

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

**In the Matter of:**

<b>AN EXAMINATION OF THE APPLICATION</b>	)	
<b>OF THE FUEL ADJUSTMENT CLAUSE OF</b>	)	<b>CASE NO.</b>
<b>KENTUCKY UTILITIES COMPANY FROM</b>	)	<b>2013-00263</b>
<b>NOVEMBER 1, 2012 THROUGH APRIL 30, 2013</b>	)	

**RESPONSE OF  
KENTUCKY UTILITIES COMPANY  
TO  
INFORMATION REQUESTED IN  
APPENDIX OF COMMISSION'S ORDER  
DATED AUGUST 8, 2013**

**FILED: AUGUST 29, 2013**

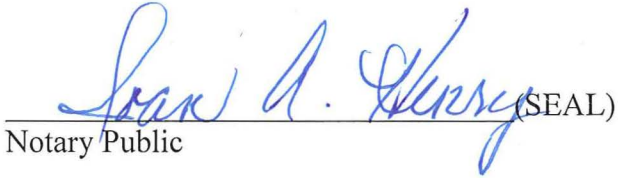
**VERIFICATION**

**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 28<sup>th</sup> day of August 2013.

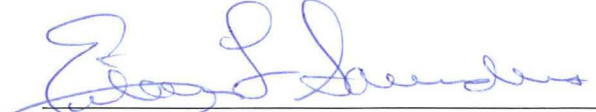
  
 \_\_\_\_\_ (SEAL)  
 Notary Public

My Commission Expires:  
7/21/2015

**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**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 28<sup>th</sup> day of August 2013.

  
\_\_\_\_\_  
Notary Public (SEAL)

My Commission Expires:  
7/21/2015

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*  
Charles R. Schram

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 27<sup>th</sup> day of August 2013.

*Joan A. Henry* (SEAL)  
Notary Public

My Commission Expires:

7/21/2015

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  
**Mike Dotson**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 28<sup>th</sup> day of August 2013.

Joan A. Henry (SEAL)  
Notary Public

My Commission Expires:  
7/21/2015

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 1**

**Witness: Mike Dotson**

- Q-1. For the period from November 1, 2012 through April 30, 2013, list each vendor from whom coal was purchased and the quantities and the 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 no, explain why it has not been filed.
- A-1. See attached. The contracts have been filed with the Commission.

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

<u>PURCHASE VENDOR</u>	<u>PURCHASE TONNAGE</u>	<u>TYPE</u>
Alliance Coal LLC - J09002	283,356	Contract
Arch Coal Sales Company Inc. - J13003	48,925	Spot
Armstrong Coal Company - J07032	731,486	Contract
Armstrong Coal Company - J10009	468,702	Contract
Armstrong Coal Company - K11002	118,807	Contract
Coeclerici Coal Network - J13006	22,961	Spot
Cumberland Elkhorn Coal & Coke - J13007	18,030	Spot
Foresight Coal - J12005	220,043	Contract
MR Coal Marketing & Trading - J12040B	12,559	Spot
Oxford Mining Company - Kentucky LLC - J07003 B	57,949	Contract
Oxford Mining Company - Kentucky LLC - J12003	169,741	Contract
Peabody Coaltrade, LLC - J12008	104,067	Spot
Patriot Coal Corporation - K11001	58,242	Contract
Patriot Coal Corporation - J12001	429,267	Contract
Patriot Coal Corporation - J13004	70,062	Spot
Peabody Coalsales, LLC - J12011	634,206	Contract
Revelation Energy - J12040	11,034	Spot
Rhino Energy LLC - J08028	29,505	Contract
Solar Sources - J12010	174,024	Contract
Triad Mining - J12009	311,252	Contract
Western Kentucky Minerals Inc. - J10001	28,193	Contract
Western Kentucky Minerals & Sun Energy Group - K13002	32,951	Contract
<b>TOTAL</b>	<b>4,035,361</b>	
	3,747,723	93% Contract
	287,638	7% Spot
	<b>4,035,361</b>	

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 2**

**Witness: Robert M. Conroy**

- Q-2. For the period from November 1, 2012 through April 30, 2013, list each vendor from whom natural gas was purchased for generation and the quantities and the nature of each purchase (e.g., spot or contract). For contract purchases, state whether the contract has been filed with the Commission. If no, explain why it has not been filed.
- A-2. Please see the attachment for the list of vendors, associated quantities, and the nature of the natural gas purchases. Please note that purchases from Louisville Gas and Electric Company are primarily for LG&E-owned coal and gas fired generation and purchases from Columbia Gas are for KU-owned gas fired generation served by the local distribution company; however, other natural gas purchases are made on an aggregate basis and not by utility ownership percentages of individual generating units. KU and LG&E have joint ownership in certain combustion turbine units. Trimble County Units 5 and 6 are owned 71% by KU and 29% by LG&E. Trimble County Units 7, 8, 9, and 10 are owned 63% by KU and 37% by LG&E. Brown Unit 5 and Paddy's Run Unit 13 are owned 47% by KU and 53% by LG&E. Brown Units 6 and 7 are owned 62% by KU and 38% by LG&E. Fuel expenses, not individual natural gas purchase transactions, are allocated to the Companies based on their respective ownership percentages.

Purchases from Louisville Gas and Electric Company's Gas Distribution Business are purchases made in accordance with a Special Contract under 807 KAR 5:011 Section 13.<sup>1</sup>

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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.



**Natural Gas Purchases 11/1/2012 - 4/30/2013**

<u>Purchase Vendor</u>	<u>Type</u>	<u>MMBTU</u>
Anadarko Trading	Spot	162,100
Associated Energy	Spot	6,000
Atmos Energy	Spot	117,850
BP Energy	Spot	145,995
Chevron NG	Spot	46,400
CIMA Energy	Spot	137,200
Citigroup Energy	Spot	173,060
Columbia Gas of KY	Spot*	2,229
Colonial Energy	Spot	55,450
Conoco-Phillips	Spot	191,400
Enbridge	Spot	33,900
EDF Trading	Spot	109,000
Gavilon	Spot	42,500
Hess Corporation	Spot	2,000
JLA Energy	Spot	256,400
JPMorgan Ventures	Spot	78,200
Laclede Energy	Spot	48,400
MacquarieCook Energy	Spot	102,000
NJR Energy Services	Spot	255,980
ONEOK Energy	Spot	37,100
Sempra Midstream	Spot	28,600
Sequent Energy	Spot	267,650
Shell Energy NA	Spot	128,956
Southwestern Energy Srvcs	Spot	113,000
Tenaska Market Ventures	Spot	232,615
TVA	Spot	7,400
Total Gas & Power Mktg	Spot	57,200
Vitol Inc.	Spot	318,200
Tennessee Gas Pipeline	Imbalance Cashout	3,804
Louisville Gas and Electric	Special Contract*	270,153
	<b>Total Voume</b>	<b>3,430,742</b>

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

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 3**

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

Q-3. State whether KU engages in hedging activities for its coal or natural gas purchases used for generation. If yes, describe the hedging activities in detail.

A-3. 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:

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

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

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 4**

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

Q-4. For each generating station or unit for which a separate coal pile is maintained, state, for the period from November 1, 2012 through April 30, 2013, the actual amount of coal burned in tons, the actual amount of coal deliveries in tons, the total kWh generated, and the actual capacity factor at which the plant operated.

A-4. The information requested from November 1, 2012 to April 30, 2013 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	665,824	579,608	1,354,980	45.3%
Ghent	3,221,875	3,092,761	6,719,850	80.1%
Green River	209,156	210,000	420,943	57.3%
Tyrone	-	-	(293)	0.0%
Trimble County HS	N/A	1,045,477	N/A	N/A
Trimble County PRB	N/A	152,992	N/A	N/A
Trimble County 2	411,923	N/A	917,347	27.8%

Notes: 1 – Tyrone 3 was on Inactive Reserve status until February 1, 2013 when the unit was retired.  
2 – 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%).  
3 - 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**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 5**

**Witness: Charles R. Schram**

Q-5. List all firm power commitments for KU from November 1, 2012 through April 30, 2013 for (a) purchases and (b) sales. This list shall identify the electric utility, the amount of commitment in MW, and the purpose of the commitment (e.g., peaking, emergency).

A-5. 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:

<u>Utility</u>	<u>Companies' Amt (MW)</u>	<u>KU Portion (MW)</u>	<u>Purpose</u>
OVEC (Nov 2012)	~ 143	~ 44	Baseload
OVEC (Dec 2012)	~ 150	~ 46	Baseload
OVEC (Jan 2013)	~ 150	~ 46	Baseload
OVEC (Feb 2013)	~ 136	~ 42	Baseload
OVEC (Mar 2013)	~ 122	~ 37	Baseload
OVEC (Apr 2013)	~ 116	~ 36	Baseload

b. Firm Sales

None.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 6**

**Witness: Robert M. Conroy**

Q-6. Provide a monthly billing summary of sales to all electric utilities for the period November 1, 2012 through April 30, 2013.

A-6. See attached.



Month Ended: November-30-2012

Kentucky Utilities Company

Power Transaction Schedule

<u>COMPANY</u>		Type of Transaction	KWH	Demand(\$)	Billing Components Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b>SALES</b>							
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	3,000		\$ 72.36	\$ 249.62	\$ 321.98
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	8,000		\$ 210.23	\$ 589.77	\$ 800.00
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	-		\$ -	\$ 0.51	\$ 0.51
LOUISVILLE GAS & ELECTRIC	LGE	Economy	16,744,000		\$ 455,684.35	\$ 18,698.99	\$ 474,383.34
SUBTOTAL			16,755,000	\$ -	\$ 455,966.94	\$ 19,538.89	\$ 475,505.83
<b>TOTAL SALES</b>			<b>16,755,000</b>	<b>\$ -</b>	<b>\$ 455,966.94</b>	<b>\$ 19,538.89</b>	<b>\$ 475,505.83</b>

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



Month Ended: December-31-2012

**Kentucky Utilities Company**

**Power Transaction Schedule**

<u>COMPANY</u>		Type of Transaction	KWH	Demand(\$)	Billing Components Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b>SALES</b>							
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	1,000		\$ 13.30	\$ 14.34	\$ 27.64
AMEREN ENERGY MARKETING COMPANY	AMEM	Economy	4,000		\$ 108.71	\$ 30.53	\$ 139.24
CARGILL- ALLIANT, LLC	CARG	Economy	97,000		\$ 2,475.24	\$ 694.97	\$ 3,170.21
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	1,000		\$ 44.47	\$ 47.97	\$ 92.44
ETC ENDURE	ETC	Economy	58,000		\$ 1,511.81	\$ 424.47	\$ 1,936.28
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	2,000		\$ 56.53	\$ 15.87	\$ 72.40
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	7,000		\$ 201.82	\$ 56.66	\$ 258.48
ENERGY IMBALANCE	IMBL	Economy	10,000		\$ 268.33	\$ 75.33	\$ 343.66
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	50,000		\$ 1,384.46	\$ 388.71	\$ 1,773.17
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	332,000		\$ 7,489.79	\$ 2,102.88	\$ 9,592.67
TENASKA POWER SERVICES CO.	TPS	Economy	12,000		\$ 378.10	\$ 106.16	\$ 484.26
TENNESSEE VALLEY AUTHORITY	TVA	Economy	6,000		\$ 152.84	\$ 42.91	\$ 195.75
LOUISVILLE GAS & ELECTRIC	LGE	Economy	11,176,000		\$ 307,143.88	\$ 21,314.51	\$ 328,458.39
<b>SUBTOTAL</b>			<b>11,756,000</b>	<b>\$ -</b>	<b>\$ 321,229.28</b>	<b>\$ 25,315.31</b>	<b>\$ 346,544.59</b>
<b>TOTAL SALES</b>			<b>11,756,000</b>	<b>\$ -</b>	<b>\$ 321,229.28</b>	<b>\$ 25,315.31</b>	<b>\$ 346,544.59</b>

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



Month Ended: January-31-2013

**Kentucky Utilities Company**

**Power Transaction Schedule**

<u>COMPANY</u>		Type of Transaction	KWH	Demand(\$)	Billing Components Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b>SALES</b>							
CARGILL- ALLIANT, LLC	CARG	Economy	23,000		\$ 535.30	\$ 450.32	\$ 985.62
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	38,000		\$ 1,013.45	\$ 863.94	\$ 1,877.39
ETC ENDURE	ETC	Economy	38,000		\$ 715.00	\$ 601.49	\$ 1,316.49
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	4,000		\$ 202.22	\$ 170.11	\$ 372.33
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	6,000		\$ 266.33	\$ 224.06	\$ 490.39
ENERGY IMBALANCE	IMBL	Economy	5,000		\$ 97.74	\$ 82.22	\$ 179.96
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	93,000		\$ 1,753.32	\$ 1,474.99	\$ 3,228.31
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	832,000		\$ 20,811.54	\$ 17,507.78	\$ 38,319.32
TENASKA POWER SERVICES CO.	TPS	Economy	14,000		\$ 267.36	\$ 224.91	\$ 492.27
TENNESSEE VALLEY AUTHORITY	TVA	Economy	60,000		\$ 1,063.39	\$ 894.58	\$ 1,957.97
WESTAR ENERGY, INC.	WSTR	Economy	12,000		\$ 232.21	\$ 195.33	\$ 427.54
LOUISVILLE GAS & ELECTRIC	LGE	Economy	15,331,000		\$ 443,953.71	\$ 18,923.67	\$ 462,877.38
SUBTOTAL			16,456,000	\$ -	\$ 470,911.57	\$ 41,613.40	\$ 512,524.97
<b>TOTAL SALES</b>			<b>16,456,000</b>	<b>\$ -</b>	<b>\$ 470,911.57</b>	<b>\$ 41,613.40</b>	<b>\$ 512,524.97</b>

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





Month Ended: February-28-2013

Kentucky Utilities Company

Power Transaction Schedule

<u>COMPANY</u>		Type of Transaction	KWH	Demand(\$)	Billing Components Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b><u>SALES</u></b>							
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	4,000		\$ 97.77	\$ 303.65	\$ 401.42
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	6,000		\$ 146.65	\$ 454.89	\$ 601.54
LOUISVILLE GAS & ELECTRIC	LGE	Economy	8,564,000		\$ 247,315.87	\$ 10,751.92	\$ 258,067.79
SUBTOTAL			8,574,000	\$ -	\$ 247,560.29	\$ 11,510.46	\$ 259,070.75
<b>TOTAL SALES</b>			<b>8,574,000</b>	<b>\$ -</b>	<b>\$ 247,560.29</b>	<b>\$ 11,510.46</b>	<b>\$ 259,070.75</b>

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



Month Ended: March-31-2013

**Kentucky Utilities Company**

**Power Transaction Schedule**

<u>COMPANY</u>		Type of Transaction	KWH	Demand(\$)	Billing Components Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b><u>SALES</u></b>							
CARGILL- ALLIANT, LLC	CARG	Economy	88,000		\$ 2,354.00	\$ 1,065.15	\$ 3,419.15
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	113,000		\$ 2,978.69	\$ 1,347.82	\$ 4,326.51
ETC ENDURE	ETC	Economy	70,000		\$ 1,642.11	\$ 743.04	\$ 2,385.15
EXELON GENERATION COMPANY, LLC	EXEL	Economy	6,000		\$ 155.37	\$ 70.31	\$ 225.68
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	6,000		\$ 346.49	\$ 156.78	\$ 503.27
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	16,000		\$ 731.22	\$ 330.87	\$ 1,062.09
ENERGY IMBALANCE	IMBL	Economy	11,000		\$ 282.06	\$ 127.62	\$ 409.68
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	56,000		\$ 1,102.12	\$ 498.69	\$ 1,600.81
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	219,000		\$ 6,423.59	\$ 2,906.60	\$ 9,330.19
TENASKA POWER SERVICES CO.	TPS	Economy	11,000		\$ 450.04	\$ 203.63	\$ 653.67
TENNESSEE VALLEY AUTHORITY	TVA	Economy	50,000		\$ 1,284.60	\$ 581.27	\$ 1,865.87
LOUISVILLE GAS & ELECTRIC	LGE	Economy	12,232,000		\$ 369,525.87	\$ 7,928.70	\$ 377,454.57
SUBTOTAL			12,878,000	\$ -	\$ 387,276.16	\$ 15,960.48	\$ 403,236.64
<b>TOTAL SALES</b>			<b>12,878,000</b>	<b>\$ -</b>	<b>\$ 387,276.16</b>	<b>\$ 15,960.48</b>	<b>\$ 403,236.64</b>

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



Month Ended: April-30-2013

Kentucky Utilities Company

Power Transaction Schedule

<u>COMPANY</u>		Type of Transaction	KWH	Demand(\$)	Billing Components Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)
<b><u>SALES</u></b>							
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	2,000		\$ 52.29	\$ 20.34	\$ 72.63
CARGILL- ALLIANT, LLC	CARG	Economy	17,000		\$ 507.86	\$ 197.48	\$ 705.34
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	16,000		\$ 461.47	\$ 179.44	\$ 640.91
ETC ENDURE	ETC	Economy	11,000		\$ 357.23	\$ 138.91	\$ 496.14
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	5,000		\$ 141.12	\$ 358.88	\$ 500.00
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	13,000		\$ 366.92	\$ 933.08	\$ 1,300.00
ENERGY IMBALANCE	IMBL	Economy	4,000		\$ 123.18	\$ 47.91	\$ 171.09
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	6,000		\$ 154.28	\$ 59.99	\$ 214.27
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	40,000		\$ 1,122.24	\$ 436.38	\$ 1,558.62
TENASKA POWER SERVICES CO.	TPS	Economy	5,000		\$ 131.95	\$ 51.31	\$ 183.26
TENNESSEE VALLEY AUTHORITY	TVA	Economy	55,000		\$ 1,525.68	\$ 593.24	\$ 2,118.92
LOUISVILLE GAS & ELECTRIC	LGE	Economy	8,198,000		\$ 243,839.36	\$ 12,026.48	\$ 255,865.84
SUBTOTAL			8,372,000	\$ -	\$ 248,783.59	\$ 15,043.44	\$ 263,827.02
<b>TOTAL SALES</b>			<b>8,372,000</b>	<b>\$ -</b>	<b>\$ 248,783.59</b>	<b>\$ 15,043.44</b>	<b>\$ 263,827.02</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 Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 7**

**Witness: Eileen Saunders**

Q-7. List KU's scheduled, actual, and forced outages from November 1, 2012 through April 30, 2013.

A-7. See attached.

Kentucky Utilities Company  
 E. W. Brown Unit 1 - Coal - 106 MW  
 In-service May 1957  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	S	→	11/4/2012 15:00	→	11/7/2012 6:58	87:00		150:58	Minor boiler overhaul.
	F			11/7/2012 7:05	11/8/2012 1:30		18:25		Turbine control valves.
	F			11/8/2012 1:30	11/8/2012 14:21		12:51		Vibration on bearing.
	F			11/8/2012 16:57	11/14/2012 8:23		135:26		Turbine trip device.
December	S	12/1/2012 13:04	12/2/2012 14:45	12/1/2012 13:04	12/2/2012 14:45	25:41		25:41	Distributive control system upgrades.
	S	12/5/2012 12:52	12/6/2012 23:30	12/5/2012 12:52	12/6/2012 23:30	34:38		34:38	Auxiliary oil pump repair.
	F			12/27/2012 22:21	12/28/2012 6:00		7:39		Feedwater startup valve.
January	No Outages > or = 6 Hours								
February	No Outages > or = 6 Hours								
March	S	3/11/2013 20:40	3/16/2013 0:11	3/11/2013 20:40	3/16/2013 0:11	99:31		99:31	Brown 3 mercury testing.
	S	3/16/2013 0:11	3/21/2013 3:07	3/16/2013 0:11	3/21/2013 3:07	122:56		122:56	FGD expansion joints replacement.
	F			3/21/2013 10:15	3/21/2013 20:28		10:13		Hot air dampers.
April	S	4/20/2013 0:00	4/28/2013 15:00	4/20/2013 2:18	4/28/2013 7:17	207:00		196:59	Boiler inspection.

Kentucky Utilities Company  
 E. W. Brown Unit 2 - Coal - 166 MW  
 In-service June 1963  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No Outages > or = 6 Hours							
December	F		12/13/2012 11:06	12/15/2012 4:16	41:10			Boiler tube leak.
January	F		1/9/2013 10:57	1/9/2013 23:20	12:23			Exciter field rheostat.
February	No Outages > or = 6 Hours							
March	S	3/11/2013 22:31	3/13/2013 21:38	3/11/2013 22:31	3/13/2013 21:38	47:07	47:07	Brown 3 mercury testing.
April	No Outages > or = 6 Hours							

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown Unit 3 - Coal - 412 MW  
 In-service July 1971  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	S	→	11/25/2012 15:00	→	11/26/2012 0:00	591:00	600:00	Major turbine overhaul.
	S	11/26/2012 0:00	11/30/2012 15:06	11/26/2012 0:00	11/30/2012 15:06	111:06	111:06	Major turbine overhaul planned extension.
December	F			12/1/2012 13:07	12/2/2012 4:29		15:22	Blowdown valve replacement.
	S	12/7/2012 22:31	12/8/2012 18:49	12/7/2012 22:31	12/8/2012 18:49	20:18	20:18	SCR steam piping.
	S	12/22/2012 10:57	12/24/2012 3:51	12/22/2012 10:57	12/24/2012 3:51	40:54	40:54	Boiler recirculation pump replacement.
January	F			1/7/2013 12:52	1/9/2013 14:44		49:52	First reheater leak.
February	S	2/10/2013 0:48	2/12/2013 23:07	2/10/2013 0:48	2/12/2013 23:07	70:19	70:19	Air heater soot blower inspection.
	S	2/16/2013 8:30	2/17/2013 15:53	2/16/2013 8:30	2/17/2013 15:53	31:23	31:23	Blowdown tank discharge piping.
March	S	3/16/2013 0:00	3/24/2013 15:00	3/16/2013 0:11	3/24/2013 5:45	207:00	197:34	Boiler inspection.
	F			3/24/2013 5:45	3/25/2013 2:33		20:48	Air heater soot blower.
	F			3/25/2013 8:18	3/30/2013 4:30		116:12	Boiler pipe.
April	No Outages > or = 6 Hours							

Kentucky Utilities Company  
 Ghent Unit 1 - Coal - 479 MW  
 In-service February 1974  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	S	11/2/2012 23:53	11/4/2012 15:00	11/2/2012 23:53	11/4/2012 15:00	39:07		39:07	Furnace wall leak.
	F			11/4/2012 15:00	11/6/2012 4:51		37:51		Circulating water piping.
	S	11/16/2012 23:52	11/19/2012 0:47	11/16/2012 23:52	11/19/2012 0:47	48:55		48:55	Boiler tube leak.
	S	11/22/2012 0:46	11/23/2012 18:29	11/22/2012 0:46	11/23/2012 18:29	41:43		41:43	Boiler tube leak.
December	S	12/3/2012 11:10	12/5/2012 6:44	12/3/2012 11:10	12/5/2012 6:44	43:34		43:34	Turbine turning gear and motor.
January	S	1/10/2013 22:14	1/12/2013 1:51	1/10/2013 22:14	1/12/2013 1:51	27:37		27:37	Boiler recirculation pump.
	F			1/12/2013 1:51	1/12/2013 9:44		7:53		Air heater rotation during start-up
February	F			2/27/2013 22:35	2/28/2013 22:23		23:48		Furnace wall leak.
March	No Outages > or = 6 Hours								
April	F			4/10/2013 0:57	4/11/2013 21:57		45:00		Reheater tube leak.
	S	4/13/2013 0:00	4/28/2013 15:00	4/11/2013 21:57	4/27/2013 13:47	375:00		375:50	First reheater leak.

Report dates of forced outage in columns headed Actual



Kentucky Utilities Company  
 Ghent Unit 2 - Coal - 495 MW  
 In-service April 1977  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No Outages > or = 6 Hours							
December	No Outages > or = 6 Hours							
January	No Outages > or = 6 Hours							
February	F		2/4/2013 11:09	2/5/2013 7:34	20:25			Hydrogen leak.
	F		2/10/2013 16:10	2/12/2013 4:22	36:12			Furnace wall leak.
March	S	3/15/2013 13:01	3/17/2013 11:31	3/15/2013 13:01	3/17/2013 11:31	46:30	46:30	Furnace wall leak.
April	S	4/27/2013 0:00	—————>	4/26/2013 22:30	—————>	96:00	97:30	Boiler inspection.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Ghent Unit 3 - Coal - 489 MW  
 In-service May 1981  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE					HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	No Outages > or = 6 Hours								
December	F			12/7/2012 11:11	12/9/2012 17:21	54:10			First superheater tube leak.
	S	12/29/2012 23:48	12/30/2012 20:12	12/29/2012 23:48	12/30/2012 20:12	20:24		20:24	Furnace wall leak.
January	S	1/28/2013 11:14	1/31/2013 8:42	1/28/2013 11:14	1/31/2013 8:42	69:28		69:28	Induced draft fan bearing vibration.
February	No Outages > or = 6 Hours								
March	No Outages > or = 6 Hours								
April	S	4/4/2013 14:09	4/7/2013 19:57	4/4/2013 14:09	4/7/2013 19:57	77:48		77:48	Air heater.
	S	4/12/2013 23:56	4/14/2013 6:44	4/12/2013 23:56	4/14/2013 6:44	30:48		30:48	Flue gas recirculating fan.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Ghent Unit 4 - Coal - 469 MW  
 In-service August 1984  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	S	—————>	11/4/2012 15:00	—————>	11/2/2012 11:27	87:00		35:27	Air heater.
December	S	12/15/2012 6:45	12/17/2012 10:09	12/15/2012 6:45	12/17/2012 10:09	51:24		51:24	Induced draft fan.
	S	12/28/2012 0:15	—————>	12/28/2012 0:15	—————>	95:45		95:45	Induced draft fan.
January	S	—————>	1/9/2013 4:56	—————>	1/9/2013 4:56	196:56		196:56	" " "
	S	1/11/2013 22:13	1/16/2013 16:17	1/11/2013 22:13	1/16/2013 16:17	114:04		114:04	Induced draft fan.
	F			1/16/2013 16:17	1/17/2013 16:07		23:50		Induced draft fan.
	S	1/19/2013 12:39	1/20/2013 8:36	1/19/2013 12:39	1/20/2013 8:36	19:57		19:57	Induced draft fan.
February	F			2/2/2013 0:02	2/2/2013 22:18		22:16		Condenser tube leak.
	S	2/8/2013 23:01	2/10/2013 2:38	2/8/2013 23:01	2/10/2013 2:38	27:37		27:37	Air heater.
March	No Outages > or = 6 Hours								
April	No Outages > or = 6 Hours								

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Green River Unit 3 - Coal - 68 MW  
 In-service April 1954  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	S	11/18/2012 15:00	11/15/2012 6:29	423:00		342:29	Minor boiler overhaul.	
	F		11/15/2012 8:38 11/15/2012 20:48		12:10		Induced draft fan bearings.	
December	No Outages > or = 6 Hours							
January	No Outages > or = 6 Hours							
February	No Outages > or = 6 Hours							
March	F		3/18/2013 6:17 3/18/2013 19:59		13:42		Attemperator thermocouple.	
April	No Outages > or = 6 Hours							

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Green River Unit 4 - Coal - 95 MW  
 In-service July 1959  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	F		11/2/2012 8:04	11/3/2012 11:59			27:55	Second superheater leak.
	F		11/5/2012 12:30	11/6/2012 15:13			26:43	Second superheater leak.
	F		11/8/2012 21:54	11/9/2012 15:00			17:06	Second superheater leak.
	F		11/28/2012 4:07	11/29/2012 9:12			29:05	Second superheater leak.
December	F		12/6/2012 15:41	12/7/2012 16:27			24:46	Second superheater leak.
	F		12/10/2012 9:03	12/13/2012 10:28			73:25	Furnace wall leak.
	F		12/31/2012 14:30	—————>			9:30	First reheater leak.
January	F		—————>	1/2/2013 22:14			46:14	" " "
	F		1/13/2013 20:11	1/15/2013 14:08			41:57	Turbine hydraulic system throttle valve oil leak.
	S	1/18/2013 20:33	1/21/2013 5:46	1/18/2013 20:33	1/21/2013 5:46		57:13	57:13 First reheater leak.
February	F		2/19/2013 11:23	2/20/2013 10:21			22:58	Second superheater leak.
	S	2/22/2013 13:33	2/22/2013 23:27	2/22/2013 13:33	2/22/2013 23:27		9:54	9:54 Condenser tube leak.
March	F		3/19/2013 15:38	3/21/2013 3:19			35:41	Furnace wall leak.
	S	3/30/2013 0:00	—————>	3/29/2013 20:57	—————>		48:00	51:03 Minor boiler overhaul.
April	S	—————>	4/21/2013 15:00	—————>	4/19/2013 22:42		495:00	454:42 " " "
	S	4/27/2013 22:40	4/28/2013 10:52	4/27/2013 22:40	4/28/2013 10:52		12:12	12:12 Induced draft fan.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #2 - Coal - 549 MW (75% ownership share of 732 MW jointly owned with LG&E)  
 In-service January 2011  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	S	—————>	—————>	—————>	—————>	720:00	720:00	Warranty inspection.
December	S	—————>	12/9/2012 15:00	—————>	12/10/2012 0:00	207:00	216:00	" "
	S	12/10/2012 0:00	12/20/2012 10:07	12/10/2012 0:00	12/20/2012 10:07	250:07	250:07	Warranty inspection.
	F			12/20/2012 11:08	—————>	276:52		Turbine bearings.
January	F			—————>	1/7/2013 18:06	162:06		" "
February	F			2/5/2013 1:26	2/7/2013 17:15	63:49		Induced draft fan.
	F			2/7/2013 18:12	2/8/2013 3:11	8:59		Feedwater flow.
	F			2/8/2013 18:17	2/10/2013 21:27	51:10		Superheater leak.
	F			2/11/2013 11:46	2/13/2013 13:13	49:27		Reheat steam safety valve.
	F			2/25/2013 15:19	2/28/2013 14:48	71:29		Air heater.
March	F			3/17/2013 17:13	3/24/2013 5:47	156:34		Boiler.
	S	3/23/2013 0:00	—————>	3/24/2013 5:47	—————>	216:00	186:13	Burner modification.
April	S	—————>	—————>	—————>	—————>	720:00	720:00	" "

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Tyrone Unit 3 - Coal - 71 MW  
 In-service July 1953  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No Outages > or = 6 Hours							
December	No Outages > or = 6 Hours							
January	No Outages > or = 6 Hours							
February	No Outages > or = 6 Hours							
March	No Outages > or = 6 Hours							
April	No Outages > or = 6 Hours							

\*TY3 was on Inactive Reserve until February 1, 2013, when the unit was retired.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown 5 - Gas CT - 112 MW (jointly owned with LG&E)  
 In-service June 2001  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No Outages > or = 6 Hours							
December	No Outages > or = 6 Hours							
January	S	1/14/2013 6:55	1/14/2013 13:24	1/14/2013 6:55	1/14/2013 13:24	6:29	6:29	Gas orifice and meter inspection.
February	No Outages > or = 6 Hours							
March	S	3/2/2013 0:00	3/10/2013 15:00	3/7/2013 11:14	3/8/2013 14:15	207:00	27:01	Boroscope inspection.
April	No Outages > or = 6 Hours							

Report dates of forced outage in columns headed Actual



Kentucky Utilities Company  
 E. W. Brown 6 - Gas CT - 146 MW (jointly owned with LG&E)  
 In-service August 1999  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No Outages > or = 6 Hours							
December	S	12/3/2012 6:30	12/4/2012 16:40	12/3/2012 6:30	12/4/2012 16:40	34:10	34:10	Inlet air filters.
January	S	1/9/2013 5:20	1/9/2013 14:01	1/9/2013 5:20	1/9/2013 14:01	8:41	8:41	Quench lances replacement.
	S	1/29/2013 6:30	1/29/2013 14:45	1/29/2013 6:30	1/29/2013 14:45	8:15	8:15	Quench lances replacement.
February	No Outages > or = 6 Hours							
March	S	3/2/2013 0:00	3/10/2013 15:00	3/1/2013 6:30	3/7/2013 12:54	207:00	150:24	Boroscope inspection.
	F			3/18/2013 4:40	3/19/2013 5:07	24:27		Battery and charger system.
April	No Outages > or = 6 Hours							

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown 7 - Gas CT - 146 MW (jointly owned with LG&E)  
 In-service August 1999  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	No Outages > or = 6 Hours								
December	S	12/15/2012 7:00	12/15/2012 14:00	12/15/2012 7:00	12/15/2012 14:00	7:00		7:00	Nozzles replacement.
January	F			1/24/2013 22:11	1/26/2013 15:00	40:49			Exhaust bearing fan motor.
February	S	2/11/2013 6:30	2/11/2013 14:32	2/11/2013 6:30	2/11/2013 14:32	8:02		8:02	Exhaust bearing fan motor.
March	No Outages > or = 6 Hours								
April	No Outages > or = 6 Hours								

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown 8 - Gas CT - 102 MW  
 In-service February 1995  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	S	11/10/2012 0:00	11/18/2012 15:00	11/3/2012 6:30	11/9/2012 15:50	207:00	153:20	Controls upgrade.
	S	11/9/2012 18:20	11/10/2012 7:00	11/9/2012 18:20	11/10/2012 7:00	12:40	12:40	Controls upgrade.
December	No Outages > or = 6 Hours							
January	S	1/10/2013 5:30	1/10/2013 18:01	1/10/2013 5:30	1/10/2013 18:01	12:31	12:31	Boroscope inspection.
	F			1/16/2013 8:52	1/17/2013 10:10		25:18	High speed controller processor.
	F			1/22/2013 8:20	1/24/2013 15:54		55:34	Exciter diode.
February	No Outages > or = 6 Hours							
March	No Outages > or = 6 Hours							
April	S	4/12/2013 5:25	4/12/2013 12:05	4/12/2013 5:25	4/12/2013 12:05	6:40	6:40	Orifice inspection.
	S	4/26/2013 4:50	—————>	4/26/2013 4:50	—————>	115:10	115:10	Combustor liner replacement.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown 9 - Gas CT - 102 MW  
 In-service January 1995  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	S	11/10/2012 0:00	11/18/2012 15:00	11/3/2012 6:30	11/12/2012 13:11	207:00		222:41	Controls upgrade.
	S	11/27/2012 6:00	11/27/2012 17:27	11/27/2012 6:00	11/27/2012 17:27	11:27		11:27	Lube oil leak.
December	No Outages > or = 6 Hours								
January	S	1/3/2013 9:25	1/3/2013 16:49	1/3/2013 9:25	1/3/2013 16:49	7:24		7:24	Controls upgrade.
	S	1/11/2013 6:30	1/11/2013 17:30	1/11/2013 6:30	1/11/2013 17:30	11:00		11:00	Boroscope inspection.
	S	1/17/2013 12:00	1/20/2013 19:19	1/17/2013 12:00	1/20/2013 19:19	79:19		79:19	Boroscope inspection.
February	No Outages > or = 6 Hours								
March	No Outages > or = 6 Hours								
April	S	4/1/2013 5:54	4/2/2013 0:10	4/1/2013 5:54	4/2/2013 0:10	18:16		18:16	Orifice inspection.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown 10 - Gas CT - 102 MW  
 In-service December 1995  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	S	11/3/2012 6:30	11/4/2012 18:12	11/3/2012 6:30	11/4/2012 18:12	35:42		35:42	Controls upgrade.
	S	11/3/2012 0:00	11/18/2012 15:00	11/10/2012 7:00	11/16/2012 18:01	375:00		155:01	Controls upgrade.
December	S	12/18/2012 7:07	12/18/2012 15:17	12/18/2012 7:07	12/18/2012 15:17	8:10		8:10	Controls upgrade.
January	S	1/12/2013 6:30	1/12/2013 14:10	1/12/2013 6:30	1/12/2013 14:10	7:40		7:40	Boroscope inspection.
February	No Outages > or = 6 Hours								
March	No Outages > or = 6 Hours								
April	No Outages > or = 6 Hours								

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 E. W. Brown 11 - Gas CT - 102 MW  
 In-service May 1996  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	Scheduled		Actual		Scheduled	Forced	Actual		
	FROM	TO	FROM	TO					
November	S	11/3/2012 6:30	11/4/2012 18:12	11/3/2012 6:30	11/4/2012 18:12	35:42		35:42	Controls upgrade.
	S	11/3/2012 0:00	11/18/2012 15:00	11/12/2012 15:58	11/17/2012 14:22	375:00		118:24	Controls upgrade.
December	No Outages > or = 6 Hours								
January	S	1/8/2013 8:00	1/8/2013 16:11	1/8/2013 8:00	1/8/2013 16:11	8:11		8:11	Controls upgrade.
	S	1/13/2013 6:30	1/13/2013 14:30	1/13/2013 6:30	1/13/2013 14:30	8:00		8:00	Boroscope inspection.
	F			1/13/2013 14:30			441:30		Heat shield.
February	F						672:00		" "
March	F				3/13/2013 13:22		301:22		" "
	F			3/13/13 14:33	3/14/2013 9:07		18:34		Low pressure blades.
	F			3/14/13 13:19	3/18/2013 18:04		100:45		Low pressure blades.
April	No Outages > or = 6 Hours								

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Haefling 1 - Gas CT - 12 MW  
 In-service October 1970  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No Outages > or = 6 Hours							
December	S	12/6/2012 9:00	12/6/2012 16:45	12/6/2012 9:00	12/6/2012 16:45	7:45	7:45	Circuit breaker hydraulic line leak.
January	No Outages > or = 6 Hours							
February	No Outages > or = 6 Hours							
March	No Outages > or = 6 Hours							
April	F			4/12/2013 7:41	4/16/2013 14:10		102:29	Fuel oil valve repair.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Haefling 2 - Gas CT - 12 MW  
 In-service October 1970  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				

November No Outages > or = 6 Hours

December S 12/6/2012 9:00 12/6/2012 16:45 12/6/2012 9:00 12/6/2012 16:45 7:45 7:45 Circuit breaker hydraulic line leak.

January No Outages > or = 6 Hours

February No Outages > or = 6 Hours

March No Outages > or = 6 Hours

April No Outages > or = 6 Hours

Report dates of forced outage in columns headed Actual



Kentucky Utilities Company  
 Haefling 3 - Gas CT - 12 MW  
 In-service October 1970  
 November 2012 through April 2013

Schedule vs. Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				

November No Outages > or = 6 Hours

December S 12/6/2012 9:00 12/6/2012 16:45 12/6/2012 9:00 12/6/2012 16:45 7:45 7:45 Circuit breaker hydraulic line leak.

January No Outages > or = 6 Hours

February No Outages > or = 6 Hours

March No Outages > or = 6 Hours

April No Outages > or = 6 Hours

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
Paddys Run Unit # 13 - Gas CT - 147 MW (jointly owned with KU)  
In-service June 2001  
November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No outages > or = 6 hours							
December	S	12/11/2012 9:53	12/15/2012 8:00	12/11/2012 9:53	12/15/2012 8:00	94:07	94:07	Gas line maintenance.
	S	12/18/2012 15:52	12/19/2012 21:30	12/18/2012 15:52	12/19/2012 21:30	29:38	29:38	Gas line maintenance.
January	No outages > or = 6 hours							
February	S	2/23/2013 0:00	3/3/2013 15:00	2/25/2013 7:02	2/28/2013 13:32	207:00	78:30	Unit inspection.
March	F			3/28/2013 13:40	—————>	82:20		Exciter.
April	F			—————>	4/3/2013 11:47	59:47		"

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #5 - Gas CT - 157 MW (jointly owned with LG&E)  
 In-service May 2002  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No outages > or = 6 hours							
December	No outages > or = 6 hours							
January	No outages > or = 6 hours							
February	No outages > or = 6 hours							
March	No outages > or = 6 hours							
April	F		4/13/2013 19:05	4/14/2013 5:52	10:47			Proximeter cable.

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #6 - Gas CT - 157 MW (jointly owned with LG&E)  
 In-service May 2002  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	No outages > or = 6 hours							
December	No outages > or = 6 hours							
January	No outages > or = 6 hours							
February	S	2/8/2013 4:42	2/8/2013 17:48	2/8/2013 4:42	2/8/2013 17:48	13:06		13:06 Transformer oil leak.
March	No outages > or = 6 hours							
April	No outages > or = 6 hours							

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #7 - Gas CT - 157 MW (jointly owned with LG&E)  
 In-service June 2004  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				

November	No outages > or = 6 hours
December	No outages > or = 6 hours
January	No outages > or = 6 hours
February	No outages > or = 6 hours
March	No outages > or = 6 hours
April	No outages > or = 6 hours

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #8 - Gas CT - 157 MW (jointly owned with LG&E)  
 In-service June 2004  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	F		11/29/2012 2:15	11/29/2012 16:10	13:55			Fuel gas valves.
	F		11/30/2012 0:56	—————>	23:04			Fuel gas valves.
December	F		—————>	12/3/2012 19:08	67:08			" " "
January	No outages > or = 6 hours							
February	No outages > or = 6 hours							
March	No outages > or = 6 hours							
April	No outages > or = 6 hours							

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #9 - Gas CT - 157 MW (jointly owned with LG&E)  
 In-service July 2004  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	S	11/4/2012 15:00	11/3/2012 8:09	87:00	56:09		Hot gas path inspection.	
	F		11/25/2012 12:59	11/25/2012 21:50	8:51		Starting system.	
December	No outages > or = 6 hours							
January	F		1/21/2013 6:08	1/21/2013 13:35	7:27		Hydraulic oil system solenoid.	
February	No outages > or = 6 hours							
March	No outages > or = 6 hours							
April	No outages > or = 6 hours							

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company  
 Trimble County Unit #10 - Gas CT - 157 MW (jointly owned with LG&E)  
 In-service July 2004  
 November 2012 through April 2013

Schedule vs Actual

MONTH	MAINTENANCE				HOURS OF DURATION			REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
	Scheduled		Actual		Scheduled	Forced	Actual	
	FROM	TO	FROM	TO				
November	F			11/25/2012 12:59	11/25/2012 21:50	8:51		Starting system.
December		No outages > or = 6 hours						
January		No outages > or = 6 hours						
February		No outages > or = 6 hours						
March	S	3/30/2013 0:00	→	3/29/2013 9:40	→	48:00	62:20	Hot gas path inspection.
April	S	→	→	→	→	720:00	720:00	" " " "

Report dates of forced outage in columns headed Actual



**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 8**

**Witness: Mike Dotson**

- Q-8. List all existing fuel contracts categorized as long-term (i.e., one year or more in length). Provide the following information for each contract:
- 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-8. See attached.

- A. NAME/ADDRESS: Alliance Coal, LLC / J09002  
1717 South Boulder Av., Suite 400  
Tulsa, Oklahoma 74119-4886
- B. PRODUCTION FACILITY:  
OPERATOR River View Coal, LLC  
MINE River View Mine  
LOCATION Union County, Kentucky
- C. CONTRACT EXECUTED DATE: November 10, 2008
- D. CONTRACT DURATION: November 3, 2008 – December 31, 2015
- E. CONTRACT AMENDMENTS: None
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |   |
|------|---|
| 2010 | 69,072 tons (includes FM of<br>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 | 472,208 tons      | 238,474 tons |
|      | (through 4/30/13) |              |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |                       |
|------|-----------------------|
| 2010 | 100%                  |
| 2011 | 97%                   |
| 2012 | 101%                  |
| 2013 | 36% (through 4/30/13) |
- I. BASE PRICE (FOB Barge): \$41.00 per ton
- J. ESCALATIONS TO DATE: \$10.52 per ton
- K. CURRENT CONTRACT PRICE: \$51.52 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  
Amending pricing.
- 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 | 1,062,814 tons    | 0 tons      |
|      | (through 4/30/13) |             |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |                   |
|------|-------------------|
| 2012 | 96%               |
| 2013 | 35%               |
|      | (through 4/30/13) |
- I. BASE PRICE (FOB Railcar):
- |      |  |
|------|--|
| 2012 | - \$47.00 per ton FOB Railcar          |
| 2013 | - \$48.00 per ton FOB Railcar          |
| 2014 | - Pricing for 1.5 Million tons         |
|      | \$49.00 per ton FOB Railcar            |
|      | Pricing for remaining 1.5 Million tons |
|      | to be negotiated                       |
- J. ESCALATIONS TO DATE: None
- K. CURRENT CONTRACT PRICE: \$48.00 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.
- F. ANNUAL TONNAGE REQUIREMENTS:
- |                   |                           |
|-------------------|---------------------------|
| 2008              | 600,000 tons              |
| 2009              | 2,200,000 tons            |
| 2010              | 1,800,000 tons            |
| 2011 through 2015 | - 2,100,000 tons per year |
| 2016              | 900,000 tons              |
- 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 | 218,770 tons      | 439,055 tons   |
|      | (through 4/30/13) |                |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |                   |
|------|-------------------|
| 2008 | 99%               |
| 2009 | 98%               |
| 2010 | 102%              |
| 2011 | 89%               |
| 2012 | 101%              |
| 2013 | 31%               |
|      | (through 4/30/13) |
- 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	\$30.25 per ton
	Quality 2	\$31.67 per ton

J. ESCALATIONS TO DATE: \$1.41 per ton

K. CURRENT CONTRACT PRICE: Quality 1 - \$29.76 per ton

- A. NAME/ADDRESS: Armstrong Coal Company, Inc / J10009  
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 22, 2009
- D. CONTRACT DURATION: January 1, 2011 - December 31, 2016
- E. CONTRACT AMENDMENTS: None
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |                |
|------|----------------|
| 2011 | 1,250,000 tons |
| 2012 | 1,250,000 tons |
| 2013 | 1,250,000 tons |
| 2014 | 750,000 tons   |
| 2015 | 750,000 tons   |
| 2016 | 750,000 tons   |
- G. ACTUAL TONNAGE:
- |           | <u>LG&amp;E</u>   | <u>KU</u>    |
|-----------|-------------------|--------------|
| RECEIVED: |                   |              |
| 2011      | 565,386 tons      | 585,065 tons |
| 2012      | 590,977 tons      | 650,230 tons |
| 2013      | 30,718 tons       | 348,694 tons |
|           | (through 4/30/13) |              |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |     |                   |
|------|-----|-------------------|
| 2011 | 92% |                   |
| 2012 | 99% |                   |
| 2013 | 30% | (through 4/30/13) |
- I. BASE PRICE (FOB Barge)
- |      |                 |
|------|-----------------|
| 2011 | \$42.00 per ton |
| 2012 | \$43.50 per ton |
| 2013 | \$45.00 per ton |
- J. ESCALATIONS TO DATE: \$3.60 per ton
- K. CURRENT CONTRACT PRICE: \$48.60 per ton

- A. NAME/ADDRESS: Armstrong Coal Company, Inc / K11002  
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: July 27, 2010
- D. CONTRACT DURATION: January 1, 2011 - December 31, 2013
- 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:
- |      |              |  |
|------|--------------|--|
| 2011 | 150,000 tons |  |
| 2012 | 344,127 tons |  |
| 2013 | 200,000 tons |  |
- G. ACTUAL TONNAGE:  
RECEIVED:
- |      |              |                   |
|------|--------------|-------------------|
|      |              | <u>KU</u>         |
| 2011 | 150,473 tons |                   |
| 2012 | 344,127 tons |                   |
| 2013 | 79,047 tons  | (through 4/30/13) |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |      |                   |
|------|------|-------------------|
| 2011 | 100% |                   |
| 2012 | 100% |                   |
| 2013 | 40%  | (through 4/30/13) |
- I. BASE PRICE (FOB Plant)
- |      |                 |
|------|-----------------|
| 2011 | \$56.00 per ton |
| 2012 | \$57.00 per ton |
| 2013 | \$59.25 per ton |
- J. ESCALATIONS TO DATE: \$0.64 per ton
- K. CURRENT CONTRACT PRICE: \$59.89 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      | 0 tons    |
| 2013 | 196,127 tons      | 0 tons    |
|      | (through 4/30/13) |           |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |     |                   |
|------|-----|-------------------|
| 2012 | 99% |                   |
| 2013 | 39% | (through 4/30/13) |
- 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: \$3.12 per ton
- K. CURRENT CONTRACT PRICE: \$49.12 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, 2013
- E. CONTRACT AMENDMENTS: None
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |                |
|------|----------------|
| 2012 | 500,000 tons   |
| 2013 | 1,000,000 tons |
| 2014 | Reopener       |
- G. ACTUAL TONNAGE:  
RECEIVED:
- |      | <u>KU</u>         | <u>LGE</u>   |
|------|-------------------|--------------|
| 2012 | 265,101 tons      | 234,758 tons |
| 2013 | 188,838 tons      | 191,139 tons |
|      | (through 4/30/13) |              |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |      |                   |
|------|------|-------------------|
| 2012 | 100% |                   |
| 2013 | 38%  | (through 4/30/13) |
- I. BASE PRICE: (FOB Barge)
- |      |                 |
|------|-----------------|
| 2012 | \$46.00 per ton |
| 2013 | \$48.50 per ton |
| 2014 | Reopener        |
| 2015 | Reopener        |
- J. ESCALATIONS TO DATE: None
- K. CURRENT CONTRACT PRICE: \$48.50 per ton

A. NAME/ADDRESS: Oxford Mining Company – Kentucky, LLC  
(contract acquired on 9/30/09 from Charolais Coal Sales, LLC) / J07003  
544 Chestnut Street  
Coshocton, Ohio 43812

B. PRODUCTION FACILITY:  
OPERATOR Charolais Coal No.1, LLC & Charolais Coal Resources, LLC  
MINE Vogue West & Rock Crusher Mines  
LOCATION Muhlenberg County, Kentucky

C. CONTRACT EXECUTED DATE: December 21, 2006

D. CONTRACT DURATION: January 1, 2007 – December 31, 2011

E. CONTRACT AMENDMENTS: Contract assigned from Phoenix Coal Corp. & Charolais Coal Sales, LLC effective October 1, 2009. Amendment No. 1, dated effective October 1, 2009; term extended to December 31, 2011. Yearly base quantity amended. Amendment No. 1, dated April 15, 2011. Term extended to December 31, 2012. Yearly base quantity amended.

F. ANNUAL TONNAGE REQUIREMENTS:

2007	591,172 tons
2008	464,372 tons
2009	791,336 tons
2010	642,576 tons
2011	673,197 tons
2012	250,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2007	361,950 tons	229,223 tons
2008	384,389 tons	79,983 tons
2009	598,474 tons	192,863 tons
2010	367,542 tons	275,035 tons
2011	300,984 tons	249,041 tons
2012	351,790 tons	13,801 tons
2013	4,787 tons	0 tons
(through 1/31/13)		

H. PERCENT OF ANNUAL REQUIREMENTS:

2007	100%
2008	100%

2009	100%
2010	100%
2011	82%
2012	146%
2013	carryover tonnage

I. BASE PRICE (FOB Barge):	2007	\$32.20 per ton
	2008	\$32.75 per ton
	2009	\$34.10 per ton
	2010	\$36.10 per ton

J. ESCALATIONS TO DATE:	None
-------------------------	------

K. CURRENT CONTRACT PRICE:	\$36.10 per ton
----------------------------	-----------------

- A. NAME/ADDRESS: Oxford Mining Company – Kentucky, LLC /  
J12003  
544 Chestnut Street  
Coshocton, Ohio 43812
- B. PRODUCTION FACILITY:  
OPERATOR Oxford Mining Company – Kentucky, LLC  
MINE Briar Hill, Rose France and KO Mines  
LOCATION Muhlenberg County, Kentucky
- C. CONTRACT EXECUTED DATE: September 12, 2011
- D. CONTRACT DURATION: January 1, 2012 – December 31, 2013
- E. CONTRACT AMENDMENTS: None
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |              |  |
|------|--------------|--|
| 2012 | 400,000 tons |  |
| 2013 | 600,000 tons |  |
- G. ACTUAL TONNAGE RECEIVED:
- |      | <u>KU</u>         | <u>LGE</u>   |
|------|-------------------|--------------|
| 2012 | 247,987 tons      | 145,064 tons |
| 2013 | 132,315 tons      | 49,768 tons  |
|      | (through 4/30/13) |              |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |     |                   |
|------|-----|-------------------|
| 2012 | 98% |                   |
| 2013 | 30% | (through 4/30/13) |
- I. BASE PRICE (FOB Barge):
- |      |                 |
|------|-----------------|
| 2012 | \$46.50 per ton |
| 2013 | \$47.50 per ton |
- J. ESCALATIONS TO DATE: \$2.65 per ton
- K. CURRENT CONTRACT PRICE: \$50.15 per ton

- A. NAME/ADDRESS: Patriot Coal Sales, LLC / K11001  
12312 Olive Boulevard, Suite 400  
St. Louis, Missouri 63141
- B. PRODUCTION FACILITY:  
OPERATOR Dodge Hill Mining Company, LLC  
MINE Dodge Hill  
LOCATION Union County, Kentucky
- C. CONTRACT EXECUTED DATE: September 17, 2010
- D. CONTRACT DURATION: January 1, 2011 - December 31, 2013
- E. CONTRACT AMENDMENTS: Amendment No. 1, effective January 1, 2013. Add  
for 2013 – 120,000 tons at Delivered Price of  
\$59.60 per ton.
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |              |  |
|------|--------------|--|
| 2011 | 220,000 tons |  |
| 2012 | 120,000 tons |  |
| 2013 | 120,000 tons |  |
- G. ACTUAL TONNAGE RECEIVED:
- |      | <u>KU</u>         | <u>LG&amp;E</u> |
|------|-------------------|-----------------|
| 2011 | 196,176 tons      | 0 tons          |
| 2012 | 125,963 tons      | 13,898 tons     |
| 2013 | 36,662 tons       | 0 tons          |
|      | (through 4/30/13) |                 |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |      |                   |
|------|------|-------------------|
| 2011 | 89%  |                   |
| 2012 | 117% |                   |
| 2013 | 31%  | (through 4/30/13) |
- I. BASE PRICE (FOB Plant):
- |      |                 |
|------|-----------------|
| 2011 | \$63.32 per ton |
| 2012 | \$63.32 per ton |
| 2013 | \$59.60 per ton |
- J. ESCALATIONS TO DATE: \$0.64 per ton
- K. CURRENT CONTRACT PRICE: \$60.24 per ton

- A. NAME/ADDRESS: Patriot Coal Sales, LLC / J12001  
12312 Olive Boulevard, Suite 400  
St. Louis, Missouri 63141
- B. PRODUCTION FACILITY:  
OPERATOR Patriot Coal, Ohio County Coal and Highland  
Mining Company, LLC  
MINE Patriot, Freedom and Highland Mines  
LOCATION Henderson and Union Counties, Kentucky
- C. CONTRACT EXECUTED DATE: April 29, 2011
- D. CONTRACT DURATION: January 1, 2012 - December 31, 2013
- E. CONTRACT AMENDMENTS: None
- F. ANNUAL TONNAGE REQUIREMENTS:  
2012 1,250,000 tons  
2013 1,250,000 tons
- G. ACTUAL TONNAGE RECEIVED:
- |      | <u>LG&amp;E</u>                  | <u>KU</u>      |
|------|----------------------------------|----------------|
| 2012 | 165,672 tons                     | 1,046,959 tons |
| 2013 | 46,530 tons<br>(through 4/30/13) | 262,159 tons   |
- H. PERCENT OF ANNUAL REQUIREMENTS:  
2012 97%  
2013 25% (through 4/30/2013)
- I. BASE PRICE (FOB Barge):
- |      |                 |           |
|------|-----------------|-----------|
| 2012 | \$46.25 per ton | Quality 1 |
| 2012 | \$49.50 per ton | Quality 2 |
| 2013 | \$46.25 per ton | Quality 1 |
| 2013 | \$49.50 per ton | Quality 2 |
- J. ESCALATIONS TO DATE: None
- K. CURRENT CONTRACT PRICE: \$46.25 per ton Quality 1  
\$49.50 per ton Quality 2

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

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

C. CONTRACT EXECUTED DATE: February 1, 2013

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

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE REQUIREMENTS:

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

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&amp;E</u>	<u>KU</u>
2013	0 tons	70,062 tons
	(through 4/30/13)	

H. PERCENT OF ANNUAL REQUIREMENTS:

2013	23%	(through 4/30/2013)
------	-----	---------------------

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: \$41.90 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: None
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |                |
|------|----------------|
| 2012 | 1,500,000 tons |
| 2013 | 1,500,000 tons |
| 2014 | 1,500,000 tons |
- G. ACTUAL TONNAGE RECEIVED:
- |      | <u>KU</u>         | <u>LGE</u>   |
|------|-------------------|--------------|
| 2012 | 995,669 tons      | 510,080 tons |
| 2013 | 440,265 tons      | 118,889 tons |
|      | (through 4/30/13) |              |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |      |                   |
|------|------|-------------------|
| 2012 | 100% |                   |
| 2013 | 37%  | (through 4/30/12) |
- I. BASE PRICE:
- |      |                 |                       |
|------|-----------------|-----------------------|
| 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           |
- J. ESCALATIONS TO DATE:
- |                |                        |
|----------------|------------------------|
| \$2.67 per ton | – FOB Barge Evansville |
| \$2.97 per ton | – FOB Warrick Co.      |
| \$2.57 per ton | – FOB Railcar          |





A. NAME/ADDRESS: Rhino Energy, LLC / J08028  
3120 Wall Street, Suite 310  
Lexington, Kentucky 40513

B. PRODUCTION FACILITY:  
OPERATOR Sands Hill Coal Company  
MINE Sands Hill Mine  
LOCATION Jackson and Vinton Counties, Ohio

C. CONTRACT EXECUTED DATE: July 13, 2008

D. CONTRACT DURATION: July 1, 2008 – December 31, 2012

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE REQUIREMENTS:

2009	360,000 tons
2010	360,000 tons
2011	360,000 tons
2012	360,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&amp;E</u>	<u>KU</u>
2008	31,033 tons	53,552 tons
2009	148,063 tons	218,005 tons
2010	118,375 tons	225,346 tons
2011	3,308 tons	363,798 tons
2012	144,462 tons	221,616 tons
2013	1,660 tons	0 tons

H. PERCENT OF ANNUAL REQUIREMENTS:

2009	102%
2010	95%
2011	102%
2012	102%
2013	carryover tonnage

I. BASE PRICE (FOB Barge):

2008	\$49.25 per ton
2009	\$49.25 per ton
2010	\$50.25 per ton
2011	\$51.85 per ton
2012	\$53.40 per ton

J. ESCALATIONS TO DATE: -\$1.32 per ton

K. CURRENT CONTRACT PRICE: \$52.08 per ton

- A. NAME/ADDRESS: Solar Sources, Inc. / J12010  
6755 South Gray Road  
Indianapolis, Indiana 46237
- B. PRODUCTION FACILITY:  
OPERATOR Solar Sources, Inc.  
MINE Shamrock, Cannelburg, Charger & Antioch  
LOCATION Dubois, Pike and Daviess Counties, Indiana
- C. CONTRACT EXECUTED DATE: December 19, 2011
- D. CONTRACT DURATION: January 1, 2012 – December 31, 2013
- E. CONTRACT AMENDMENTS: Amendment No. 1, effective May 1, 2013. Add for 2013 – 20,000 tons of low sulfur coal. Add \$2.00 per ton to contract price for lower sulfur coal.
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |              |  |
|------|--------------|--|
| 2012 | 300,000 tons |  |
| 2013 | 420,000 tons |  |
- G. ACTUAL TONNAGE RECEIVED
- |      | <u>KU</u>         | <u>LGE</u> |
|------|-------------------|------------|
| 2012 | 304,664 tons      | 0 tons     |
| 2013 | 133,205 tons      | 0 tons     |
|      | (through 4/30/13) |            |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |      |                   |
|------|------|-------------------|
| 2012 | 102% |                   |
| 2013 | 32%  | (through 4/30/13) |
- I. BASE PRICE (FOB Barge):
- |      |                 |
|------|-----------------|
| 2012 | \$49.00 per ton |
| 2013 | \$50.11 per ton |
- J. ESCALATIONS TO DATE: \$2.05 per ton
- K. CURRENT CONTRACT PRICE: \$52.16 per ton

A. NAME/ADDRESS: Triad Mining, Inc. / J12009  
1524 Frederica Street  
Owensboro, Kentucky 42301

B. PRODUCTION FACILITY:  
OPERATOR: Triad Mining, Inc.  
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: None

F. ANNUAL TONNAGE REQUIREMENTS:

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

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2012	689,960 tons	0 tons
2013	210,843 tons	0 tons
	(through 4/30/13)	

H. PERCENT OF ANNUAL REQUIREMENTS:

2012	99%	
2013	30%	(through 4/30/13)

I. BASE PRICE: (FOB Railcar)

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

J. ESCALATIONS TO DATE: -\$0.09 per ton

K. CURRENT CONTRACT PRICE: \$47.41 per ton

- A. NAME/ADDRESS: Western Kentucky Minerals, Inc. / J10001  
P.O. Box 155  
Philpot, Kentucky 42366
- B. PRODUCTION FACILITY:  
OPERATOR: Western Kentucky Minerals, Inc.  
MINES: Joe's Run and Sun Energy Mines  
LOCATION: Daviess County, Kentucky and Pike County, Indiana
- C. CONTRACT EXECUTED DATE: December 8, 2009
- D. CONTRACT DURATION: April 1, 2010 - December 31, 2012
- E. CONTRACT AMENDMENTS: None
- F. ANNUAL TONNAGE REQUIREMENTS:
- |      |              |
|------|--------------|
| 2010 | 253,300 tons |
| 2011 | 403,300 tons |
| 2012 | 403,300 tons |
- G. ACTUAL TONNAGE RECEIVED:
- |                   | <u>KU</u>    | <u>LGE</u>   |
|-------------------|--------------|--------------|
| 2010              | 141,289 tons | 98,507 tons  |
| 2011              | 282,894 tons | 116,528 tons |
| 2012              | 204,448 tons | 201,179 tons |
| 2013              | 0 tons       | 15,888 tons  |
| (through 2/28/13) |              |              |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- |      |                   |
|------|-------------------|
| 2010 | 95%               |
| 2011 | 99%               |
| 2012 | 101%              |
| 2013 | carryover tonnage |
- I. BASE PRICE: (FOB Barge)
- |      |                 |
|------|-----------------|
| 2010 | \$48.35 per ton |
| 2011 | \$48.35 per ton |
| 2012 | \$48.35 per ton |
- J. ESCALATIONS TO DATE: \$21.201 per ton
- K. CURRENT CONTRACT PRICE: \$69.551 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: None
- F. ANNUAL TONNAGE REQUIREMENTS:  
2013 90,000 tons  
2014 150,000 tons
- G. ACTUAL TONNAGE: KU  
RECEIVED: 2013 32,951 tons  
(through 4/30/13)
- H. PERCENT OF ANNUAL REQUIREMENTS:  
2013 37% (through 4/30/13)
- I. BASE PRICE: (FOB Delivered) 2013 \$53.19 per ton  
2014 \$55.45 per ton
- J. ESCALATIONS TO DATE: \$0.13 per ton
- K. CURRENT CONTRACT PRICE: \$53.32 per ton

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 9**

**Witness: Mike Dotson**

- Q-9. a. State whether KU regularly compares the price of its coal purchases to those paid by other electric utilities.
- b. If yes, state:
- (1) How KU's prices compare with those of other utilities for the review period. Include all prices used in the comparison in cents per MMBtu.
  - (2) The utilities that are included in this comparison and their locations.

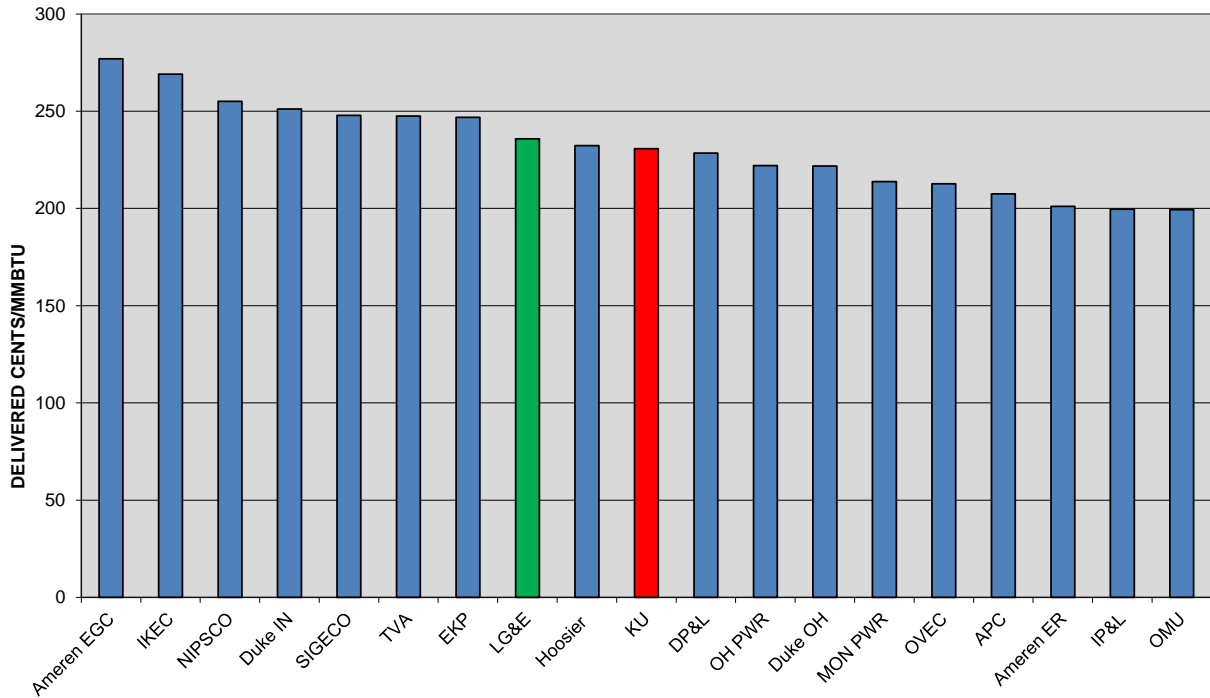
- A-9. a. Yes
- b. KU compares pricing of its coal purchases with neighboring utilities from data that is compiled by Energy Velocity database. The utilities included in the comparison are shown on the list found on page 1 of the Attachment to this response. The chart found on page 2 of the Attachment 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 starting January 1, 2012. 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 Brown Station for low sulfur coal prior to January 1, 2012, and 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.

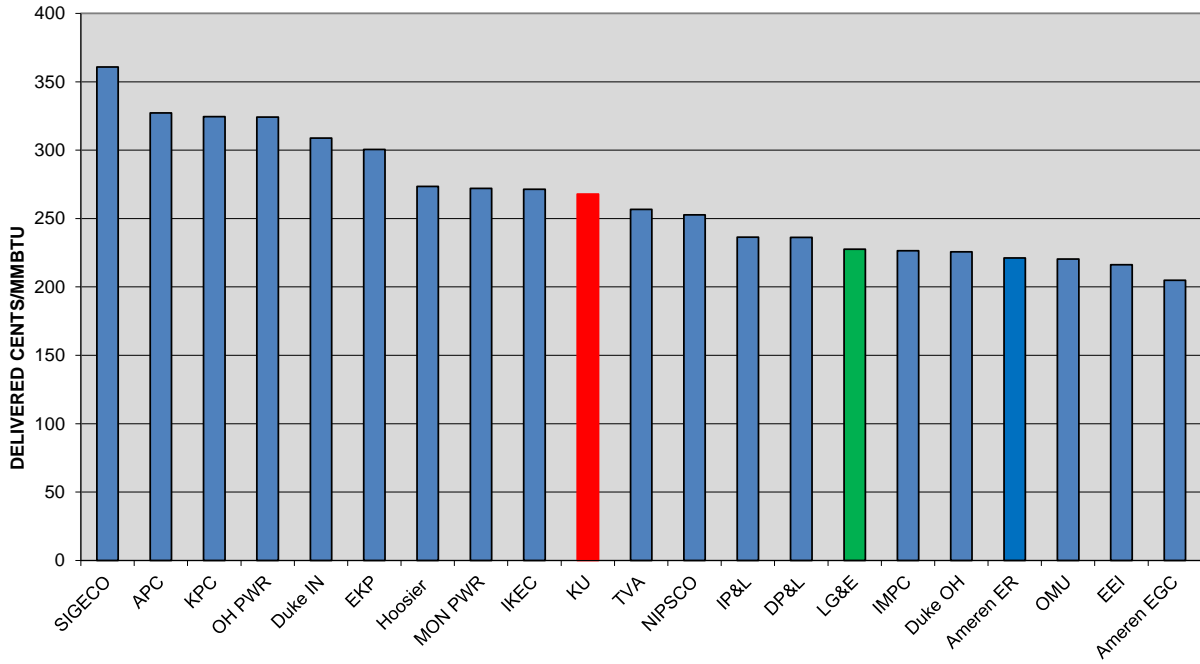
<b>Utilities in Comparison List</b>		
<b>UTILITY</b>	<b>ABBREVIATED</b>	<b>PLANT LOCATIONS</b>
AmerenEnergy Generating Co	Ameren ER	Illinois
AmerenEnergy Resources Generating Co	Ameren EGC	Illinois
Appalachian Power Co	APC	Virginia, West Virginia
Dayton Power & Light Co (The)	DP&L	Ohio
Duke Energy Indiana	Duke IN	Indiana
Duke Energy Ohio	Duke OH	Ohio
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 Power Co	OH PWR	Ohio, West Virginia
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



Price Comparison  
≥ 5.0 Lbs SO<sub>2</sub> Content (Jun 12 - May 13)



Price Comparison  
< 5.0 Lbs SO<sub>2</sub> Content Jun 12 - May13)



**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 10**

**Witness: Mike Dotson**

Q-10. State the percentage of KU's coal, as of the date of this Order, that is delivered by:

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

- A-10. a. Rail – 14%
- b. Truck – 5%
  - c. Barge – 81%

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 11**

**Witness: Mike Dotson**

- Q-11. a. State KU's coal inventory level in tons and in number of days' supply as of April 30, 2013. Provide this information by generating station and in the aggregate.
- b. Describe the criteria used to determine number of days' supply.
- c. Compare KU's coal inventory as of April 30, 2013 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 excessive inventory.
- e. (1) State whether KU expects any significant changes in its current coal inventory target within the next 12 months.
- (2) If yes, state the expected change and the reasons for this change.

A-11. a. As of April 30, 2013:

EW Brown	149,527 Tons; 23 Days	Target 23-48 Days
Ghent	714,347 Tons; 34 Days	Target 21-39 Days
Green River	101,742 Tons; 48 Days	Target 37-69 Days
Tyrone	0 Tons; 0 Days	Target 6-29 Days
Trimble County*	341,806 Tons; 47 Days	Target 22-45 Days
Total	1,307,422 Tons; 36 Days	Target 22-44 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 plant's "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. Tyrone Station was retired on February 1, 2013. Any remaining coal on-site was transferred to E. W. Brown Station; the transfer was completed on April 19, 2013.
- e. (1) KU does not expect significant changes in its current coal inventory target levels; 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 Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 12**

**Witness: Mike Dotson**

Q-12. a. State whether KU has audited any of its coal contracts during the period from November 1, 2012 through April 30, 2013.

b. If 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-12. 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 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.

Coal mine safety regulations were imposed by the Federal Mine Safety and Health Administration. The U. S. Congress passed the Mine Improvement and New Emergency Response Act of 2006 (MINER Act), which became law on June 15, 2006. For claims received, KU has hired Weir International, Inc. (a consultant with experience in the mining industry) to review the requests. No claims were completed during the review period.

b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 13**

**Witness: Robert M. Conroy**

- Q-13. a. State whether KU has received any customer complaints regarding its FAC during the period from November 1, 2012 through April 30, 2013.
- b. If yes, for each complaint, state:
- (1) The nature of the complaint; and
  - (2) KU's response.
- A-13. a. No.
- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 14**

**Witness: Mike Dotson**

- Q-14. a. State whether KU is currently involved in any litigation with its current or former coal suppliers.
- b. If 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-14. a. KU is not involved in any litigation with its coal suppliers.
- b. Not applicable.
- c. Not applicable.



**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 15**

**Witness: Mike Dotson**

- Q-15. a. During the period from November 1, 2012 through April 30, 2013, have there been any changes to KU's written policies and procedures regarding its fuel procurement?
- b. If yes:
- (1) Describe the changes;
  - (2) Provide the written policies and procedures as changed;
  - (3) State the date(s) the changes were made; and
  - (4) Explain why the changes were made.
- c. If no, provide the date 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-15. a. The Fuel Procurement Policies and Procedures were updated effective March 1, 2013.
- b. (1) The Procurement Policies and Procedures were updated to reflect changes in the titles of Senior Managers, to add an Authority Limit Matrix, to remove the Statement of Trading, and to add Sarbanes-Oxley definitions.
- (2) A copy of the updated Fuel Policies and Procedures effective March 1, 2013 was provided to the Commission in Case No. 2012-00552.
- (3) Changes were made to the Fuel Procurement Policies and Procedures effective March 1, 2013.
- (4) See b (1) above.
- c. Not applicable

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 16**

**Witness: Mike Dotson**

- Q-16. 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 November 1, 2012 through April 30, 2013.
- b. If 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-16. a. No.
- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 17**

**Witness: Mike Dotson**

Q-17. 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 November 1, 2012 through April 30, 2013.

A-17. Changes that occurred in the Fuels Department are as follows:

Effective February 22, 2013, Justin Thompson left the Fuels Department as Mining Engineer for a position outside the Company.

Effective May 13, 2013, Tim Smith joined the Fuels Department as Manager Fuels Technical Services.

Effective May 13, 2013, Tom Axtell, Lead Engineer moved from being a direct report to Delbert Billiter, Manager Fuels Risk Management to being a direct report to Tim Smith, Manager Fuels Technical Services.

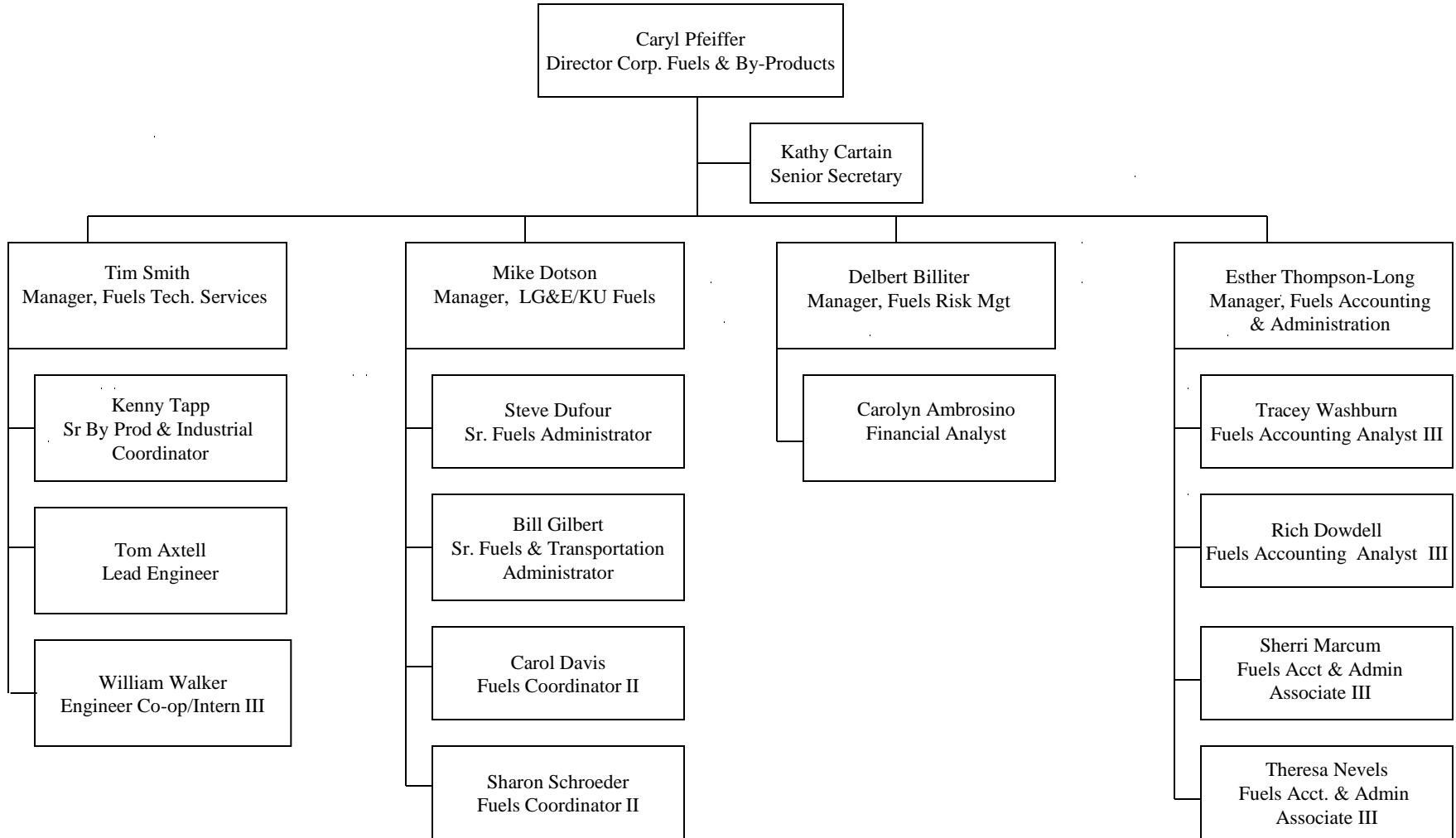
Effective May 13, 2013, Kenny Tapp, Senior By Products and Industrial Coordinator moved from being a direct report to Caryl Pfeiffer, Director Corporate Fuels and By-Products to being a direct report to Tim Smith, Manager Fuels Technical Services.

Effective May 6, 2013 – August 16, 2013, William Walker was employed as an Engineer Co-op/Intern III reporting to Tim Smith, Manager Fuels Technical Services.

See attached Department Organization Chart August 2013.

# Corporate Fuels and By-Products

## August, 2013



**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 18**

**Witness: Eileen Saunders**

- Q-18. a. Identify all changes that KU has made during the period under review to its maintenance and operation practices that also affect fuel usage at KU's generation facilities.
- b. Describe the impact of these changes on KU's fuel usage.
- A-18. a. None.
- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 19**

**Witness: Mike Dotson**

Q-19. List each written coal supply solicitation issued during the period from November 1, 2012 through April 30, 2013.

- a. For each solicitation, provide the date of the solicitation, the type of 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 ranked the proposals. (This document should 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-19. a. The final selection of the vendors who responded to the solicitation dated September 24, 2012 was not complete at the time the data responses were filed in Case No. 2012-00553. The requested information for the selected vendors mentioned above is provided below.

Date: September 24, 2012  
Contract/Spot: Contract or Spot  
Quantities: No minimum or maximum specified  
Quality: Suitable for LG&E and KU power plants  
Period: Up to 10 years  
Generating Units: All LG&E and KU power plants

- b. Number of vendors receiving bids: 138  
Number of vendors responded: 20 companies / 29 offers

Selected vendor(s): PRB and High sulfur coal for barge served plants: The vendor selected was based upon the lowest evaluated delivered cost.

Arch Coal Sales Company, Inc. – J13003 (PRB)

Armstrong Coal Company – J14004

Coeclerici Coal Network, LLC – J13006

Cumberland Elkhorn Coal & Coke – J13007

Patriot Coal Sales Company – J13004

Rhino Energy, LLC – J14001

The American Coal Company – J14002

White Oak Resources, LLC – J14003

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: March 12, 2013
- Contract/Spot: Contract or Spot
- Quantities: No minimum or maximum specified
- Quality: Suitable for LG&E and KU power plants
- Period: Up to 10 years
- Generating Units: All LG&E and KU power plants

- b. Number of vendors receiving bids: 139
- Number of vendors responded: 24 companies / 44 offers
- Selected vendor(s): The final selection of the vendor(s) from the bids has not been made; however, negotiations are still in progress. The name of the selected vendors and supporting bid tabulation will be provided to the Commission after the negotiations are completed and the agreements signed.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
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**Case No. 2013-00263**

**Question No. 20**

**Witness: Mike Dotson**

- Q-20. List each oral coal supply solicitation issued during the period from November 1, 2012 through April 30, 2013.
- 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 tabulation sheet or other document that ranks the proposals. (This document should 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-20. KU did not issue any oral coal supply solicitations.
- a. Not applicable.
  - b. Not applicable.



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**Case No. 2013-00263**

**Question No. 21**

**Witness: Robert M. Conroy**

- Q-21. a. List all intersystem sales during the period under review 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 that line loss factor was determined.
- A-21. a. There were no inter-system sales from November 1, 2012 through April 30, 2013 which required a third party's transmission system.
- b. Not applicable.

**KENTUCKY UTILITIES COMPANY**

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Commission's Order Dated August 8, 2013**

**Case No. 2013-00263**

**Question No. 22**

**Witness: Robert M. Conroy**

- Q-22. Describe each change that KU made to its methodology for calculating intersystem sales line losses during the period under review.
- A-22. There have been no changes regarding the calculation of losses associated with intersystem sales. Consistent with the Commission's June 7 Amended Order in Case No. 2012-00552<sup>2</sup>, KU began using an incremental loss factor of 0.5% to determine the cost of fuel associated with line losses incurred to make intersystem sales effective with the July 2013 billing cycle.

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<sup>2</sup> An Examination of the Application of the Fuel Adjustment Clause of Kentucky Utilities Company From November 1, 2010 through October 31, 2012, Amended Order at 2.

**KENTUCKY UTILITIES COMPANY**

**Response to Information Requested in Appendix of  
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**Case No. 2013-00263**

**Question No. 23**

**Witness: Mike Dotson**

Q-23. State whether, during the period under review, KU has solicited bids for coal with the restriction that it was not mined through strip mining or mountain top removal. If 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-23. KU has not solicited bids with this restriction.

**KENTUCKY UTILITIES COMPANY**

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**Case No. 2013-00263**

**Question No. 24**

**Witness: Eileen Saunders**

Q-24. Provide a detailed discussion of any specific generation efficiency improvements KU has undertaken during the period under review.

A-24. KU strives to maintain unit efficiency through routine cyclic planned outage maintenance. This maintenance work continues to focus on reestablishing turbine efficiency degraded since the previous outage. Additionally, KU maintains unit efficiency through continuous monitoring of all plant systems during operation. KU contracts Black and Veatch to provide this monitoring on larger units to identify trends which indicate a potential efficiency loss of any system component. Black and Veatch sends notification to the generating stations which track the potential issue through resolution.

In evaluating potential major component projects or replacements that may impact efficiency, KU must balance any potential efficiency benefit associated with the project against both costs and potential implications under the Clean Air Act. KU has not realized any efficiency improvements through major component projects during this period.

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**Response to Information Requested in Appendix of  
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**Case No. 2013-00263**

**Question No. 25**

**Witness: Mike Dotson**

- Q-25. Explain whether closures of coal mines due to decreased demand for coal could potentially lead to coal shortages that could affect reliability. Include in the explanation whether evidence of such a potential shortage exists today.
- A-25. The majority of the coal mines closed have been in the Central Appalachian Region primarily due to oversupply and reduced demand. At this time the Companies have not seen a significant impact to the mines supplying KU and LG&E. The majority of the coal used is supplied from the Illinois Basin and there has been an increase in supply from this region. As overall coal demand returns, shortages due to the mine closures could become evident. KU will continue to monitor the markets and position itself to minimize any impacts to the Company's coal supply.