

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

**In the Matter of:**

**AN EXAMINATION OF THE APPLICATION OF )  
THE FUEL ADJUSTMENT CLAUSE OF ) CASE NO.  
KENTUCKY UTILITIES COMPANY FROM ) 2014-00452  
NOVEMBER 1, 2012 THROUGH OCTOBER 31, 2014 )**

**AN EXAMINATION OF THE APPLICATION OF )  
THE FUEL ADJUSTMENT CLAUSE OF ) CASE NO.  
KENTUCKY UTILITIES COMPANY FROM ) 2014-00227  
NOVEMBER 1, 2013 THROUGH APRIL 30, 2014 )**

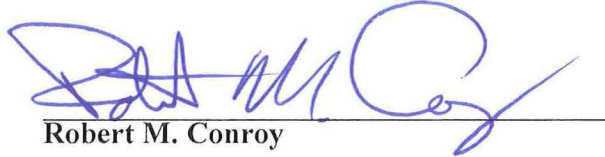
**RESPONSE OF  
KENTUCKY UTILITIES COMPANY  
TO  
COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION IN  
APPENDIX B OF COMMISSION'S ORDER  
DATED FEBRUARY 5, 2015**

**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

## **KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

#### **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) KU believes the current base period fuel cost should remain unchanged.
- A-1. KU does not propose to change the current per unit base fuel cost of \$0.02892 per kWh. As shown in the attachment, the average fuel cost experienced by the company over the last twelve months was \$0.02997 per kWh. The Company's business plan for 2015 and 2016 indicated an average per unit fuel cost of \$0.03011 and \$0.03050 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, KU and LG&E 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 \$0.02849 and \$0.02890 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 KU's and LG&E'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, KU believes it is reasonable to leave the per unit base fuel cost at its current level of \$0.02892. Finally, KU 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 \$0.02892 per kWh was based on the actual per unit fuel costs experienced in May 2011. Therefore, the information that would normally be provided in 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.

## Kentucky Utilities 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	\$ 0.03204	\$ 0.02892	Mar-14	\$ 0.00312
Feb-14	\$ 0.03104	\$ 0.02892	Apr-14	\$ 0.00212
Mar-14	\$ 0.03249	\$ 0.02892	May-14	\$ 0.00357
Apr-14	\$ 0.03389	\$ 0.02892	Jun-14	\$ 0.00497
May-14	\$ 0.03148	\$ 0.02892	Jul-14	\$ 0.00256
Jun-14	\$ 0.02815	\$ 0.02892	Aug-14	\$ (0.00077)
Jul-14	\$ 0.02896	\$ 0.02892	Sep-14	\$ 0.00004
Aug-14	\$ 0.02883	\$ 0.02892	Oct-14	\$ (0.00009)
Sep-14	\$ 0.02792	\$ 0.02892	Nov-14	\$ (0.00100)
Oct-14	\$ 0.02554	\$ 0.02892	Dec-14	\$ (0.00338)
Nov-14	\$ 0.02916	\$ 0.02892	Jan-15	\$ 0.00024
Dec-14	\$ 0.03011	\$ 0.02892	Feb-15	\$ 0.00119
Average	\$ 0.02997	\$ 0.02892	Average	\$ 0.00105

Avg. FAC for 2015(1) \$ 0.03011 \$ 0.02892 \$ 0.00119

Avg. FAC for 2016(1) \$ 0.03050 \$ 0.02892 \$ 0.00158

Avg. FAC for 2015(2) \$ 0.02849 \$ 0.02892 \$ (0.00043)

Avg. FAC for 2016(2) \$ 0.02890 \$ 0.02892 \$ (0.00002)

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

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

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 2**

**Witness: Robert M. Conroy**

- Q-2. Provide a calculation of the fossil fuel costs F(b) that KU 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 KU.
- A-2. See the response to Question No. 1.



**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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 KU believes that the sales in the selected base period (b) are representative of the level of kWh sales that KU will derive from the level of fuel cost incurred during the selected base period (b).
- A-3. See the response to Question No. 1.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 4**

**Witness: Robert M. Conroy**

- Q-4. Provide a schedule showing the calculation of KU'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.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 5**

**Witness: Mike Dotson**

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

A-5.		Tons	Dollars
	2015 Projected Coal Purchases	8,799,442	\$472,454,323
	2016 Projected Coal Purchases	8,751,631	\$479,109,616

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 6**

**Witness: Robert M. Conroy**

Q-6. Provide KU'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	18,727,690,000	██████████
2016 Ultimate Consumers	18,859,453,000	██████████

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 9**

**Witness: Charles R. Schram**

- Q-9. Provide the planned maintenance schedule for each of KU'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 KU Weekly Maintenance Detail

MAINT WEEK	Gh1	Gh2	Gh3	Gh4	Br1	Br2	Br3	GR3	GR4	TC2	CR7	Br5	Br6	Br7	Br8	Br9	Br10	Br11	PR13	TC5	TC6	TC7	TC8	TC9	TC10	
1/5																										
1/12																										
1/19																										
1/26																										
2/2																										
2/9																										
2/16																										
2/23																										
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11/16																										
11/23																										
11/30																										
12/7																										
12/14																										
12/21																										
12/28																										

Notes: \* Jointly owned units between LG&E/KU



## 2016 KU Weekly Maintenance Detail

MAINT WEEK	Gh1	Gh2	Gh3	Gh4	Br1	Br2	Br3	GR3	GR4	TC2	CR7	Br5	Br6	Br7	Br8	Br9	Br10	Br11	PR13	TC5	TC6	TC7	TC8	TC9	TC10	
1/4																										
1/11																										
1/18																										
1/25																										
2/1																										
2/8																										
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11/28																										
12/5																										
12/12																										
12/19																										
12/26																										

Notes: \* Jointly owned units between LG&E/KU  
 \*\* Green River 3 & 4 scheduled for retirement April 2016

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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	4,193
October 31, 2014	5,068

b. Average annual system demand:

Year Ending	Average Demand (MW)
October 31, 2013	2,553
October 31, 2014	2,633

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

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 11**

**Witness: Charles R. Schram**

Q-11. List all firm power commitments for KU 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. KU purchased its participation ratio (2.5%) of the OVEC released capacity for the months in question:

Utility	Companies' Amt (MW)	KU Portion (MW)	Purpose
OVEC (Jan 2015)	~ 158	~ 49	Baseload
OVEC (Feb 2015)	~ 154	~ 47	Baseload
OVEC (Mar 2015)	~ 126	~ 39	Baseload
OVEC (Apr 2015)	~ 110	~ 34	Baseload
OVEC (May 2015)	~ 98	~ 30	Baseload
OVEC (Jun 2015)	~ 154	~ 47	Baseload
OVEC (Jul 2015)	~ 152	~ 47	Baseload
OVEC (Aug 2015)	~ 152	~ 47	Baseload
OVEC (Sep 2015)	~ 153	~ 47	Baseload
OVEC (Oct 2015)	~ 145	~ 45	Baseload
OVEC (Nov 2015)	~ 125	~ 38	Baseload
OVEC (Dec 2015)	~ 151	~ 46	Baseload
OVEC (Jan 2016)	~ 158	~ 49	Baseload
OVEC (Feb 2016)	~ 149	~ 46	Baseload
OVEC (Mar 2016)	~ 129	~ 40	Baseload
OVEC (Apr 2016)	~ 92	~ 28	Baseload
OVEC (May 2016)	~ 124	~ 38	Baseload
OVEC (Jun 2016)	~ 154	~ 47	Baseload
OVEC (Jul 2016)	~ 152	~ 47	Baseload
OVEC (Aug 2016)	~ 152	~ 47	Baseload
OVEC (Sep 2016)	~ 153	~ 47	Baseload
OVEC (Oct 2016)	~ 141	~ 43	Baseload
OVEC (Nov 2016)	~ 128	~ 39	Baseload
OVEC (Dec 2016)	~ 151	~ 46	Baseload

## b. Firm Sales

None.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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

**Kentucky Utilities Company**

**Power Transaction Schedule**

<u>COMPANY</u>	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	176,000	\$ 7,163.69	\$ 4,421.40	\$ 11,585.09
CARGILL- ALLIANT, LLC	CARG	Economy	306,000	\$ 11,217.26	\$ 6,923.24	\$ 18,140.50
ETC ENDURE	ETC	Economy	39,000	\$ 1,485.59	\$ 916.90	\$ 2,402.49
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	11,000	\$ 695.71	\$ 429.40	\$ 1,125.11
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	132,000	\$ 4,668.13	\$ 2,881.15	\$ 7,549.28
JP Morgan Ventures Energy Corporation	JPMORG	Economy	16,000	\$ 516.02	\$ 318.49	\$ 834.51
ENERGY IMBALANCE	IMBL	Economy	72,000	\$ 2,199.19	\$ 1,357.33	\$ 3,556.52
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	712,000	\$ 31,667.88	\$ 19,545.27	\$ 51,213.15
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	2,571,000	\$ 118,416.70	\$ 73,086.27	\$ 191,502.97
TENASKA POWER SERVICES CO.	TPS	Economy	170,000	\$ 5,525.71	\$ 3,410.45	\$ 8,936.16
TENNESSEE VALLEY AUTHORITY	TVA	Economy	310,000	\$ 12,069.42	\$ 7,449.19	\$ 19,518.61
WESTAR ENERGY, INC.	WSTR	Economy	52,000	\$ 2,462.53	\$ 1,519.87	\$ 3,982.40
LOUISVILLE GAS & ELECTRIC	LGE	Economy	25,938,000	\$ 928,745.42	\$ 29,810.16	\$ 958,555.58
SUBTOTAL			30,505,000	\$ -	\$ 152,069.12	\$ 1,278,902.37
<b>TOTAL SALES</b>			<b>30,505,000</b>	<b>\$ -</b>	<b>\$ 152,069.12</b>	<b>\$ 1,278,902.37</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

**Kentucky Utilities Company**

**Power Transaction Schedule**

<u>COMPANY</u>	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	81,000	\$ 3,040.83	\$ 1,698.58	\$ 4,739.41
CARGILL- ALLIANT, LLC	CARG	Economy	309,000	\$ 10,234.23	\$ 5,716.73	\$ 15,950.96
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	26,000	\$ 1,084.53	\$ 605.81	\$ 1,690.34
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	38,000	\$ 1,796.63	\$ 1,003.57	\$ 2,800.20
JP Morgan Ventures Energy Corporation	JPMORG	Economy	23,000	\$ 550.50	\$ 307.50	\$ 858.00
ENERGY IMBALANCE	IMBL	Economy	80,000	\$ 2,109.51	\$ 1,178.34	\$ 3,287.85
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	698,000	\$ 20,507.52	\$ 11,455.28	\$ 31,962.80
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	1,901,000	\$ 60,737.63	\$ 33,874.10	\$ 94,611.73
THE ENERGY AUTHORITY	TEA	Economy	64,000	\$ 2,303.66	\$ 1,286.80	\$ 3,590.46
TENASKA POWER SERVICES CO.	TPS	Economy	157,000	\$ 4,427.81	\$ 2,473.33	\$ 6,901.14
TENNESSEE VALLEY AUTHORITY	TVA	Economy	277,000	\$ 10,504.76	\$ 5,867.84	\$ 16,372.60
LOUISVILLE GAS & ELECTRIC	LGE	Economy	28,369,000	\$ 956,474.15	\$ 17,090.01	\$ 973,564.16
SUBTOTAL			32,023,000	\$ -	\$ 1,073,771.76	\$ 1,156,329.65
<b>TOTAL SALES</b>			<b>32,023,000</b>	<b>\$ -</b>	<b>\$ 1,073,771.76</b>	<b>\$ 1,156,329.65</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

**Kentucky Utilities Company**

**Power Transaction Schedule**

<u>COMPANY</u>	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<b>SALES</b>						
CARGILL- ALLIANT, LLC	CARG	Economy	335,000	\$ 10,225.06	\$ 4,296.37	\$ 14,521.43
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	162,000	\$ 2,757.82	\$ 1,158.77	\$ 3,916.59
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	182,000	\$ 6,047.88	\$ 2,541.20	\$ 8,589.08
ENERGY IMBALANCE	IMBL	Economy	260,000	\$ 7,561.34	\$ 3,177.12	\$ 10,738.46
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	390,000	\$ 12,298.48	\$ 5,167.58	\$ 17,466.06
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	519,000	\$ 18,429.42	\$ 7,348.36	\$ 25,777.78
TENNESSEE VALLEY AUTHORITY	TVA	Economy	2,383,000	\$ 82,584.30	\$ 34,700.31	\$ 117,284.61
LOUISVILLE GAS & ELECTRIC	LGE	Economy	24,825,000	\$ 721,234.28	\$ 6,982.54	\$ 728,216.82
SUBTOTAL			29,056,000	\$ -	\$ 861,138.58	\$ 926,510.83
<b>TOTAL SALES</b>			<b>29,056,000</b>	<b>\$ -</b>	<b>\$ 861,138.58</b>	<b>\$ 926,510.83</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

**Kentucky Utilities 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	397,000	\$ 10,099.03	\$ 4,391.08	\$ 14,490.11
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	119,000	\$ 4,222.74	\$ 1,836.06	\$ 6,058.80
CARGILL- ALLIANT, LLC	CARG	Economy	462,000	\$ 12,848.32	\$ 5,586.49	\$ 18,434.81
EXELON GENERATION COMPANY, LLC	EXEL	Economy	721,000	\$ 22,224.05	\$ 9,663.08	\$ 31,887.13
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	62,000	\$ 2,176.15	\$ 946.19	\$ 3,122.34
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	141,000	\$ 6,031.01	\$ 2,622.30	\$ 8,653.31
JP Morgan Ventures Energy Corporation	JPMORG	Economy	127,000	\$ 3,260.84	\$ 1,417.82	\$ 4,678.66
ENERGY IMBALANCE	IMBL	Economy	162,000	\$ 4,277.09	\$ 1,859.69	\$ 6,136.78
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	862,000	\$ 23,330.16	\$ 10,144.01	\$ 33,474.17
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	1,340,000	\$ 38,860.04	\$ 16,896.42	\$ 55,756.46
THE ENERGY AUTHORITY	TEA	Economy	829,000	\$ 21,827.67	\$ 9,490.73	\$ 31,318.40
TENASKA POWER SERVICES CO.	TPS	Economy	82,000	\$ 2,042.42	\$ 888.04	\$ 2,930.46
TENNESSEE VALLEY AUTHORITY	TVA	Economy	1,975,000	\$ 62,643.64	\$ 27,237.61	\$ 89,881.25
AMEREN ENERGY, INC.	AMRN	Economy	94,000	\$ 2,444.71	\$ 1,062.97	\$ 3,507.68
LOUISVILLE GAS & ELECTRIC	LGE	Economy	30,988,000	\$ 902,869.83	\$ 19,165.86	\$ 922,035.69
SUBTOTAL			38,361,000	\$ -	\$ 1,119,157.70	\$ 1,232,366.05
<b>TOTAL SALES</b>			<b>38,361,000</b>	<b>\$ -</b>	<b>\$ 1,119,157.70</b>	<b>\$ 1,232,366.05</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

Kentucky Utilities 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	78,000	\$ 2,231.30	\$ 894.18	\$ 3,125.48
CARGILL- ALLIANT, LLC	CARG	Economy	506,000	\$ 14,649.12	\$ 5,870.56	\$ 20,519.68
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	124,000	\$ 1,852.33	\$ 742.31	\$ 2,594.64
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	80,000	\$ 2,868.67	\$ 1,149.60	\$ 4,018.27
JP Morgan Ventures Energy Corporation	JPMORG	Economy	112,000	\$ 3,270.79	\$ 1,310.75	\$ 4,581.54
ENERGY IMBALANCE	IMBL	Economy	157,000	\$ 4,485.85	\$ 1,797.69	\$ 6,283.54
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	1,098,000	\$ 34,356.50	\$ 13,768.20	\$ 48,124.70
OWENSBORO MUNICIPAL UTILITIES	OMU	Economy	114,000	\$ 3,158.00	\$ 1,265.56	\$ 4,423.56
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	1,542,000	\$ 44,336.41	\$ 17,767.61	\$ 62,104.02
THE ENERGY AUTHORITY	TEA	Economy	6,000	\$ 167.49	\$ 67.12	\$ 234.61
TENASKA POWER SERVICES CO.	TPS	Economy	208,000	\$ 6,320.14	\$ 2,532.77	\$ 8,852.91
TENNESSEE VALLEY AUTHORITY	TVA	Economy	1,444,000	\$ 43,570.10	\$ 17,460.51	\$ 61,030.61
LOUISVILLE GAS & ELECTRIC	LGE	Economy	34,068,000	\$ 1,037,690.73	\$ 25,940.01	\$ 1,063,630.74
SUBTOTAL			39,537,000	\$ -	\$ 1,198,957.43	\$ 90,566.87
<b>TOTAL SALES</b>			<b>39,537,000</b>	<b>\$ -</b>	<b>\$ 1,198,957.43</b>	<b>\$ 90,566.87</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

Kentucky Utilities 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	386,000	\$ 10,084.77	\$ 5,174.16	\$ 15,258.93
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	331,000	\$ 9,585.57	\$ 4,918.04	\$ 14,503.61
CARGILL- ALLIANT, LLC	CARG	Economy	1,118,000	\$ 32,472.29	\$ 16,660.46	\$ 49,132.75
ETC ENDURE	ETC	Economy	313,000	\$ 8,345.99	\$ 4,282.04	\$ 12,628.03
EXELON GENERATION COMPANY, LLC	EXEL	Economy	311,000	\$ 9,492.06	\$ 4,870.06	\$ 14,362.12
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	171,000	\$ 4,758.76	\$ 2,441.57	\$ 7,200.33
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	255,000	\$ 10,028.57	\$ 5,145.32	\$ 15,173.89
JP Morgan Ventures Energy Corporation	JPMORG	Economy	75,000	\$ 1,903.04	\$ 976.39	\$ 2,879.43
ENERGY IMBALANCE	IMBL	Economy	66,000	\$ 1,813.31	\$ 930.35	\$ 2,743.66
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	1,323,000	\$ 33,210.35	\$ 17,039.13	\$ 50,249.48
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	5,164,000	\$ 174,215.39	\$ 89,384.17	\$ 263,599.56
THE ENERGY AUTHORITY	TEA	Economy	406,000	\$ 12,478.32	\$ 6,402.21	\$ 18,880.53
TENASKA POWER SERVICES CO.	TPS	Economy	577,000	\$ 15,750.97	\$ 8,081.29	\$ 23,832.26
TENNESSEE VALLEY AUTHORITY	TVA	Economy	298,000	\$ 8,528.83	\$ 4,375.86	\$ 12,904.69
WESTAR ENERGY, INC.	WSTR	Economy	146,000	\$ 3,500.70	\$ 1,796.10	\$ 5,296.80
LOUISVILLE GAS & ELECTRIC	LGE	Economy	47,281,000	\$ 1,302,738.28	\$ 29,335.58	\$ 1,332,073.86
SUBTOTAL			58,221,000	\$ -	\$ 1,638,907.20	\$ 1,840,719.93
<b>TOTAL SALES</b>			<b>58,221,000</b>	<b>\$ -</b>	<b>\$ 1,638,907.20</b>	<b>\$ 1,840,719.93</b>

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

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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 KU has taken to reduce line loss during this period.

A-13. a. See attached.

b. KU'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.

**Kentucky Utilities 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 Calculates System Losses (kWh)
			(3) / (2)		(4) x (5)
Nov-2012	22,914,783,374	1,341,766,969	5.855464%	1,817,735,000	106,436,819
Dec-2012	22,816,681,374	1,389,203,616	6.088544%	1,944,388,000	118,384,919
Jan-2013	22,791,871,374	1,479,002,738	6.489168%	2,155,325,000	139,862,660
Feb-2013	22,558,937,900	1,212,652,571	5.375486%	1,930,092,900	103,751,874
Mar-2013	22,880,633,900	1,224,904,375	5.353455%	2,033,944,000	108,886,277
Apr-2013	22,922,373,900	1,224,217,364	5.340709%	1,634,261,000	87,281,124
May-2013	22,868,603,900	1,227,447,069	5.367390%	1,771,613,000	95,089,379
Jun-2013	22,813,950,900	1,265,203,540	5.545745%	1,882,810,000	104,415,841
Jul-2013	22,585,905,900	1,251,921,279	5.542931%	1,986,442,000	110,107,109
Aug-2013	22,534,452,900	1,255,037,318	5.569416%	2,013,229,000	112,125,098
Sep-2013	22,567,508,900	1,284,643,995	5.692449%	1,758,732,000	100,114,922
Oct-2013	22,681,779,900	1,277,073,230	5.630392%	1,804,922,000	101,624,184
Nov-2013	22,758,226,900	1,271,920,230	5.588837%	1,869,337,000	104,474,198
Dec-2013	22,963,908,900	1,311,414,316	5.710763%	2,123,201,000	121,250,977
Jan-2014	23,377,589,900	1,328,320,558	5.682025%	2,569,006,000	145,971,563
Feb-2014	23,555,388,000	1,376,038,519	5.841715%	2,107,891,000	123,136,985
Mar-2014	23,523,014,000	1,386,568,719	5.894520%	2,001,570,000	117,982,944
Apr-2014	23,483,187,000	1,397,771,438	5.952222%	1,594,434,000	94,904,251
May-2014	23,483,624,000	1,440,074,208	6.132249%	1,772,050,000	108,666,518
Jun-2014	23,545,751,000	1,419,209,819	6.027456%	1,944,937,000	117,230,222
Jul-2014	23,499,261,000	1,417,029,092	6.030101%	1,939,952,000	116,981,065
Aug-2014	23,532,209,000	1,440,701,109	6.122252%	2,046,177,000	125,272,112
Sep-2014	23,561,786,000	1,439,342,374	6.108800%	1,788,309,000	109,244,220
Oct-2014	23,468,469,000	1,425,073,279	6.072289%	1,711,605,001	103,933,602

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 14**

**Witness: Eileen Saunders**

- Q-14. List KU'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.

Kentucky Utilities 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 1 - Coal - 106 MW</b>	F		5/8/2014 10:16	5/8/2014 18:45		8:29	Induced draft fans	
In-service May 1957	F		7/7/2014 23:40	7/8/2014 18:19		18:39	Control valves	
	S	7/29/2014 20:02	7/31/2014 3:14	7/29/2014 20:02	7/31/2014 3:14	31:12	31:12	Feedwater piping and supports
	S	8/29/2014 21:40	8/31/2014 6:57	8/29/2014 21:40	8/31/2014 6:57	33:17	33:17	Refractory and insulation
	S	9/16/2014 12:55	9/17/2014 15:25	9/16/2014 12:55	9/17/2014 15:25	26:30	26:30	Waterwall tube leak
<b>E. W. Brown Unit 2 - Coal - 166 MW</b>	S	6/4/2014 22:35	6/6/2014 23:50	6/4/2014 22:35	6/6/2014 23:50	49:15	49:15	Bottom ash hoppers
In-service June 1963	S	10/18/2014 0:00	11/16/2014 15:00	10/17/2014 19:07	11/17/2014 14:10	711:00	739:03	Minor turbine overhaul
<b>E. W. Brown Unit 3 - Coal - 410 MW</b>	F		4/30/2014 5:45	5/1/2014 1:28		19:43	Boiler tube leaks	
In-service July 1971	S	5/16/2014 23:43	5/18/2014 2:29	5/16/2014 23:43	5/18/2014 2:29	26:46	26:46	Boiler recirculation pumps
	S	6/7/2014 1:56	6/10/2014 1:55	6/7/2014 1:56	6/10/2014 1:55	71:59	71:59	High pressure heater tube leaks
	F		6/10/2014 16:09	6/11/2014 4:21		12:12	Generator neutral grounding equipment	
	F		6/11/2014 8:52	6/11/2014 23:07		14:15	Unit auxiliaries transformer	
	F		6/14/2014 22:56	6/16/2014 8:10		33:14	Waterwall tube leak	
	F		7/17/2014 13:11	7/22/2014 15:50		122:39	Cooling tower	
	S	9/15/2014 6:40	9/15/2014 16:18	9/15/2014 6:40	9/15/2014 16:18	9:38	9:38	Air heater soot blowers
	F		9/17/2014 13:05	9/20/2014 13:36		72:31	Lube oil cooler leak	
	S	10/9/2014 21:59	10/11/2014 17:30	10/9/2014 21:59	10/11/2014 17:30	43:31	43:31	Unit auxiliaries transformer
	S	10/24/2014 22:05	10/27/2014 13:45	10/24/2014 22:05	10/27/2014 13:45	63:40	63:40	High pressure heater tube leaks
<b>Ghent Unit 1 - Coal - 479 MW</b>	S	5/16/2014 23:03	5/17/2014 22:01	5/16/2014 23:03	5/17/2014 22:01	22:58	22:58	Waterwall tube leak
In-service February 1974								
<b>Ghent Unit 2 - Coal - 495 MW</b>	S	9/24/2014 11:03	9/28/2014 2:53	9/24/2014 11:03	9/28/2014 2:53	87:50	87:50	Boiler
In-service April 1977								
<b>Ghent Unit 3 - Coal - 489 MW</b>	S	3/29/2014 0:00	5/11/2014 15:00	3/28/2014 22:07	5/12/2014 0:01	1047:00	1057:54	Major boiler overhaul
In-service May 1981	S	5/12/2014 0:01	5/17/2014 16:17	5/12/2014 0:01	5/17/2014 16:17	136:16	136:16	Major boiler overhaul planned extension
	S	6/9/2014 22:32	6/14/2014 4:32	6/9/2014 22:32	6/14/2014 4:32	102:00	102:00	Economizer piping
	S	10/3/2014 16:43	10/7/2014 5:04	10/3/2014 16:43	10/7/2014 5:04	84:21	84:21	Air heater fouling

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

Kentucky Utilities 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>Ghent Unit 4 - Coal - 469 MW</b>	S	5/1/2014 23:35	5/5/2014 8:20	5/1/2014 23:35	5/5/2014 8:20	80:45	80:45	Air heater fouling
In-service August 1984	S	5/5/2014 8:20	5/6/2014 4:15	5/5/2014 8:20	5/6/2014 4:15	19:55	19:55	Induced draft fans
	S	5/31/2014 0:18	6/1/2014 21:37	5/31/2014 0:18	6/1/2014 21:37	45:19	45:19	Induced draft fans
	S	7/18/2014 23:19	7/21/2014 6:34	7/18/2014 23:19	7/21/2014 6:34	55:15	55:15	Mist eliminators
	S	8/22/2014 23:21	8/25/2014 1:01	8/22/2014 23:21	8/25/2014 1:01	49:40	49:40	SCR NOx plugging
	F			8/25/2014 10:14	8/26/2014 7:28		21:14	Waterwall tube leak
	F			8/27/2014 8:34	8/29/2014 21:18		60:44	Waterwall tube leak
	F			9/4/2014 17:31	9/5/2014 16:20		22:49	Condenser tube leaks
	S	9/5/2014 16:20	9/6/2014 15:59	9/5/2014 16:20	9/6/2014 15:59	23:39	23:39	Second superheater tube leak
	S	9/12/2014 6:00	9/12/2014 19:39	9/12/2014 6:00	9/12/2014 19:39	13:39	13:39	Condenser tube leaks
	S	10/11/2014 0:00	12/7/2014 15:00	10/10/2014 23:45	12/5/2014 1:33	1383:00	1321:48	Major turbine overhaul
<b>Green River Unit 3 - Coal - 68 MW</b>	F			5/2/2014 4:53	5/3/2014 9:18		28:25	Second superheater tube leak
In-service April 1954	S	5/14/2014 21:29	5/16/2014 6:01	5/14/2014 21:29	5/16/2014 6:01	32:32	32:32	Cooler cleaning
	S	6/13/2014 17:27	6/14/2014 11:40	6/13/2014 17:27	6/14/2014 11:40	18:13	18:13	Chemical feed attachment leak
	F			7/10/2014 5:21	7/12/2014 5:14		47:53	Second superheater tube leak
	S	10/18/2014 0:00	11/9/2014 15:00	10/17/2014 14:53	11/5/2014 20:41	543:00	461:48	Minor boiler overhaul
<b>Green River Unit 4 - Coal - 93 MW</b>	S	4/19/2014 0:00	5/4/2014 15:00	4/19/2014 2:19	5/3/2014 6:14	375:00	339:55	Minor boiler overhaul
In-service July 1959	F			5/3/2014 9:35	5/3/2014 19:50		10:15	Main oil reservoir vapor extractor
	F			6/3/2014 21:43	6/5/2014 10:03		36:20	Second superheater tube leak
	F			6/12/2014 6:56	6/13/2014 12:43		29:47	Second superheater tube leak
	F			6/18/2014 0:05	6/19/2014 8:34		32:29	Second superheater tube leak
	F			6/19/2014 11:43	6/20/2014 15:00		27:17	Main steam safety valves
	S	6/27/2014 22:52	6/29/2014 0:03	6/27/2014 22:52	6/29/2014 0:03	25:11	25:11	Transformer nitrogen leak
	F			7/9/2014 12:41	7/12/2014 10:48		70:07	Waterwall tube leak
	F			7/12/2014 10:48	7/13/2014 15:46		28:58	Induced draft fan
	F			9/1/2014 13:36	9/2/2014 23:32		33:56	Second superheater tube leak
	F			9/24/2014 18:59	9/26/2014 2:38		31:39	Second superheater tube leak
	S	10/10/2014 21:04	10/11/2014 6:32	10/10/2014 21:04	10/11/2014 6:32	9:28	9:28	Condenser waterboxes cleaning
	F			10/11/2014 6:32	10/12/2014 4:18		21:46	Second superheater tube leak
	F			10/27/2014 21:41	10/29/2014 3:21		29:40	Second superheater tube leak

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



Kentucky Utilities 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 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 LG&E	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 LG&E	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 LG&E	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.

Kentucky Utilities 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 LG&E	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>E. W. Brown Unit 8 - Gas CT - 102 MW</b>	S	10/24/2014 6:27	10/24/2014 20:38	10/24/2014 6:27	10/24/2014 20:38	14:11	14:11	Compressor washing
In-service February 1995	S	10/25/2014 0:00	11/2/2014 15:00	10/27/2014 4:30	11/1/2014 11:17	207:00	126:47	Fuel oil blower system installation
<b>E. W. Brown Unit 9 - Gas CT - 102 MW</b>	S	5/8/2014 5:06	5/11/2014 1:31	5/8/2014 5:06	5/11/2014 1:31	68:25	68:25	Regulating valves installation
In-service January 1995	S	10/25/2014 5:31	10/25/2014 11:54	10/25/2014 5:31	10/25/2014 11:54	6:23	6:23	Compressor washing
	S	10/25/2014 0:00	11/2/2014 15:00	10/27/2014 4:30	11/2/2014 10:01	207:00	149:31	Fuel oil blower system installation
<b>E. W. Brown Unit 10 - Gas CT - 102 MW</b>	No outages > or = 6 hours							
In-service December 1995								
<b>E. W. Brown Unit 11 - Gas CT - 102 MW</b>	S	9/12/2014 6:06	9/12/2014 14:19	9/12/2014 6:06	9/12/2014 14:19	8:13	8:13	Exhaust system
In-service May 1996	S	10/21/2014 6:17	10/21/2014 12:20	10/21/2014 6:17	10/21/2014 12:20	6:03	6:03	Gas flow transmitter calibration
<b>Haefling Unit 1 - Gas CT - 12 MW</b>	No outages > or = 6 hours							
In-service October 1970								
<b>Haefling Unit 2 - Gas CT - 12 MW</b>	No outages > or = 6 hours							
In-service October 1970								
<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 LG&E	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 LG&E	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

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

Kentucky Utilities 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 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 LG&E	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 LG&E	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
<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 LG&E	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 LG&E	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 LG&E	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

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

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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.

**Attachment to Response to Question No. 15**  
**Page 1 of 21**  
**Dotson**

- 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	

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:	<table border="0"> <tr> <td>2014</td> <td>1,300,000 tons</td> </tr> <tr> <td>2015</td> <td>1,350,000 tons</td> </tr> <tr> <td>2016</td> <td>500,000 tons</td> </tr> <tr> <td>2017</td> <td>500,000 tons</td> </tr> </table>		2014	1,300,000 tons	2015	1,350,000 tons	2016	500,000 tons	2017	500,000 tons							
2014	1,300,000 tons																
2015	1,350,000 tons																
2016	500,000 tons																
2017	500,000 tons																
G. ACTUAL TONNAGE: RECEIVED:	<table border="0"> <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>559,634 tons (through 10/31/14)</td> <td>515,250 tons</td> </tr> </table>			<u>LG&amp;E</u>	<u>KU</u>	2014	559,634 tons (through 10/31/14)	515,250 tons									
	<u>LG&amp;E</u>	<u>KU</u>															
2014	559,634 tons (through 10/31/14)	515,250 tons															
H. PERCENT OF ANNUAL REQUIREMENTS:	2014 83% (through 10/31/14)																
I. BASE PRICE(FOB Railcar/Barge)	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Railcar</u></td> <td style="text-align: center;"><u>Barge</u></td> </tr> <tr> <td>2014</td> <td>\$44.60 per ton</td> <td>\$45.60 per ton</td> </tr> <tr> <td>2015</td> <td>\$46.01 per ton</td> <td>\$47.01 per ton</td> </tr> <tr> <td>2016</td> <td>\$46.75 per ton</td> <td>\$47.75 per ton</td> </tr> <tr> <td>2017</td> <td>\$47.90 per ton</td> <td>\$48.90 per ton</td> </tr> </table>			<u>Railcar</u>	<u>Barge</u>	2014	\$44.60 per ton	\$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
	<u>Railcar</u>	<u>Barge</u>															
2014	\$44.60 per ton	\$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:	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Railcar</u></td> <td style="text-align: center;"><u>Barge</u></td> </tr> <tr> <td></td> <td>\$0.09 per ton</td> <td>\$0.09 per ton</td> </tr> </table>			<u>Railcar</u>	<u>Barge</u>		\$0.09 per ton	\$0.09 per ton									
	<u>Railcar</u>	<u>Barge</u>															
	\$0.09 per ton	\$0.09 per ton															
I. CURRENT CONTRACT PRICE:	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Railcar</u></td> <td style="text-align: center;"><u>Barge</u></td> </tr> <tr> <td></td> <td>\$44.69 per ton</td> <td>\$45.69 per ton</td> </tr> </table>			<u>Railcar</u>	<u>Barge</u>		\$44.69 per ton	\$45.69 per ton									
	<u>Railcar</u>	<u>Barge</u>															
	\$44.69 per ton	\$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:	Bowie Refined Coal LLC / K14037 6100 Dutchmans Lane, 11 <sup>th</sup> Floor Louisville, Kentucky 40205	
B. PRODUCTION FACILITY:		
OPERATOR	Bowie Refined Coal LLC	
MINES	BRC Estill County Facility	
LOCATION	Estill County, Kentucky	
C. CONTRACT EXECUTED DATE:	October 6, 2014	
D. CONTRACT DURATION:	October 1, 2014 - December 31, 2016	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2014	30,000 tons
	2015	120,000 tons
	2016	120,000 tons
G. ACTUAL TONNAGE: RECEIVED:		<u>KU</u>
	2014	2,179 tons (through 10/31/14)
H. PERCENT OF ANNUAL REQUIREMENTS:	2014	7% (through 10/31/14)
I. BASE PRICE (FOB E.W. Brown)		
		<u>120,000 lbs. GVW</u> <u>80,000 lbs. GVW</u>
	2014	\$58.50 per ton      \$69.50 per ton
	2015	\$59.67 per ton      \$70.67 per ton
	2016	\$60.84 per ton      \$71.84 per ton
J. ESCALATIONS TO DATE:	None	
I. CURRENT CONTRACT PRICE:		
		<u>120,000 lbs. GVW</u> <u>80,000 lbs. GVW</u>
		\$58.50 per ton      \$69.50 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:	Highland Mining Company, LLC		
OPERATOR	Highland Mine		
MINE	Union County, Kentucky		
LOCATION			
C. CONTRACT EXECUTED DATE:	February 1, 2013		
D. CONTRACT DURATION:	February 1, 2013 - December 31, 2015		
E. CONTRACT AMENDMENTS:	None		
F. ANNUAL TONNAGE	2013	300,000 tons	
REQUIREMENTS:	2014	600,000 tons	
	2015	300,000 tons	
G. ACTUAL TONNAGE		<u>LG&amp;E</u>	<u>KU</u>
RECEIVED:	2013	14,051 tons	227,606 tons
	2014	24,356 tons	366,790 tons
		(through 10/31/14)	
H. PERCENT OF ANNUAL	2013	81%	
REQUIREMENTS:	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  
Peabody Wild Boar Mining, LLC  
MINE Somerville Mine Complex  
Wild Boar  
LOCATION 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 (through 10/31/14)	452,286 tons

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: Western Kentucky Minerals, Inc. & Sun Energy Group / K13002  
6133 U.S. Hwy. 60E  
Owensboro, Kentucky 42301  
2701 West 1100 South  
Huntingburg, Indiana 47542

B. PRODUCTION FACILITY:  
OPERATOR: Western Kentucky Minerals, Inc.  
Sun Energy Group  
MINES: Joe's Run and Sun Energy Mines  
LOCATION: Daviess County, Kentucky and Pike County, Indiana

C. CONTRACT EXECUTED DATE: December 14, 2012

D. CONTRACT DURATION: January 1, 2013 - December 31, 2014

E. CONTRACT AMENDMENTS: Amendment No. 1, effective August 21, 2013. Add FOB Barge option for tonnage shipped to KU's Ghent Station.

F. ANNUAL TONNAGE REQUIREMENTS: 2013 90,000 tons  
2014 150,000 tons

G. ACTUAL TONNAGE RECEIVED: KU  
2013 110,391 tons  
2014 130,116 tons  
(through 10/31/14)

H. PERCENT OF ANNUAL REQUIREMENTS: 2013 123%  
2014 87% (through 10/31/14)

I. BASE PRICE: (FOB Delivered) 2013 \$53.19 per ton  
2014 \$55.45 per ton

J. ESCALATIONS TO DATE: \$0.00 per ton

K. CURRENT CONTRACT PRICE: \$55.45 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

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 16**

**Witness: Robert M. Conroy**

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

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

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**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.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 18**

**Witness: Mike Dotson**

- Q-18. a. State whether KU 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 KU's prices compare with those of the other utilities for the review period. Include all prices used in the comparison in cents per MMBtu.

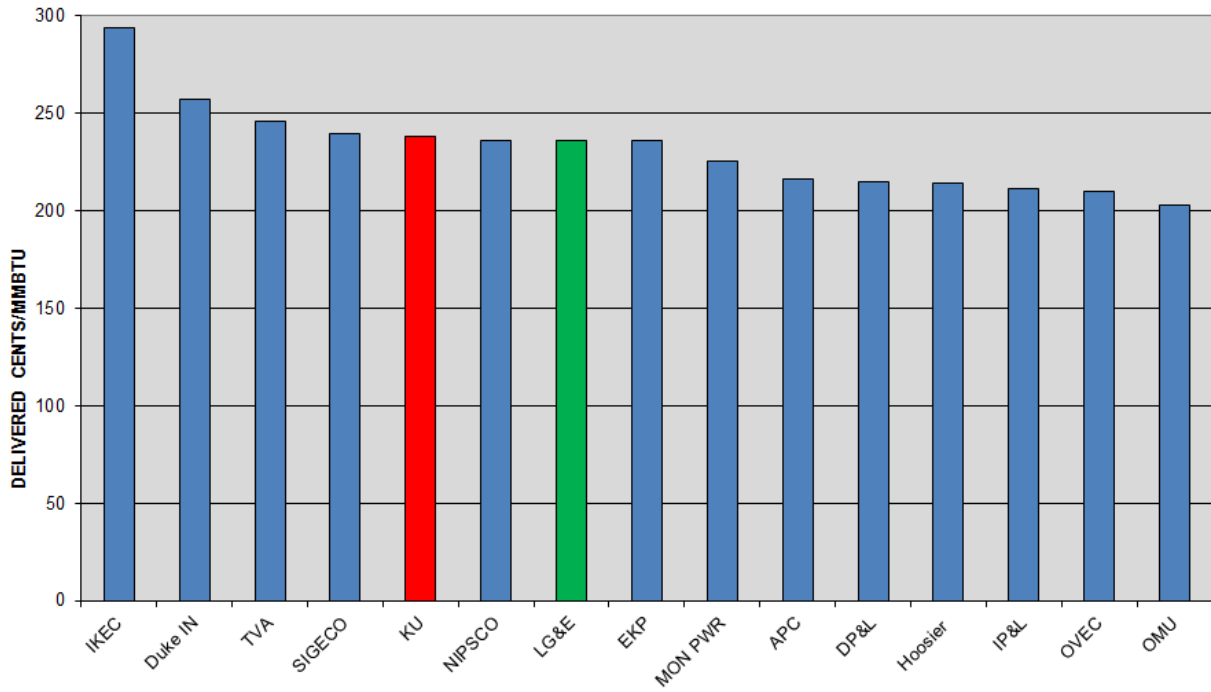
- A-18. a. Yes
- b. KU compares pricing of its coal purchases with neighboring utilities from data that is compiled by Energy Velocity database. The utilities included in the comparison are shown on the list found on page 1 of the Attachment to this response. The chart found on page 2 of the Attachment shows the price comparison for coal containing greater than 5.0 lbs. SO<sub>2</sub> content, which is consistent with coal burned in KU's units at the Ghent Station, Trimble County Unit 2 and E. W. Brown Station. The chart found on page 3 of the Attachment shows the comparison for coal less than 5.0 lbs. SO<sub>2</sub>, which is consistent with the coal burned in KU's units at the Green River Station for mid-sulfur coal.

LG&E is included on the price comparison chart on page 3 of the Attachment because 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.

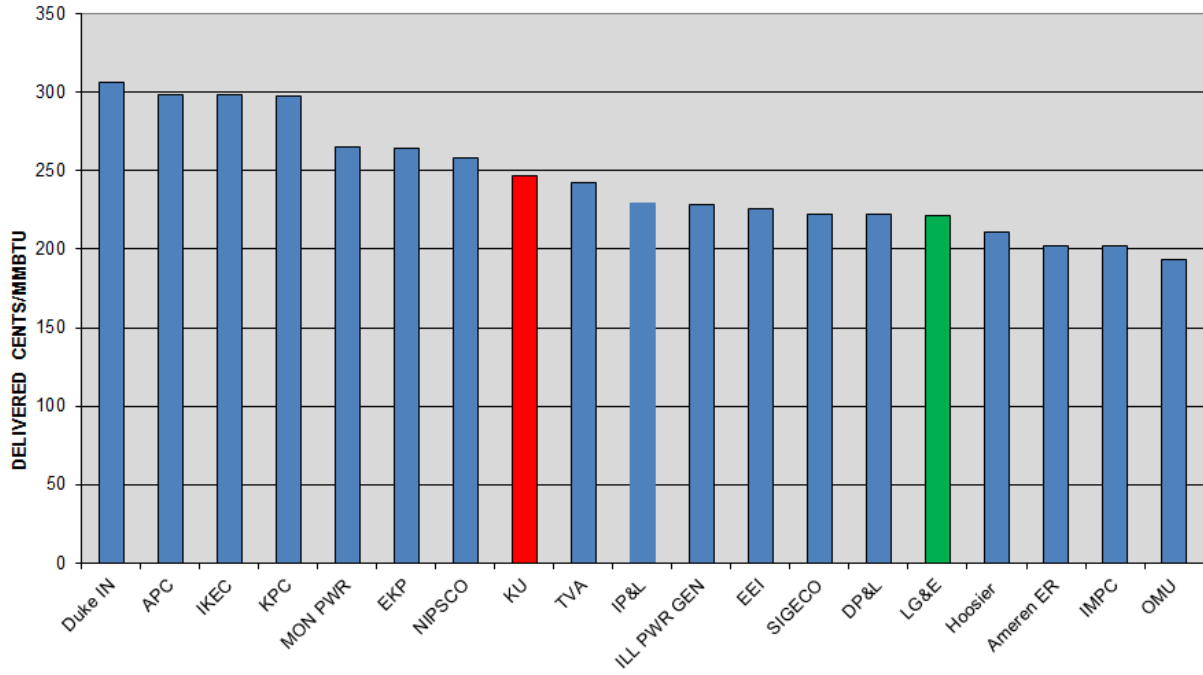
**Attachment to Response  
to Question No. 18  
Page 1 of 3  
Dotson**

<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	EEI	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

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)



**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 19**

**Witness: Mike Dotson**

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

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

- A-19. a. Rail – 12%
- b. Truck – 10%
  - c. Barge – 78%



**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 20**

**Witness: Mike Dotson**

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

A-20. E.W. Brown: Rail and Truck

Ghent: Barge

Green River: Truck

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 21**

**Witness: Mike Dotson**

- Q-21. a. State KU'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 KU'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 KU 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:

EW Brown	289,219 Tons; 45 Days	Target 30-55 Days
Ghent	706,946 Tons; 34 Days	Target 20-39 Days
Green River	84,159 Tons; 40 Days	Target 24-69 Days
Trimble County*	260,426 Tons; 35 Days	Target 21-44 Days
Total	1,077,645 Tons; 31 Days	Target 23-46 Days

\* Trimble County coal inventory includes both PRB and High Sulfur coals used for Trimble County 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) KU 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) Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 22**

**Witness: Mike Dotson**

- Q-22. a. State whether KU 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 KU took as a result of the audit.
- A-22. a. No. KU has not conducted any financial audits of coal companies. KU'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 KU's Manager Fuels Technical Services or KU'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, KU 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, KU 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.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 23**

**Witness: Robert M. Conroy**

- Q-23. a. State whether KU 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) KU's response.
- A-23. a. No.
- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**Question No. 24**

**Witness: Mike Dotson**

- Q-24. a. State whether KU 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 KU;
  - (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. KU is not involved in any litigation with its coal suppliers.
- b. Not applicable.
- c. Not applicable.

**KENTUCKY UTILITIES COMPANY**

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

**Case Nos. 2014-00452 and 2014-00227**

**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 – 00227. 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.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**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. KU did not issue any oral coal solicitation.
- a. Not applicable.
  - b. Not applicable

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**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. See attached. The contracts have been filed with the commission.

<u>PURCHASE VENDOR</u>	<u>PURCHASE TONNAGE</u>	<u>TYPE</u>
Alliance Coal LLC - J09002	399,845	Contract
Alliance Coal LLC - J12007	11,216	Contract
Alliance Coal LLC - J14042	92,873	Spot
Alpha Coal Sales Co. - K14033	65,402	Spot
Arch Coal Sales Company Inc. - J14038	315,256	Contract
Arch Coal Sales Company Inc. - J14005	40,606	Spot
Arch Coal Sales Company Inc. - J14018	35,971	Spot
Armstrong Coal Company - J07032	282,374	Contract
Armstrong Coal Company - J12004	231,003	Contract
Armstrong Coal Company - J14004	260,356	Contract
Armstrong Coal Company - J14010	30,308	Contract
Armstrong Coal Company - K14013	107,992	Spot
Bowie Refined Coal LLC - K14034	40,812	Spot
Bowie Refined Coal LLC - K14037	2,179	Contract
Foresight Coal - J12005	214,959	Contract
Kolmar Americas - J14045	12,751	Spot
Kolmar Americas - J14049	39,615	Spot
Patriot Coal Corporation - J13004	192,605	Contract
Patriot Coal Corporation - J14011	261,777	Contract
Patriot Coal Corporation - K14012	66,400	Spot
Peabody Coalsales, LLC - J12011	558,100	Contract
Peabody Coalsales, LLC - J14044	276,267	Spot
Rhino - J14001	64,399	Contract
The American Coal Company - J14002	156,116	Spot
The American Coal Company - J14043	74,748	Spot
Triad Mining - J12009	252,647	Contract
Vitol Inc. - J14048	12,746	Spot
Western Kentucky Minerals & Sun Energy Group - K13002	73,670	Contract
Western Kentucky Minerals & Sun Energy Group - J14036	9,700	Spot
Western Kentucky Minerals & Sun Energy Group - K14041	23,140	Spot
White Oak Resources LLC - J14003	123,523	Contract
<b>TOTAL</b>	<b>4,329,356</b>	
	3,274,217	75.6% Contract
	1,055,139	24.4% Spot
	<b>4,329,356</b>	

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**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. KU has contracted with Texas Gas Pipeline for long-term firm gas transport for both LG&E and KU combustion turbine generation; commodity purchases (other than purchases made pursuant to the Special Contract referenced below) are purchased solely on an 'as-needed' spot market basis. The Special Contract and the contracts for long-term firm gas transport have been filed 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.

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

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

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 Voume	4,751,201

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

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 29**

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

Q-29. State whether KU 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. KU does not engage in financial hedging activities for its coal purchases. KU does use physical hedging in contracting for coal. KU 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%

KU does not currently engage in hedging activities for natural gas purchases.



**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**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)
E. W. Brown	659,932	701,815	1,349,251	44.8%
Ghent	3,100,018	3,041,081	6,497,985	76.2%
Green River	251,280	271,202	499,070	70.2%
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 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.

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**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 KU'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 KU'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 Procedures were last changed effective March 1, 2013 and were provided to the Commission in response to Question No. 31 in Case No. 2012-00552.

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 32**

**Witness: Mike Dotson**

- Q-32. a. State whether KU 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 KU took upon discovering the violation; and
  - (3) Identify the person(s) who committed the violation.
- A-32. a. No.
- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**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 KU'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.

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 34**

**Witness: Eileen Saunders**

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

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**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 KU used a third party's transmission system.
- b. For each sale listed above:
- (1) Describe how KU 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.

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 36**

**Witness: Robert M. Conroy**

- Q-36. Describe each change that KU 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. KU 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. 2012-00552.

**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 37**

**Witness: Mike Dotson**

Q-37. State whether KU 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. KU has not solicited bids with this restriction.



**KENTUCKY UTILITIES COMPANY**

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**Case Nos. 2014-00452 and 2014-00227**

**Question No. 38**

**Witness: Charles R. Schram**

- Q-38. List KU's generating units in economic dispatch order. State whether KU 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	16	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	5	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	28	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	29	30	28	27	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.

**KENTUCKY UTILITIES COMPANY**

**Response to Commission Staff's First Request for Information  
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**Case Nos. 2014-00452 and 2014-00227**

**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. KU 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.

Kentucky Utilities Company  
 Response to Question No. 39  
 Case No. 2014-00452

Month

	NATIVE LOAD			OFF SYSTEM SALES		
	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
Nov-12						
Total Fuel for Generation (1)	\$ 31,813,965 (2)	1,321,149.000 (3)	\$ 24.08			
Total Purchased Power (1)	\$ 10,763,201 (4)	496,586.000 (3)	\$ 21.67			
System Losses		(106,436.819) (5)				
Total	\$ 42,577,166	1,711,298.181	\$ 24.88			
Intra-System OSS for LG&E Economy	\$ - (6)	- (6)		\$ - (6)	- (6)	
Intra-System OSS for LG&E Replacement	\$ (455,684) (6)	(16,744) (6)		\$ 455,684 (6)	16,744.000 (6)	\$ 27.21
OSS from Generation	\$ - (6)	- (6)		\$ - (6)	- (6)	
OSS from Purchased Power	\$ - (6)	- (6)		\$ - (6)	- (6)	
Split Savings and Adjustments	\$ (283) (6)	(11) (6)		\$ 283 (6)	11.000 (6)	
System Losses	\$ (3) (7)	- (7)		\$ 3 (7)	- (7)	
	\$ 42,121,196	1,694,543.181	\$ 24.86	\$ 455,970	16,755.000	\$ 27.21

Dec-12

	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
Total Fuel for Generation (1)	\$ 39,557,106 (2)	1,488,388.000 (3)	\$ 26.58			
Total Purchased Power (1)	\$ 9,392,454 (4)	456,000.000 (3)	\$ 20.60			
System Losses		(118,384.919) (5)				
Total	\$ 48,949,560	1,826,003.081	\$ 26.81			
Intra-System OSS for LG&E Economy	\$ (10,697) (6)	(442) (6)		\$ 10,697 (6)	442.000 (6)	\$ 24.20
Intra-System OSS for LG&E Replacement	\$ (296,288) (6)	(10,734) (6)		\$ 296,288 (6)	10,734.000 (6)	\$ 27.60
OSS from Generation	\$ (8,701) (6)	(359) (6)		\$ 8,701 (6)	359.000 (6)	\$ 24.24
OSS from Purchased Power	\$ (5,385) (6)	(221) (6)		\$ 5,385 (6)	221.000 (6)	\$ 24.36
Split Savings and Adjustments	\$ (159) (6)	- (6)		\$ 159 (6)	- (6)	
System Losses	\$ (141) (7)	- (7)		\$ 141 (7)	- (7)	
	\$ 48,628,190	1,814,247.081	\$ 26.80	\$ 321,370	11,756.000	\$ 27.34

Jan-13

	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
Total Fuel for Generation (1)	\$ 45,849,202 (2)	1,716,825.000 (3)	\$ 26.71			
Total Purchased Power (1)	\$ 9,155,404 (4)	438,500.000 (3)	\$ 20.88			
System Losses		(139,862.660) (5)				
Total	\$ 55,004,606	2,015,462.340	\$ 27.29			
Intra-System OSS for LG&E Economy	\$ (14,736) (6)	(618) (6)		\$ 14,736 (6)	618.000 (6)	\$ 23.84
Intra-System OSS for LG&E Replacement	\$ (429,215) (6)	(14,713) (6)		\$ 429,215 (6)	14,713.000 (6)	\$ 29.17
OSS from Generation	\$ (20,018) (6)	(819) (6)		\$ 20,018 (6)	819.000 (6)	\$ 24.44
OSS from Purchased Power	\$ (6,940) (6)	(306) (6)		\$ 6,940 (6)	306.000 (6)	\$ 22.68
Split Savings and Adjustments	\$ (2) (6)	- (6)		\$ 2 (6)	- (6)	
System Losses	\$ (270) (7)	- (7)		\$ 270 (7)	- (7)	
	\$ 54,533,424	1,999,006.340	\$ 27.28	\$ 471,182	16,456.000	\$ 28.63

Feb-13

	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
Total Fuel for Generation (1)	\$ 41,799,682 (2)	1,545,667.900 (3)	\$ 27.04			
Total Purchased Power (1)	\$ 8,490,115 (4)	384,425.000 (3)	\$ 22.09			
System Losses		(103,751.874) (5)				
Total	\$ 50,289,797	1,826,341.026	\$ 27.54			
Intra-System OSS for LG&E Economy	\$ - (6)	- (6)		\$ - (6)	- (6)	
Intra-System OSS for LG&E Replacement	\$ (247,316) (6)	(8,564) (6)		\$ 247,316 (6)	8,564.000 (6)	\$ 28.88
OSS from Generation	\$ - (6)	- (6)		\$ - (6)	- (6)	
OSS from Purchased Power	\$ - (6)	- (6)		\$ - (6)	- (6)	
Split Savings and Adjustments	\$ (244) (6)	(10) (6)		\$ 244 (6)	10.000 (6)	
System Losses	\$ (2) (7)	- (7)		\$ 2 (7)	- (7)	
	\$ 50,042,235	1,817,767.026	\$ 27.53	\$ 247,562	8,574.000	\$ 28.87

Mar-13

	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
Total Fuel for Generation (1)	\$ 48,133,283 (2)	1,785,964.000 (3)	\$ 26.95			
Total Purchased Power (1)	\$ 6,076,378 (4)	247,980.000 (3)	\$ 24.50			
System Losses		(108,886.277) (5)				
Total	\$ 54,209,661	1,925,057.723	\$ 28.16			
Intra-System OSS for LG&E Economy	\$ (178,446) (6)	(6,172) (6)		\$ 178,446 (6)	6,172.000 (6)	\$ 28.91
Intra-System OSS for LG&E Replacement	\$ (191,037) (6)	(6,060) (6)		\$ 191,037 (6)	6,060.000 (6)	\$ 31.52
OSS from Generation	\$ (12,475) (6)	(442) (6)		\$ 12,475 (6)	442.000 (6)	\$ 28.22
OSS from Purchased Power	\$ (5,275) (6)	(204) (6)		\$ 5,275 (6)	204.000 (6)	\$ 25.86
Split Savings and Adjustments	\$ (43) (6)	- (6)		\$ 43 (6)	- (6)	
System Losses	\$ (178) (7)	- (7)		\$ 178 (7)	- (7)	
	\$ 53,822,207	1,912,179.723	\$ 28.15	\$ 387,454	12,878.000	\$ 30.09

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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)	\$ 40,426,268	(2) 1,390,092.000	(3) \$ 29.08			
	Total Purchased Power (1)	\$ 6,329,568	(4) 244,169.000	(3) \$ 25.92			
	System Losses		(87,281.124)	(5)			
	Total	\$ 46,755,836	1,546,979.876	\$ 30.22			
	Intra-System OSS for LG&E Economy	\$ (14,694)	(6) (574)	(6)	\$ 14,694	(6) 574.000	(6) \$ 25.60
	Intra-System OSS for LG&E Replacement	\$ (229,135)	(6) (7,624)	(6)	\$ 229,135	(6) 7,624.000	(6) \$ 30.05
	OSS from Generation	\$ (3,216)	(6) (104)	(6)	\$ 3,216	(6) 104.000	(6) \$ 30.92
	OSS from Purchased Power	\$ (1,220)	(6) (52)	(6)	\$ 1,220	(6) 52.000	(6) \$ 23.47
	Split Savings and Adjustments	\$ (518)	(6) (18)	(6)	\$ 518	(6) 18.000	(6)
	System Losses	\$ (49)	(7) -		\$ 49	(7) -	
		\$ 46,507,003	1,538,607.876	\$ 30.23	\$ 248,833	8,372.000	\$ 29.72
May-13	Total Fuel for Generation (1)	\$ 43,279,583	(2) 1,572,342.000	(3) \$ 27.53			
	Total Purchased Power (1)	\$ 5,254,241	(4) 199,271.000	(3) \$ 26.37			
	System Losses		(95,089.379)	(5)			
	Total	\$ 48,533,824	1,676,523.621	\$ 28.95			
	Intra-System OSS for LG&E Economy	\$ (126,147)	(6) (4,164)	(6)	\$ 126,147	(6) 4,164.000	(6) \$ 30.29
	Intra-System OSS for LG&E Replacement	\$ (1,193,511)	(6) (39,190)	(6)	\$ 1,193,511	(6) 39,190.000	(6) \$ 30.45
	OSS from Generation	\$ (139,125)	(6) (4,165)	(6)	\$ 139,125	(6) 4,165.000	(6) \$ 33.40
	OSS from Purchased Power	\$ (22,947)	(6) (552)	(6)	\$ 22,947	(6) 552.000	(6) \$ 41.57
	Split Savings and Adjustments	\$ (1,346)	(6) -	(6)	\$ 1,346	(6) -	(6)
	System Losses	\$ (810)	(7) -		\$ 810	(7) -	
		\$ 47,049,937	1,628,452.621	\$ 28.89	\$ 1,483,887	48,071.000	\$ 30.87
Jun-13	Total Fuel for Generation (1)	\$ 43,406,170	(2) 1,701,601.000	(3) \$ 25.51			
	Total Purchased Power (1)	\$ 4,044,826	(4) 181,209.000	(3) \$ 22.32			
	System Losses		(104,415.841)	(5)			
	Total	\$ 47,450,996	1,778,394.159	\$ 26.68			
	Intra-System OSS for LG&E Economy	\$ (191,209)	(6) (7,108)	(6)	\$ 191,209	(6) 7,108.000	(6) \$ 26.90
	Intra-System OSS for LG&E Replacement	\$ (812,454)	(6) (26,809)	(6)	\$ 812,454	(6) 26,809.000	(6) \$ 30.31
	OSS from Generation	\$ (158,193)	(6) (5,492)	(6)	\$ 158,193	(6) 5,492.000	(6) \$ 28.80
	OSS from Purchased Power	\$ (36,294)	(6) (1,351)	(6)	\$ 36,294	(6) 1,351.000	(6) \$ 26.86
	Split Savings and Adjustments	\$ (1,420)	(6) -	(6)	\$ 1,420	(6) -	(6)
	System Losses	\$ (972)	(7) -		\$ 972	(7) -	
		\$ 46,250,454	1,737,634.159	\$ 26.62	\$ 1,200,542	40,760.000	\$ 29.45
Jul-13	Total Fuel for Generation (1)	\$ 48,422,880	(2) 1,762,658.000	(3) \$ 27.47			
	Total Purchased Power (1)	\$ 5,062,662	(4) 223,784.000	(3) \$ 22.62			
	System Losses		(110,107.109)	(5)			
	Total	\$ 53,485,542	1,876,334.891	\$ 28.51			
	Intra-System OSS for LG&E Economy	\$ (198,025)	(6) (4,238)	(6)	\$ 198,025	(6) 4,238.000	(6) \$ 22.17
	Intra-System OSS for LG&E Replacement	\$ (658,253)	(6) (19,892)	(6)	\$ 658,253	(6) 19,892.000	(6) \$ 33.09
	OSS from Generation	\$ (59,530)	(6) (1,973)	(6)	\$ 59,530	(6) 1,973.000	(6) \$ 30.17
	OSS from Purchased Power	\$ (115,357)	(6) (4,736)	(6)	\$ 115,357	(6) 4,736.000	(6) \$ 24.36
	Split Savings and Adjustments	\$ (6,257)	(6) (159)	(6)	\$ 6,257	(6) 159.000	(6)
	System Losses	\$ (874)	(7) -		\$ 874	(7) -	
		\$ 52,447,247	1,840,642.891	\$ 28.49	\$ 1,038,295	35,692.000	\$ 29.09
Aug-13	Total Fuel for Generation (1)	\$ 47,824,212	(2) 1,808,872.000	(3) \$ 26.44			
	Total Purchased Power (1)	\$ 4,427,449	(4) 204,357.000	(3) \$ 21.67			
	System Losses		(112,125.098)	(5)			
	Total	\$ 52,251,661	1,901,103.902	\$ 27.48			
	Intra-System OSS for LG&E Economy	\$ (109,005)	(6) (4,238)	(6)	\$ 109,005	(6) 4,238.000	(6) \$ 25.72
	Intra-System OSS for LG&E Replacement	\$ (460,568)	(6) (14,528)	(6)	\$ 460,568	(6) 14,528.000	(6) \$ 31.70
	OSS from Generation	\$ (26,271)	(6) (783)	(6)	\$ 26,271	(6) 783.000	(6) \$ 33.55
	OSS from Purchased Power	\$ (2,559)	(6) (105)	(6)	\$ 2,559	(6) 105.000	(6) \$ 24.37
	Split Savings and Adjustments	\$ (20)	(6) (219)	(6)	\$ 20	(6) 219.000	(6)
	System Losses	\$ (144)	(7) -		\$ 144	(7) -	
		\$ 51,653,094	1,881,230.902	\$ 27.46	\$ 598,567	19,873.000	\$ 30.12

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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)	\$ 41,186,819	(2) 1,578,521.000	(3) \$ 26.09				
Total Purchased Power (1)	\$ 3,865,057	(4) 180,211.000	(3) \$ 21.45				
System Losses		(100,114.922)	(5)				
Total	\$ 45,051,876	1,658,617.078	\$ 27.16				
Intra-System OSS for LG&E Economy	\$ (119,368)	(6) (4,140)	(6)	\$ 119,368	(6) 4,140.000	(6) \$ 28.83	
Intra-System OSS for LG&E Replacement	\$ (261,339)	(6) (8,128)	(6)	\$ 261,339	(6) 8,128.000	(6) \$ 32.15	
OSS from Generation	\$ (76,710)	(6) (2,005)	(6)	\$ 76,710	(6) 2,005.000	(6) \$ 38.26	
OSS from Purchased Power	\$ (1,254)	(6) (40)	(6)	\$ 1,254	(6) 40.000	(6) \$ 31.36	
Split Savings and Adjustments	\$ 289	(6) (179)	(6)	\$ (289)	(6) 179.000	(6)	
System Losses	\$ (388)	(7) -		\$ 388	(7) -		
	\$ 44,593,105	1,644,125.078	\$ 27.12	\$ 458,771	14,492.000	\$ 31.66	
Oct-13							
Total Fuel for Generation (1)	\$ 41,555,391	(2) 1,664,766.000	(3) \$ 24.96				
Total Purchased Power (1)	\$ 2,777,132	(4) 140,156.000	(3) \$ 19.81				
System Losses		(101,624.184)	(5)				
Total	\$ 44,332,523	1,703,297.816	\$ 26.03				
Intra-System OSS for LG&E Economy	\$ (1,265,204)	(6) (52,510)	(6)	\$ 1,265,204	(6) 52,510.000	(6) \$ 24.09	
Intra-System OSS for LG&E Replacement	\$ (310,801)	(6) (10,408)	(6)	\$ 310,801	(6) 10,408.000	(6) \$ 29.86	
OSS from Generation	\$ (320,901)	(6) (11,135)	(6)	\$ 320,901	(6) 11,135.000	(6) \$ 28.82	
OSS from Purchased Power	\$ (224,870)	(6) (8,701)	(6)	\$ 224,870	(6) 8,701.000	(6) \$ 25.84	
Split Savings and Adjustments	\$ (13,758)	(6) (113)	(6)	\$ 13,758	(6) 113.000	(6)	
System Losses	\$ (2,729)	(7) -		\$ 2,729	(7) -		
	\$ 42,194,261	1,620,430.816	\$ 26.04	\$ 2,138,262	82,867.000	\$ 25.80	
Nov-13							
Total Fuel for Generation (1)	\$ 39,771,973	(2) 1,575,150.000	(3) \$ 25.25				
Total Purchased Power (1)	\$ 6,736,207	(4) 294,187.000	(3) \$ 22.90				
System Losses		(104,474.198)	(5)				
Total	\$ 46,508,180	1,764,862.802	\$ 26.35				
Intra-System OSS for LG&E Economy	\$ (33,755)	(6) (1,221.000)	(6)	\$ 33,755	(6) 1,221.000	(6) \$ 27.65	
Intra-System OSS for LG&E Replacement	\$ (448,044)	(6) (14,366.000)	(6)	\$ 448,044	(6) 14,366.000	(6) \$ 31.19	
OSS from Generation	\$ (49,718)	(6) (1,744.000)	(6)	\$ 49,718	(6) 1,744.000	(6) \$ 28.51	
OSS from Purchased Power	\$ (14,648)	(6) (543.000)	(6)	\$ 14,648	(6) 543.000	(6) \$ 26.98	
Split Savings and Adjustments	\$ (720)	(6) (203.000)	(6)	\$ 720	(6) 203.000	(6)	
System Losses	\$ (322)	(7) -		\$ 322	(7) -		
	\$ 45,960,973	1,746,785.802	\$ 26.31	\$ 547,207	18,077.000	\$ 30.27	
Dec-13							
Total Fuel for Generation (1)	\$ 47,495,663	(2) 1,836,419.000	(3) \$ 25.86				
Total Purchased Power (1)	\$ 6,542,581	(4) 286,782.000	(3) \$ 22.81				
System Losses		(121,250.977)	(5)				
Total	\$ 54,038,244	2,001,950.023	\$ 26.99				
Intra-System OSS for LG&E Economy	\$ (237,239)	(6) (9,123.000)	(6)	\$ 237,239	(6) 9,123.000	(6) \$ 26.00	
Intra-System OSS for LG&E Replacement	\$ (1,160,475)	(6) (38,300.000)	(6)	\$ 1,160,475	(6) 38,300.000	(6) \$ 30.30	
OSS from Generation	\$ (100,462)	(6) (3,519.000)	(6)	\$ 100,462	(6) 3,519.000	(6) \$ 28.55	
OSS from Purchased Power	\$ (70,286)	(6) (3,055.000)	(6)	\$ 70,286	(6) 3,055.000	(6) \$ 23.01	
Split Savings and Adjustments	\$ (1,813)	(6) (37.000)	(6)	\$ 1,813	(6) 37.000	(6)	
System Losses	\$ (854)	(7) -		\$ 854	(7) -		
	\$ 52,467,115	1,947,916.023	\$ 26.93	\$ 1,571,129	54,034.000	\$ 29.08	
Jan-14							
Total Fuel for Generation (1)	\$ 62,994,003	(2) 2,052,428.000	(3) \$ 30.69				
Total Purchased Power (1)	\$ 14,279,435	(4) 516,578.000	(3) \$ 27.64				
System Losses		(145,971.563)	(5)				
Total	\$ 77,273,438	2,423,034.437	\$ 31.89				
Intra-System OSS for LG&E Economy	\$ -	(6) -	(6)	\$ -	(6) -	(6)	
Intra-System OSS for LG&E Replacement	\$ (2,720,537)	(6) (54,875.000)	(6)	\$ 2,720,537	(6) 54,875.000	(6) \$ 49.58	
OSS from Generation	\$ (3,366)	(6) (115.000)	(6)	\$ 3,366	(6) 115.000	(6) \$ 29.27	
OSS from Purchased Power	\$ -	(6) -	(6)	\$ -	(6) -	(6)	
Split Savings and Adjustments	\$ -	(6) (56.000)	(6)	\$ -	(6) 56.000	(6)	
System Losses	\$ (17)	(7) -		\$ 17	(7) -		
	\$ 74,549,518	2,367,988.437	\$ 31.48	\$ 2,723,920	55,046.000	\$ 49.48	

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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 LG&E Economy	\$ - (6)	- (6)		\$ - (6)	- (6)	
Intra-System OSS for LG&E 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 LG&E Economy	\$ - (6)	- (6)		\$ - (6)	- (6)	
Intra-System OSS for LG&E 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)	\$ 36,497,401 (2)	1,139,244.000 (3)	\$ 32.04			
Total Purchased Power (1)	\$ 13,652,354 (4)	455,190.000 (3)	\$ 29.99			
System Losses	(94,904.251) (5)					
Total	\$ 50,149,755	1,499,529.749	\$ 33.44			
Intra-System OSS for LG&E Economy	\$ - (6)	- (6)		\$ - (6)	- (6)	
Intra-System OSS for LG&E Replacement	\$ (30,857) (6)	(655.000) (6)		\$ 30,857 (6)	655.000 (6)	\$ 47.11
OSS from Generation	\$ - (6)	- (6)		\$ - (6)	- (6)	
OSS from Purchased Power	\$ - (6)	- (6)		\$ - (6)	- (6)	
Split Savings and Adjustments	\$ - (6)	- (6)		\$ - (6)	- (6)	
System Losses	\$ - (7)			\$ - (7)		
	\$ 50,118,898	1,498,874.749	\$ 33.44	\$ 30,857	655.000	\$ 47.11
May-14						
Total Fuel for Generation (1)	\$ 42,832,751 (2)	1,443,242.000 (3)	\$ 29.68			
Total Purchased Power (1)	\$ 8,600,600 (4)	328,808.000 (3)	\$ 26.16			
System Losses	(108,666.518) (5)					
Total	\$ 51,433,351	1,663,383.482	\$ 30.92			
Intra-System OSS for LG&E Economy	\$ (58,410) (6)	(1,479) (6)		\$ 58,410 (6)	1,479.000 (6)	\$ 39.49
Intra-System OSS for LG&E Replacement	\$ (868,949) (6)	(24,459) (6)		\$ 868,949 (6)	24,459.000 (6)	\$ 35.53
OSS from Generation	\$ (148,775) (6)	(3,432) (6)		\$ 148,775 (6)	3,432.000 (6)	\$ 43.35
OSS from Purchased Power	\$ (49,312) (6)	(1,135) (6)		\$ 49,312 (6)	1,135.000 (6)	\$ 43.45
Split Savings and Adjustments	\$ (1,386) (6)	- (6)		\$ 1,386 (6)	- (6)	
System Losses	\$ (990) (7)			\$ 990 (7)		
	\$ 50,305,528	1,632,878.482	\$ 30.81	\$ 1,127,823	30,505.000	\$ 36.97
Jun-14						
Total Fuel for Generation (1)	\$ 47,827,708 (2)	1,737,767.000 (3)	\$ 27.52			
Total Purchased Power (1)	\$ 4,923,012 (4)	207,170.000 (3)	\$ 23.76			
System Losses	(117,230.222) (5)					
Total	\$ 52,750,720	1,827,706.778	\$ 28.86			
Intra-System OSS for LG&E Economy	\$ (193,721) (6)	(7,820) (6)		\$ 193,721 (6)	7,820.000 (6)	\$ 24.77
Intra-System OSS for LG&E Replacement	\$ (761,591) (6)	(20,549) (6)		\$ 761,591 (6)	20,549.000 (6)	\$ 37.06
OSS from Generation	\$ (80,011) (6)	(2,223) (6)		\$ 80,011 (6)	2,223.000 (6)	\$ 35.99
OSS from Purchased Power	\$ (37,286) (6)	(1,429) (6)		\$ 37,286 (6)	1,429.000 (6)	\$ 26.09
Split Savings and Adjustments	\$ (1,162) (6)	(2) (6)		\$ 1,162 (6)	2.000 (6)	
System Losses	\$ (586) (7)			\$ 586 (7)		
	\$ 51,676,362	1,795,683.778	\$ 28.78	\$ 1,074,358	32,023.000	\$ 33.55

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	NATIVE LOAD			OFF SYSTEM SALES		
	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
<b>Jul-14</b>						
Total Fuel for Generation (1)	\$ 48,184,026 (2)	1,723,955.000 (3)	\$ 27.95			
Total Purchased Power (1)	\$ 5,279,117 (4)	215,997.000 (3)	\$ 24.44			
System Losses		(116,981.065) (5)				
<b>Total</b>	<b>\$ 53,463,143</b>	<b>1,822,970.935</b>	<b>\$ 29.33</b>			
Intra-System OSS for LG&E Economy	\$ (497,168) (6)	(18,299) (6)		\$ 497,168 (6)	18,299.000 (6)	\$ 27.17
Intra-System OSS for LG&E Replacement	\$ (223,121) (6)	(6,526) (6)		\$ 223,121 (6)	6,526.000 (6)	\$ 34.19
OSS from Generation	\$ (110,916) (6)	(3,183) (6)		\$ 110,916 (6)	3,183.000 (6)	\$ 34.85
OSS from Purchased Power	\$ (28,989) (6)	(908) (6)		\$ 28,989 (6)	908.000 (6)	\$ 31.93
Split Savings and Adjustments	\$ (946) (6)	(140) (6)		\$ 946 (6)	140.000 (6)	
System Losses	\$ (700) (7)			\$ 700 (7)		
	<b>\$ 52,601,304</b>	<b>1,793,914.935</b>	<b>\$ 29.32</b>	<b>\$ 861,839</b>	<b>29,056.000</b>	<b>\$ 29.66</b>
<b>Aug-14</b>						
Total Fuel for Generation (1)	\$ 50,569,254 (2)	1,833,979.000 (3)	\$ 27.57			
Total Purchased Power (1)	\$ 4,902,485 (4)	212,198.000 (3)	\$ 23.10			
System Losses		(125,272.112) (5)				
<b>Total</b>	<b>\$ 55,471,739</b>	<b>1,920,904.888</b>	<b>\$ 28.88</b>			
Intra-System OSS for LG&E Economy	\$ (385,426) (6)	(15,758) (6)		\$ 385,426 (6)	15,758.000 (6)	\$ 24.46
Intra-System OSS for LG&E Replacement	\$ (516,286) (6)	(15,230) (6)		\$ 516,286 (6)	15,230.000 (6)	\$ 33.90
OSS from Generation	\$ (172,313) (6)	(5,593) (6)		\$ 172,313 (6)	5,593.000 (6)	\$ 30.81
OSS from Purchased Power	\$ (43,975) (6)	(1,743) (6)		\$ 43,975 (6)	1,743.000 (6)	\$ 25.23
Split Savings and Adjustments	\$ (1,158) (6)	(37) (6)		\$ 1,158 (6)	37.000 (6)	
System Losses	\$ (1,081) (7)			\$ 1,081 (7)		
	<b>\$ 54,351,500</b>	<b>1,882,543.888</b>	<b>\$ 28.87</b>	<b>\$ 1,120,239</b>	<b>38,361.000</b>	<b>\$ 29.20</b>
<b>Sep-14</b>						
Total Fuel for Generation (1)	\$ 42,374,988 (2)	1,587,074.000 (3)	\$ 26.70			
Total Purchased Power (1)	\$ 4,606,713 (4)	201,235.000 (3)	\$ 22.89			
System Losses		(109,244.220) (5)				
<b>Total</b>	<b>\$ 46,981,701</b>	<b>1,679,064.780</b>	<b>\$ 27.98</b>			
Intra-System OSS for LG&E Economy	\$ (350,291) (6)	(13,605) (6)		\$ 350,291 (6)	13,605.000 (6)	\$ 25.75
Intra-System OSS for LG&E Replacement	\$ (685,961) (6)	(20,463) (6)		\$ 685,961 (6)	20,463.000 (6)	\$ 33.52
OSS from Generation	\$ (119,066) (6)	(8,831) (6)		\$ 119,066 (6)	8,831.000 (6)	\$ 31.08
OSS from Purchased Power	\$ (42,201) (6)	(1,535) (6)		\$ 42,201 (6)	1,535.000 (6)	\$ 27.49
Split Savings and Adjustments	\$ (1,439) (6)	(103) (6)		\$ 1,439 (6)	103.000 (6)	
System Losses	\$ (806) (7)			\$ 806 (7)		
	<b>\$ 45,781,938</b>	<b>1,639,527.780</b>	<b>\$ 27.92</b>	<b>\$ 1,199,763</b>	<b>39,537.000</b>	<b>\$ 30.35</b>
<b>Oct-14</b>						
Total Fuel for Generation (1)	\$ 37,600,037 (2)	1,537,519.000 (3)	\$ 24.46			
Total Purchased Power (1)	\$ 3,635,243 (4)	174,086.000 (3)	\$ 20.88			
System Losses		(103,933.602) (5)				
<b>Total</b>	<b>\$ 41,235,280</b>	<b>1,607,671.398</b>	<b>\$ 25.65</b>			
Intra-System OSS for LG&E Economy	\$ (849,662) (6)	(32,657) (6)		\$ 849,662 (6)	32,657.000 (6)	\$ 26.02
Intra-System OSS for LG&E Replacement	\$ (440,585) (6)	(14,624) (6)		\$ 440,585 (6)	14,624.000 (6)	\$ 30.13
OSS from Generation	\$ (253,247) (6)	(8,055) (6)		\$ 253,247 (6)	8,055.000 (6)	\$ 31.44
OSS from Purchased Power	\$ (82,922) (6)	(2,765) (6)		\$ 82,922 (6)	2,765.000 (6)	\$ 29.99
Split Savings and Adjustments	\$ (12,491) (6)	(120) (6)		\$ 12,491 (6)	120.000 (6)	
System Losses	\$ (1,681) (7)			\$ 1,681 (7)		
	<b>\$ 39,594,692</b>	<b>1,549,450.398</b>	<b>\$ 25.55</b>	<b>\$ 1,640,588</b>	<b>58,221.000</b>	<b>\$ 28.18</b>
<b>Nov-14</b>						
Total Fuel for Generation (1)	\$ 45,478,527 (2)	1,624,725.000 (3)	\$ 27.99			
Total Purchased Power (1)	\$ 7,457,927 (4)	299,165.000 (3)	\$ 24.93			
System Losses		(117,444.673) (5)				
<b>Total</b>	<b>\$ 52,936,454</b>	<b>1,806,445.327</b>	<b>\$ 29.30</b>			
Intra-System OSS for LG&E Economy	\$ (161,165) (6)	(4,991) (6)		\$ 161,165 (6)	4,991.000 (6)	\$ 32.29
Intra-System OSS for LG&E Replacement	\$ (423,048) (6)	(11,713) (6)		\$ 423,048 (6)	11,713.000 (6)	\$ 36.12
OSS from Generation	\$ (30,759) (6)	(845) (6)		\$ 30,759 (6)	845.000 (6)	\$ 36.40
OSS from Purchased Power	\$ (9,994) (6)	(321) (6)		\$ 9,994 (6)	321.000 (6)	\$ 31.13
Split Savings and Adjustments	\$ (711) (6)	(145) (6)		\$ 711 (6)	145.000 (6)	
System Losses	\$ (204) (7)			\$ 204 (7)		
	<b>\$ 52,310,572</b>	<b>1,788,430.327</b>	<b>\$ 29.25</b>	<b>\$ 625,882</b>	<b>18,015.000</b>	<b>\$ 34.74</b>



Kentucky Utilities Company  
Response to Question No. 39  
Case No. 2014-00452

Month

	NATIVE LOAD			OFF SYSTEM SALES		
	Fuel Dollars	mWh	\$/mWh	Fuel Dollars	mWh	\$/mWh
Dec-14						
Total Fuel for Generation (1)	\$ 49,198,808	(2) 1,729,891.000	(3) \$ 28.44			
Total Purchased Power (1)	\$ 5,950,634	(4) 269,492.000	(3) \$ 22.08			
System Losses		(118,705.868)	(5)			
Total	\$ 55,149,442	1,880,677.132	\$ 29.32			
Intra-System OSS for LG&E Economy	(20,925.20)	(6) (840)	(6)	\$ 20,925	(6) 840.000	(6) \$ 24.91
Intra-System OSS for LG&E Replacement	(135,845.08)	(6) (4,337)	(6)	\$ 135,845	(6) 4,337.000	(6) \$ 31.32
OSS from Generation	(36,788.90)	(6) (1,261)	(6)	\$ 36,789	(6) 1,261.000	(6) \$ 29.17
OSS from Purchased Power	(9,119.90)	(6) (346)	(6)	\$ 9,120	(6) 346.000	(6) \$ 26.36
Split Savings and Adjustments	(361.09)	(6) (44)	(6)	\$ 361	(6) 44.000	(6)
System Losses	\$ (230)	(7)		\$ 230	(7)	
	\$ 54,946,172	1,873,849.132	\$ 29.32	\$ 203,270	6,828.000	\$ 29.77

(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.