

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>AN EXAMINATION BY THE APPLICATION</b>	)	
<b>OF THE FUEL ADJUSTMENT CLAUSE OF</b>	)	<b>CASE NO.</b>
<b>LOUISVILLE GAS AND ELECTRIC COMPANY</b>	)	<b>2014-00453</b>
<b>FOR THE TWO-YEAR BILLING PERIOD</b>	)	
<b>FROM NOVEMBER 1, 2012 THROUGH</b>	)	
<b>OCTOBER 31, 2014</b>	)	

<b>AN EXAMINATION BY THE APPLICATION</b>	)	
<b>OF THE FUEL ADJUSTMENT CLAUSE OF</b>	)	<b>CASE NO.</b>
<b>LOUISVILLE GAS AND ELECTRIC COMPANY</b>	)	<b>2014-00228</b>
<b>FOR THE SIX MONTH BILLING PERIOD</b>	)	
<b>FROM NOVEMBER 1, 2013 THROUGH</b>	)	
<b>APRIL 30, 2014</b>	)	

**RESPONSE OF**  
**LOUISVILLE GAS AND ELECTRIC COMPANY**  
**TO**  
**COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION IN**  
**APPENDIX B OF COMMISSION'S ORDER**  
**DATED FEBRUARY 5, 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 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 19th 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

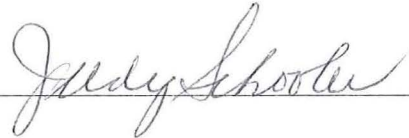
VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF JEFFERSON )

The undersigned, **Mike Dotson**, being duly sworn, deposes and says that he is Manager – LG&E and KU Fuels for 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.

  
\_\_\_\_\_  
**Mike Dotson**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 19th 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

VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF JEFFERSON )

The undersigned, **Charles R. Schram**, being duly sworn, deposes and says that he is Director – Energy Planning, Analysis and Forecasting for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the foregoing testimony, and that the answers contained therein are true and correct to the best of his information, knowledge and belief.

  
Charles R. Schram

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 19th day of February 2015.

  
Judy Schooler (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, **Eileen L. Saunders**, being duly sworn, deposes and says that she is Director, Generation Services for 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.

*Eileen L. Saunders*  
Eileen L. Saunders

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 19th day of February 2015.

*Juddy Schooler* (SEAL)

Notary Public

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

## LOUISVILLE GAS AND ELECTRIC COMPANY

### Response to Commission Staff's First Request for Information in Appendix B of Commission's Order Dated February 5, 2015

Case Nos. 2014-00453 and 2014-00228

#### Question No. 1

**Witness: Robert M. Conroy**

- Q-1. If a change in the base fuel cost is proposed, state the month to be used as the base period (b). If the base period results in a fuel cost other than one representative of current costs as prescribed by 807 KAR 5:056, Section 1(2), explain why this base period was selected. If no change is proposed, include an explanation of the reason(s) LG&E believes the current base period fuel cost should remain unchanged.
- A-1. LG&E does not propose to change the current per unit base fuel cost of \$0.02725 per kWh. As shown in the attachment, the average fuel cost experienced by the company over the last twelve months was \$0.02815 per kWh. The Company's business plan for 2015 and 2016 indicated an average per unit fuel cost of \$0.02756 and \$0.02649 per kWh, respectively. The current forecast for natural gas prices is much lower than the prices used to develop the business plan for 2015 and 2016; therefore, LG&E and KU updated the forecasted per unit fuel cost based on the current forecast for natural gas prices. Based on this update, the average per unit fuel cost for 2015 and 2016 would be \$0.02682 and \$0.02598 per kWh, respectively. The combination of actual fuel cost over the last twelve months and the forecasted fuel cost would indicate that the current base fuel cost is reasonable. In addition, with the changes expected to occur, in April 2015 with the commercial operation of LG&E's and KU's gas-fired combined cycle Cane Run Unit 7 and the retirement of Cane Run Units 4, 5 and 6 coal units, there will be interplay in the dispatch of the coal and natural gas units based on the pricing of natural gas. This interplay may initially create variances in the month to month fuel expense. Based on this potential effect, LG&E believes it is reasonable to leave the per unit base fuel cost at its current level of \$0.02725. Finally, LG&E has a general rate case currently in progress with new rates expected to be implemented effective July 1, 2015. Leaving the base fuel cost unchanged would simplify tariff revisions and avoid unnecessary customer confusion.

The current per unit base fuel cost of \$0.02725 was based on the actual per unit fuel costs experienced in April 2012. Therefore, the information that would normally be provided in response to Question Nos. 2,3,4,7,8,16 and 17 is not included.

See the table attached for actual 2014 and forecast 2015 and 2016 FAC and Base Rate comparisons.

## Louisville Gas and Electric Company

## Retail Fuel Adjustment Clause

## Fuel Cost per kWh

For the Expense Months Ending December 31, 2014

(1) Expense Month	(2) Expense Month \$/kWh	(3) FAC Base \$/kWh	(4) Billing Month	(5) Billing Month FAC Factor Col. 2 - 3
Jan-14	\$ 0.02945	\$ 0.02725	Mar-14	\$ 0.00220
Feb-14	\$ 0.02874	\$ 0.02725	Apr-14	\$ 0.00149
Mar-14	\$ 0.02885	\$ 0.02725	May-14	\$ 0.00160
Apr-14	\$ 0.03042	\$ 0.02725	Jun-14	\$ 0.00317
May-14	\$ 0.02863	\$ 0.02725	Jul-14	\$ 0.00138
Jun-14	\$ 0.02706	\$ 0.02725	Aug-14	\$ (0.00019)
Jul-14	\$ 0.02781	\$ 0.02725	Sep-14	\$ 0.00056
Aug-14	\$ 0.02739	\$ 0.02725	Oct-14	\$ 0.00014
Sep-14	\$ 0.02729	\$ 0.02725	Nov-14	\$ 0.00004
Oct-14	\$ 0.02628	\$ 0.02725	Dec-14	\$ (0.00097)
Nov-14	\$ 0.02741	\$ 0.02725	Jan-15	\$ 0.00016
Dec-14	\$ 0.02850	\$ 0.02725	Feb-15	\$ 0.00125
Average	\$ 0.02815	\$ 0.02725	Average	\$ 0.00090

Avg. FAC for 2015(1) \$ 0.02756 \$ 0.02725 \$ 0.00031

Avg. FAC for 2016(1) \$ 0.02649 \$ 0.02725 \$ (0.00076)

Avg. FAC for 2015(2) \$ 0.02682 \$ 0.02725 \$ (0.00043)

Avg. FAC for 2016(2) \$ 0.02598 \$ 0.02725 \$ (0.00127)

(1) Based on original 2015-2016 business plan.

(2) Based on recent decline in natural gas prices, subsequent to original 2015 - 2016 business plan.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 2**

**Witness: Robert M. Conroy**

- Q-2. Provide a calculation of the fossil fuel costs F(b) that LG&E proposes to use to calculate the base period fuel cost. This calculation shall show each component of F(b) as defined by 807 KAR 5:056. Explain why the fuel cost in the selected base period is representative of the level of fuel cost currently being experienced by LG&E.
- A-2. See the response to Question No. 1.



**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 3**

**Witness: Robert M. Conroy**

- Q-3. Provide a schedule showing each component of sales as defined by 807 KAR 5:056 in the selected base period (b). Explain why LG&E believes that the sales in the selected base period (b) are representative of the level of kWh sales that LG&E will derive from the level of fuel cost incurred during the selected base period (b).
- A-3. See the response to Question No. 1.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 4**

**Witness: Robert M. Conroy**

- Q-4. Provide a schedule showing the calculation of LG&E's proposed increase or decrease in its base fuel cost per kWh to be incorporated into its base rate.
- A-4. See the response to Question No. 1.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 5**

**Witness: Mike Dotson**

Q-5. Provide LG&E's most recent projected fuel requirements for the years 2015 and 2016 in tons and dollars.

A-5.		Tons	Dollars
	2015 Projected Coal Purchases	5,858,348	\$323,803,568
	2016 Projected Coal Purchases	6,069,739	\$321,359,961

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 6**

**Witness: Robert M. Conroy**

Q-6. Provide LG&E's most recent sales projections for the years 2015 and 2016 in kWh and dollars.

A-6. The information requested is being provided pursuant to a Petition for Confidential Protection. Most recent sales projections:

	Sales (kWh)	Dollars
2015 Ultimate Consumers	11,978,295,000	██████████
2016 Ultimate Consumers	12,089,927,000	██████████

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 7**

**Witness: Robert M. Conroy**

Q-7. Provide separately the amounts of power purchases used in the calculation of sales provided in response to Item 3.

A-7. See the response to Question No. 1.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 8**

**Witness: Robert M. Conroy**

- Q-8. Provide separately the amounts of intersystem power sales used in the calculation of sales provided in response to Item 3.
- A-8. See the response to Question No. 1.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 9**

**Witness: Charles R. Schram**

- Q-9. Provide the planned maintenance schedule for each of LG&E's generating units for the years 2015 and 2016.
- A-9. The information requested is being provided pursuant to a Petition for Confidential Protection. A redacted version of the requested information is attached to this response.

## 2015 LG&E Weekly Maintenance Detail

	**	**	**						*	*	*	*	*	*	*	*	*	*	*	
MAINT	CR4	CR5	CR6	MC1	MC2	MC3	MC4	TC1	TC2	CR7	Br5	Br6	Br7	PR13	TC5	TC6	TC7	TC8	TC9	TC10
WEEK	155	168	240	300	295	394	475	383	570	652	130	171	171	175	176	176	176	176	176	176
1/5																				
1/12																				
1/19																				
1/26																				
2/2																				
2/9																				
2/16																				
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11/9																				
11/16																				
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11/30																				
12/7																				
12/14																				
12/21																				
12/28																				

Notes: \* Jointly owned units between LG&E/KU  
 \*\* Cane Run 4-6 scheduled for retirement May 2015



## 2016 LG&E Weekly Maintenance Detail

	**	**	**						*	*	*	*	*	*	*	*	*	*	*	
MAINT	CR4	CR5	CR6	MC1	MC2	MC3	MC4	TC1	TC2	CR7	Br5	Br6	Br7	PR13	TC5	TC6	TC7	TC8	TC9	TC10
WEEK	0	0	0	300	295	388	475	379	570	652	130	171	171	175	176	176	176	176	176	176
1/4																				
1/11																				
1/18																				
1/25																				
2/1																				
2/8																				
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12/5																				
12/12																				
12/19																				
12/26																				

Notes: \* Jointly owned units between LG&E/KU  
 \*\* Cane Run 4-6 scheduled for retirement May 2015

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 10**

**Witness: Charles R. Schram**

Q-10. For the years ending October 31, 2013 and October 31, 2014, provide:

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

A-10. a. Maximum annual system demand:

Year Ending	Peak Demand (MW)
October 31, 2013	2,529
October 31, 2014	2,481

b. Average annual system demand:

Year Ending	Average Demand (MW)
October 31, 2013	1,413
October 31, 2014	1,426

\*Average demand is calculated as the year ending energy divided by the hours per year.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 11**

**Witness: Charles R. Schram**

Q-11. List all firm power commitments for LG&E for the years 2015 and 2016 for (a) purchases and (b) sales. This list shall identify the other party (buyer or seller), the amount of commitment in MW, and the purpose of the commitment (e.g., peaking, emergency).

A-11. a. Firm Purchases.

The firm purchases from Ohio Valley Electric Corporation (OVEC) for the review period are shown in the table below. LG&E purchased its participation ratio (5.63%) of the OVEC released capacity for the months in question:

Utility	Companies' Amt (MW)	LG&E Portion (MW)	Purpose
OVEC (Jan 2015)	~ 158	~ 109	Baseload
OVEC (Feb 2015)	~ 154	~ 107	Baseload
OVEC (Mar 2015)	~ 126	~ 87	Baseload
OVEC (Apr 2015)	~ 110	~ 76	Baseload
OVEC (May 2015)	~ 98	~ 68	Baseload
OVEC (Jun 2015)	~ 154	~ 107	Baseload
OVEC (Jul 2015)	~ 152	~ 105	Baseload
OVEC (Aug 2015)	~ 152	~ 105	Baseload
OVEC (Sep 2015)	~ 153	~ 106	Baseload
OVEC (Oct 2015)	~ 145	~ 100	Baseload
OVEC (Nov 2015)	~ 125	~ 86	Baseload
OVEC (Dec 2015)	~ 151	~ 104	Baseload
OVEC (Jan 2016)	~ 158	~ 109	Baseload
OVEC (Feb 2016)	~ 149	~ 103	Baseload
OVEC (Mar 2016)	~ 129	~ 89	Baseload
OVEC (Apr 2016)	~ 92	~ 64	Baseload
OVEC (May 2016)	~ 124	~ 86	Baseload
OVEC (Jun 2016)	~ 154	~ 107	Baseload
OVEC (Jul 2016)	~ 152	~ 105	Baseload
OVEC (Aug 2016)	~ 152	~ 105	Baseload
OVEC (Sep 2016)	~ 153	~ 106	Baseload
OVEC (Oct 2016)	~ 141	~ 98	Baseload
OVEC (Nov 2016)	~ 128	~ 88	Baseload
OVEC (Dec 2016)	~ 151	~ 104	Baseload

In both 2015 and 2016, LG&E also has a capacity purchase and tolling agreement for 165 MW of peaking capacity from Bluegrass Generation Company, LLC (See Case No. 2014-00321). The complete term of this agreement is May 2015 through April 2019.

b. Firm Sales.

None.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 12**

**Witness: Robert M. Conroy**

Q-12. Provide a monthly billing summary for all sales to all electric utilities for the period May 1, 2014 through October 31, 2014.

A-12. See attached.



Month Ended: May-31-2014

Louisville Gas and Electric Company

Power Transaction Schedule

<u>COMPANY</u>	Type of Transaction	KWH	Billing Components				
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)	
<b><u>SALES</u></b>							
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	1,524,000	\$ 49,135.86	\$ 39,579.05	\$ 88,714.91	
CARGILL- ALLIANT, LLC	CARG	Economy	2,646,000	\$ 75,769.76	\$ 61,032.74	\$ 136,802.50	
ETC ENDURE	ETC	Economy	335,000	\$ 10,045.68	\$ 8,091.83	\$ 18,137.51	
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	95,000	\$ 4,986.61	\$ 4,016.73	\$ 9,003.34	
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	1,140,000	\$ 31,334.99	\$ 25,240.41	\$ 56,575.40	
JP Morgan Ventures Energy Corporation	JPMORG	Economy	139,000	\$ 3,428.68	\$ 2,761.81	\$ 6,190.49	
ENERGY IMBALANCE	IMBL	Economy	626,000	\$ 14,487.09	\$ 11,669.38	\$ 26,156.47	
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	6,155,000	\$ 219,386.25	\$ 176,716.22	\$ 396,102.47	
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	22,225,000	\$ 823,670.88	\$ 663,469.01	\$ 1,487,139.89	
TENASKA POWER SERVICES CO.	TPS	Economy	1,472,000	\$ 36,665.60	\$ 29,534.24	\$ 66,199.84	
TENNESSEE VALLEY AUTHORITY	TVA	Economy	2,683,000	\$ 82,272.33	\$ 66,270.56	\$ 148,542.89	
WESTAR ENERGY, INC.	WSTR	Economy	448,000	\$ 17,151.79	\$ 13,815.81	\$ 30,967.60	
KENTUCKY UTILITIES COMPANY	KU	Economy	296,975,000	\$ 7,937,888.77	\$ 17.21	\$ 7,937,905.98	
SUBTOTAL			<u>336,463,000</u>	<u>\$ -</u>	<u>\$ 9,306,224.29</u>	<u>\$ 1,102,215.00</u>	<u>\$ 10,408,439.29</u>
<b>TOTAL SALES</b>			<b><u>336,463,000</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 9,306,224.29</u></b>	<b><u>\$ 1,102,215.00</u></b>	<b><u>\$ 10,408,439.29</u></b>

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.



Month Ended: June-30-2014

Louisville Gas and Electric Company

Power Transaction Schedule

COMPANY	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	919,000	\$ 37,082.10	\$ 18,878.49	\$ 55,960.59
CARGILL- ALLIANT, LLC	CARG	Economy	3,527,000	\$ 125,857.20	\$ 64,073.84	\$ 189,931.04
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	289,000	\$ 13,120.88	\$ 6,679.83	\$ 19,800.71
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	464,000	\$ 21,947.46	\$ 11,173.44	\$ 33,120.90
JP Morgan Ventures Energy Corporation	JPMORG	Economy	268,000	\$ 7,006.82	\$ 3,567.18	\$ 10,574.00
ENERGY IMBALANCE	IMBL	Economy	910,000	\$ 26,140.36	\$ 13,308.04	\$ 39,448.40
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	7,974,000	\$ 253,677.56	\$ 129,147.13	\$ 382,824.69
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	21,710,000	\$ 748,330.24	\$ 380,513.85	\$ 1,128,844.09
THE ENERGY AUTHORITY	TEA	Economy	731,000	\$ 28,248.32	\$ 14,381.22	\$ 42,629.54
TENASKA POWER SERVICES CO.	TPS	Economy	1,792,000	\$ 54,841.23	\$ 27,919.63	\$ 82,760.86
TENNESSEE VALLEY AUTHORITY	TVA	Economy	3,158,000	\$ 128,422.54	\$ 65,379.86	\$ 193,802.40
KENTUCKY UTILITIES COMPANY	KU	Economy	150,104,000	\$ 4,242,310.61	\$ 3,089.55	\$ 4,245,400.16
SUBTOTAL			191,846,000	\$ -	\$ 5,686,985.32	\$ 6,425,097.38
<b>TOTAL SALES</b>			<b>191,846,000</b>	<b>\$ -</b>	<b>\$ 5,686,985.32</b>	<b>\$ 6,425,097.38</b>

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.



Month Ended: July-31-2014

Louisville Gas and Electric Company

Power Transaction Schedule

COMPANY	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
CARGILL- ALLIANT, LLC	CARG	Economy	889,000	\$ 26,753.46	\$ 11,267.11	\$ 38,020.57
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	264,000	\$ 7,294.19	\$ 3,071.92	\$ 10,366.11
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	481,000	\$ 15,862.85	\$ 6,680.58	\$ 22,543.43
ENERGY IMBALANCE	IMBL	Economy	691,000	\$ 19,796.53	\$ 8,337.23	\$ 28,133.76
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	1,035,000	\$ 32,192.99	\$ 13,557.95	\$ 45,750.94
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	1,305,000	\$ 48,262.16	\$ 15,811.75	\$ 64,073.91
TENNESSEE VALLEY AUTHORITY	TVA	Economy	6,317,000	\$ 216,244.75	\$ 91,070.64	\$ 307,315.39
KENTUCKY UTILITIES COMPANY	KU	Economy	164,010,000	\$ 4,565,986.23	\$ 1,587.77	\$ 4,567,574.00
SUBTOTAL			174,992,000	\$ -	\$ 4,932,393.16	\$ 5,083,778.11
<b>TOTAL SALES</b>			<b>174,992,000</b>	<b>\$ -</b>	<b>\$ 4,932,393.16</b>	<b>\$ 5,083,778.11</b>

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.





Month Ended: August-31-2014

Louisville Gas and Electric Company

Power Transaction Schedule

COMPANY	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	1,774,000	\$ 47,417.36	\$ 19,140.53	\$ 66,557.89
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	531,000	\$ 19,656.61	\$ 7,934.59	\$ 27,591.20
CARGILL- ALLIANT, LLC	CARG	Economy	2,062,000	\$ 60,129.34	\$ 24,271.85	\$ 84,401.19
EXELON GENERATION COMPANY, LLC	EXEL	Economy	3,219,000	\$ 103,786.38	\$ 41,894.49	\$ 145,680.87
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	246,000	\$ 9,997.88	\$ 4,035.76	\$ 14,033.64
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	629,000	\$ 27,986.48	\$ 11,297.04	\$ 39,283.52
JP Morgan Ventures Energy Corporation	JPMORG	Economy	568,000	\$ 15,318.05	\$ 6,183.29	\$ 21,501.34
ENERGY IMBALANCE	IMBL	Economy	722,000	\$ 20,018.24	\$ 8,080.57	\$ 28,098.81
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	3,864,000	\$ 109,641.30	\$ 44,257.87	\$ 153,899.17
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	5,985,000	\$ 181,782.32	\$ 73,378.38	\$ 255,160.70
THE ENERGY AUTHORITY	TEA	Economy	3,705,000	\$ 102,405.52	\$ 41,337.08	\$ 143,742.60
TENASKA POWER SERVICES CO.	TPS	Economy	368,000	\$ 9,631.63	\$ 3,887.91	\$ 13,519.54
TENNESSEE VALLEY AUTHORITY	TVA	Economy	8,825,000	\$ 292,534.19	\$ 118,084.56	\$ 410,618.75
AMEREN ENERGY, INC.	AMRN	Economy	418,000	\$ 11,424.64	\$ 4,611.68	\$ 16,036.32
KENTUCKY UTILITIES COMPANY	KU	Economy	153,173,000	\$ 4,196,331.86	\$ 3,620.90	\$ 4,199,952.76
SUBTOTAL			186,089,000	\$ -	\$ 5,208,061.80	\$ 5,620,078.30
<b>TOTAL SALES</b>			<b>186,089,000</b>	<b>\$ -</b>	<b>\$ 5,208,061.80</b>	<b>\$ 5,620,078.30</b>

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.



Month Ended: September-30-2014

Louisville Gas and Electric Company

Power Transaction Schedule

COMPANY	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	572,000	\$ 17,009.52	\$ 6,495.00	\$ 23,504.52
CARGILL- ALLIANT, LLC	CARG	Economy	3,716,000	\$ 111,766.72	\$ 42,677.60	\$ 154,444.32
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	333,000	\$ 14,015.59	\$ 5,351.78	\$ 19,367.37
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	593,000	\$ 21,812.68	\$ 8,329.07	\$ 30,141.75
JP Morgan Ventures Energy Corporation	JPMORG	Economy	819,000	\$ 24,866.36	\$ 9,495.10	\$ 34,361.46
ENERGY IMBALANCE	IMBL	Economy	1,152,000	\$ 34,213.08	\$ 13,064.11	\$ 47,277.19
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	8,051,000	\$ 261,344.15	\$ 99,793.03	\$ 361,137.18
OWENSBORO MUNICIPAL UTILITIES	OMU	Economy	840,000	\$ 24,187.27	\$ 9,235.79	\$ 33,423.06
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	11,317,000	\$ 338,154.92	\$ 129,122.85	\$ 467,277.77
THE ENERGY AUTHORITY	TEA	Economy	44,000	\$ 1,277.56	\$ 487.83	\$ 1,765.39
TENASKA POWER SERVICES CO.	TPS	Economy	1,529,000	\$ 48,198.65	\$ 18,404.44	\$ 66,603.09
TENNESSEE VALLEY AUTHORITY	TVA	Economy	10,601,000	\$ 332,004.90	\$ 126,774.49	\$ 458,779.39
AMEREN ENERGY, INC.	AMRN	Economy	1,000	\$ -	\$ 30.23	\$ 30.23
KENTUCKY UTILITIES COMPANY	KU	Economy	148,072,000	\$ 3,900,316.19	\$ 2,934.99	\$ 3,903,251.18
SUBTOTAL			187,640,000	\$ -	\$ 5,129,167.59	\$ 472,196.31
<b>TOTAL SALES</b>			<b>187,640,000</b>	<b>\$ -</b>	<b>\$ 5,129,167.59</b>	<b>\$ 472,196.31</b>

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.



Month Ended: October-31-2014

Louisville Gas and Electric Company

Power Transaction Schedule

COMPANY	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	939,000	\$ 22,850.96	\$ 12,565.11	\$ 35,416.07
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	806,000	\$ 21,840.75	\$ 12,009.64	\$ 33,850.39
CARGILL- ALLIANT, LLC	CARG	Economy	2,722,000	\$ 73,990.10	\$ 40,685.15	\$ 114,675.25
ETC ENDURE	ETC	Economy	761,000	\$ 18,921.53	\$ 10,404.44	\$ 29,325.97
EXELON GENERATION COMPANY, LLC	EXEL	Economy	759,000	\$ 21,710.09	\$ 11,937.79	\$ 33,647.88
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	307,000	\$ 11,078.68	\$ 6,091.86	\$ 17,170.54
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	620,000	\$ 23,160.14	\$ 12,735.14	\$ 35,895.28
JP Morgan Ventures Energy Corporation	JPMORG	Economy	183,000	\$ 4,316.85	\$ 2,373.72	\$ 6,690.57
ENERGY IMBALANCE	IMBL	Economy	166,000	\$ 4,228.07	\$ 2,324.91	\$ 6,552.98
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	3,221,000	\$ 75,151.81	\$ 41,323.94	\$ 116,475.75
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	12,577,000	\$ 399,449.09	\$ 219,646.20	\$ 619,095.29
THE ENERGY AUTHORITY	TEA	Economy	990,000	\$ 28,531.03	\$ 15,688.44	\$ 44,219.47
TENASKA POWER SERVICES CO.	TPS	Economy	1,406,000	\$ 35,813.09	\$ 19,692.65	\$ 55,505.74
TENNESSEE VALLEY AUTHORITY	TVA	Economy	727,000	\$ 19,450.18	\$ 10,695.13	\$ 30,145.31
WESTAR ENERGY, INC.	WSTR	Economy	354,000	\$ 7,873.68	\$ 4,329.52	\$ 12,203.20
KENTUCKY UTILITIES COMPANY	KU	Economy	121,323,000	\$ 3,121,204.84	\$ 6,739.13	\$ 3,127,943.97
SUBTOTAL			147,861,000	\$ -	\$ 3,889,570.89	\$ 429,242.77
<b>TOTAL SALES</b>			<b>147,861,000</b>	<b>\$ -</b>	<b>\$ 3,889,570.89</b>	<b>\$ 429,242.77</b>

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 13**

**Witness: Robert M. Conroy**

- Q-13. a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2012 through October 2014.
- b. Describe the actions that LG&E has taken to reduce line loss during this period.
- A-13. a. See attached.
- b. LG&E's transmission and distribution system is constantly being expanded and upgraded to provide reliable electric service. All enhancements contribute to a system that will operate with fewer line losses. New line construction and transformer additions provide parallel facilities and reduce the current in existing facilities. Replacing existing conductors with larger conductors or replacing existing transformers with larger transformers reduces the resistance. Adding capacitors near the load reduces system reactive power (VAR) requirements and line and transformer currents. Any reduction in current and/or resistance results in reduced losses. The Company's planning and design objective is to provide a reliable transmission and distribution system at a reasonable cost. For Transmission and Distribution, the cost for losses are evaluated as outlined below.

Transmission:

The cost of transmission line losses is included in the economic analysis when evaluating the cost of alternative projects. The costs of core and copper losses are incorporated into the selection of all transmission transformers.

Distribution:

Losses are evaluated in the selection of standard line materials (cables, wires, distribution transformers, etc.) and distribution substation transformers. Total ownership cost, which includes the cost of no-load, load and auxiliary losses, is incorporated into the selection of distribution and substation transformers.

Louisville Gas and Electric Company  
12 month Average Line Loss  
November 2012 - October 2014

(1)	(2)	(3)	(4)	(5)	(6)
Month	Total kWh Sources 12 Months Ended Current Month	Total kWh System Losses 12 Months Ended Current Month	12 Months End % Losses	Total kWh Sources Current Month	Current Month Calculated System Losses (kWh)
			(3) / (2)		(4) x (5)
Nov-2012	12,328,901,580	545,314,599	4.42%	888,640,000	39,277,888
Dec-2012	12,353,803,580	498,728,608	4.04%	968,988,000	39,147,115
Jan-2013	12,398,606,580	524,312,170	4.23%	1,016,262,000	42,987,883
Feb-2013	12,427,325,580	513,647,885	4.13%	900,775,000	37,202,008
Mar-2013	12,497,073,580	523,841,850	4.19%	969,992,000	40,642,665
Apr-2013	12,514,405,580	525,978,765	4.20%	868,700,000	36,485,400
May-2013	12,415,432,580	524,931,806	4.23%	1,014,736,000	42,923,333
Jun-2013	12,377,541,000	545,286,610	4.41%	1,158,475,000	51,088,748
Jul-2013	12,149,441,000	517,289,681	4.26%	1,201,506,000	51,184,156
Aug-2013	12,123,155,000	522,128,178	4.31%	1,252,697,000	53,991,241
Sep-2013	12,164,372,000	518,820,164	4.27%	1,048,668,000	44,778,124
Oct-2013	12,195,468,000	519,079,271	4.26%	923,115,000	39,324,699
Nov-2013	12,194,579,000	500,343,036	4.10%	891,461,000	36,549,901
Dec-2013	12,248,341,000	525,363,205	4.29%	1,021,500,000	43,822,350
Jan-2014	12,334,063,000	506,429,722	4.11%	1,101,598,000	45,275,678
Feb-2014	12,371,088,000	498,040,900	4.03%	937,813,000	37,793,864
Mar-2014	12,332,878,000	482,151,520	3.91%	931,767,000	36,432,090
Apr-2014	12,295,301,533	463,640,456	3.77%	849,772,000	32,036,404
May-2014	12,289,779,533	439,258,336	3.57%	1,009,214,000	36,028,940
Jun-2014	12,330,419,533	432,362,987	3.51%	1,179,520,000	41,401,152
Jul-2014	12,317,361,533	444,758,011	3.61%	1,188,175,000	42,893,118
Aug-2014	12,299,670,533	440,060,467	3.58%	1,235,236,000	44,221,449
Sep-2014	12,281,490,533	448,710,360	3.65%	1,030,719,000	37,621,244
Oct-2014	12,247,761,533	455,011,462	3.72%	889,299,000	33,081,923

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 14**

**Witness: Eileen Saunders**

- Q-14. List LG&E's scheduled, actual, and forced outages between May 1, 2014 and October 31, 2014.
- A-14. See attached. Please note that the Company has modified the attachment to improve readability and overall ease of usage. For example, the new format includes start and/or end times for the outages outside of the review period to show the complete duration of the outages and provides the same information using less pages.

Louisville Gas & Electric Company  
May 2014 through October 2014

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
<b>Cane Run Unit 4 - Coal - 155 MW</b>	S	5/14/2014 21:11	5/17/2014 20:06	5/14/2014 21:11	5/17/2014 20:06	70:55	70:55	Scrubber booster I.D. fan drive
In-service May 1962	S	5/23/2014 23:05	5/28/2014 6:54	5/23/2014 23:05	5/28/2014 6:54	103:49	103:49	Electrostatic precipitator
	S	6/13/2014 7:32	6/13/2014 22:55	6/13/2014 7:32	6/13/2014 22:55	15:23	15:23	Main stop valves
	S	7/3/2014 21:11	7/6/2014 8:02	7/3/2014 21:11	7/6/2014 8:02	58:51	58:51	Waterwall tube leak
	F			7/14/2014 13:46	7/15/2014 16:26		26:40	Condenser tube leaks
	S	8/12/2014 22:14	8/16/2014 15:45	8/12/2014 22:14	8/16/2014 15:45	89:31	89:31	Waterwall tube leak
	F			8/21/2014 11:54	8/25/2014 0:20		84:26	Waterwall tube leak
	S	9/10/2014 21:12	9/12/2014 13:10	9/10/2014 21:12	9/12/2014 13:10	39:58	39:58	Control valves
	S	9/23/2014 10:04	9/24/2014 0:13	9/23/2014 10:04	9/24/2014 0:13	14:09	14:09	Condenser tube leaks
	F			10/13/2014 7:40	10/14/2014 0:34		16:54	Traveling screen fouling
	F			10/14/2014 0:34	10/14/2014 6:56		6:22	Electrostatic precipitator
<b>Cane Run Unit 5 - Coal - 168 MW</b>	F			5/20/2014 5:26	5/21/2014 0:48		19:22	Condenser tube leaks
In-service May 1966	F			5/21/2014 3:21	5/22/2014 7:36		28:15	Condenser tube leaks
	F			6/5/2014 6:04	6/6/2014 18:42		36:38	Waterwall tube leak
	F			6/28/2014 6:43	6/30/2014 6:18		47:35	Waterwall tube leak
	F			7/8/2014 11:15	7/9/2014 2:23		15:08	Induced draft fan
	S	7/13/2014 1:00	7/14/2014 1:30	7/13/2014 1:00	7/14/2014 1:30	24:30	24:30	Circulating water pumps
	S	7/25/2014 21:11	7/26/2014 13:28	7/25/2014 21:11	7/26/2014 13:28	16:17	16:17	Debris in circulating water from outside sources
	F			8/6/2014 6:53	8/7/2014 6:00		23:07	Economizer
	S	8/7/2014 6:00	8/10/2014 6:19	8/7/2014 6:00	8/10/2014 6:19	72:19	72:19	Air heater
	F			8/10/2014 15:14	8/10/2014 23:00		7:46	Induced draft fans
	F			8/18/2014 11:36	8/18/2014 22:23		10:47	Induced draft fan motors
	F			8/22/2014 20:27	8/23/2014 4:26		7:59	Lightning
	F			8/23/2014 4:26	8/23/2014 15:06		10:40	Steam seal
	F			9/1/2014 11:39	9/2/2014 3:01		15:22	Generator synchronization equipment
	F			9/2/2014 3:06	9/3/2014 5:20		26:14	Generator synchronization equipment
	F			9/3/2014 5:20	9/3/2014 11:35		6:15	Generator synchronization equipment
	F			9/4/2014 22:12	9/5/2014 9:09		10:57	Circuit breakers
	F			9/11/2014 5:57	9/11/2014 23:48		17:51	Condenser tube leaks
	S	9/19/2014 23:35	9/22/2014 0:24	9/19/2014 23:35	9/22/2014 0:24	48:49	48:49	Induced draft fan motors
	F			10/7/2014 9:06	10/7/2014 18:33		9:27	Induced draft fan controls
	F			10/13/2014 7:45	10/14/2014 23:40		39:55	Traveling screen fouling

\*Actual outage dates and hours of duration include scheduled and forced outages.

Louisville Gas & Electric Company  
May 2014 through October 2014

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
<b>Cane Run Unit 6 - Coal - 240 MW</b>	F		4/22/2014 6:45	5/3/2014 15:57		273:12	Demister	
In-service May 1969	S	5/17/2014 22:28	5/21/2014 7:00	5/17/2014 22:28	5/21/2014 7:00	80:32	80:32	First reheater
	F		5/21/2014 7:00	5/23/2014 8:20		49:20	49:20	Flue gas desulfurization module and spray header
	F		6/21/2014 15:31	6/22/2014 10:18		18:47	18:47	Condenser tube leaks
	F		6/22/2014 12:23	6/28/2014 0:26		132:03	132:03	Bearings
	F		7/13/2014 23:01	7/17/2014 8:10		81:09	81:09	Waterwall tube leak
	F		8/15/2014 12:44	8/16/2014 0:00		11:16	11:16	Generator protection relay
	S	8/16/2014 0:00	8/16/2014 15:45	8/16/2014 0:00	8/16/2014 15:45	15:45	15:45	Generator protection relay
	S	9/13/2014 0:00	10/26/2014 15:00	9/12/2014 18:11	10/9/2014 13:24	1047:00	643:13	Switchyard
<b>Mill Creek Unit 1 - Coal - 303 MW</b>	S	5/23/2014 22:40	5/24/2014 21:59	5/23/2014 22:40	5/24/2014 21:59	23:19	23:19	Condenser tube leaks
In-service August 1972	S	7/3/2014 22:43	7/7/2014 6:00	7/3/2014 22:43	7/7/2014 6:00	79:17	79:17	Economizer
	S	7/7/2014 6:00	7/8/2014 5:49	7/7/2014 6:00	7/8/2014 5:49	23:49	23:49	Air heater wash
	S	8/8/2014 22:43	8/10/2014 7:56	8/8/2014 22:43	8/10/2014 7:56	33:13	33:13	Baghouse systems
	F		8/17/2014 3:38	8/17/2014 9:45		6:07	6:07	High drum level
<b>Mill Creek Unit 2 - Coal - 301 MW</b>	S	4/5/2014 0:00	5/4/2014 15:00	4/5/2014 1:51	5/4/2014 22:22	711:00	716:31	Major boiler overhaul
In-service July 1974	S	7/15/2014 8:48	7/17/2014 1:49	7/15/2014 8:48	7/17/2014 1:49	41:01	41:01	Deaerator
	S	7/28/2014 0:06	7/29/2014 0:43	7/28/2014 0:06	7/29/2014 0:43	24:37	24:37	Deaerator
	S	8/1/2014 23:15	8/2/2014 7:31	8/1/2014 23:15	8/2/2014 7:31	8:16	8:16	Main transformer
	S	9/6/2014 0:02	9/8/2014 1:30	9/6/2014 0:02	9/8/2014 1:30	49:28	49:28	Switchyard
<b>Mill Creek Unit 3 - Coal - 391 MW</b>	F		5/20/2014 5:32	5/23/2014 18:02		84:30	84:30	Economizer
In-service August 1978	F		6/5/2014 18:39	6/9/2014 2:50		80:11	80:11	Economizer
	F		7/2/2014 18:54	7/3/2014 8:30		13:36	13:36	Control system
	S	8/7/2014 21:34	8/9/2014 1:52	8/7/2014 21:34	8/9/2014 1:52	28:18	28:18	Condenser tube leaks
	S	10/4/2014 0:00	10/12/2014 15:00	10/3/2014 23:16	10/12/2014 9:07	207:00	201:51	Minor boiler overhaul
<b>Mill Creek Unit 4 - Coal - 477 MW</b>	S	5/30/2014 22:56	6/1/2014 12:39	5/30/2014 22:56	6/1/2014 12:39	37:43	37:43	Condenser water box cleaning
In-service September 1982	S	6/1/2014 12:39	6/2/2014 8:03	6/1/2014 12:39	6/2/2014 8:03	19:24	19:24	First superheater
	F		6/8/2014 3:25	6/9/2014 16:15		36:50	36:50	First reheater
	S	6/9/2014 16:15	6/10/2014 18:26	6/9/2014 16:15	6/10/2014 18:26	26:11	26:11	Burners
	S	7/14/2014 23:25	7/17/2014 20:55	7/14/2014 23:25	7/17/2014 20:55	69:30	69:30	LP heater tube leaks
	F		7/25/2014 1:43	7/27/2014 17:10		63:27	63:27	Waterwall tube leak
	F		7/29/2014 2:24	7/31/2014 9:57		55:33	55:33	First reheater
	F		8/1/2014 22:04	8/3/2014 7:43		33:39	33:39	First reheater
	F		9/18/2014 14:35	9/23/2014 14:46		120:11	120:11	Electrical wiring
	S	9/27/2014 0:00	12/7/2014 15:00	9/24/2014 23:47	12/2/2014 18:05	1719:00	1650:18	Major turbine overhaul

\*Actual outage dates and hours of duration include scheduled and forced outages.



Louisville Gas & Electric Company  
May 2014 through October 2014

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
<b>Trimble County Unit 1 - Coal - 383 MW</b>	S	5/9/2014 0:24	5/12/2014 10:31	5/9/2014 0:24	5/12/2014 10:31	82:07	82:07	Air heater
In-service December 1990	F			6/17/2014 22:12	6/19/2014 4:24		30:12	Main steam line
75% ownership share of 511 MW	S	7/19/2014 0:07	7/20/2014 22:24	7/19/2014 0:07	7/20/2014 22:24	46:17	46:17	Boiler tube leaks
	S	8/1/2014 0:24	8/3/2014 23:38	8/1/2014 0:24	8/3/2014 23:38	71:14	71:14	Control valves
	S	8/31/2014 15:36	9/1/2014 0:35	8/31/2014 15:36	9/1/2014 0:35	8:59	8:59	Control valves
	F			10/7/2014 18:30	10/10/2014 13:24		66:54	Burner wind box fires
<b>Trimble County Unit 2 - Coal - 549 MW</b>	S	2/8/2014 0:00	5/25/2014 15:00	2/8/2014 3:21	5/26/2014 0:00	2559:00	2564:39	Burners
In-service January 2011	S	5/26/2014 0:00	5/28/2014 4:59	5/26/2014 0:00	5/28/2014 4:59	52:59	52:59	Burners
75% ownership share of 732 MW jointly owned with KU	F			5/28/2014 7:35	5/28/2014 14:15		6:40	Feedwater flow
	F			5/28/2014 20:48	5/29/2014 8:55		12:07	Exhaust hood and spray controls
	F			6/1/2014 13:49	6/2/2014 3:20		13:31	Instrument air dryers
	F			6/2/2014 3:20	6/2/2014 20:00		16:40	Induced draft fans
	F			6/29/2014 0:45	7/12/2014 4:30		315:45	Hydraulic system
	F			7/12/2014 4:30	7/12/2014 17:37		13:07	Turbine temperature control
	F			7/12/2014 17:37	7/13/2014 7:12		13:35	Turbine temperature control
	F			7/23/2014 12:22	7/25/2014 13:39		49:17	Circuit breakers
	F			8/11/2014 0:48	8/12/2014 13:15		36:27	Hydraulic system
	F			9/14/2014 13:10	9/19/2014 10:33		117:23	Boiler tube leaks
	F			9/22/2014 9:50	9/23/2014 2:00		16:10	Feedwater valve leak
	S	10/4/2014 3:38	10/6/2014 18:54	10/4/2014 3:38	10/6/2014 18:54	63:16	63:16	Economizer piping
<b>E. W. Brown Unit 5 - Gas CT - 112 MW</b>	S	5/9/2014 11:50	5/11/2014 1:31	5/9/2014 11:50	5/11/2014 1:31	37:41	37:41	Regulating valves installation
In-service June 2001	S	5/30/2014 8:03	5/30/2014 14:22	5/30/2014 8:03	5/30/2014 14:22	6:19	6:19	Compressor washing
Jointly owned with KU	F			8/6/2014 12:00	8/7/2014 11:25		23:25	Ignition system
	F			8/26/2014 6:08	8/26/2014 14:38		8:30	Switchyard system protection devices
<b>E. W. Brown Unit 6 - Gas CT - 146 MW</b>	S	5/9/2014 11:50	5/11/2014 11:46	5/9/2014 11:50	5/11/2014 11:46	47:56	47:56	Regulating valves installation
In-service August 1999	S	5/27/2014 6:21	5/27/2014 14:15	5/27/2014 6:21	5/27/2014 14:15	7:54	7:54	Compressor washing
Jointly owned with KU	S	6/3/2014 11:50	6/5/2014 12:39	6/3/2014 11:50	6/5/2014 12:39	48:49	48:49	Fuel piping and valves
	S	7/24/2014 13:00	7/24/2014 20:10	7/24/2014 13:00	7/24/2014 20:10	7:10	7:10	Generator voltage control
	S	9/18/2014 5:30	9/18/2014 13:30	9/18/2014 5:30	9/18/2014 13:30	8:00	8:00	Cooling and seal air system
	S	9/19/2014 5:30	9/19/2014 13:24	9/19/2014 5:30	9/19/2014 13:24	7:54	7:54	Cooling and seal air system
	S	9/22/2014 6:00	9/22/2014 13:16	9/22/2014 6:00	9/22/2014 13:16	7:16	7:16	Cooling and seal air system
	S	9/27/2014 5:55	9/30/2014 9:20	9/27/2014 5:55	9/30/2014 9:20	75:25	75:25	Gas fuel system
	S	9/30/2014 22:16	10/1/2014 14:38	9/30/2014 22:16	10/1/2014 14:38	16:22	16:22	Gas fuel system

\*Actual outage dates and hours of duration include scheduled and forced outages.

Louisville Gas & Electric Company  
May 2014 through October 2014

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
<b>E. W. Brown Unit 7 - Gas CT - 146 MW</b>	S	5/6/2014 5:31	5/6/2014 16:40	5/6/2014 5:31	5/6/2014 16:40	11:09	11:09	Cooling and seal air system
In-service August 1999	S	5/9/2014 11:50	5/11/2014 12:27	5/9/2014 11:50	5/11/2014 12:27	48:37	48:37	Regulating valves installation
Jointly owned with KU	S	6/5/2014 13:55	6/6/2014 12:35	6/5/2014 13:55	6/6/2014 12:35	22:40	22:40	Fuel piping and valves
	S	6/9/2014 5:48	6/9/2014 14:14	6/9/2014 5:48	6/9/2014 14:14	8:26	8:26	Compressor washing
	S	9/7/2014 7:00	9/7/2014 13:30	9/7/2014 7:00	9/7/2014 13:30	6:30	6:30	Voltage system transformers
	S	10/2/2014 8:00	10/3/2014 8:24	10/2/2014 8:00	10/3/2014 8:24	24:24	24:24	Gas turbine control system upgrades
	F			10/7/2014 5:54	10/8/2014 11:19		29:25	Exhaust temperature
	S	10/17/2014 5:30	10/17/2014 17:08	10/17/2014 5:30	10/17/2014 17:08	11:38	11:38	Inlet air filters
	S	10/20/2014 5:32	10/20/2014 13:34	10/20/2014 5:32	10/20/2014 13:34	8:02	8:02	Inlet air filters
<b>Cane Run Unit 11 - Gas CT - 14 MW</b>		No outages > or = 6 hours						
In-service June 1968								
<b>Paddys Run Unit 11 - Gas CT - 12 MW</b>	S	5/5/2014 7:20	5/8/2014 7:38	5/5/2014 7:20	5/8/2014 7:38	72:18	72:18	Gas line maintenance
In-service June 1968								
<b>Paddys Run Unit 12 - Gas CT - 23 MW</b>	S	5/5/2014 7:20	5/8/2014 7:38	5/5/2014 7:20	5/8/2014 7:38	72:18	72:18	Gas line maintenance
In-service July 1968								
<b>Paddys Run Unit 13 - Gas CT - 147 MW</b>	S	5/5/2014 7:20	5/6/2014 23:38	5/5/2014 7:20	5/6/2014 23:38	40:18	40:18	Gas line maintenance
In-service June 2001	F			9/29/2014 22:48	9/30/2014 17:54		19:06	Unit auxiliaries transformer
Jointly owned with KU	S	10/18/2014 0:00	11/2/2014 15:00	10/18/2014 8:37	10/27/2014 13:20	375:00	220:43	Switchyard equipment
<b>Trimble County Unit 5 - Gas CT - 157 MW</b>	S	7/16/2014 6:04	7/16/2014 13:41	7/16/2014 6:04	7/16/2014 13:41	7:37	7:37	Compressor washing
In-service May 2002	S	10/1/2014 2:00	10/3/2014 1:07	10/1/2014 2:00	10/3/2014 1:07	47:07	47:07	Inlet air filters
Jointly owned with KU	S	10/22/2014 14:32	10/23/2014 8:53	10/22/2014 14:32	10/23/2014 8:53	18:21	18:21	Hydrogen system
<b>Trimble County Unit 6 - Gas CT - 157 MW</b>	F			6/1/2014 15:21	6/1/2014 21:47		6:26	Combustor
In-service May 2002	S	6/26/2014 6:15	6/26/2014 14:05	6/26/2014 6:15	6/26/2014 14:05	7:50	7:50	Compressor washing
Jointly owned with KU	S	9/29/2014 4:02	10/2/2014 2:30	9/29/2014 4:02	10/2/2014 2:30	70:28	70:28	Inlet air filters
	S	10/23/2014 0:00	10/25/2014 12:15	10/23/2014 0:00	10/25/2014 12:15	60:15	60:15	Hydrogen system
<b>Trimble County Unit 7 - Gas CT - 157 MW</b>	S	5/28/2014 7:17	5/28/2014 14:15	5/28/2014 7:17	5/28/2014 14:15	6:58	6:58	Hydrogen system
In-service June 2004	S	6/6/2014 20:00	6/10/2014 13:48	6/6/2014 20:00	6/10/2014 13:48	89:48	89:48	Generator balance
Jointly owned with KU	S	7/18/2014 6:18	7/18/2014 13:25	7/18/2014 6:18	7/18/2014 13:25	7:07	7:07	Compressor washing
	S	10/3/2014 8:30	10/4/2014 23:52	10/3/2014 8:30	10/4/2014 23:52	39:22	39:22	Compressor blades inspection
	S	10/20/2014 7:50	10/21/2014 9:11	10/20/2014 7:50	10/21/2014 9:11	25:21	25:21	Hydrogen system
	F			10/29/2014 12:51	10/29/2014 22:11		9:20	Hydrogen system

\*Actual outage dates and hours of duration include scheduled and forced outages.

Louisville Gas & Electric Company  
May 2014 through October 2014

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
<b>Trimble County Unit 8 - Gas CT - 157 MW</b>	S	6/6/2014 20:00	6/7/2014 10:01	6/6/2014 20:00	6/7/2014 10:01	14:01	14:01	Generator balance
In-service June 2004	F			6/23/2014 9:10	6/24/2014 12:15		27:05	Fire protection system
Jointly owned with KU	F			9/20/2014 11:28	9/20/2014 19:47		8:19	Fire protection system
	S	10/4/2014 2:00	10/4/2014 23:52	10/4/2014 2:00	10/4/2014 23:52	21:52	21:52	Compressor blades inspection
	S	10/26/2014 6:46	10/27/2014 14:10	10/26/2014 6:46	10/27/2014 14:10	31:24	31:24	Hydrogen system
<b>Trimble County Unit 9 - Gas CT - 157 MW</b>	F			5/2/2014 5:25	5/2/2014 14:18		8:53	Starting system
In-service July 2004	F			5/14/2014 11:25	5/14/2014 20:24		8:59	Circuit breakers
Jointly owned with KU	S	5/15/2014 2:18	5/15/2014 19:50	5/15/2014 2:18	5/15/2014 19:50	17:32	17:32	Starting system
	F			5/21/2014 20:00	5/22/2014 12:59		16:59	Circuit breakers
	F			5/27/2014 13:50	5/28/2014 15:10		25:20	Fuel piping and valves
	F			6/7/2014 8:30	6/7/2014 15:13		6:43	Fuse
	F			7/3/2014 4:10	7/5/2014 9:30		53:20	Battery and charger system
	S	7/10/2014 6:16	7/10/2014 14:25	7/10/2014 6:16	7/10/2014 14:25	8:09	8:09	Compressor washing
	F			8/4/2014 7:42	8/5/2014 8:29		24:47	Fire protection system
	F			8/17/2014 23:33	8/18/2014 5:45		6:12	Fuse
	F			8/18/2014 7:22	8/18/2014 13:51		6:29	Fuse
	F			9/21/2014 13:25	9/21/2014 19:50		6:25	Circuit breakers
	S	10/5/2014 1:11	10/5/2014 22:25	10/5/2014 1:11	10/5/2014 22:25	21:14	21:14	Compressor blades inspection
	S	10/21/2014 9:11	10/23/2014 14:32	10/21/2014 9:11	10/23/2014 14:32	53:21	53:21	Hydrogen system
<b>Trimble County Unit 10 - Gas CT - 157 MW</b>	F			5/2/2014 5:25	5/2/2014 14:18		8:53	Starting system
In-service July 2004	S	5/15/2014 2:18	5/15/2014 19:50	5/15/2014 2:18	5/15/2014 19:50	17:32	17:32	Starting system
Jointly owned with KU	S	7/31/2014 7:08	7/31/2014 14:13	7/31/2014 7:08	7/31/2014 14:13	7:05	7:05	Compressor washing
	S	10/5/2014 1:11	10/7/2014 1:26	10/5/2014 1:11	10/7/2014 1:26	48:15	48:15	Compressor blades inspection
	S	10/25/2014 6:58	10/26/2014 12:44	10/25/2014 6:58	10/26/2014 12:44	29:46	29:46	Hydrogen system
<b>Zorn Unit 1 - Gas CT - 14 MW</b>	S	8/8/2014 8:06	9/10/2014 16:10	8/8/2014 8:06	9/10/2014 16:10	800:04	800:04	Gas line maintenance
In-service May 1969	F			9/17/2014 19:03	9/22/2014 16:05		117:02	Gas line maintenance
	S	10/20/2014 2:13	10/24/2014 9:32	10/20/2014 2:13	10/24/2014 9:32	103:19	103:19	Gas line maintenance
	S	10/27/2014 3:54	10/31/2014 9:56	10/27/2014 3:54	10/31/2014 9:56	102:02	102:02	Gas line maintenance

\*Actual outage dates and hours of duration include scheduled and forced outages.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 15**

**Witness: Mike Dotson**

- Q-15. For each existing fuel contract categorized as long-term (i.e., one year or more in length), provide:
- a. Supplier's name and address;
  - b. Name and location of production facility;
  - c. Date when contract was executed;
  - d. Duration of contract;
  - e. Date(s) of each contract revision, modification, or amendment;
  - f. Annual tonnage requirements;
  - g. Actual annual tonnage received since the contract's inception;
  - h. Percent of annual requirements received during the contract's term;
  - i. Base price in dollars per ton;
  - j. Total amount of price escalations to date in dollars per ton; and
  - k. Current price paid for coal under the contract in dollars per ton (i +j).

A-15. See attached.

A. NAME/ADDRESS: Alliance Coal, LLC / J09002  
1717 South Boulder Av., Suite 400  
Tulsa, Oklahoma 74119-4886

B. PRODUCTION FACILITY:  
OPERATOR River View Coal, LLC  
MINE River View Mine  
LOCATION Union County, Kentucky

C. CONTRACT EXECUTED DATE: November 10, 2008

D. CONTRACT DURATION: November 3, 2008 – December 31, 2015

E. CONTRACT AMENDMENTS: Amendment No. 1 dated May 1, 2010. Added barge fleeting demurrage charge to Section 5.2 Barge Delivery. Added Barge Shifting Fee to Base Price Section 8.1.

F. ANNUAL TONNAGE REQUIREMENTS:

2010	969,072 tons	
	(includes FM of 30,928 tons)	
2011	2,000,000 tons	
2012	2,000,000 tons	
2013	2,000,000 tons	
2014	2,000,000 tons	
2015	2,000,000 tons	

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&amp;E</u>	<u>KU</u>
2010	525,414 tons	443,658 tons
2011	1,177,540 tons	771,648 tons
2012	1,806,495 tons	204,987 tons
2013	1,612,443 tons	408,370 tons
2014	961,570 tons	673,066 tons
	(through 10/31/14)	

H. PERCENT OF ANNUAL REQUIREMENTS:

2010	100%
2011	97%
2012	101%
2013	101%
2014	82% (through 10/31/14)

I. BASE PRICE (FOB Barge): \$41.00 per ton

J. ESCALATIONS TO DATE: \$13.81 per ton

K. CURRENT CONTRACT PRICE: \$54.81 per ton

- A. NAME/ADDRESS: Alliance Coal, LLC / J12007  
1717 South Boulder Av., Suite 400  
Tulsa, Oklahoma 74119-4886
- B. PRODUCTION FACILITY:  
OPERATOR Hopkins County Coal, Warrior Coal and Webster  
County Coal  
MINE Seller's Mines  
LOCATION Western Kentucky
- C. CONTRACT EXECUTED DATE: December 9, 2011
- D. CONTRACT DURATION: January 1, 2012 – December 31, 2016
- E. CONTRACT AMENDMENTS: Amendment No. 1, effective January 1, 2013.  
Determine Base price for 2013 and 2014.  
Amendment No. 2, effective January 1, 2014.  
Determine Base price for 2014 and 2015.
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |                |
|------|----------------|
| 2012 | 3,000,000 tons |
| 2013 | 3,000,000 tons |
| 2014 | 3,000,000 tons |
| 2015 | 3,000,000 tons |
| 2016 | 3,000,000 tons |
- G. ACTUAL TONNAGE RECEIVED:
- |      | <u>LG&amp;E</u>                      | <u>KU</u>   |
|------|--------------------------------------|-------------|
| 2012 | 2,877,460 tons                       | 14,326 tons |
| 2013 | 3,065,353 tons                       | 0 tons      |
| 2014 | 2,454,578 tons<br>(through 10/31/14) | 36,874 tons |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |                        |
|------|------------------------|
| 2012 | 96%                    |
| 2013 | 102%                   |
| 2014 | 83% (through 10/31/14) |
- I. BASE PRICE (FOB Railcar/Barge):
- |      |                                       |
|------|---------------------------------------|
| 2012 | - \$47.00 per ton FOB Railcar         |
| 2013 | - \$48.00 per ton FOB Railcar         |
| 2014 | - \$47.38 per ton FOB Railcar/Barge   |
| 2015 | - \$46.88 per ton FOB Railcar/Warrior |
| 2015 | - \$47.13 per ton FOB Railcar/Dotiki  |

2016 – Pricing for 1.5 Million tons \$47.50 per ton  
FOB railcar/Warrior, \$47.00 per ton FOB  
Railcar/Dotiki. Pricing for remaining  
1.5 Million tons to be negotiated.

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$47.38 per ton



A. NAME/ADDRESS: Arch Coal Sales Company, Inc / J14038  
1 CityPlace Drive, Suite 300  
St. Louis, Missouri 63141

B. PRODUCTION FACILITY:  
OPERATOR Thunder Basin Coal Company, LLC  
MINES Black Thunder Complex  
LOCATION Campbell County, Wyoming

C. CONTRACT EXECUTED DATE: May 7, 2014

D. CONTRACT DURATION: May 1, 2014 - December 31, 2015

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE REQUIREMENTS: 2014 450,000 tons  
2015 600,000 tons

G. ACTUAL TONNAGE RECEIVED: KU  
2014 315,256 tons (through 10/31/14)

H. PERCENT OF ANNUAL REQUIREMENTS: 2014 70% (through 10/31/14)

I. BASE PRICE (FOB Railcar) 2014 \$12.60 per ton  
2015 \$13.40 per ton

J. ESCALATIONS TO DATE: \$0.00 per ton

I. CURRENT CONTRACT PRICE: \$12.60 per ton

A. NAME/ADDRESS: Armstrong Coal Company, Inc / J07032  
407 Brown Road  
Madisonville, Kentucky 42431

B. PRODUCTION FACILITY:  
OPERATOR Armstrong Coal Company, Inc  
MINES Various  
LOCATION Muhlenberg County and Ohio County, Kentucky

C. CONTRACT EXECUTED DATE: December 20, 2007

D. CONTRACT DURATION: January 1, 2008 - December 31, 2016

E. CONTRACT AMENDMENTS: Amendment No. 1, effective July 1, 2008 amending base quantity and modifying diesel fuel adjustment to include explosives.  
Amendment No. 2, effective December 22, 2009 amending term, base quantity, price and environmental force majeure.  
Amendment No. 3, effective October 29, 2013 amending term, base quantity, price and payment.

F. ANNUAL TONNAGE REQUIREMENTS:

2008	600,000 tons
2009	2,200,000 tons
2010	1,800,000 tons
2011 through 2013	- 2,100,000 tons per year
2014 through 2016	- 1,000,000 tons per year
2017 through 2019	- 700,000 tons per year

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&amp;E</u>	<u>KU</u>
2008	511,414 tons	82,623 tons
2009	1,530,482 tons	632,077 tons
2010	1,180,206 tons	657,930 tons
2011	993,296 tons	877,219 tons
2012	904,254 tons	1,211,495 tons
2013	838,589 tons	1,431,403 tons
2014	276,946 tons	558,938 tons
	(through 10/31/14)	

H. PERCENT OF ANNUAL  
REQUIREMENTS:

2008	99%
2009	98%
2010	102%
2011	89%
2012	101%
2013	108%
2014	84% (through 10/31/14)

I. BASE PRICE (FOB Barge)

2008	Quality 1 - \$27.31 per ton Quality 2 - \$28.30 per ton
2009	Quality 1 - \$27.60 per ton Quality 2 - \$28.76 per ton
2010	Quality 1 - \$28.18 per ton Quality 2 - N/A
2011	Quality 1 - \$28.19 per ton Quality 2 - \$29.61 per ton
2012	Quality 1 - \$28.35 per ton Quality 2 - \$29.77 per ton
2013	Quality 1 - \$28.35 per ton Quality 2 - \$29.77 per ton
2014	Quality 1 - \$28.50 per ton Quality 2 - \$29.92 per ton
2015	Quality 1 - \$28.50 per ton Quality 2 - \$29.92 per ton
2016	Quality 1 - \$28.50 per ton Quality 2 - \$29.92 per ton
2017	Quality 1 - \$28.50 per ton Quality 2 - \$29.92 per ton
2018	Quality 1 - \$29.00 per ton Quality 2 - \$30.42 per ton
2019	Quality 1 - \$30.25 per ton Quality 2 - \$31.67 per ton

J. ESCALATIONS TO DATE:

\$0.87 per ton

I. CURRENT CONTRACT PRICE:

Quality 1 - \$29.37 per ton

A. NAME/ADDRESS:	Armstrong Coal Company, Inc / J12004 407 Brown Road Madisonville, Kentucky 42431	
B. PRODUCTION FACILITY:		
OPERATOR	Armstrong Coal Company, Inc	
MINES	Various	
LOCATION	Muhlenberg County and Ohio County, Kentucky	
C. CONTRACT EXECUTED DATE:	September 19, 2011	
D. CONTRACT DURATION:	January 1, 2012 - December 31, 2015	
E. CONTRACT AMENDMENTS:	Amendment No. 1, effective January 1, 2012 amending base quantity. Amendment No. 2, effective January 1, 2012 amending base quantity.	
F. ANNUAL TONNAGE REQUIREMENTS:	2012	355,873 tons
	2013	500,000 tons
	2014	1,000,000 tons
	2015	1,000,000 tons
G. ACTUAL TONNAGE: RECEIVED:		
		<u>LG&amp;E</u> <u>KU</u>
	2012	351,344 tons                      -
	2013	530,577 tons                      -
	2014	366,439 tons                      391,766 tons (through 10/31/14)
H. PERCENT OF ANNUAL REQUIREMENTS:	2012	99%
	2013	106%
	2014	76% (through 10/31/14)
I. BASE PRICE (FOB Railcar/Barge)	2012	\$45.00 per ton
	2013	\$46.00 per ton
	2014	\$48.00 per ton
	2015	\$49.00 per ton
J. ESCALATIONS TO DATE:	\$2.35 per ton	
I. CURRENT CONTRACT PRICE:	\$50.35 per ton	

**Attachment to Response to Question No. 15**  
**Page 9 of 19**  
**Dotson**

A. NAME/ADDRESS:	Armstrong Coal Company, Inc / J14004 407 Brown Road Madisonville, Kentucky 42431		
B. PRODUCTION FACILITY: OPERATOR MINES LOCATION	Armstrong Coal Company, Inc Various Muhlenberg County and Ohio County, Kentucky		
C. CONTRACT EXECUTED DATE:	December 12, 2012		
D. CONTRACT DURATION:	January 1, 2013 - December 31, 2017		
E. CONTRACT AMENDMENTS:	Amendment No. 1, effective October 29, 2013 amending base quantity and price.		
F. ANNUAL TONNAGE REQUIREMENTS:	2014 1,300,000 tons 2015 1,350,000 tons 2016 500,000 tons 2017 500,000 tons		
G. ACTUAL TONNAGE: RECEIVED:	2014	<u>LG&amp;E</u> 559,634 tons (through 10/31/14)	<u>KU</u> 515,250 tons
H. PERCENT OF ANNUAL REQUIREMENTS:	2014	83% (through 10/31/14)	
I. BASE PRICE(FOB Railcar/Barge)	2014	<u>Railcar</u> \$44.60 per ton	<u>Barge</u> \$45.60 per ton
	2015	\$46.01 per ton	\$47.01 per ton
	2016	\$46.75 per ton	\$47.75 per ton
	2017	\$47.90 per ton	\$48.90 per ton
J. ESCALATIONS TO DATE:	2014	<u>Railcar</u> \$0.09 per ton	<u>Barge</u> \$0.09 per ton
I. CURRENT CONTRACT PRICE:	2014	<u>Railcar</u> \$44.69 per ton	<u>Barge</u> \$45.69 per ton

A. NAME/ADDRESS:	Armstrong Coal Company, Inc / J14010 407 Brown Road Madisonville, Kentucky 42431	
B. PRODUCTION FACILITY:		
OPERATOR	Armstrong Coal Company, Inc	
MINES	Various	
LOCATION	Muhlenberg County and Ohio County, Kentucky	
C. CONTRACT EXECUTED DATE:	December 12, 2012	
D. CONTRACT DURATION:	January 1, 2014 - December 31, 2019	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2014	100,000 tons
	2015	100,000 tons
	2016	100,000 tons
	2017	100,000 tons
	2018	100,000 tons
	2019	100,000 tons
G. ACTUAL TONNAGE: RECEIVED:		
		<u>LG&amp;E</u> <u>KU</u>
	2014	32,264 tons                      54,445 tons
		(through 10/31/14)
H. PERCENT OF ANNUAL REQUIREMENTS:	2014	87% (through 10/31/14)
I. BASE PRICE (FOB Barge/Railcar)	2014	\$40.00 per ton
	2015	\$41.00 per ton
	2016	\$42.00 per ton
	2017	\$43.00 per ton
	2018	\$44.00 per ton
	2019	\$45.00 per ton
J. ESCALATIONS TO DATE:	None	
I. CURRENT CONTRACT PRICE:	\$40.00 per ton	

A. NAME/ADDRESS: Foresight Coal Sales, LLC / J12005  
211 North Broadway, Suite 2600  
St. Louis, Missouri 63102

B. PRODUCTION FACILITY:  
OPERATOR: Macoupin Energy, LLC  
Sugar Camp Energy, LLC  
MINES: Shay Mine No. 1  
Deer Run Mine  
Sugarcamp Mine  
LOCATION: Macoupin, Montgomery and Franklin Counties,  
Illinois

C. CONTRACT EXECUTED DATE: March 14, 2012

D. CONTRACT DURATION: April 1, 2012 - December 31, 2017

E. CONTRACT AMENDMENTS: Amendment No. 1, effective September 10, 2013  
amending, term, quantity and price.

F. ANNUAL TONNAGE REQUIREMENTS

2012	500,000 tons
2013	1,000,000 tons
2014	1,000,000 tons
2015	1,000,000 tons
2016	Reopener
2017	Reopener

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2012	265,101 tons	234,758 tons
2013	501,975 tons	462,614 tons
2014	382,417 tons	466,668 tons (through 10/31/14)

H. PERCENT OF ANNUAL REQUIREMENTS:

2012	100%
2013	96%
2014	85% (through 10/31/14)

I. BASE PRICE: (FOB Barge)	2012	\$46.00 per ton
	2013	\$48.50 per ton
	2014	\$39.75 per ton
	2015	\$43.50 per ton
	2016	Reopener
	2015	Reopener

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$39.75 per ton



A. NAME/ADDRESS: Patriot Coal Sales, LLC / J13004  
12312 Olive Boulevard, Suite 400  
St. Louis, Missouri 63141

B. PRODUCTION FACILITY:  
OPERATOR Highland Mining Company, LLC  
MINE Highland Mine  
LOCATION Union County, Kentucky

C. CONTRACT EXECUTED DATE: February 1, 2013

D. CONTRACT DURATION: February 1, 2013 - December 31, 2015

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE REQUIREMENTS:

2013	300,000 tons
2014	600,000 tons
2015	300,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&amp;E</u>	<u>KU</u>
2013	14,051 tons	227,606 tons
2014	24,356 tons	366,790 tons (through 10/31/14)

H. PERCENT OF ANNUAL REQUIREMENTS:

2013	81%
2014	65% (through 10/31/14)

I. BASE PRICE (FOB Barge):

2013	\$41.90 per ton
2014	\$47.00 per ton
2015	\$49.75 per ton

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$47.00 per ton

A. NAME/ADDRESS: Patriot Coal Sales, LLC / J14011  
12312 Olive Boulevard, Suite 400  
St. Louis, Missouri 63141

B. PRODUCTION FACILITY:  
OPERATOR Highland Mining Company, LLC  
MINE Highland Mine  
LOCATION Union County, Kentucky

C. CONTRACT EXECUTED DATE: November 14, 2013

D. CONTRACT DURATION: January 1, 2014 - December 31, 2015

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE REQUIREMENTS: 2014 500,000 tons  
2015 500,000 tons

G. ACTUAL TONNAGE RECEIVED: 2014 LG&E 24,212 tons KU 271,299 tons  
(through 10/31/14)

H. PERCENT OF ANNUAL REQUIREMENTS: 2014 59% (through 10/31/14)

I. BASE PRICE (FOB Barge): 2014 \$43.75 per ton  
2015 \$43.75 per ton

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$43.75 per ton

A. NAME/ADDRESS:	Peabody COALSALES, LLC / J12011 701 Market Street St. Louis, Missouri 63101		
B. PRODUCTION FACILITY: OPERATOR	Peabody Midwest Mining, LLC		
MINE	Peabody Wild Boar Mining, LLC		
LOCATION	Somerville Mine Complex Wild Boar Warrick & Gibson Counties, Indiana		
C. CONTRACT EXECUTED DATE:	December 29, 2011		
D. CONTRACT DURATION:	January 1, 2012 – December 31, 2014		
E. CONTRACT AMENDMENTS:	Amendment No. 1, effective July 1, 2014 Amending, term, quantity and price		
F. ANNUAL TONNAGE REQUIREMENTS:	2012	1,500,000 tons	
	2013	1,500,000 tons	
	2014	1,500,000 tons	
	2015	1,000,000 tons	
G. ACTUAL TONNAGE RECEIVED:			
		<u>KU</u>	
		<u>LGE</u>	
	2012	995,669 tons	510,080 tons
	2013	1,031,172 tons	448,290 tons
	2014	863,601 tons	452,286 tons
		(through 10/31/14)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2012	100%	
	2013	99%	
	2014	88% (through 10/31/14)	
I. BASE PRICE: (FOB Barge/Railcar)	2012	\$49.90 per ton – FOB Barge Evansville \$49.11 per ton – FOB Barge Warrick Co. \$44.50 per ton – FOB Railcar	
	2013	\$52.15 per ton – FOB Barge Evansville \$51.36 per ton – FOB Barge Warrick Co. \$46.75 per ton – FOB Railcar	

2014	\$54.15 per ton – FOB Barge Evansville
	\$53.36 per ton – FOB Barge Warrick Co.
	\$48.75 per ton – FOB Railcar
2015	\$44.50 per ton – FOB Barge Evansville
	\$44.50 per ton – FOB Barge Warrick Co.
	\$41.50 per ton – FOB Railcar

J. ESCALATIONS TO DATE:

\$0.34 per ton – FOB Barge Evansville  
\$0.81 per ton – FOB Warrick Co.  
\$0.40 per ton – FOB Railcar

K. CURRENT CONTRACT PRICE:

\$54.49 per ton – FOB Barge Evansville  
\$54.17 per ton – FOB Barge Warrick Co.  
\$49.15 per ton – FOB Railcar

A. NAME/ADDRESS:	Rhino Energy LLC and Pennyrile Energy LLC / J14001 424 Lewis Hargett Circle, Suite 250 Lexington, Kentucky 40503									
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Pennyrile Energy LLC Riveredge Mine McLean County, Kentucky									
C. CONTRACT EXECUTED DATE:	December 11, 2012									
D. CONTRACT DURATION:	December 10, 2014 - December 31, 2020									
E. CONTRACT AMENDMENTS:	None									
F. ANNUAL TONNAGE REQUIREMENTS:	2014 150,000 tons 2015 800,000 tons 2016 800,000 tons 2017 800,000 tons 2018 – 2020 Re-opener									
G. ACTUAL TONNAGE RECEIVED:	<table border="0" style="margin-left: 40px;"> <tr> <td></td> <td style="text-align: center;"><u>LG&amp;E</u></td> <td style="text-align: center;"><u>KU</u></td> </tr> <tr> <td>2014</td> <td>24,855 tons</td> <td>64,399 tons</td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">(through 10/31/14)</td> </tr> </table>		<u>LG&amp;E</u>	<u>KU</u>	2014	24,855 tons	64,399 tons		(through 10/31/14)	
	<u>LG&amp;E</u>	<u>KU</u>								
2014	24,855 tons	64,399 tons								
	(through 10/31/14)									
H. PERCENT OF ANNUAL REQUIREMENTS:	2014 60% (through 10/31/14)									
I. BASE PRICE (FOB Barge):	2014 \$45.25 per ton 2015 \$46.50 per ton 2016 \$48.25 per ton 2017 \$50.00 per ton 2018 – 2020 Re-opener									
J. ESCALATIONS TO DATE:	None									
K. CURRENT CONTRACT PRICE:	\$45.25 per ton									

A. NAME/ADDRESS: Triad Mining, LLC / J12009  
3228 Summiy Square Place, Suite 180  
Lexington, Kentucky 40509

B. PRODUCTION FACILITY:  
OPERATOR: Triad Mining, LLC  
MINES: Log Creek  
LOCATION: Pike County, Indiana

C. CONTRACT EXECUTED DATE: December 19, 2011

D. CONTRACT DURATION: January 1, 2012 - December 31, 2014

E. CONTRACT AMENDMENTS: Letter Agreement dated February 1, 2012. Add barge delivery during January-February 2012. Letter Amendment, effective April 21, 2014. Add truck FOB Delivered Price. Contract Assignment Letter dated September 3, 2014, assigning contract from Triad Mining, Inc. to Triad Mining, LLC.

F. ANNUAL TONNAGE REQUIREMENTS:

2012	700,000 tons
2013	700,000 tons
2014	700,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>
2012	689,960 tons
2013	667,644 tons
2014	438,672 tons (through 10/31/14)

H. PERCENT OF ANNUAL REQUIREMENTS:

2012	99%
2013	95%
2014	63% (through 10/31/14)

I. BASE PRICE: (FOB Railcar)

2012	\$45.50 per ton
2013	\$47.50 per ton
2014	\$49.00 per ton

J. ESCALATIONS TO DATE: -\$0.45 per ton

K. CURRENT CONTRACT PRICE: \$48.55 per ton

A. NAME/ADDRESS: White Oak Resources LLC / J14003  
121 South Jackson Street  
McLeansboro, Illinois 62859

B. PRODUCTION FACILITY:  
OPERATOR: White Oak Resources LLC  
MINES: White Oak #1 Mine  
LOCATION: Hamilton County, Illinois

C. CONTRACT EXECUTED DATE: March 14, 2013

D. CONTRACT DURATION: March 1, 2013 - December 31, 2015

E. CONTRACT AMENDMENTS: Letter Agreement dated March 5, 2014; add substitute coal source per Section 4.5.  
Letter Agreement dated April 25, 2014; add substitute coal source per Section 4.5.

F. ANNUAL TONNAGE REQUIREMENTS:

2014	360,000 tons
2015	360,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2014	167,227 tons (through 10/31/14)	81,159 tons

H. PERCENT OF ANNUAL REQUIREMENTS:

2014	69% (through 10/31/14)
------	------------------------

I. BASE PRICE: (FOB Barge)

2014	\$47.60 per ton
2015	\$49.10 per ton

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$47.60 per ton

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 16**

**Witness: Robert M. Conroy**

Q-16. Provide a schedule of the present and proposed rates that LG&E seeks to change pursuant to 807 KAR 5:056, shown in comparative form.

A-16. See the response to Question No. 1.



**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 17**

**Witness: Robert M. Conroy**

Q-17. Provide a statement showing by cross-outs and italicized inserts all proposed changes in rates. A copy of the current tariff may be used.

A-17. See the response to Question No. 1.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 18**

**Witness: Mike Dotson**

- Q-18. a. State whether LG&E regularly compares the price of its coal purchases with those paid by other electric utilities.
- b. If the response is yes, state:
- (1) The utilities that are included in this comparison and their locations; and
  - (2) How LG&E's prices compare with those of the other utilities for the review period. Include all prices used in the comparison in cents per MMBtu.

- A-18. a. Yes.
- b. LG&E compares pricing of its coal purchases with neighboring utilities from data that is compiled by Energy Velocity database. The utilities included in the comparison are shown on the list found on page 1 of the Attachment to this response. The chart found on page 2 of the Attachment shows the price comparison for coal containing greater than 5.0 lbs. SO<sub>2</sub> content, which coal is in line with the coal used in all of LG&E's units.

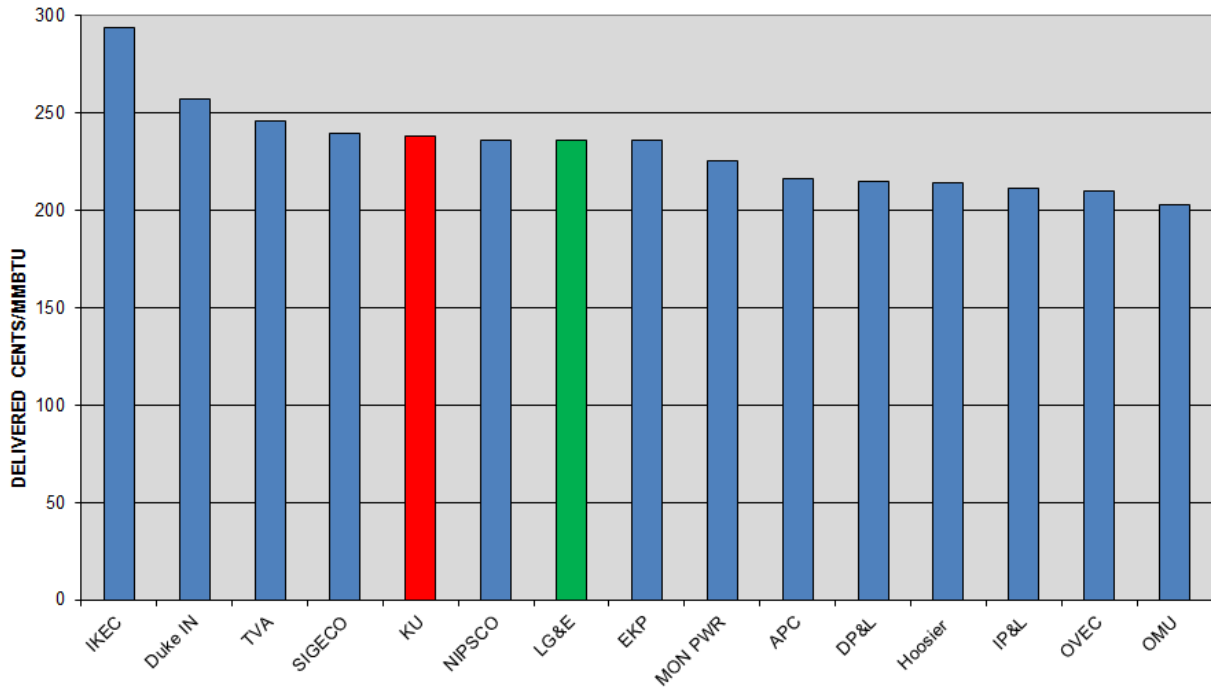
The chart on Page 3 of the Attachment shows the price comparison of coal containing less than 5.0 lbs. SO<sub>2</sub> content. LG&E accepts deliveries of lower sulfur coal to satisfy bids with a sulfur content specification of 6 lbs. The lower sulfur coal is being supplied under a contract specifying high sulfur content coal and appropriate pricing; therefore, the price of the lower sulfur content coal is similar to what LG&E is paying for high sulfur coal.

**Attachment to Response  
to Question No. 18  
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Dotson**

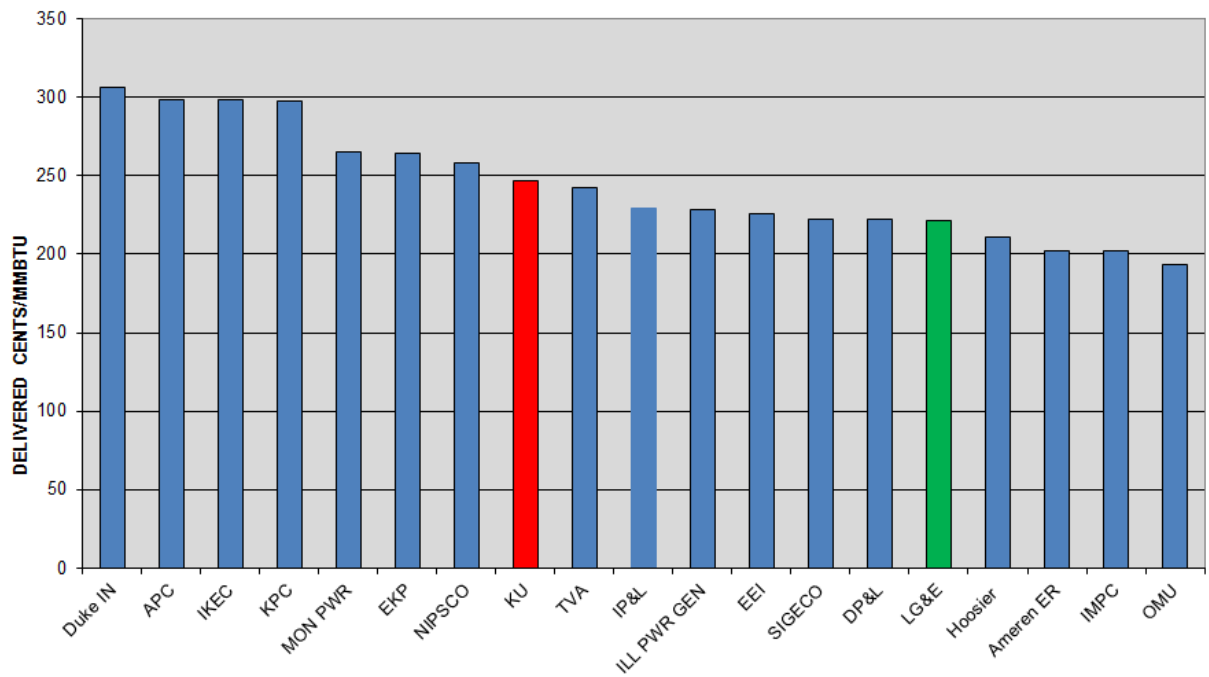
<b>Utilities in Comparison List</b>		
<b>UTILITY</b>	<b>ABBREVIATED</b>	<b>PLANT LOCATIONS</b>
AmerenEnergy Generating Co	Ameren ER	Illinois
Illinois Power Generating Co	ILL PWR GEN	Illinois
Appalachian Power Co	APC	Virginia, West Virginia
Dayton Power & Light Co (The)	DP&L	Ohio
Duke Energy Indiana	Duke IN	Indiana
East Kentucky Power Coop	EKP	Kentucky
Electric Energy Inc	EEL	Illinois
Hoosier Energy Rural Electric Coop Inc	Hoosier	Indiana
Indiana Kentucky Electric Corp	IKEC	Indiana
Indiana Michigan Power Co	IMPC	Indiana
Indianapolis Power & Light	IP&L	Indiana
Kentucky Power Co	KPC	Kentucky
Kentucky Utilities Co	KU	Kentucky
Louisville Gas & Electric Co	LG&E	Kentucky
Monongahela Power Co	MON PWR	West Virginia
Northern Indiana Public Service Co	NIPSCO	Indiana
Ohio Valley Electric Corp	OVEC	Ohio
Owensboro Municipal Utilities	OMU	Kentucky
Southern Indiana Gas & Electric Co	SIGECO	Indiana
Tennessee Valley Authority	TVA	Alabama, Kentucky, Tennessee

Attachment to Response to Question No. 18  
Page 2 of 3  
Dotson

Delivered Price Comparison  $\geq 5.0$  Lbs SO<sub>2</sub> Content  
(Dec 13 - Nov 14)



Delivered Price Comparison < 5.0 Lbs SO<sub>2</sub> Content  
(Dec 13 - Nov 14)



**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 19**

**Witness: Mike Dotson**

Q-19. For the period under review by generating station, list the percentages of LG&E's coal delivered by:

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

A-19. a. Rail: 48%

b. Truck: 0%

c. Barge: 52%

**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 20**

**Witness: Mike Dotson**

Q-20. For each generating station, state the methods of coal delivery currently available.

A-20. Mill Creek: Barge and Rail

Cane Run: Rail

Trimble County: Barge

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 21**

**Witness: Mike Dotson**

- Q-21. a. State LG&E's coal inventory level in tons and in number of days' supply as of October 31, 2014, Provide this information by generating station and in the aggregate.
- b. Describe the criteria used to determine the number of days' supply.
- c. Compare LG&E's coal inventory as of October 31, 2014 to its inventory target for that date for each plant and for total inventory.
- d. If actual coal inventory exceeds inventory target by 10 days' supply, state the reasons for the additional inventory.
- e. (1) State whether LG&E expects any significant changes in its current coal inventory target within the next 12 months.
- (2) If the response is yes, state the expected change and the reasons for this change.

A-21. a. As of October 31, 2014:

Cane Run	112,087 Tons; 19 Days	Target 18-38 Days
Mill Creek	707,646 Tons; 48 Days	Target 20-43 Days
Trimble County*	156,906 Tons; 35 Days	Target 21-44 Days
Total	976,639 Tons; 36 Days	Target 20-41 Days

\* Trimble County coal inventory includes both high sulfur coal, which is used in Units 1 and 2, and PRB coal, which is used only in Unit 2.

- b. The method of calculating days in inventory is based on each plant's coal burn capability (coal tons in inventory divided by 90% of each generating unit's heat input description from its air permit to operate).

Upper and lower tons/day targeted inventory days were established for each plant taking into consideration each plant's operating parameters. Each plants "least cost"



inventory range is established annually during the planning process based on historical coal burn/receipt variances, procurement reaction time for long-term fuel supply agreements, current coal and electricity prices offset by carrying and outage costs.

- c. See (a) above.
- d. Not applicable.
- e. (1) With the exception of Cane Run Station, LG&E does not expect significant changes in its current coal inventory target levels for individual plants; however, during the Companies' planning cycle minor adjustments may be made to the inventory targets if warranted.  
  
(2) Cane Run coal units are scheduled for closure upon commissioning of Cane Run Unit 7 gas-fired combined cycle Unit in 2015. We plan on eliminating coal inventory at Cane Run at that time.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 22**

**Witness: Mike Dotson**

- Q-22. a. State whether LG&E has audited any of its coal contracts during the period from May 1, 2014 to October 31, 2014.
- b. If the response is yes, for each audited contract:
- (1) Identify the contract;
  - (2) Identify the auditor;
  - (3) State the results of the audit; and
  - (4) Describe the actions that LG&E took as a result of the audit.
- A-22. a. No. LG&E has not conducted any financial audits of coal companies. LG&E's current coal contracts either contain a fixed price or a portion of the base contract price is adjusted using government published indices to reflect the changes in the cost. These agreements thus do not require audits. Either LG&E's Manager Fuels Technical Services or LG&E's Mining Engineer conducts scheduled on-site reviews and inspections of the mining operations, scales and sampling systems of each vendor up to twice a year, and likewise may conduct unscheduled visits. Additionally, LG&E employees may visit a vendor as needed to address problems and issues at any time.

As noted in previous filings, coal mine safety regulations were imposed by the Federal Mine Safety and Health Administration. As claims are received, LG&E reviews and may use a consultant to review the claims.

Alliance Coal, LLC in accordance with the provisions of Section 8.3 New Impositions of Agreement J12007, requested a price increase for calendar year 2013. The Parties agreed to a settlement. A copy of the Settlement Agreement effective November 17,

2014 is being filed with the Commission under seal pursuant to a Petition for Confidential Protection.

Alliance Coal, LLC in accordance with the provisions of Section 8.3 New Impositions of Agreement J09002, requested a price increase for calendar year 2013. The Parties agreed to a settlement. A copy of the Settlement Agreement effective October 13, 2014 is being filed with the Commission under seal pursuant to a Petition for Confidential Protection.

- b. Not applicable

**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 23**

**Witness: Robert M. Conroy**

- Q-23. a. State whether LG&E has received any customer complaints regarding its FAC during the period from May 1, 2014 to October 31, 2014.
- b. If the response is yes, for each complaint, state:
- (1) The nature of the complaint; and
  - (2) LG&E's response.
- A-23. a. No.
- b. Not applicable.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 24**

**Witness: Mike Dotson**

- Q-24. a. State whether LG&E is currently involved in any litigation with its current or former coal suppliers.
- b. If the response is yes, for each litigation:
- (1) Identify the coal supplier;
  - (2) Identify the coal contract involved;
  - (3) State the potential liability or recovery to LG&E;
  - (4) List the issues presented; and
  - (5) Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.
- c. State the current status of all litigation with coal suppliers.
- A-24. a. LG&E is not involved in any litigation with its coal suppliers.
- b. Not applicable.
- c. Not applicable.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 25**

**Witness: Mike Dotson**

- Q-25. List each written coal supply solicitation issued during the period May 1, 2014 to October 31, 2014.
- a. For each solicitation, provide the date of the solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
  - b. For each solicitation, state the number of vendors to whom the solicitation was sent, the number of vendors who responded, and the selected vendor. Provide the bid tabulation sheet or corresponding document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.
- A-25. a. The final selection of the vendors who responded to the solicitation dated March 3, 2014 was completed for PRB Coal (Trimble County Unit 2), Green River Station and high sulfur spot purchase for 2014 and were filed in Case No. 2014 – 00228. The responses for high sulfur coal after 2014 were not completed at the time the data responses were filed. The requested information for the selected vendors is provided below for the high sulfur purchase for 2015 – 2017.
- a. Date: March 3, 2014  
Contract/Spot: Contract or Spot  
Quantities: No minimum or maximum specified  
Quality: Suitable for LG&E and KU power plants  
Period: Up to 5 years  
Generating Units: All LG&E and KU power plants
  - b. Number of vendors receiving bids: 128  
Number of vendors responded: 24 companies / 44 offers  
Selected vendor(s): The vendor(s) selected were based upon the lowest evaluated delivered cost.

Purchase for 2015

Peabody Coalsales LLC J12011 Amendment No. 1

Purchase for 2016

Patriot Coal Sales – J16001  
The American Coal Company – J16002  
Alliance Coal LLC – J16004

Purchase for 2016 & 2017

Armstrong Coal – J16003

The bid analysis information is confidential and proprietary information and is being filed with the Commission under seal pursuant to a Petition for Confidential Protection.

- a. Date: August 11, 2014  
Contract/Spot: Contract or Spot  
Quantities: No minimum or maximum specified  
Quality: Suitable for LG&E and KU power plants  
Period: Up to 6 years  
Generating Units: All LG&E and KU power plants
  
- b. Number of vendors receiving bids: 124  
Number of vendors responded: 21 companies / 39 offers  
Selected vendor(s): The vendor(s) selected were based upon the lowest evaluated delivered cost.

Middlings coal

Arch Coal Sales – J15003  
River Trading Company – J15004

The final selection of the vendor(s) for high sulfur coal for the period of 2015 -2019 from the bids are in negotiation and are still in progress. The name of the selected vendors and supporting bid tabulation will be provided to the commission after the negotiation are completed and the agreements signed

The bid analysis information is confidential and proprietary information and is being filed with the Commission under seal pursuant to a Petition for Confidential Protection.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 26**

**Witness: Mike Dotson**

- Q-26. List each oral solicitation for coal supplies issued during the period from May 1, 2014 to October 31, 2014.
- a. For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
  - b. For each solicitation, identify all vendors solicited and the vendor selected. Provide the bid tabulation sheet or other document that ranks the proposals. (This document shall identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.
- A-26. LG&E did not issue any oral coal solicitation.
- a. Not applicable.
  - b. Not applicable.



**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 27**

**Witness: Mike Dotson**

Q-27. For the period from May 1, 2014 to October 31, 2014, list each vendor from whom coal was purchased and the quantity and nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract. For contract purchases, state whether the contract has been filed with the Commission. If the response is no, explain why it has not been filed.

A-27. The contracts have been filed with the Commission.

<b><u>PURCHASE VENDOR</u></b>	<b><u>PURCHASE TONNAGE</u></b>	<b><u>TYPE</u></b>
Alliance – J09002	628,152	Contract
Alliance – J12007	1,449,765	Contract
Alliance – J14042	80,394	Spot
Alliance – J14050	41,714	Spot
Arch Coal Sales – J14018	3,115	Spot
Armstrong Coal – J07032	194,053	Contract
Armstrong Coal – J12004	205,096	Contract
Armstrong Coal – J14004	403,890	Contract
Armstrong Coal – J14010	17,346	Contract
Foresight – J12005	301,239	Contract
Peabody Coal Sales – J12011	231,980	Contract
Peabody Coal Sales – J14044	33,968	Spot
Rhino Energy – J14001	24,856	Contract
The American Coal Co. – J14002	299,730	Spot
The American Coal Co. – J14043	99,610	Spot
Vitol – J14048	30,515	Spot
White Oak – J14003	<u>62,690</u>	Contract
TOTAL	4,108,113	
	3,519,067	85.7% Contract
	<u>589,046</u>	14.3% Spot
	4,108,113	

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
in Appendix B of Commission's Order Dated February 5, 2015**

**Case Nos. 2014-00453 and 2014-00228**

**Question No. 28**

**Witness: Robert M. Conroy**

Q-28. For the period from May 1, 2014 to October 31, 2014, list each vendor from whom natural gas was purchased for generation and the quantity and nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract. For contract purchases, state whether the contract has been filed with the Commission. If the response is no, explain why it has not been filed.

A-28. Please see the attachment for the list of vendors, associated quantities, and the nature of the natural gas purchases. Natural gas purchases (other than purchases made pursuant to the Special Contract referenced below) are purchased solely on an 'as-needed' spot market basis. LG&E/KU (jointly) has executed Master Agreements with various natural gas suppliers that provide a contractual framework for potential spot purchase transactions. These Master Agreements include no specific price, volume, delivery period or location information and therefore do not form a purchase transaction. As such, these Master Agreements have not been filed with the Commission. These Master Agreements enable spot purchases to occur as needed. The Special Contract is on file with the Commission.

Purchases from Louisville Gas and Electric Company are primarily for LG&E-owned coal and gas fired generation and are made in accordance with a Special Contract under 807 KAR 5:011 Section 13.<sup>1</sup> Additionally, purchases from Columbia Gas are for KU-owned generation served by the local distribution company.

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<sup>1</sup> The Special Contract for Firm Gas Sales and Firm Transportation Service dated September 28, 2007 and effective April 11, 2008, between Louisville Gas and Electric Company, on behalf of its Gas Distribution Business, and Louisville Gas and Electric Company and Kentucky Utilities Company, on behalf of their Electric Generation Business, was approved by the Kentucky Public Service Commission in Case No. 2007-00449.

LG&E and KU have joint ownership in the following combustion turbine units:

Station	Units	LG&E Ownership	KU Ownership
Trimble County	5 and 6	29%	71%
Trimble County	7, 8, 9 and 10	37%	63%
Brown	5	53%	47%
Paddy's Run	13	53%	47%
Brown	6 and 7	38%	62%

Fuel expenses for actual commodity used and associated pipeline transport charges, if any, are allocated to the Companies based on their respective ownership percentages.

**Natural Gas Purchases 5/1/2014 - 10/31/2014**

<u>Purchase Vendor</u>	<u>Type</u>	<u>MMBTU</u>
Atmos Energy	Spot	36,000
BP Energy Co.	Spot	543,100
Castleton Commodities	Spot	11,900
Central Crude	Spot	500
CIMA Energy	Spot	27,000
Columbia Gas of KY	Spot*	804
Colonial Energy	Spot	59,470
Conoco Phillips	Spot	237,200
Direct Energy Business Marketing	Spot	48,600
DTE Energy	Spot	301,300
EDF Energy Trading	Spot	30,000
Enbridge Energy	Spot	41,500
Hess Energy Marketing	Spot	1,200
JP Morgan Ventures	Spot	637,863
Laclede Energy	Spot	135,100
LGE-GAS SUPPLY	Special Contract*	276,700
Macquarie Cook Energy	Spot	97,300
Mieco Inc.	Spot	300
NJR Energy Services	Spot	129,700
Sempra Midstream	Spot	19,200
Sequent Energy	Spot	886,541
Shell Energy North America	Spot	210,000
Southwestern Energy	Spot	100,650
Tenaska Marketing	Spot	777,150
Tennessee Gas Pipeline	Imbalance Cashout	4,723
Tennessee Valley Authority	Spot	24,500
Twin Eagle Resources	Spot	111,100
United Energy	Spot	1,800
	Total Volume	4,751,201

\*-Local Distribution Company service, with no volume purchase commitments.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 29**

**Witness: Robert M. Conroy / Mike Dotson**

Q-29. State whether LG&E engages in hedging activities for its coal or natural gas purchases used for generation. If the response is yes, describe the hedging activities in detail.

A-29. LG&E does not engage in financial hedging activities for its coal purchases. LG&E does use physical hedging in contracting for coal. LG&E uses the following guidelines in utilization of coal under contract for the minimum projected requirement:

1 year out	95 – 100%
2 years out	80 – 90%
3 years out	40 – 90%
4 years out	30 - 70%
5 years out	10 - 50%
6 years out	0 - 30%

LG&E does not currently engage in hedging activities for natural gas purchases.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 30**

**Witness: Mike Dotson / Charles R. Schram**

Q-30. For each generating station or unit for which a separate coal pile is maintained, state for the period from May 1, 2014 to October 31, 2014 the actual amount of coal burned in tons, actual amount of coal deliveries in tons, total kWh generated, and actual capacity factor at which the plant operated.

A-30. The information requested from May 1, 2014 to October 31, 2014 is shown in the table below:

Plant	Coal Burn (Tons)	Coal Receipts (Tons)	Net MWh	Capacity Factor (Net MWh)/ (period hrs x MW rating)
Cane Run	581,004	541,229	1,183,203	47.6%
Mill Creek	1,951,661	1,992,217	4,370,591	67.2%
Trimble County HS	N/A	1,574,667	N/A	N/A
Trimble County PRB	N/A	315,256	N/A	N/A
Trimble County 1	820,234	N/A	1,771,542	78.6%
Trimble County 2	913,091	N/A	2,125,697	65.8%

Notes: 1 – Trimble County values reflect 100% of the unit. Trimble County 2 is owned by KU (60.75%), LG&E (14.25%), IMPA (12.88%), and IMEA (12.12%).

2 – The North American Electric Reliability Council Generation Availability Data System defines capacity factor as the value equal to the net MWh produced divided by the product of the hours in the period and the unit rating.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 31**

**Witness: Mike Dotson**

- Q-31. a. During the period from May 1, 2014 to October 31, 2014, have there been any changes to LG&E's written policies and procedures regarding its fuel procurement?
- b. If yes,
- (1) Describe the changes;
  - (2) State the date(s) the changes were made;
  - (3) Explain why the changes were made; and
  - (4) Provide the written policies and procedures as changed.
- c. If no, provide the date when LG&E's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.
- A-31. a. No changes made during the period reference above.
- b. Not applicable.
- c. The Fuel Procurement Policies and Procedure were last changed effective March 1, 2013 and were provided to the Commission in response to Question No. 31 in Case No. 2012-00553.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 32**

**Witness: Mike Dotson**

- Q-32. a. State whether LG&E is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period from May 1, 2014 to October 31, 2014.
- b. If the response is yes, for each violation:
- (1) Describe the violation;
  - (2) Describe the action(s) that LG&E took upon discovering the violation; and
  - (3) Identify the person(s) who committed the violation.
- A-32. a. No.
- b. Not applicable.



**LOUISVILLE GAS AND ELECTRIC COMPANY**

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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 33**

**Witness: Mike Dotson**

Q-33. Identify and explain the reasons for all changes in the organizational structure and personnel of the departments or divisions that are responsible for LG&E's fuel procurement activities that occurred during the period from May 1, 2014 to October 31, 2014.

A-33. There have been no changes in the organizational structure during the period from May 1, 2014 through October 31, 2014.

Kody Maikranz worked in the Fuels Department as a summer intern from May 12, 2014 to August 8, 2014.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 34**

**Witness: Eileen Saunders**

- Q-34. a. Identify all changes that LG&E made during the period from May 1, 2014 to October 31, 2014 to its maintenance and operation practices that affect fuel usage at LG&E's generation facilities.
- b. Describe the impact of these changes on LG&E's fuel usage.
- A-34 a. None.
- b. Not applicable.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 35**

**Witness: Robert M. Conroy**

- Q-35. a. List all intersystem sales during the period from May 1, 2014 to October 31, 2014 in which LG&E used a third party's transmission system.
- b. For each sale listed above:
- (1) Describe how LG&E addressed, for FAC reporting purposes, the cost of fuel expended to cover any line losses incurred to transmit its power across the third party's transmission system; and
  - (2) State the line-loss factor used for each transaction and describe how such line-loss factor was determined.
- A-35. a. There were no inter-system sales from May 1, 2014 through October 31, 2014, which required a third party's transmission system.
- b. Not applicable.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 36**

**Witness: Robert M. Conroy**

- Q-36. Describe each change that LG&E made to its methodology for calculating intersystem sales line losses during the period from May 1, 2014 to October 31, 2014.
- A-36. There have been no changes regarding the calculation of losses associated with intersystem sales. LG&E continues to use a line loss factor of 0.5% to determine the cost of fuel associated with line losses incurred to make an intersystem sale and recovered from such sale consistent with the Commission's June 7, 2013, Amended Order in Case No. 2012-00553.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 37**

**Witness: Mike Dotson**

Q-37. State whether LG&E has solicited bids for coal with the restriction that it was not mined through strip mining or mountain top removal. If the response is yes, explain the reasons for the restriction on the solicitation, the quantity in tons and price per ton of the coal purchased as a result of this solicitation, and the difference between the price of this coal and the price it could have obtained for the coal if the solicitation had not been restricted.

A-37. LG&E has not solicited bids with this restriction.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 38**

**Witness: Charles R. Schram**

- Q-38. List LG&E's generating units in economic dispatch order. State whether LG&E operated its generating units in economic dispatch order during the period under review. If the response is no, explain.
- A-38. Please see the attached sheet, which shows the generating units' dispatch order rank for each month of the two-year review period.

Consistent with their historical practice since their merger in 1998, KU and LG&E jointly dispatched their generation fleet during the period under review to produce energy at the lowest cost to reliably serve customers, taking into account locational and operational limits of generation and transmission equipment, reliability factors, and other economic considerations. The generation fleet presently consists of both coal-fired base load units and fossil-fueled natural gas combustion turbines ("CTs"), built to serve primarily as peaking units.

Each month, the Companies produce a list of generating units in dispatch order ("Genstack"). The Genstack details the cost of producing a MWh of electricity from each unit. The unit order is affected primarily by fuel cost and each unit's efficiency, better known as heat rate. Each day, a dispatch plan is developed, modifying the monthly Genstack as needed to reflect unit availability status, any change in fuel costs, and other operating and reliability factors. Fuel costs for the base load coal units typically do not change significantly within a given month. Natural gas prices, however, can change frequently, making the relative position of natural gas-fired CTs in the Genstack more variable in each daily plan.

LG&E / KU

Rank of Dispatch Costs from Monthly Genstacks (11/2012 - 10/2014)

Unit	11/2012	12/2012	01/2013	02/2013	03/2013	04/2013	05/2013	06/2013	07/2013	08/2013	09/2013	10/2013	11/2013	12/2013	01/2014	02/2014	03/2014	04/2014	05/2014	06/2014	07/2014	08/2014	09/2014	10/2014
BROWN 1	18	19	19	19	18	17	17	17	17	17	19	18	18	19	17	17	17	18	16	18	18	18	18	18
BROWN 2	15	14	14	14	14	13	12	15	15	15	14	14	14	13	16	16	16	16	15	17	17	17	17	17
BROWN 3	17	18	18	18	19	18	16	18	18	18	18	19	19	18	19	18	18	19	19	19	19	19	19	19
CANE RUN 4	16	17	15	15	15	15	15	14	13	13	13	13	13	14	15	15	15	15	17	16	16	16	16	16
CANE RUN 5	10	11	12	13	13	14	14	12	11	11	12	12	12	12	9	9	9	10	12	13	13	13	13	13
CANE RUN 6	13	15	17	17	17	19	19	16	16	16	16	17	17	17	13	13	13	13	14	14	14	14	14	14
GHENT 1	5	4	8	8	9	8	8	7	8	7	8	8	8	8	10	10	10	9	9	9	9	9	9	9
GHENT 2	2	2	5	4	5	4	5	5	5	4	5	5	5	5	4	5	4	3	5	5	5	5	5	4
GHENT 3	6	7	10	10	10	10	10	10	10	10	10	10	10	10	12	12	11	11	10	10	10	10	10	10
GHENT 4	8	8	11	11	11	11	11	11	12	12	11	11	11	11	11	11	12	12	11	11	11	11	11	11
GR RIVER 3	19	16	16	16	16	16	18	19	19	19	17	17	16	15	18	19	19	17	18	15	15	15	15	15
GR RIVER 4	11	9	4	5	6	6	7	8	7	8	6	6	6	3	2	2	2	2	2	2	2	2	2	2
MILL CREEK 1	4	3	6	6	4	5	4	4	4	5	4	4	4	6	6	4	5	4	4	4	4	4	4	5
MILL CREEK 2	7	5	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	4	3	3	3	3	3	3
MILL CREEK 3	12	10	7	7	7	7	6	6	6	6	7	7	7	7	8	8	7	7	7	7	7	7	7	7
MILL CREEK 4	9	12	9	9	8	9	9	9	9	9	9	9	9	9	7	7	8	8	8	8	8	8	8	8
TRIMBLE 1	3	6	2	2	2	2	2	2	2	2	2	2	3	4	5	6	6	6	6	6	6	6	6	6
TRIMBLE 2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OVEC	14	13	13	12	12	12	13	13	14	14	15	15	15	16	14	14	14	14	13	12	12	12	12	12
BROWN 5	23	25	24	25	23	24	24	24	23	23	23	23	23	25	26	26	24	24	23	23	23	23	23	23
BROWN 6 & 7	21	21	21	21	21	20	21	21	20	20	21	21	21	21	20	22	22	21	20	20	21	20	20	20
BROWN 8 & 11	25	24	23	24	25	26	26	25	24	24	25	25	25	24	25	25	26	26	25	24	24	24	25	25
BROWN 9 & 10	24	23	22	23	24	25	25	26	25	25	24	24	24	23	24	24	25	25	24	25	25	25	24	24
TRIMBLE 5 - 10	20	20	20	20	20	21	20	20	21	21	20	20	20	20	21	21	21	20	21	21	20	21	21	21
CANE RUN 11	29	29	28	29	29	29	29	29	29	29	29	29	29	29	29	27	27	29	28	28	28	28	28	28
HAEFLING	30	31	30	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	30	30	30	30	30	30
PADDYS RUN 11	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	28	27	26	26	26	26	26	26
PADDYS RUN 12	28	28	29	28	28	28	28	28	28	28	28	28	28	28	28	28	29	30	28	27	27	27	27	27
PADDYS RUN 13	22	22	26	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	22	22	22	22	22	22
ZORN 1	31	30	31	30	30	30	30	30	30	31	30	30	30	30	30	30	29	30	29	29	29	29	29	29

NOTES: 1 - Tyrone 3 is not listed because it was on inactive reserve status after 5/2011, and then retired on 2/1/2013.  
 2 - Brown 6 & 7, Brown 8 & 11, Brown 9 & 10, and Trimble 5 - 10 are grouped to reflect identical dispatch costs.

**LOUISVILLE GAS AND ELECTRIC COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00453 and 2014-00228**

**Question No. 39**

**Witness: Robert M. Conroy**

Q-39. By month, provide the \$/mWh of fuel costs allocated each to native load and off-system sales for November 2012 through the most recent month available. Include in the response the calculations supporting the \$/mWh amounts.

A-39. LG&E does not directly allocate fuel costs to native load. The Company uses its After-the-Fact Billing process ("AFB") to determine the inter-company transactions and to allocate its highest incremental costs of production (generation fuel cost or purchase power energy cost) to off-system sales for exclusion from recovery in the FAC. All other fuel costs and purchase power expenses not otherwise excluded due to forced outages or purchases greater than the Company's highest cost unit are included in the FAC for recovery from native load.

For off-system sales, since 2001 the Company has included in the monthly Form B supporting schedules the \$/MWh of fuel costs allocated to off-system sales. For the period under review, this information is contained on the Detailed Power Transaction Schedule, Form B – Page 2, Sheet 2 of 2. The requested information is summarized on the attachment to this response.

For native load, the attachment to this response shows a calculation of the \$/MWh based on the fuel costs and purchase power expenses included in the monthly FAC filings.



Louisville Gas and Electric Company  
 Response to Question No. 39  
 Case No. 2014-00453

Month

	NATIVE LOAD				OFF SYSTEM SALES			
	Fuel Dollars		mWh	\$/mWh	Fuel Dollars		mWh	\$/mWh
Nov-12								
Total Fuel for Generation (1)	\$ 31,934,044	(2)	1,312,455.000	(3) \$ 24.33				
Total Purchased Power (1)	\$ 2,249,391	(4)	79,362.000	(3) \$ 28.34				
System Losses			(39,277.888)	(5)				
Total	\$ 34,183,435		1,352,539.112	\$ 25.27				
Intra-System OSS for KU Economy	\$ (9,811,462)	(6)	(426,315.000)	(6)	\$ 9,811,462	(6)	426,315.000	(6) \$ 23.01
Intra-System OSS for KU Replacement	\$ -	(6)	-	(6)	\$ -	(6)	-	(6)
OSS from Generation	\$ (1,490,725)	(6)	(59,308.000)	(6)	\$ 1,490,725	(6)	59,308.000	(6) \$ 25.14
OSS from Purchased Power	\$ (467,561)	(6)	(17,147.000)	(6)	\$ 467,561	(6)	17,147.000	(6) \$ 27.27
Split Savings and Adjustments	\$ (57,224)	(6)	(407.000)	(6)	\$ 57,224	(6)	407.000	(6)
System Losses	\$ (19,686)	(7)	-		\$ 19,686	(7)	-	
	\$ 22,336,777		849,362.112	\$ 26.30	\$ 11,846,658		503,177.000	\$ 23.54
Dec-12								
Total Fuel for Generation (1)	\$ 32,752,165	(2)	1,268,326.000	(3) \$ 25.82				
Total Purchased Power (1)	\$ 2,187,859	(4)	77,451.000	(3) \$ 28.25				
System Losses			(39,147.115)	(5)				
Total	\$ 34,940,024		1,306,629.885	\$ 26.74				
Intra-System OSS for KU Economy	\$ (8,451,509)	(6)	(352,645.000)	(6)	\$ 8,451,509	(6)	352,645.000	(6) \$ 23.97
Intra-System OSS for KU Replacement	\$ (5,286)	(6)	(218.000)	(6)	\$ 5,286	(6)	218.000	(6) \$ 24.25
OSS from Generation	\$ (331,946)	(6)	(13,047.000)	(6)	\$ 331,946	(6)	13,047.000	(6) \$ 25.44
OSS from Purchased Power	\$ (300,728)	(6)	(10,880.000)	(6)	\$ 300,728	(6)	10,880.000	(6) \$ 27.64
Split Savings and Adjustments	\$ (25,848)	(6)	1.000	(6)	\$ 25,848	(6)	(1.000)	(6)
System Losses	\$ (6,326)	(7)	-		\$ 6,326	(7)	-	
	\$ 25,818,382		929,840.885	\$ 27.77	\$ 9,121,642		376,789.000	\$ 24.21
Jan-13								
Total Fuel for Generation (1)	\$ 34,996,659	(2)	1,353,906.000	(3) \$ 25.85				
Total Purchased Power (1)	\$ 2,406,642	(4)	55,913.000	(3) \$ 43.04				
System Losses			(42,987.883)	(5)				
Total	\$ 37,403,301		1,366,831.117	\$ 27.36				
Intra-System OSS for KU Economy	\$ (8,098,313)	(6)	(339,841.000)	(6)	\$ 8,098,313	(6)	339,841.000	(6) \$ 23.83
Intra-System OSS for KU Replacement	\$ (6,876)	(6)	(304.000)	(6)	\$ 6,876	(6)	304.000	(6) \$ 22.62
OSS from Generation	\$ (953,917)	(6)	(38,593.000)	(6)	\$ 953,917	(6)	38,593.000	(6) \$ 24.72
OSS from Purchased Power	\$ (432,556)	(6)	(14,823.000)	(6)	\$ 432,556	(6)	14,823.000	(6) \$ 29.18
Split Savings and Adjustments	\$ (45,506)	(6)	4.000	(6)	\$ 45,506	(6)	(4.000)	(6)
System Losses	\$ (13,864)	(7)	-		\$ 13,864	(7)	-	
	\$ 27,852,270		973,274.117	\$ 28.62	\$ 9,551,031		393,557.000	\$ 24.27
Feb-13								
Total Fuel for Generation (1)	\$ 31,589,173	(2)	1,216,492.000	(3) \$ 25.97				
Total Purchased Power (1)	\$ 1,568,534	(4)	36,071.000	(3) \$ 43.48				
System Losses			(37,202.008)	(5)				
Total	\$ 33,157,707		1,215,360.992	\$ 27.28				
Intra-System OSS for KU Economy	\$ (7,870,418)	(6)	(327,219.000)	(6)	\$ 7,870,418	(6)	327,219.000	(6) \$ 24.05
Intra-System OSS for KU Replacement	\$ -	(6)	-	(6)	\$ -	(6)	-	(6)
OSS from Generation	\$ (393,753)	(6)	(15,398.000)	(6)	\$ 393,753	(6)	15,398.000	(6) \$ 25.57
OSS from Purchased Power	\$ (250,651)	(6)	(8,672.000)	(6)	\$ 250,651	(6)	8,672.000	(6) \$ 28.90
Split Savings and Adjustments	\$ (36,118)	(6)	(499.000)	(6)	\$ 36,118	(6)	499.000	(6)
System Losses	\$ (6,567)	(7)	-		\$ 6,567	(7)	-	
	\$ 24,600,200		863,572.992	\$ 28.49	\$ 8,557,507		351,788.000	\$ 24.33
Mar-13								
Total Fuel for Generation (1)	\$ 29,880,726	(2)	1,138,797.000	(3) \$ 26.24				
Total Purchased Power (1)	\$ 1,568,419	(4)	35,220.000	(3) \$ 44.53				
System Losses			(40,642.665)	(5)				
Total	\$ 31,449,145		1,133,374.335	\$ 27.75				
Intra-System OSS for KU Economy	\$ (5,085,313)	(6)	(193,477.000)	(6)	\$ 5,085,313	(6)	193,477.000	(6) \$ 26.28
Intra-System OSS for KU Replacement	\$ (4,844)	(6)	(192.000)	(6)	\$ 4,844	(6)	192.000	(6) \$ 25.23
OSS from Generation	\$ (101,541)	(6)	(3,767.000)	(6)	\$ 101,541	(6)	3,767.000	(6) \$ 26.96
OSS from Purchased Power	\$ (197,716)	(6)	(6,254.000)	(6)	\$ 197,716	(6)	6,254.000	(6) \$ 31.61
Split Savings and Adjustments	\$ (31,117)	(6)	(335.000)	(6)	\$ 31,117	(6)	335.000	(6)
System Losses	\$ (3,078)	(7)	-		\$ 3,078	(7)	-	
	\$ 26,025,537		929,349.335	\$ 28.00	\$ 5,423,608		204,025.000	\$ 26.58

Louisville Gas and Electric Company  
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Month

	NATIVE LOAD				OFF SYSTEM SALES			
	Fuel Dollars	mWh		\$/mWh	Fuel Dollars	mWh		\$/mWh
Apr-13								
Total Fuel for Generation (1)	\$ 27,883,961 (2)	1,040,207.000 (3)		\$ 26.81				
Total Purchased Power (1)	\$ 1,386,193 (4)	45,355.000 (3)		\$ 30.56				
System Losses		(36,485.400) (5)						
Total	\$ 29,270,154	1,049,076.600		\$ 27.90				
Intra-System OSS for KU Economy	\$ (5,341,667) (6)	(202,258.000) (6)			\$ 5,341,667 (6)	202,258.000 (6)		\$ 26.41
Intra-System OSS for KU Replacement	\$ (1,180) (6)	(51.000) (6)			\$ 1,180 (6)	51.000 (6)		\$ 23.15
OSS from Generation	\$ (169,191) (6)	(6,552.000) (6)			\$ 169,191 (6)	6,552.000 (6)		\$ 25.82
OSS from Purchased Power	\$ (232,770) (6)	(7,727.000) (6)			\$ 232,770 (6)	7,727.000 (6)		\$ 30.12
Split Savings and Adjustments	\$ (27,488) (6)	(274.000) (6)			\$ 27,488 (6)	274.000 (6)		
System Losses	\$ (4,093) (7)	-			\$ 4,093 (7)	-		
	\$ 23,493,765	832,214.600		\$ 28.23	\$ 5,776,389	216,862.000		\$ 26.64
May-13								
Total Fuel for Generation (1)	\$ 30,318,874 (2)	1,164,001.000 (3)		\$ 26.05				
Total Purchased Power (1)	\$ 2,700,009 (4)	92,997.000 (3)		\$ 29.03				
System Losses		(42,923.333) (5)						
Total	\$ 33,018,883	1,214,074.667		\$ 27.20				
Intra-System OSS for KU Economy	\$ (4,468,539) (6)	(173,427.000) (6)			\$ 4,468,539 (6)	173,427.000 (6)		\$ 25.77
Intra-System OSS for KU Replacement	\$ (21,382) (6)	(507.000) (6)			\$ 21,382 (6)	507.000 (6)		\$ 42.17
OSS from Generation	\$ (800,626) (6)	(28,488.000) (6)			\$ 800,626 (6)	28,488.000 (6)		\$ 28.10
OSS from Purchased Power	\$ (1,216,185) (6)	(39,840.000) (6)			\$ 1,216,185 (6)	39,840.000 (6)		\$ 30.53
Split Savings and Adjustments	\$ (99,075) (6)	-			\$ 99,075 (6)	-		
System Losses	\$ (10,084) (7)	-			\$ 10,084 (7)	-		
	\$ 26,402,993	971,812.667		\$ 27.17	\$ 6,615,890	242,262.000		\$ 27.31
Jun-13								
Total Fuel for Generation (1)	\$ 31,710,110 (2)	1,264,863.000 (3)		\$ 25.07				
Total Purchased Power (1)	\$ 2,687,607 (4)	62,546.000 (3)		\$ 42.97				
System Losses		(51,088.748) (5)						
Total	\$ 34,397,717	1,276,320.252		\$ 26.95				
Intra-System OSS for KU Economy	\$ (3,172,899) (6)	(121,315.000) (6)			\$ 3,172,899 (6)	121,315.000 (6)		\$ 26.15
Intra-System OSS for KU Replacement	\$ (34,963) (6)	(1,311.000) (6)			\$ 34,963 (6)	1,311.000 (6)		\$ 26.67
OSS from Generation	\$ (541,707) (6)	(19,226.000) (6)			\$ 541,707 (6)	19,226.000 (6)		\$ 28.18
OSS from Purchased Power	\$ (821,459) (6)	(27,082.000) (6)			\$ 821,459 (6)	27,082.000 (6)		\$ 30.33
Split Savings and Adjustments	\$ (66,203) (6)	-			\$ 66,203 (6)	-		
System Losses	\$ (6,816) (7)	-			\$ 6,816 (7)	-		
	\$ 29,753,670	1,107,386.252		\$ 26.87	\$ 4,644,047	168,934.000		\$ 27.49
Jul-13								
Total Fuel for Generation (1)	\$ 36,220,793 (2)	1,347,150.000 (3)		\$ 26.89				
Total Purchased Power (1)	\$ 2,538,387 (4)	54,410.000 (3)		\$ 46.65				
System Losses		(51,184.156) (5)						
Total	\$ 38,759,180	1,350,375.844		\$ 28.70				
Intra-System OSS for KU Economy	\$ (4,016,345) (6)	(149,377.000) (6)			\$ 4,016,345 (6)	149,377.000 (6)		\$ 26.89
Intra-System OSS for KU Replacement	\$ (113,511) (6)	(4,684.000) (6)			\$ 113,511 (6)	4,684.000 (6)		\$ 24.23
OSS from Generation	\$ (709,013) (6)	(25,417.000) (6)			\$ 709,013 (6)	25,417.000 (6)		\$ 27.90
OSS from Purchased Power	\$ (670,817) (6)	(20,248.000) (6)			\$ 670,817 (6)	20,248.000 (6)		\$ 33.13
Split Savings and Adjustments	\$ (66,678) (6)	(328.000) (6)			\$ 66,678 (6)	328.000 (6)		
System Losses	\$ (6,899) (7)	-			\$ 6,899 (7)	-		
	\$ 33,175,917	1,150,321.844		\$ 28.84	\$ 5,583,263	200,054.000		\$ 27.91
Aug-13								
Total Fuel for Generation (1)	\$ 35,090,145 (2)	1,378,887.000 (3)		\$ 25.45				
Total Purchased Power (1)	\$ 2,058,432 (4)	40,044.000 (3)		\$ 51.40				
System Losses		(53,991.241) (5)						
Total	\$ 37,148,577	1,364,939.759		\$ 27.22				
Intra-System OSS for KU Economy	\$ (3,697,285) (6)	(144,380.000) (6)			\$ 3,697,285 (6)	144,380.000 (6)		\$ 25.61
Intra-System OSS for KU Replacement	\$ (2,506) (6)	(103.000) (6)			\$ 2,506 (6)	103.000 (6)		\$ 24.33
OSS from Generation	\$ (200,142) (6)	(6,872.000) (6)			\$ 200,142 (6)	6,872.000 (6)		\$ 29.12
OSS from Purchased Power	\$ (462,009) (6)	(14,570.000) (6)			\$ 462,009 (6)	14,570.000 (6)		\$ 31.71
Split Savings and Adjustments	\$ (42,528) (6)	(309.000) (6)			\$ 42,528 (6)	309.000 (6)		
System Losses	\$ (3,311) (7)	-			\$ 3,311 (7)	-		
	\$ 32,740,796	1,198,705.759		\$ 27.31	\$ 4,407,781	166,234.000		\$ 26.52

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Month

NATIVE LOAD

OFF SYSTEM SALES

	Fuel Dollars		mWh		\$/mWh		Fuel Dollars		mWh		\$/mWh
Sep-13											
Total Fuel for Generation (1)	\$ 29,620,063	(2)	1,160,141.000	(3)	\$ 25.53						
Total Purchased Power (1)	\$ 1,719,300	(4)	28,817.000	(3)	\$ 59.66						
System Losses			(44,778.124)	(5)							
Total	\$ 31,339,363		1,144,179.876		\$ 27.39						
Intra-System OSS for KU Economy	\$ (3,191,067)	(6)	(128,202.000)	(6)		\$ 3,191,067	(6)	128,202.000	(6)	\$ 24.89	
Intra-System OSS for KU Replacement	\$ (270)	(6)	(12.000)	(6)		\$ 270	(6)	12.000	(6)	\$ 22.51	
OSS from Generation	\$ (122,624)	(6)	(3,750.000)	(6)		\$ 122,624	(6)	3,750.000	(6)	\$ 32.70	
OSS from Purchased Power	\$ (267,134)	(6)	(8,292.000)	(6)		\$ 267,134	(6)	8,292.000	(6)	\$ 32.22	
Split Savings and Adjustments	\$ (19,986)	(6)	(34.000)	(6)		\$ 19,986	(6)	34.000	(6)		
System Losses	\$ (1,919)	(7)	-			\$ 1,919	(7)	-			
	\$ 27,736,363		1,003,889.876		\$ 27.63	\$ 3,603,000		140,290.000		\$ 25.68	
Oct-13											
Total Fuel for Generation (1)	\$ 22,620,594	(2)	928,961.000	(3)	\$ 24.35						
Total Purchased Power (1)	\$ 3,468,655	(4)	93,850.000	(3)	\$ 36.96						
System Losses			(39,324.699)	(5)							
Total	\$ 26,089,249		983,486.301		\$ 26.53						
Intra-System OSS for KU Economy	\$ (1,623,839)	(6)	(62,097.000)	(6)		\$ 1,623,839	(6)	62,097.000	(6)	\$ 26.15	
Intra-System OSS for KU Replacement	\$ (221,504)	(6)	(8,599.000)	(6)		\$ 221,504	(6)	8,599.000	(6)	\$ 25.76	
OSS from Generation	\$ (499,098)	(6)	(18,315.000)	(6)		\$ 499,098	(6)	18,315.000	(6)	\$ 27.25	
OSS from Purchased Power	\$ (315,700)	(6)	(10,558.000)	(6)		\$ 315,700	(6)	10,558.000	(6)	\$ 29.90	
Split Savings and Adjustments	\$ (29,769)	(6)	(127.000)	(6)		\$ 29,769	(6)	127.000	(6)		
System Losses	\$ (4,074)	(7)	-			\$ 4,074	(7)	-			
	\$ 23,395,265		883,790.301		\$ 26.47	\$ 2,693,984		99,696.000		\$ 27.02	
Nov-13											
Total Fuel for Generation (1)	\$ 28,222,715	(2)	1,116,910.000	(3)	\$ 25.27						
Total Purchased Power (1)	\$ 2,074,182	(4)	42,744.000	(3)	\$ 48.53						
System Losses			(36,549.901)	(5)							
Total	\$ 30,296,897		1,123,104.099		\$ 26.98						
Intra-System OSS for KU Economy	\$ (5,914,690)	(6)	(235,128.000)	(6)		\$ 5,914,690	(6)	235,128.000	(6)	\$ 25.16	
Intra-System OSS for KU Replacement	\$ (13,814)	(6)	(533.000)	(6)		\$ 13,814	(6)	533.000	(6)	\$ 25.92	
OSS from Generation	\$ (495,853)	(6)	(17,755.000)	(6)		\$ 495,853	(6)	17,755.000	(6)	\$ 27.93	
OSS from Purchased Power	\$ (459,847)	(6)	(14,512.000)	(6)		\$ 459,847	(6)	14,512.000	(6)	\$ 31.69	
Split Savings and Adjustments	\$ (63,648)	(6)	(265.000)	(6)		\$ 63,648	(6)	265.000	(6)		
System Losses	\$ (4,779)	(7)	-			\$ 4,779	(7)	-			
	\$ 23,344,266		854,911.099		\$ 27.31	\$ 6,952,631		268,193.000		\$ 25.92	
Dec-13											
Total Fuel for Generation (1)	\$ 33,243,151	(2)	1,255,561.000	(3)	\$ 26.48						
Total Purchased Power (1)	\$ 3,170,567	(4)	93,234.000	(3)	\$ 34.01						
System Losses			(43,822.350)	(5)							
Total	\$ 36,413,718		1,304,972.650		\$ 27.90						
Intra-System OSS for KU Economy	\$ (5,542,277)	(6)	(233,521.000)	(6)		\$ 5,542,277	(6)	233,521.000	(6)	\$ 23.73	
Intra-System OSS for KU Replacement	\$ (70,141)	(6)	(3,050.000)	(6)		\$ 70,141	(6)	3,050.000	(6)	\$ 23.00	
OSS from Generation	\$ (1,299,335)	(6)	(52,263.000)	(6)		\$ 1,299,335	(6)	52,263.000	(6)	\$ 24.86	
OSS from Purchased Power	\$ (1,162,480)	(6)	(38,365.000)	(6)		\$ 1,162,480	(6)	38,365.000	(6)	\$ 30.30	
Split Savings and Adjustments	\$ (141,946)	(6)	(96.000)	(6)		\$ 141,946	(6)	96.000	(6)		
System Losses	\$ (12,309)	(7)	-			\$ 12,309	(7)	-			
	\$ 28,185,230		977,677.650		\$ 28.83	\$ 8,228,488		327,295.000		\$ 25.14	
Jan-14											
Total Fuel for Generation (1)	\$ 43,914,975	(2)	1,547,908.000	(3)	\$ 28.37						
Total Purchased Power (1)	\$ 4,523,791	(4)	88,654.000	(3)	\$ 51.03						
System Losses			(45,275.678)	(5)							
Total	\$ 48,438,766		1,591,286.322		\$ 30.44						
Intra-System OSS for KU Economy	\$ (12,610,207)	(6)	(447,497.000)	(6)		\$ 12,610,207	(6)	447,497.000	(6)	\$ 28.18	
Intra-System OSS for KU Replacement	\$ -	(6)	-	(6)		\$ -	(6)	-	(6)		
OSS from Generation	\$ (1,183,930)	(6)	(32,303.000)	(6)		\$ 1,183,930	(6)	32,303.000	(6)	\$ 36.65	
OSS from Purchased Power	\$ (2,741,255)	(6)	(55,054.000)	(6)		\$ 2,741,255	(6)	55,054.000	(6)	\$ 49.79	
Split Savings and Adjustments	\$ (743,313)	(6)	(110.000)	(6)		\$ 743,313	(6)	110.000	(6)		
System Losses	\$ (19,625)	(7)	-			\$ 19,625	(7)	-			
	\$ 31,140,436		1,056,322.322		\$ 29.48	\$ 17,298,330		534,964.000		\$ 32.34	

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Month	NATIVE LOAD				OFF SYSTEM SALES			
	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh		
Feb-14								
Total Fuel for Generation (1)	\$ 49,340,899 (2)	1,657,659.000 (3)	\$ 29.77					
Total Purchased Power (1)	\$ 12,365,260 (4)	450,232.000 (3)	\$ 27.46					
System Losses		(123,136.985) (5)						
Total	\$ 61,706,159	1,984,754.015	\$ 31.09					
Intra-System OSS for KU Economy	\$ - (6)	- (6)		\$ - (6)	- (6)			
Intra-System OSS for KU Replacement	\$ (1,653,610) (6)	(39,368.000) (6)		\$ 1,653,610 (6)	39,368.000 (6)	\$ 42.00		
OSS from Generation	\$ - (6)	- (6)		\$ - (6)	- (6)			
OSS from Purchased Power	\$ - (6)	- (6)		\$ - (6)	- (6)			
Split Savings and Adjustments	\$ - (6)	(78.000) (6)		\$ - (6)	78.000 (6)			
System Losses	\$ - (7)			\$ - (7)				
	\$ 60,052,549	1,945,308.015	\$ 30.87	\$ 1,653,610	39,446.000	\$ 41.92		
Mar-14								
Total Fuel for Generation (1)	\$ 47,373,612 (2)	1,535,594.000 (3)	\$ 30.85					
Total Purchased Power (1)	\$ 13,014,139 (4)	465,976.000 (3)	\$ 27.93					
System Losses		(117,982.944) (5)						
Total	\$ 60,387,751	1,883,587.056	\$ 32.06					
Intra-System OSS for KU Economy	\$ - (6)	- (6)		\$ - (6)	- (6)			
Intra-System OSS for KU Replacement	\$ (1,331,515) (6)	(28,961.000) (6)		\$ 1,331,515 (6)	28,961.000 (6)	\$ 45.98		
OSS from Generation	\$ - (6)	- (6)		\$ - (6)	- (6)			
OSS from Purchased Power	\$ - (6)	- (6)		\$ - (6)	- (6)			
Split Savings and Adjustments	\$ - (6)	(15.000) (6)		\$ - (6)	15.000 (6)			
System Losses	\$ - (7)			\$ - (7)				
	\$ 59,056,236	1,854,611.056	\$ 31.84	\$ 1,331,515	28,976.000	\$ 45.95		
Apr-14								
Total Fuel for Generation (1)	\$ 35,214,654 (2)	1,194,293.000 (3)	\$ 29.49					
Total Purchased Power (1)	\$ 1,130,678 (4)	40,876.000 (3)	\$ 27.66					
System Losses		(32,036.404) (5)						
Total	\$ 36,345,332	1,203,132.596	\$ 30.21					
Intra-System OSS for KU Economy	\$ (11,531,821) (6)	(384,270.000) (6)		\$ 11,531,821 (6)	384,270.000 (6)	\$ 30.01		
Intra-System OSS for KU Replacement	\$ - (6)	- (6)		\$ - (6)	- (6)			
OSS from Generation	\$ (21,650) (6)	(436.000) (6)		\$ 21,650 (6)	436.000 (6)	\$ 49.66		
OSS from Purchased Power	\$ (33,349) (6)	(691.000) (6)		\$ 33,349 (6)	691.000 (6)	\$ 48.26		
Split Savings and Adjustments	\$ (8,259) (6)	- (6)		\$ 8,259 (6)	- (6)			
System Losses	\$ (275) (7)			\$ 275 (7)				
	\$ 24,749,978	817,735.596	\$ 30.27	\$ 11,595,354	385,397.000	\$ 30.09		
May-14								
Total Fuel for Generation (1)	\$ 35,128,846 (2)	1,289,303.000 (3)	\$ 27.25					
Total Purchased Power (1)	\$ 2,046,491 (4)	56,374.000 (3)	\$ 36.30					
System Losses		(36,028.940) (5)						
Total	\$ 37,175,337	1,309,648.060	\$ 28.39					
Intra-System OSS for KU Economy	\$ (7,765,856) (6)	(295,847.000) (6)		\$ 7,765,856 (6)	295,847.000 (6)	\$ 26.25		
Intra-System OSS for KU Replacement	\$ (49,031) (6)	(1,128.000) (6)		\$ 49,031 (6)	1,128.000 (6)	\$ 43.47		
OSS from Generation	\$ (496,774) (6)	(14,969.000) (6)		\$ 496,774 (6)	14,969.000 (6)	\$ 33.19		
OSS from Purchased Power	\$ (871,562) (6)	(24,519.000) (6)		\$ 871,562 (6)	24,519.000 (6)	\$ 35.55		
Split Savings and Adjustments	\$ (123,001) (6)	- (6)		\$ 123,001 (6)	- (6)			
System Losses	\$ (6,842) (7)			\$ 6,842 (7)				
	\$ 27,862,271	973,185.060	\$ 28.63	\$ 9,313,066	336,463.000	\$ 27.68		
Jun-14								
Total Fuel for Generation (1)	\$ 34,818,779 (2)	1,317,766.000 (3)	\$ 26.42					
Total Purchased Power (1)	\$ 2,468,205 (4)	53,600.000 (3)	\$ 46.05					
System Losses		(41,283.200) (5)						
Total	\$ 37,286,984	1,330,082.800	\$ 28.03					
Intra-System OSS for KU Economy	\$ (4,105,979) (6)	(148,679.000) (6)		\$ 4,105,979 (6)	148,679.000 (6)	\$ 27.62		
Intra-System OSS for KU Replacement	\$ (37,128) (6)	(1,425.000) (6)		\$ 37,128 (6)	1,425.000 (6)	\$ 26.05		
OSS from Generation	\$ (681,107) (6)	(21,103.000) (6)		\$ 681,107 (6)	21,103.000 (6)	\$ 32.28		
OSS from Purchased Power	\$ (763,567) (6)	(20,596.000) (6)		\$ 763,567 (6)	20,596.000 (6)	\$ 37.07		
Split Savings and Adjustments	\$ (99,204) (6)	(43.000) (6)		\$ 99,204 (6)	43.000 (6)			
System Losses	\$ (7,223) (7)			\$ 7,223 (7)				
	\$ 31,592,776	1,138,236.800	\$ 27.76	\$ 5,694,208	191,846.000	\$ 29.68		

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Month	NATIVE LOAD				OFF SYSTEM SALES			
	Fuel Dollars		mWh	\$/mWh	Fuel Dollars		mWh	\$/mWh
Jul-14								
Total Fuel for Generation (1)	\$ 34,716,566	(2)	1,299,633.000	(3) \$ 26.71				
Total Purchased Power (1)	\$ 2,316,379	(4)	63,534.000	(3) \$ 36.46				
System Losses			(42,893.118)	(5)				
Total	\$ 37,032,945		1,320,273.882	\$ 28.05				
Intra-System OSS for KU Economy	\$ (4,511,532)	(6)	(163,173.000)	(6)	\$ 4,511,532	(6)	163,173.000	(6) \$ 27.65
Intra-System OSS for KU Replacement	\$ (24,502)	(6)	(837.000)	(6)	\$ 24,502	(6)	837.000	(6) \$ 29.27
OSS from Generation	\$ (131,385)	(6)	(4,136.000)	(6)	\$ 131,385	(6)	4,136.000	(6) \$ 31.77
OSS from Purchased Power	\$ (235,022)	(6)	(6,714.000)	(6)	\$ 235,022	(6)	6,714.000	(6) \$ 35.00
Split Savings and Adjustments	\$ (29,952)	(6)	(132.000)	(6)	\$ 29,952	(6)	132.000	(6)
System Losses	\$ (1,832)	(7)			\$ 1,832	(7)		
	\$ 32,098,720		1,145,281.882	\$ 28.03	\$ 4,934,225		174,992.000	\$ 28.20
Aug-14								
Total Fuel for Generation (1)	\$ 35,382,652	(2)	1,368,515.000	(3) \$ 25.85				
Total Purchased Power (1)	\$ 2,467,159	(4)	52,810.000	(3) \$ 46.72				
System Losses			(44,097.925)	(5)				
Total	\$ 37,849,811		1,377,227.075	\$ 27.48				
Intra-System OSS for KU Economy	\$ (4,097,678)	(6)	(151,437.000)	(6)	\$ 4,097,678	(6)	151,437.000	(6) \$ 27.06
Intra-System OSS for KU Replacement	\$ (43,692)	(6)	(1,736.000)	(6)	\$ 43,692	(6)	1,736.000	(6) \$ 25.17
OSS from Generation	\$ (494,180)	(6)	(17,518.000)	(6)	\$ 494,180	(6)	17,518.000	(6) \$ 28.21
OSS from Purchased Power	\$ (517,550)	(6)	(15,263.000)	(6)	\$ 517,550	(6)	15,263.000	(6) \$ 33.91
Split Savings and Adjustments	\$ (54,962)	(6)	(135.000)	(6)	\$ 54,962	(6)	135.000	(6)
System Losses	\$ (5,059)	(7)			\$ 5,059	(7)		
	\$ 32,636,690		1,191,138.075	\$ 27.40	\$ 5,213,121		186,089.000	\$ 28.01
Sep-14								
Total Fuel for Generation (1)	\$ 29,633,230	(2)	1,156,365.000	(3) \$ 25.63				
Total Purchased Power (1)	\$ 2,620,122	(4)	61,994.000	(3) \$ 42.26				
System Losses			(37,621.244)	(5)				
Total	\$ 32,253,352		1,180,737.756	\$ 27.32				
Intra-System OSS for KU Economy	\$ (3,772,543)	(6)	(146,581.000)	(6)	\$ 3,772,543	(6)	146,581.000	(6) \$ 25.74
Intra-System OSS for KU Replacement	\$ (39,505)	(6)	(1,491.000)	(6)	\$ 39,505	(6)	1,491.000	(6) \$ 26.50
OSS from Generation	\$ (523,100)	(6)	(18,603.000)	(6)	\$ 523,100	(6)	18,603.000	(6) \$ 28.12
OSS from Purchased Power	\$ (705,751)	(6)	(20,786.000)	(6)	\$ 705,751	(6)	20,786.000	(6) \$ 33.95
Split Savings and Adjustments	\$ (88,268)	(6)	(179.000)	(6)	\$ 88,268	(6)	179.000	(6)
System Losses	\$ (6,144)	(7)			\$ 6,144	(7)		
	\$ 27,118,040		993,097.756	\$ 27.31	\$ 5,135,312		187,640.000	\$ 27.37
Oct-14								
Total Fuel for Generation (1)	\$ 23,992,291	(2)	979,729.000	(3) \$ 24.49				
Total Purchased Power (1)	\$ 2,371,243	(4)	57,431.000	(3) \$ 41.29				
System Losses			(32,992.993)	(5)				
Total	\$ 26,363,534		1,004,167.007	\$ 26.25				
Intra-System OSS for KU Economy	\$ (3,006,691)	(6)	(118,709.000)	(6)	\$ 3,006,691	(6)	118,709.000	(6) \$ 25.33
Intra-System OSS for KU Replacement	\$ (70,840)	(6)	(2,614.000)	(6)	\$ 70,840	(6)	2,614.000	(6) \$ 27.10
OSS from Generation	\$ (298,324)	(6)	(11,362.000)	(6)	\$ 298,324	(6)	11,362.000	(6) \$ 26.26
OSS from Purchased Power	\$ (470,042)	(6)	(14,992.000)	(6)	\$ 470,042	(6)	14,992.000	(6) \$ 31.35
Split Savings and Adjustments	\$ (43,674)	(6)	(184.000)	(6)	\$ 43,674	(6)	184.000	(6)
System Losses	\$ (3,842)	(7)			\$ 3,842	(7)		
	\$ 22,470,121		856,306.007	\$ 26.24	\$ 3,893,413		147,861.000	\$ 26.33
Nov-14								
Total Fuel for Generation (1)	\$ 30,007,965	(2)	1,155,439.000	(3) \$ 25.97				
Total Purchased Power (1)	\$ 1,974,176	(4)	35,995.000	(3) \$ 54.85				
System Losses			(34,641.717)	(5)				
Total	\$ 31,982,141		1,156,792.283	\$ 27.65				
Intra-System OSS for KU Economy	\$ (6,527,080)	(6)	(235,386.000)	(6)	\$ 6,527,080	(6)	235,386.000	(6) \$ 27.73
Intra-System OSS for KU Replacement	\$ (9,542)	(6)	(311.000)	(6)	\$ 9,542	(6)	311.000	(6) \$ 30.68
OSS from Generation	\$ (299,900)	(6)	(9,894.000)	(6)	\$ 299,900	(6)	9,894.000	(6) \$ 30.31
OSS from Purchased Power	\$ (431,499)	(6)	(11,906.000)	(6)	\$ 431,499	(6)	11,906.000	(6) \$ 36.24
Split Savings and Adjustments	\$ (69,461)	(6)	(198.000)	(6)	\$ 69,461	(6)	198.000	(6)
System Losses	\$ (3,657)	(7)			\$ 3,657	(7)		
	\$ 24,641,002		899,097.283	\$ 27.41	\$ 7,341,139		257,695.000	\$ 28.49

Louisville Gas and Electric Company  
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Month

	NATIVE LOAD			OFF SYSTEM SALES				
	Fuel Dollars		mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh	
Dec-14								
Total Fuel for Generation (1)	\$ 30,705,021	(2)	1,152,116.000	(3)	\$ 26.65			
Total Purchased Power (1)	\$ 1,873,046	(4)	41,199.000	(3)	\$ 45.46			
System Losses			(35,696.180)	(5)				
Total	\$ 32,578,067		1,157,618.820		\$ 28.14			
Intra-System OSS for KU Economy	\$ (4,908,976)	(6)	(186,937.000)	(6)	\$ 4,908,976	(6) 186,937.000	(6) \$ 26.26	
Intra-System OSS for KU Replacement	\$ (8,247)	(6)	(328.000)	(6)	\$ 8,247	(6) 328.000	(6) \$ 25.14	
OSS from Generation	\$ (122,426)	(6)	(4,424.000)	(6)	\$ 122,426	(6) 4,424.000	(6) \$ 27.67	
OSS from Purchased Power	\$ (140,751)	(6)	(4,439.000)	(6)	\$ 140,751	(6) 4,439.000	(6) \$ 31.71	
Split Savings and Adjustments	\$ (15,442)	(6)	(87.000)	(6)	\$ 15,442	(6) 87.000	(6)	
System Losses	\$ (1,316)	(7)			\$ 1,316	(7)		
	\$ 27,380,909		961,403.820		\$ 28.48	\$ 5,197,158	196,215.000	\$ 26.49

- (1) Includes, where applicable, the forced outage and non-economy power purchase exclusions.
- (2) Monthly FAC Form A, page 2 of 5, Section A.
- (3) Monthly FAC Form A, page 3 of 5, section A.
- (4) Monthly FAC Form A, page 2 of 5, section B.
- (5) Monthly FAC Form A, page 3 of 5, section B.
- (6) Monthly FAC Form B, page 2, sheet 2 of 2.
- (7) Monthly FAC Form A, page 2 of 5, section C.