

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 9

Responding Witness: Robert M. Conroy

- Q-9. With regard to Mr. Conroy's response to KSBA Question No. 20 (First Request for Information) please describe the facilities that would be idled.
- A-9. LG&E assumes the reference is to LG&E's response to KSBA Question No. 18 in the First Request for Information. Delivery to sports fields may include but not be limited to the service of offices, locker rooms, concession stands, and field lighting. Such uses may be aggregated or separate. The Company believes such consumption does occur in peak period hours.

Service may be at a secondary or primary voltage level. That portion of Company facilities used but not allocated to serve "ball fields" under the assumption that usage is only off-peak as indicated by KSBA through secondary transformers, the primary distribution system, the transmission system, or from the generation fleet would not be recovered from "ball field" customers. In effect, these facilities would be idle and cost recovery would be shifted to other customers.

LOUISVILLE GAS AND ELECTRIC COMPANY

CASE NO. 2014-00372

**Response to Supplemental Request for Information of
Kentucky School Boards Association (KSBA)
Dated February 6, 2015**

Question No. 10

Responding Witness: Robert M. Conroy

- Q-10. With regard to Mr. Conroy's response to KSBA Question No. 20 (First Request for Information) please explain how an off-peak secondary load idles generation, transmission and primary distribution facilities that are sized and otherwise used to serve peak hour load.
- A-10. LG&E assumes the reference is to LG&E's response to KSBA Question No. 18 in the First Request for Information. The Company disagrees with the premise of the question. Mr. Conroy's response to KSBA Question No. 18 (First Request for Information) clearly states the Company believes "ball field" consumption does occur during the peak period. See also the response to Question No. 9.