

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

In the Matter of:

AN EXAMINATION OF THE APPLICATION)	
OF THE FUEL ADJUSTMENT CLAUSE OF)	CASE NO.
KENTUCKY UTILITIES COMPANY FROM)	2015-00234
NOVEMBER 1, 2014 THROUGH APRIL 30, 2015)	

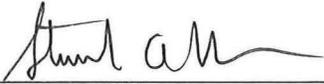
**RESPONSE OF
KENTUCKY UTILITIES COMPANY
TO
INFORMATION REQUESTED IN
APPENDIX OF COMMISSION'S ORDER
DATED AUGUST 14, 2015**

FILED: AUGUST 28, 2015

VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The undersigned, **Stuart A. Wilson**, being duly sworn, deposes and says that he is Manager — Generation Planning 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.



Stuart A. Wilson

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 28th day of August 2015.

 (SEAL)

Notary Public

My Commission Expires:

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

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 1

Witness: Mike Dotson

- Q-1. For the period from November 1, 2014, through April 30, 2015, 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 Question No. 1
Page 1 of 1
Dotson

PURCHASE VENDOR	PURCHASE TONNAGE	TYPE
Alliance Coal LLC - J09002	388,236.02	Contract
Alliance Coal LLC - J12007	23,661.95	Contract
Alliance Coal LLC - J13004B	47,568.60	Contract
Alliance Coal LLC - J14011B	178,957.10	Contract
Alliance Coal LLC - J14042	106,953.60	Spot
Alpha Coal Sales Company LLC - K14033	20,674.43	Spot
Arch Coal Sales Company Inc. - J14005	12,566.90	Spot
Arch Coal Sales Company Inc. - J14018	10,960.40	Spot
Arch Coal Sales Company Inc. - J14038	302,913.46	Contract
Arch Coal Sales Company Inc. - J15003	39,150.99	Spot
Armstrong Coal Company - J07032	195,406.00	Contract
Armstrong Coal Company - J12004	199,692.90	Contract
Armstrong Coal Company - J14004	264,044.00	Contract
Armstrong Coal Company - J14010	20,924.00	Contract
Armstrong Coal Company - J14040	160,540.38	Spot
Armstrong Coal Company - K14013	20,981.11	Spot
Bowie Refined Coal LLC - K14037	33,153.33	Contract
COALSALES LLC - J12011	596,524.40	Contract
COALSALES LLC - J14044	64,519.00	Spot
Foresight Coal Sales LLC - J12005	236,499.46	Contract
Kolmar Americas Inc - K14049	13,636.09	Spot
Patriot Coal Corporation - J13004	204,251.50	Contract
Patriot Coal Corporation - J14011	106,390.00	Contract
Patriot Coal Corporation - J15021	4,665.80	Spot
Patriot Coal Corporation - K14012	16,394.01	Spot
Rhino Energy LLC - J14001	194,694.20	Contract
River Trading Company - J15004	14,376.76	Spot
The American Coal Company - J14002	33,878.10	Spot
Thoroughfare Mining LLC - J15022	17,068.54	Spot
Triad Mining LLC - J12009B	227,364.95	Contract
Western Kentucky Minerals Inc. - K14041	37,333.11	Spot
White Oak Resources LLC - J14003 - C - Highlands - Crouns	147,689.10	Contract
	<u>3,941,670</u>	
	3,367,971	85% Contract
	573,699	15% Spot
	<u>3,941,670</u>	

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 2

Witness: Robert M. Conroy

Q-2. For the period from November 1, 2014, through April 30, 2015, 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. Natural gas purchases (other than purchases made pursuant to the Special Contract referenced below) are purchased solely on an 'as-needed, spot market basis. LG&E/KU (jointly) has executed Master Agreements with various natural gas suppliers that provide a contractual framework for potential spot purchase transactions. These Master Agreements include no specific price, volume, delivery period or location information and therefore do not form a purchase transaction. As such, these Master Agreements have not been filed with the Commission. These Master Agreements enable spot purchases to occur as needed.

Purchases from Louisville Gas and Electric Company are primarily for LG&E-owned coal and gas fired generation and are made in accordance with a Special Contract under 807 KAR 5:011 Section 13.¹ Additionally, purchases from Columbia Gas are for KU-owned generation served by the local distribution company.

¹ The Special Contract for Firm Gas Sales and Firm Transportation Service dated April 9, 2014 and effective September 1, 2014, 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 filed with the Kentucky Public Service Commission on June 12, 2014.

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

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

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

LGE / KU Natural Gas Purchases 11/1/2014 - 4/30/2015

<u>Purchase Vendor</u>	<u>MMBTU</u>	<u>Type</u>
Anadarko Trading	10,200	Spot
Atmos Energy	62,300	Spot
BP Energy	2,521,355	Spot
CIMA Energy	156,800	Spot
Columbia Gas of KY	51,620	Spot*
Colonial Energy	603,471	Spot
Conoco-Phillips	8,800	Spot
Direct Energy Business Market	134,600	Spot
DTE Energy	1,666,442	Spot
EDF Trading	71,300	Spot
Enbridge	9,400	Spot
JPMorgan Ventures	584,928	Spot
Laclede Energy	523,041	Spot
MacquarieCook Energy	1,166,800	Spot
NET	20,000	Spot
NJR Energy Services	1,470,978	Spot
Range Resources	50,500	Spot
Sequent Energy	2,684,235	Spot
Shell Energy NA	863,700	Spot
Southwestern Energy Srvcs	259,600	Spot
Tenaska Market Ventures	2,639,934	Spot
TVA	13,500	Spot
Twin Eagle Energy Resources	326,403	Spot
United Energy	30,400	Spot
Vitol Inc.	875,300	Spot
Tennessee Gas Pipeline	1,414	Imbalance Cashout
Louisville Gas and Electric	<u>252,291</u>	Special Contract*
Total Volume	<u>17,059,312</u>	

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

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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 for the minimum projected requirement:

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

KU does not engage in hedging activities for natural gas purchases. However, with the commercial operation of Cane Run 7, a natural gas combined-cycle unit, the Companies' are developing a fuel procurement strategy that will balance the interplay of fuel procurement between coal and natural gas. Natural gas purchases may in the future include hedging activities.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 4

Witness: Stuart A. Wilson / 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, 2014, through April 30, 2015, 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, 2014 to April 30, 2015 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	573,468	473,537	1,149,456	38.4%
Ghent	2,826,394	2,912,902	5,885,439	70.2%
Green River	261,033	252,317	516,689	70.4%
Trimble County HS	N/A	1,602,987	N/A	N/A
Trimble County PRB	N/A	302,913	N/A	N/A
Trimble County 2	1,105,361	N/A	2,556,845	77.4%

Notes: 1 – Trimble County values reflect 100% of the unit. Trimble County 2 is owned by KU (60.75%), LG&E (14.25%), IMPA (12.88%), and IMEA (12.12%).
2 – The North American Electric Reliability Council Generation Availability Data System defines capacity factor as the value equal to the net MWh produced divided by the product of the hours in the period and the unit rating.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 5

Witness: Stuart A. Wilson

Q-5. List all firm power commitments for KU from November 1, 2014, through April 30, 2015, 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 2014)	~ 135	~ 41	Baseload
OVEC (Dec 2014)	~ 155	~ 48	Baseload
OVEC (Jan 2015)	~ 158	~ 49	Baseload
OVEC (Feb 2015)	~ 154	~ 47	Baseload
OVEC (Mar 2015)	~ 126	~ 39	Baseload
OVEC (Apr 2015)	~ 110	~ 34	Baseload

b. Firm Sales

None.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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, 2014, through April 30, 2015.

A-6. See attached.



Month Ended: November-30-2014

Kentucky Utilities Company

Power Transaction Schedule

COMPANY	Type of Transaction	KWH	Billing Components			Total Charges(\$)	
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)		
SALES							
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	20,000	\$ 724.94	\$ 245.85	\$ 970.79	
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy	5,000	\$ 133.83	\$ 45.39	\$ 179.22	
CARGILL- ALLIANT, LLC	CARG	Economy	25,000	\$ 891.95	\$ 302.50	\$ 1,194.45	
ETC ENDURE	ETC	Economy	3,000	\$ 123.84	\$ 42.00	\$ 165.84	
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	70,000	\$ 692.85	\$ 234.97	\$ 927.82	
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	214,000	\$ 5,735.21	\$ 1,945.06	\$ 7,680.27	
JP Morgan Ventures Energy Corporation	JPMORG	Economy	23,000	\$ 896.90	\$ 304.18	\$ 1,201.08	
ENERGY IMBALANCE	IMBL	Economy	67,000	\$ 2,457.46	\$ 833.43	\$ 3,290.89	
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	352,000	\$ 10,943.69	\$ 3,711.49	\$ 14,655.18	
OHIO VALLEY ELECTRIC CORPORATION	OVEC	Economy	1,000	\$ 55.13	\$ 42.73	\$ 97.86	
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	384,000	\$ 12,679.92	\$ 4,300.32	\$ 16,980.24	
THE ENERGY AUTHORITY	TEA	Economy	103,000	\$ 4,044.49	\$ 1,371.66	\$ 5,416.15	
TENASKA POWER SERVICES CO.	TPS	Economy	39,000	\$ 1,220.42	\$ 413.90	\$ 1,634.32	
WESTAR ENERGY, INC.	WSTR	Economy	5,000	\$ 152.79	\$ 51.82	\$ 204.61	
LOUISVILLE GAS & ELECTRIC	LGE	Economy	16,704,000	\$ 584,924.52	\$ 11,257.89	\$ 596,182.41	
TOTAL SALES			18,015,000	\$ -	\$ 625,677.94	\$ 25,103.19	\$ 650,781.13

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



Kentucky Utilities Company

Power Transaction Schedule

Month Ended: December-31-2014

<u>Company</u>	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
<u>Sales</u>						
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy		\$ 374.52	\$ 156.93	\$ 531.45
CARGILL- ALLIANT, LLC	CARG	Economy		\$ 2,351.49	\$ 985.30	\$ 3,336.79
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy		\$ 1,604.73	\$ 672.40	\$ 2,277.13
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ 2,960.05	\$ 1,240.28	\$ 4,200.33
ENERGY IMBALANCE	IMBL	Economy		\$ 5,366.10	\$ 2,248.44	\$ 7,614.54
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, I	MISO	Economy		\$ 9,220.61	\$ 3,863.50	\$ 13,084.11
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 19,226.92	\$ 8,056.23	\$ 27,283.15
TENASKA POWER SERVICES CO.	TPS	Economy		\$ 405.23	\$ 169.80	\$ 575.03
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 3,966.24	\$ 1,661.89	\$ 5,628.13
WESTAR ENERGY, INC.	WSTR	Economy		\$ 432.91	\$ 181.39	\$ 614.30
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 157,131.37	\$ 4,601.52	\$ 161,732.89
<u>Total Sales</u>			\$ -	\$ 203,040.17	\$ 23,837.68	\$ 226,877.85

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



Month Ended: January-31-2015

Kentucky Utilities Company

Power Transaction Schedule

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
Sales						
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy		\$ 28.55	\$ 31.14	\$ 59.69
CARGILL- ALLIANT, LLC	CARG	Economy		\$ 150.80	\$ 164.46	\$ 315.26
ETC ENDURE	ETC	Economy		\$ 26.41	\$ 28.80	\$ 55.21
ENERGY IMBALANCE	IMBL	Economy		\$ 38.07	\$ 41.52	\$ 79.59
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ -	\$ -	\$ -
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, I	MISO	Economy		\$ 297.99	\$ 387.86	\$ 685.85
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 1,598.00	\$ 1,679.46	\$ 3,277.46
THE ENERGY AUTHORITY	TEA	Economy		\$ 832.61	\$ 908.01	\$ 1,740.62
TENASKA POWER SERVICES CO.	TPS	Economy		\$ 38.68	\$ 42.19	\$ 80.87
WESTAR ENERGY, INC.	WSTR	Economy		\$ 17.36	\$ 18.93	\$ 36.29
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 540,367.73	\$ 30,746.15	\$ 571,113.88
Total Sales				\$ 543,396.20	\$ 34,048.52	\$ 577,444.72

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



Month Ended: February-28-2015

Kentucky Utilities Company

Power Transaction Schedule

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
Sales						
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy		\$ 35.88	\$ 48.18	\$ 84.06
BROOKFIELD ENERGY MARKETING INC.	BROOK	Economy		\$ 156.40	\$ 210.06	\$ 366.46
CARGILL- ALLIANT, LLC	CARG	Economy	123,000	\$ 3,586.01	\$ 4,816.50	\$ 8,402.51
ETC ENDURE	ETC	Economy	31,000	\$ 892.82	\$ 1,199.17	\$ 2,091.99
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	149,000	\$ 64.84	\$ 87.10	\$ 151.94
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	74,000	\$ 102.88	\$ 138.18	\$ 241.06
ENERGY IMBALANCE	IMBL	Economy	17,000	\$ 304.89	\$ 409.51	\$ 714.40
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, I	MISO	Economy	648,000	\$ 17,214.08	\$ 22,807.06	\$ 40,021.14
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	1,430,000	\$ 45,656.59	\$ 60,490.71	\$ 106,147.30
THE ENERGY AUTHORITY	TEA	Economy	59,000	\$ 1,510.20	\$ 2,000.88	\$ 3,511.08
TENASKA POWER SERVICES CO.	TPS	Economy	15,000	\$ 323.85	\$ 434.98	\$ 758.83
TENNESSEE VALLEY AUTHORITY	TVA	Economy	19,000	\$ 355.87	\$ 477.98	\$ 833.85
LOUISVILLE GAS & ELECTRIC	LGE	Economy	59,638,000	\$ 1,718,068.73	\$ 100,477.32	\$ 1,818,546.05
Total Sales			62,210,000	\$ -	\$ 1,788,273.04	\$ 193,597.63
						\$ 1,981,870.67

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



Month Ended: March-31-2015

Kentucky Utilities Company

Power Transaction Schedule

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
Sales						
CARGILL- ALLIANT, LLC	CARG	Economy		\$ 327.14	\$ 115.82	\$ 442.96
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy		\$ 69.53	\$ 24.62	\$ 94.15
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy		\$ 169.90	\$ 60.16	\$ 230.06
ENERGY IMBALANCE	IMBL	Economy		\$ 160.78	\$ 56.93	\$ 217.71
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, I	MISO	Economy		\$ 4,511.25	\$ 1,556.82	\$ 6,068.07
PJM INTERCONNECTION ASSOCIATION	PJM	Economy		\$ 7,502.79	\$ 2,589.18	\$ 10,091.97
THE ENERGY AUTHORITY	TEA	Economy		\$ 212.40	\$ 75.19	\$ 287.59
TENASKA POWER SERVICES CO.	TPS	Economy		\$ 48.93	\$ 17.32	\$ 66.25
TENNESSEE VALLEY AUTHORITY	TVA	Economy		\$ 154.91	\$ 54.85	\$ 209.76
LOUISVILLE GAS & ELECTRIC	LGE	Economy		\$ 609,776.30	\$ 21,997.13	\$ 631,773.43
TOTAL SALES				\$ 622,933.93	\$ 26,548.02	\$ 649,481.95

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



Month Ended: April-30-2015

Kentucky Utilities Company

Power Transaction Schedule

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	
Sales						
CARGILL- ALLIANT, LLC	CARG	Economy	11,000	\$ 284.43	\$ 120.94	\$ 405.37
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	16,000	\$ 54.47	\$ 23.16	\$ 77.63
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	24,000	\$ 92.30	\$ 39.25	\$ 131.55
ENERGY IMBALANCE	IMBL	Economy	4,000	\$ 109.76	\$ 46.67	\$ 156.43
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, I	MISO	Economy	2,000	\$ 38.36	\$ (5.25)	\$ 33.11
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	15,000	\$ 339.05	\$ 144.16	\$ 483.21
TENNESSEE VALLEY AUTHORITY	TVA	Economy	3,000	\$ 77.84	\$ 33.10	\$ 110.94
LOUISVILLE GAS & ELECTRIC	LGE	Economy	2,765,000	\$ 82,572.83	\$ 3,613.28	\$ 86,186.11
TOTAL SALES			2,840,000	\$ -	\$ 83,569.04	\$ 4,015.31
						\$ 87,584.35

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 14, 2015**

Case No. 2015-00234

Question No. 7

Witness: Eileen Saunders

Q-7. List KU's scheduled, actual, and forced outages from November 1, 2014, through April 30, 2015.

A-7. See attached.

Kentucky Utilities Company
November 2014 through April 2015

Unit and Outage Type (F=Forced; S=Scheduled)		Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
		FROM	TO	FROM	TO	Scheduled	Actual*	
E. W. Brown Unit 1 - Coal - 106 MW	S	1/16/2015 23:10	1/17/2015 16:44	1/16/2015 23:10	1/17/2015 16:44	17:34	17:34	Scrubber expansion joints
In-service May 1957	S	2/28/2015 0:00	4/26/2015 15:00	2/28/2015 9:38	5/7/2015 17:08	1383:00	1639:30	Major turbine overhaul
E. W. Brown Unit 2 - Coal - 166 MW	S	10/18/2014 0:00	11/16/2014 15:00	10/17/2014 19:07	11/17/2014 14:10	711:00	739:03	Minor turbine overhaul
In-service June 1963	S	11/29/2014 18:04	12/11/2014 2:52	11/29/2014 18:04	12/11/2014 2:52	272:48	272:48	Hydrogen System
	F			4/17/2015 2:16	4/17/2015 9:15		6:59	Generator protection relay
	S	4/18/2015 5:56	4/18/2015 12:13	4/18/2015 5:56	4/18/2015 12:13	6:17	6:17	Switchyard system protection devices
E. W. Brown Unit 3 - Coal - 410 MW	F			11/12/2014 17:24	11/17/2014 4:41		107:17	Second reheater
In-service July 1971	S	12/13/2014 2:10	12/20/2014 4:31	12/13/2014 2:10	12/20/2014 4:31	170:21	170:21	Selective Catalytic Reduction Unit
	F			1/25/2015 21:08	1/26/2015 18:20		21:12	Main Steam Line
	F			2/6/2015 9:08	2/6/2015 19:03		9:55	Generator balance
	F			3/6/2015 1:49	3/7/2015 3:19		25:30	Main Steam Line
	S	3/28/2015 0:00	4/19/2015 15:00	3/29/2015 12:46	4/20/2015 7:19	543:00	522:33	SCR catalyst
Ghent Unit 1 - Coal - 479 MW	S	12/5/2014 23:29	12/9/2014 8:02	12/5/2014 23:29	12/9/2014 8:02	80:33	80:33	Waterwall tube leak
In-service February 1974	F			12/9/2014 23:46	12/11/2014 3:07		27:21	First reheater
	F			2/10/2015 9:28	2/11/2015 10:07		24:39	First superheater
	S	2/21/2015 0:00	5/10/2015 15:00	2/28/2015 15:25	5/6/2015 9:33	1887:00	1602:08	Major turbine overhaul
Ghent Unit 2 - Coal - 495 MW	S	11/7/2014 23:57	11/9/2014 9:32	11/7/2014 23:57	11/9/2014 9:32	33:35	33:35	First superheater
In-service April 1977	F			1/25/2015 20:38	1/26/2015 19:52		23:14	Turbine control
	S	3/14/2015 0:00	3/29/2015 15:00	3/13/2015 23:59	3/22/2015 11:00	375:00	203:01	Minor turbine overhaul
Ghent Unit 3 - Coal - 489 MW	S	11/27/2014 12:49	11/28/2014 13:15	11/27/2014 12:49	11/28/2014 13:15	24:26	24:26	Economizer
In-service May 1981	S	1/17/2015 1:08	1/20/2015 4:45	1/17/2015 1:08	1/20/2015 4:45	75:37	75:37	Air heater
	F			1/20/2015 4:45	1/20/2015 11:29		6:44	Switchyard
	F			4/18/2015 9:23	4/19/2015 20:14		34:51	Air heater

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

Kentucky Utilities Company
November 2014 through April 2015

Unit and Outage Type (F=Forced; S=Scheduled)		Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
		FROM	TO	FROM	TO	Scheduled	Actual*	
Ghent Unit 4 - Coal - 469 MW	S	10/11/2014 0:00	12/7/2014 15:00	10/10/2014 23:45	12/5/2014 1:33	1383:00	1321:48	Major turbine overhaul
In-service August 1984	F			12/7/2014 15:18	12/8/2014 9:46		18:28	Feedwater valve leak
	S	12/23/2014 10:30	12/26/2014 19:24	12/23/2014 10:30	12/26/2014 19:24	80:54	80:54	Main stop valves
	S	1/24/2015 13:21	1/25/2015 18:00	1/24/2015 13:21	1/25/2015 18:00	28:39	28:39	Condenser tube leak
	F			1/25/2015 18:00	1/27/2015 0:22		30:22	Waterwall tube leak
	F			2/4/2015 11:39	2/5/2015 12:57		25:18	Economizer
	F			3/23/2015 8:41	3/24/2015 15:30		30:49	Condenser tube leak
	S	4/24/2015 23:00	5/1/2015 3:28	4/24/2015 23:00	5/1/2015 3:28	148:28	148:28	Air heater
Green River Unit 3 - Coal - 68 MW	S	10/18/2014 0:00	11/9/2014 15:00	10/17/2014 14:53	11/5/2014 20:41	543:00	461:48	Minor boiler overhaul
In-service April 1954	F			12/6/2014 17:28	12/8/2014 3:29		34:01	Condenser tube leak
	S	12/22/2014 20:20	12/24/2014 0:00	12/22/2014 20:20	12/24/2014 0:00	27:40	27:40	Combustor
	S	3/14/2015 0:00	3/22/2015 15:00	2/6/2015 11:47	2/14/2015 2:31	207:00	182:44	Pulverizer
	F			2/24/2015 14:03	2/25/2015 6:41		16:38	Induced draft fans
	S	3/11/2015 9:47	3/11/2015 17:22	3/11/2015 9:47	3/11/2015 17:22	7:35	7:35	Induced draft fans
	S	4/11/2015 0:01	4/11/2015 16:32	4/11/2015 0:01	4/11/2015 16:32	16:31	16:31	Waterwall tube leak
Green River Unit 4 - Coal - 93 MW	F			11/16/2014 9:09	11/17/2014 11:31		26:22	Second superheater
In-service July 1959	F			11/20/2014 20:57	11/21/2014 19:59		23:02	Second superheater
	F			12/9/2014 16:03	12/11/2014 7:28		39:25	Second superheater
	F			12/25/2014 0:48	12/26/2014 10:03		33:15	Second superheater
	F			1/18/2015 12:13	1/20/2015 12:44		48:31	Waterwall tube leak
	F			1/21/2015 19:56	1/24/2015 9:58		62:02	Second superheater
	F			1/31/2015 3:27	2/1/2015 0:33		21:06	Second superheater
	F			2/8/2015 15:45	2/10/2015 0:35		32:50	Second superheater
	F			4/8/2015 14:45	4/10/2015 5:02		38:17	Second superheater
	F			4/19/2015 8:08	4/20/2015 7:31		23:23	Second superheater
	S	4/18/2015 0:00	5/3/2015 15:00	4/24/2015 18:24	5/10/2015 2:55	375:00	368:31	Minor boiler overhaul

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

Kentucky Utilities Company
November 2014 through April 2015

Unit and Outage Type (F=Forced; S=Scheduled)		Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
		FROM	TO	FROM	TO	Scheduled	Actual*	
Trimble County Unit 2 - Coal - 549 MW	F			12/6/2014 4:54	12/7/2014 16:55		36:01	High pressure heater tube leaks
In-service January 2011	F			12/7/2014 17:18	12/7/2014 23:47		6:29	Feedwater flow
75% ownership share of 732 MW jointly owned with LG&E	F			12/17/2014 13:10	12/20/2014 16:29		75:19	Superheater
	S	3/28/2015 0:00	4/19/2015 15:00	3/28/2015 3:04	4/20/2015 0:00	543:00	548:56	Boiler
	S	4/20/2015 0:00	4/20/2015 16:43	4/20/2015 0:00	4/20/2015 16:43	16:43	16:43	Igniter issues
E. W. Brown Unit 5 - Gas CT - 112 MW	S	1/29/2015 15:00	2/2/2015 1:15	1/29/2015 15:00	2/2/2015 1:15	82:15	82:15	Gas fuel system
In-service June 2001	S	2/3/2015 15:20	2/5/2015 8:40	2/3/2015 15:20	2/5/2015 8:40	41:20	41:20	Gas fuel system
Jointly owned with LG&E	S	2/5/2015 14:04	2/6/2015 11:15	2/5/2015 14:04	2/6/2015 11:15	21:11	21:11	Gas fuel system
	S	2/6/2015 18:00	2/10/2015 6:36	2/6/2015 18:00	2/10/2015 6:36	84:36	84:36	Gas fuel system
	S	2/10/2015 6:36	2/10/2015 14:21	2/10/2015 6:36	2/10/2015 14:21	7:45	7:45	Starting system
	S	2/10/2015 14:21	2/11/2015 8:06	2/10/2015 14:21	2/11/2015 8:06	17:45	17:45	Gas fuel system
	S	2/11/2015 13:32	2/12/2015 16:15	2/11/2015 13:32	2/12/2015 16:15	26:43	26:43	Gas fuel system
	S	2/21/2015 3:33	2/22/2015 21:00	2/21/2015 3:33	2/22/2015 21:00	41:27	41:27	Gas fuel system
	S	2/25/2015 16:00	2/26/2015 18:38	2/25/2015 16:00	2/26/2015 18:38	26:38	26:38	Gas fuel system
	S	3/1/2015 5:30	3/2/2015 8:53	3/1/2015 5:30	3/2/2015 8:53	27:23	27:23	Gas fuel system
	S	3/3/2015 8:18	3/3/2015 15:53	3/3/2015 8:18	3/3/2015 15:53	7:35	7:35	Gas fuel system
	S	3/3/2015 15:53	3/5/2015 3:38	3/3/2015 15:53	3/5/2015 3:38	35:45	35:45	Gas fuel system
	S	3/9/2015 6:50	3/10/2015 5:58	3/9/2015 6:50	3/10/2015 5:58	23:08	23:08	Gas fuel system
	S	4/4/2015 0:00	4/12/2015 15:00	3/13/2015 6:00	3/20/2015 10:56	207:00	172:56	Major boiler overhaul
E. W. Brown Unit 6 - Gas CT - 146 MW	S	12/9/2014 6:50	12/9/2014 13:30	12/9/2014 6:50	12/9/2014 13:30	6:40	6:40	Fuel piping and valves
In-service August 1999	F			2/26/2015 19:51	2/27/2015 8:31		12:40	Combustor
Jointly owned with LG&E	F			2/27/2015 8:48	2/27/2015 15:06		6:18	Combustor
	S	4/30/2015 5:47	4/30/2015 14:36	4/30/2015 5:47	4/30/2015 14:36	8:49	8:49	Exhaust system

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

Kentucky Utilities Company
November 2014 through April 2015

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
E. W. Brown Unit 7 - Gas CT - 146 MW	F		1/5/2015 17:23	1/6/2015 6:48		13:25	Gas fuel system	
In-service August 1999	S	1/16/2015 6:35	1/16/2015 6:35	1/16/2015 12:56	6:21	6:21	Fuel piping and valves	
Jointly owned with LG&E								
E. W. Brown Unit 8 - Gas CT - 102 MW	S	10/25/2014 0:00	11/2/2014 15:00	10/27/2014 4:30	11/1/2014 11:17	207:00	126:47	Diesel generator installation
In-service February 1995	S	1/21/2015 8:00	1/21/2015 14:25	1/21/2015 8:00	1/21/2015 14:25	6:25	6:25	Diesel generator installation
	F		2/20/2015 13:50	2/22/2015 10:52		45:02	Breaker	
E. W. Brown Unit 9 - Gas CT - 102 MW	S	10/25/2014 0:00	11/2/2014 15:00	10/27/2014 4:30	11/2/2014 10:01	207:00	149:31	Diesel generator installation
In-service January 1995	S	1/21/2015 8:00	1/21/2015 14:25	1/21/2015 8:00	1/21/2015 14:25	6:25	6:25	Diesel generator installation
E. W. Brown Unit 10 - Gas CT - 102 MW	S	11/1/2014 0:00	11/9/2014 15:00	11/3/2014 5:30	11/7/2014 18:56	207:00	109:26	Igniter issues
In-service December 1995	F		2/6/2015 10:00	2/7/2015 17:01		31:01	Igniter issues	
	S	3/21/2015 0:00	5/17/2015 15:00	3/20/2015 11:25	5/4/2015 16:35	1383:00	1085:10	Major overhaul
E. W. Brown Unit 11 - Gas CT - 102 MW	S	11/1/2014 0:00	11/9/2014 15:00	11/3/2014 5:30	11/7/2014 19:19	207:00	109:49	Gas fuel system
In-service May 1996	S	12/2/2014 7:13	12/4/2014 16:31	12/2/2014 7:13	12/4/2014 16:31	57:18	57:18	Fuel piping and valves
Haefling Unit 1 - Gas CT - 12 MW		No outages > or = 6 hours						
In-service October 1970								
Haefling Unit 2 - Gas CT - 12 MW		No outages > or = 6 hours						
In-service October 1970								
Paddys Run Unit 13 - Gas CT - 147 MW	F		1/7/2015 4:00	1/8/2015 16:00		36:00	Gas fuel system (lack of gas pressure)	
In-service June 2001	F		1/9/2015 16:00	1/10/2015 22:15		30:15	Gas fuel system (lack of gas pressure)	
Jointly owned with LG&E	F		2/12/2015 20:00	2/13/2015 10:00		14:00	Gas fuel system (lack of gas pressure)	
	F		2/14/2015 20:00	2/21/2015 0:00		148:00	Gas fuel system (lack of gas pressure)	
	S	2/21/2015 0:00	3/1/2015 15:00	2/21/2015 0:00	3/7/2015 18:11	207:00	354:11	Combustor
	S	4/21/2015 5:00	4/21/2015 13:22	4/21/2015 5:00	4/21/2015 13:22	8:22	8:22	Gas fuel system (gas line testing)
Trimble County Unit 5 - Gas CT - 157 MW		No outages > or = 6 hours						
In-service May 2002								
Jointly owned with LG&E								

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

Kentucky Utilities Company
November 2014 through April 2015

Unit and Outage Type (F=Forced; S=Scheduled)	Scheduled		Actual*		HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	
	FROM	TO	FROM	TO	Scheduled	Actual*		
Trimble County Unit 6 - Gas CT - 157 MW								
In-service May 2002			2/6/2015 6:10	2/6/2015 13:13		7:03	Inlet air valves	
Jointly owned with LG&E			2/22/2015 23:55	2/23/2015 10:02		10:07	Combustor	
			2/23/2015 10:49	2/23/2015 17:01		6:12	Combustor	
	S	2/25/2015 11:00	2/25/2015 11:00	2/25/2015 22:58	11:58	11:58	Gas fuel system	
	S	3/4/2015 9:03	3/4/2015 9:03	3/5/2015 5:43	20:40	20:40	Fuel piping and valves	
	S	3/13/2015 7:14	3/13/2015 7:14	3/23/2015 3:06	235:52	235:52	Fuel piping and valves	
Trimble County Unit 7 - Gas CT - 157 MW	F		11/12/2014 20:23	11/13/2014 6:37		10:14	Hydrogen System	
In-service June 2004	F		4/29/2015 4:45	4/29/2015 20:14		15:29	Starting system	
Jointly owned with LG&E								
Trimble County Unit 8 - Gas CT - 157 MW	F		12/13/2014 14:10	12/13/2014 21:42		7:32	Switchyard system protection devices	
In-service June 2004	F		4/29/2015 4:45	4/29/2015 20:14		15:29	Starting system	
Jointly owned with LG&E								
Trimble County Unit 9 - Gas CT - 157 MW	S	12/13/2014 6:30	12/13/2014 18:00	12/13/2014 6:30	12/13/2014 18:00	11:30	11:30	Switchyard system protection devices
In-service July 2004								
Jointly owned with LG&E								
Trimble County Unit 10 - Gas CT - 157 MW		No outages > or = 6 hours						
In-service July 2004								
Jointly owned with LG&E								

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

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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 sheets.

Attachment to Response to Question No. 8
Page 1 of 24
Dotson

- A. NAME/ADDRESS: Alliance Coal, LLC / J09002
1717 South Boulder Av., Suite 400
Tulsa, Oklahoma 74119-4886
- B. PRODUCTION FACILITY:
OPERATOR River View Coal, LLC
MINE River View Mine
LOCATION Union County, Kentucky
- C. CONTRACT EXECUTED DATE: November 10, 2008
- D. CONTRACT DURATION: November 3, 2008 – December 31, 2015
- E. CONTRACT AMENDMENTS: Amendment No. 1 dated May 1, 2010. Added barge fleeting demurrage charge to Section 5.2 Barge Delivery. Added Barge Shifting Fee to Base Price Section 8.1.
- F. ANNUAL TONNAGE REQUIREMENTS:
- | | | |
|------|------------------------------|--|
| 2010 | 969,072 tons | |
| | (includes FM of 30,928 tons) | |
| 2011 | 2,000,000 tons | |
| 2012 | 2,000,000 tons | |
| 2013 | 2,000,000 tons | |
| 2014 | 2,000,000 tons | |
| 2015 | 2,000,000 tons | |
- G. ACTUAL TONNAGE RECEIVED:
- | | <u>LG&E</u> | <u>KU</u> |
|------|-------------------|--------------|
| 2010 | 525,414 tons | 443,658 tons |
| 2011 | 1,177,540 tons | 771,648 tons |
| 2012 | 1,806,495 tons | 204,987 tons |
| 2013 | 1,612,443 tons | 408,370 tons |
| 2014 | 1,192,318 tons | 769,694 tons |
| 2015 | 450,671 tons | 291,609 tons |
| | (through 4/30/15) | |
- H. PERCENT OF ANNUAL REQUIREMENTS:
- | | |
|------|-----------------------|
| 2010 | 100% |
| 2011 | 97% |
| 2012 | 101% |
| 2013 | 101% |
| 2014 | 98% |
| 2015 | 37% (through 4/30/15) |

I. BASE PRICE (FOB Barge):	\$41.00 per ton
J. ESCALATIONS TO DATE:	\$14.36 per ton
K. CURRENT CONTRACT PRICE:	\$55.36 per ton

A. NAME/ADDRESS: Alliance Coal, LLC / J12007
1717 South Boulder Av., Suite 400
Tulsa, Oklahoma 74119-4886

B. PRODUCTION FACILITY:
OPERATOR Hopkins County Coal, Warrior Coal and Webster
County Coal
MINE Seller's Mines
LOCATION Western Kentucky

C. CONTRACT EXECUTED DATE: December 9, 2011

D. CONTRACT DURATION: January 1, 2012 – December 31, 2016

E. CONTRACT AMENDMENTS: Amendment No. 1, effective January 1, 2013.
Determine Base price for 2013 and 2014.
Amendment No. 2, effective January 1, 2014.
Determine Base price for 2014 and 2015.
Amendment No. 3, effective January 1, 2015.
Determine Base price for 2015 and 2016.
Amendment No. 4, effective January 1, 2016
Determine Base Price for 2016

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&E</u>	<u>KU</u>
2012	2,877,460 tons	14,326 tons
2013	3,065,353 tons	0 tons
2014	2,942,649 tons	60,536 tons
2015	986,587 tons (through 4/30/15)	0 tons

H. PERCENT OF ANNUAL REQUIREMENTS:

2012	96%
2013	102%
2014	100%
2015	33% (through 4/30/15)

I. BASE PRICE (FOB Railcar/Barge): 2012 - \$47.00 per ton FOB Railcar

2013 - \$48.00 per ton FOB Railcar
2014 - \$47.38 per ton FOB Railcar/Barge
2015 - \$47.13 per ton FOB Railcar/Warrior
2015 - \$46.88 per ton FOB Railcar/Dotiki
2016 - \$45.75 per ton FOB Railcar/Warrior
2016 - \$45.00 per ton FOB Railcar/Dotiki

J. ESCALATIONS TO DATE:

None

K. CURRENT CONTRACT PRICE:

\$47.13 per ton FOB Railcar/Warrior
\$46.88 per ton FOB Railcar/Dotiki

A. NAME/ADDRESS: Alliance Coal, LLC / J14011B
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: December 29, 2014

D. CONTRACT DURATION: January 1, 2015 – December 31, 2015

E. CONTRACT AMENDMENTS: Contract J14011 Assignment from Patriot Coal
Sales to Alliance Coal, LLC

F. ANNUAL TONNAGE REQUIREMENTS: 2015 598,099 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&E</u>	<u>KU</u>
2015	17,442 tons (through 4/30/15)	178,957 tons

H. PERCENT OF ANNUAL REQUIREMENTS: 2015 33% (through 4/30/15)

I. BASE PRICE (FOB Railcar/Barge): 2015 - \$43.75 per ton FOB Barge

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$43.75 per ton

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

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

C. CONTRACT EXECUTED DATE: May 7, 2014

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

E. CONTRACT AMENDMENTS: None

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

G. ACTUAL TONNAGE RECEIVED: KU
2014 438,702 tons
2015 179,467 (through 4/30/15)

H. PERCENT OF ANNUAL REQUIREMENTS: 2014 97%
2015 30% (through 4/30/15)

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

J. ESCALATIONS TO DATE: \$0.00 per ton

I. CURRENT CONTRACT PRICE: \$13.40 per ton

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

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

C. CONTRACT EXECUTED DATE: December 20, 2007

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

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

F. ANNUAL TONNAGE REQUIREMENTS:

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

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&E</u>	<u>KU</u>
2008	511,414 tons	82,623 tons
2009	1,530,482 tons	632,077 tons
2010	1,180,206 tons	657,930 tons
2011	993,296 tons	877,219 tons
2012	904,254 tons	1,211,495 tons
2013	838,589 tons	1,431,403 tons
2014	346,954 tons	634,044 tons
2015	91,687 tons	120,300 tons
	(through 4/30/15)	

H. PERCENT OF ANNUAL
REQUIREMENTS:

2008	99%
2009	98%
2010	102%
2011	89%
2012	101%
2013	108%
2014	98%
2015	21% (through 4/30/15)

I. BASE PRICE (FOB Barge)

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

J. ESCALATIONS TO DATE:

None

I. CURRENT CONTRACT PRICE:

Quality 1 - \$28.50 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&E</u>	
		<u>KU</u>	
	2012	351,344 tons	-
	2013	530,577 tons	-
	2014	488,729 tons	477,639 tons
	2015	256,926 tons (through 4/30/15)	113,820 tons
H. PERCENT OF ANNUAL REQUIREMENTS:	2012	99%	
	2013	106%	
	2014	97%	
	2015	37% (through 4/30/15)	
I. BASE PRICE (FOB Railcar/Barge)	2012	\$45.00 per ton	
	2013	\$46.00 per ton	
	2014	\$48.00 per ton	
	2015	\$49.00 per ton	

J. ESCALATIONS TO DATE: -\$2.23 per ton

I. CURRENT CONTRACT PRICE: \$46.77 per ton

A. NAME/ADDRESS:	Armstrong Coal Company, Inc. / J14004 407 Brown Road Madisonville, Kentucky 42431																
B. PRODUCTION FACILITY:																	
OPERATOR	Armstrong Coal Company, Inc.																
MINES	Various																
LOCATION	Muhlenberg County and Ohio County, Kentucky																
C. CONTRACT EXECUTED DATE:	December 12, 2012																
D. CONTRACT DURATION:	January 1, 2013 - December 31, 2017																
E. CONTRACT AMENDMENTS:	Amendment No. 1, effective October 29, 2013 amending base quantity and price.																
F. ANNUAL TONNAGE REQUIREMENTS:	<table border="0"> <tr> <td>2014</td> <td>1,300,000 tons</td> </tr> <tr> <td>2015</td> <td>1,350,000 tons</td> </tr> <tr> <td>2016</td> <td>500,000 tons</td> </tr> <tr> <td>2017</td> <td>500,000 tons</td> </tr> </table>		2014	1,300,000 tons	2015	1,350,000 tons	2016	500,000 tons	2017	500,000 tons							
2014	1,300,000 tons																
2015	1,350,000 tons																
2016	500,000 tons																
2017	500,000 tons																
G. ACTUAL TONNAGE: RECEIVED:	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>LG&E</u></td> <td style="text-align: center;"><u>KU</u></td> </tr> <tr> <td>2014</td> <td>647,205 tons</td> <td>579,440 tons</td> </tr> <tr> <td>2015</td> <td>76,588 tons</td> <td>199,854 tons</td> </tr> <tr> <td></td> <td colspan="2">(through 4/30/15)</td> </tr> </table>			<u>LG&E</u>	<u>KU</u>	2014	647,205 tons	579,440 tons	2015	76,588 tons	199,854 tons		(through 4/30/15)				
	<u>LG&E</u>	<u>KU</u>															
2014	647,205 tons	579,440 tons															
2015	76,588 tons	199,854 tons															
	(through 4/30/15)																
H. PERCENT OF ANNUAL REQUIREMENTS:	<table border="0"> <tr> <td>2014</td> <td>94%</td> </tr> <tr> <td>2015</td> <td>21% (through 4/30/15)</td> </tr> </table>		2014	94%	2015	21% (through 4/30/15)											
2014	94%																
2015	21% (through 4/30/15)																
I. BASE PRICE (FOB Railcar/Barge)	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Railcar</u></td> <td style="text-align: center;"><u>Barge</u></td> </tr> <tr> <td>2014</td> <td>\$44.60 per ton</td> <td>\$45.60 per ton</td> </tr> <tr> <td>2015</td> <td>\$46.01 per ton</td> <td>\$47.01 per ton</td> </tr> <tr> <td>2016</td> <td>\$46.75 per ton</td> <td>\$47.75 per ton</td> </tr> <tr> <td>2017</td> <td>\$47.90 per ton</td> <td>\$48.90 per ton</td> </tr> </table>			<u>Railcar</u>	<u>Barge</u>	2014	\$44.60 per ton	\$45.60 per ton	2015	\$46.01 per ton	\$47.01 per ton	2016	\$46.75 per ton	\$47.75 per ton	2017	\$47.90 per ton	\$48.90 per ton
	<u>Railcar</u>	<u>Barge</u>															
2014	\$44.60 per ton	\$45.60 per ton															
2015	\$46.01 per ton	\$47.01 per ton															
2016	\$46.75 per ton	\$47.75 per ton															
2017	\$47.90 per ton	\$48.90 per ton															
J. ESCALATIONS TO DATE:	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Railcar</u></td> <td style="text-align: center;"><u>Barge</u></td> </tr> <tr> <td></td> <td>-\$3.72 per ton</td> <td>-\$3.72 per ton</td> </tr> </table>			<u>Railcar</u>	<u>Barge</u>		-\$3.72 per ton	-\$3.72 per ton									
	<u>Railcar</u>	<u>Barge</u>															
	-\$3.72 per ton	-\$3.72 per ton															
I. CURRENT CONTRACT PRICE:	<table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Railcar</u></td> <td style="text-align: center;"><u>Barge</u></td> </tr> <tr> <td></td> <td>\$42.29 per ton</td> <td>\$43.29 per ton</td> </tr> </table>			<u>Railcar</u>	<u>Barge</u>		\$42.29 per ton	\$43.29 per ton									
	<u>Railcar</u>	<u>Barge</u>															
	\$42.29 per ton	\$43.29 per ton															

A. NAME/ADDRESS: Armstrong Coal Company, Inc. / J14010
407 Brown Road
Madisonville, Kentucky 42431

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

C. CONTRACT EXECUTED DATE: December 12, 2012

D. CONTRACT DURATION: January 1, 2014 - December 31, 2019

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE REQUIREMENTS:

2014	100,000 tons
2015	100,000 tons
2016	100,000 tons
2017	100,000 tons
2018	100,000 tons
2019	100,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>LG&E</u>	<u>KU</u>
2014	38,628 tons	59,303 tons
2015	19,255 tons (through 4/30/15)	16,066 tons

H. PERCENT OF ANNUAL REQUIREMENTS:

2014	98%
2015	35% (through 4/30/15)

I. BASE PRICE (FOB Barge/Railcar)

2014	\$40.00 per ton
2015	\$41.00 per ton
2016	\$42.00 per ton
2017	\$43.00 per ton
2018	\$44.00 per ton
2019	\$45.00 per ton

J. ESCALATIONS TO DATE: None

I. CURRENT CONTRACT PRICE: \$41.00 per ton

A. NAME/ADDRESS:	Bowie Refined Coal LLC / K14037 6100 Dutchmans Lane, 11 th Floor Louisville, Kentucky 40205	
B. PRODUCTION FACILITY:		
OPERATOR	Bowie Refined Coal LLC	
MINES	BRC Estill County Facility	
LOCATION	Estill County, Kentucky	
C. CONTRACT EXECUTED DATE:	October 6, 2014	
D. CONTRACT DURATION:	October 1, 2014 - December 31, 2016	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2014	30,000 tons
	2015	120,000 tons
	2016	120,000 tons
G. ACTUAL TONNAGE RECEIVED:	<u>KU</u>	
	2014	12,672 tons
	2015	22,660 tons (through 4/30/15)
H. PERCENT OF ANNUAL REQUIREMENTS:	2014	42%
	2015	19% (through 4/30/15)
I. BASE PRICE (FOB E.W. Brown)		
		<u>120,000 lbs. GVW</u> <u>80,000 lbs. GVW</u>
	2014	\$58.50 per ton \$69.50 per ton
	2015	\$59.67 per ton \$70.67 per ton
	2016	\$60.84 per ton \$71.84 per ton
J. ESCALATIONS TO DATE:	None	
I. CURRENT CONTRACT PRICE:		
		<u>120,000 lbs. GVW</u> <u>80,000 lbs. GVW</u>
		\$59.67 per ton \$70.67 per ton

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

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

C. CONTRACT EXECUTED DATE: March 14, 2012

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

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

F. ANNUAL TONNAGE REQUIREMENTS

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

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2012	501,975 tons	462,614 tons
2013	446,791 tons	389,734 tons
2014	439,606 tons	567,280 tons
2015	179,311 tons	153,485 tons (through 4/30/15)

H. PERCENT OF ANNUAL REQUIREMENTS:

2012	100%
2013	96%
2014	101%
2015	33% (through 4/30/15)

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

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$43.50 per ton

A. NAME/ADDRESS:	Patriot Coal Sales, LLC / J13004 12312 Olive Boulevard, Suite 400 St. Louis, Missouri 63141	
B. PRODUCTION FACILITY:	Highland Mining Company, LLC	
OPERATOR	Highland Mine	
MINE	Union County, Kentucky	
LOCATION		
C. CONTRACT EXECUTED DATE:	February 1, 2013	
D. CONTRACT DURATION:	February 1, 2013 - December 31, 2015	
E. CONTRACT AMENDMENTS:	Contract Assigned to Alliance Coal, LLC effective January 1, 2015	
F. ANNUAL TONNAGE	2013	300,000 tons
REQUIREMENTS:	2014	600,000 tons
	2015	300,000 tons
G. ACTUAL TONNAGE		
RECEIVED:		
		<u>LG&E</u> <u>KU</u>
	2013	14,051 tons 227,606 tons
	2014	52,955 tons 547,206 tons
	2015	19,138 tons 23,835 tons
H. PERCENT OF ANNUAL	2013	81%
REQUIREMENTS:	2014	100%
	2015	carryover tons
I. BASE PRICE (FOB Barge):	2013	\$41.90 per ton
	2014	\$47.00 per ton
	2015	\$49.75 per ton
J. ESCALATIONS TO DATE:	None	
K. CURRENT CONTRACT PRICE:	\$47.00 per ton	

A. NAME/ADDRESS:	Patriot Coal Sales, LLC / J14011 12312 Olive Boulevard, Suite 400 St. Louis, Missouri 63141		
B. PRODUCTION FACILITY:	Highland Mining Company, LLC		
OPERATOR	Highland Mine		
MINE	Union County, Kentucky		
LOCATION			
C. CONTRACT EXECUTED DATE:	November 14, 2013		
D. CONTRACT DURATION:	January 1, 2014 - December 31, 2015		
E. CONTRACT AMENDMENTS:	Contract Assigned to Alliance Coal, LLC effective January 1, 2015		
F. ANNUAL TONNAGE	2014	500,000 tons	
REQUIREMENTS:	2015	500,000 tons	
G. ACTUAL TONNAGE		<u>LG&E</u>	<u>KU</u>
RECEIVED:	2014	24,212 tons	377,689 tons
H. PERCENT OF ANNUAL	2014	80%	
REQUIREMENTS:			
I. BASE PRICE (FOB Barge):	2014	\$43.75 per ton	
	2015	\$43.75 per ton	
J. ESCALATIONS TO DATE:	None		
K. CURRENT CONTRACT PRICE:	\$43.75 per ton		

A. NAME/ADDRESS:	Peabody COALSALES, LLC / J12011 701 Market Street St. Louis, Missouri 63101		
B. PRODUCTION FACILITY:	Peabody Midwest Mining, LLC		
OPERATOR	Peabody Wild Boar Mining, LLC		
MINE	Somerville Mine Complex		
LOCATION	Wild Boar Warrick & Gibson Counties, Indiana		
C. CONTRACT EXECUTED DATE:	December 29, 2011		
D. CONTRACT DURATION:	January 1, 2012 – December 31, 2015		
E. CONTRACT AMENDMENTS:	Amendment No. 1 effective July 1, 2014 Extend term to December 31, 2015 and add 1.0M tons to 2015		
F. ANNUAL TONNAGE REQUIREMENTS:	2012	1,500,000 tons	
	2013	1,500,000 tons	
	2014	1,500,000 tons	
	2015	1,000,000 tons	
G. ACTUAL TONNAGE RECEIVED:			
		<u>KU</u>	
		<u>LGE</u>	
	2012	995,669 tons	510,080 tons
	2013	1,031,172 tons	448,290 tons
	2014	1,088,584 tons	453,789 tons
	2015	371,541 tons	25,559 tons
		(through 4/30/15)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2012	100%	
	2013	99%	
	2014	103%	
	2015	40% (through 4/30/15)	
I. BASE PRICE: (FOB Barge/Railcar)	2012	\$49.90 per ton – FOB Barge Evansville \$49.11 per ton – FOB Barge Warrick Co. \$44.50 per ton – FOB Railcar	

2013 \$52.15 per ton – FOB Barge Evansville
\$51.36 per ton – FOB Barge Warrick Co.
\$46.75 per ton – FOB Railcar

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

2015 \$44.50 per ton – FOB Barge Evansville
\$44.50 per ton – FOB Barge Warrick Co.
\$41.50 per ton – FOB Railcar

J. ESCALATIONS TO DATE:

-\$3.72 per ton – FOB Barge Evansville
-\$3.11 per ton – FOB Warrick Co.
-\$3.11 per ton – FOB Railcar

K. CURRENT CONTRACT PRICE:

\$40.78 per ton – FOB Barge Evansville
\$41.39 per ton – FOB Barge Warrick Co.
\$38.39 per ton – FOB Railcar

A. NAME/ADDRESS:	Rhino Energy LLC and Pennyrile Energy LLC / J14001 424 Lewis Hargett Circle, Suite 250 Lexington, Kentucky 40503												
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Pennyrile Energy LLC Riveredge Mine McLean County, Kentucky												
C. CONTRACT EXECUTED DATE:	December 11, 2012												
D. CONTRACT DURATION:	December 10, 2014 - December 31, 2020												
E. CONTRACT AMENDMENTS:	None												
F. ANNUAL TONNAGE REQUIREMENTS:	2014 150,000 tons 2015 800,000 tons 2016 800,000 tons 2017 800,000 tons 2018 – 2020 Reopener												
G. ACTUAL TONNAGE RECEIVED:	<table border="0" style="margin-left: 40px;"> <tr> <td></td> <td style="text-align: center;"><u>LG&E</u></td> <td style="text-align: center;"><u>KU</u></td> </tr> <tr> <td>2014</td> <td>43,582 tons</td> <td>70,647 tons</td> </tr> <tr> <td>2015</td> <td>9,300 tons</td> <td>188,446 tons</td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">(through 4/30/15)</td> </tr> </table>		<u>LG&E</u>	<u>KU</u>	2014	43,582 tons	70,647 tons	2015	9,300 tons	188,446 tons		(through 4/30/15)	
	<u>LG&E</u>	<u>KU</u>											
2014	43,582 tons	70,647 tons											
2015	9,300 tons	188,446 tons											
	(through 4/30/15)												
H. PERCENT OF ANNUAL REQUIREMENTS:	2014 76% 2015 25% (through 4/30/15)												
I. BASE PRICE (FOB Barge):	2014 \$45.25 per ton 2015 \$46.50 per ton 2016 \$48.25 per ton 2017 \$50.00 per ton 2018 – 2020 Reopener												
J. ESCALATIONS TO DATE:	None												
K. CURRENT CONTRACT PRICE:	\$46.50 per ton												

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

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

C. CONTRACT EXECUTED DATE: December 19, 2011

D. CONTRACT DURATION: January 1, 2012 - June 30, 2015

E. CONTRACT AMENDMENTS: Letter Agreement dated February 1, 2012. Add barge delivery during January-February 2012. Letter Amendment, effective April 21, 2014. Add truck FOB Delivered Price. Contract Assignment Letter dated September 3, 2014, assigning contract from Triad Mining, Inc. to Triad Mining, LLC. Amendment No. 3 effective January 1, 2015 - Contract term extended through June 30, 2015.

F. ANNUAL TONNAGE REQUIREMENTS: 2012 700,000 tons
2013 700,000 tons
2014 700,000 tons

G. ACTUAL TONNAGE RECEIVED: KU
2012 689,960 tons
2013 667,644 tons
2014 524,668 tons
2015 141,369 tons
(through 4/30/15)

H. PERCENT OF ANNUAL REQUIREMENTS: 2012 99%
2013 95%
2014 75%
2015 carryover tonnage

I. BASE PRICE: (FOB Railcar) 2012 \$45.50 per ton
2013 \$47.50 per ton

2014 \$49.00 per ton

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

K. CURRENT CONTRACT PRICE: \$48.55 per ton

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

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

C. CONTRACT EXECUTED DATE: March 14, 2013

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

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

F. ANNUAL TONNAGE REQUIREMENTS:

2014	360,000 tons
2015	360,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2014	204,732 tons	115,435 tons
2015	110,184 tons (through 4/30/15)	74,444 tons

H. PERCENT OF ANNUAL REQUIREMENTS:

2014	89%
2015	51% (through 4/30/15)

I. BASE PRICE: (FOB Barge)

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

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$49.10 per ton

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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.

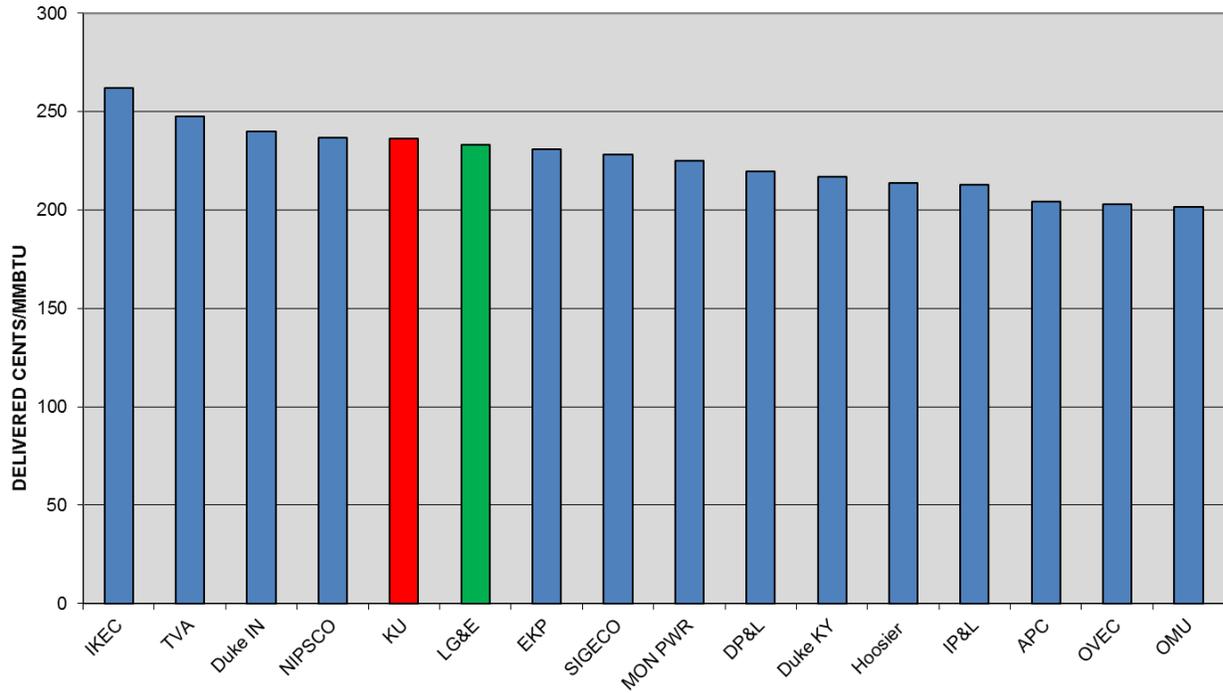
- A-9. a. Yes.
- b. KU compares pricing of its coal purchases with neighboring utilities from data that is compiled by Energy Velocity database. The utilities included in the comparison are shown on the list found on page 1 of the Attachment to this response. The chart found on page 2 of the Attachment shows the price comparison for coal containing greater than 5.0 lbs. SO₂ 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. SO₂, which is consistent with the coal burned in KU's units at the Green River Station for mid-sulfur coal.

LG&E is included on the price comparison chart on page 3 of the Attachment because LG&E accepts deliveries of lower sulfur coal to satisfy bids with a sulfur content specification of 6 lbs. The lower sulfur coal is being supplied under a contract specifying high sulfur content coal and appropriate pricing; therefore, the price of the lower sulfur content coal is similar to what LG&E is paying for high sulfur coal.

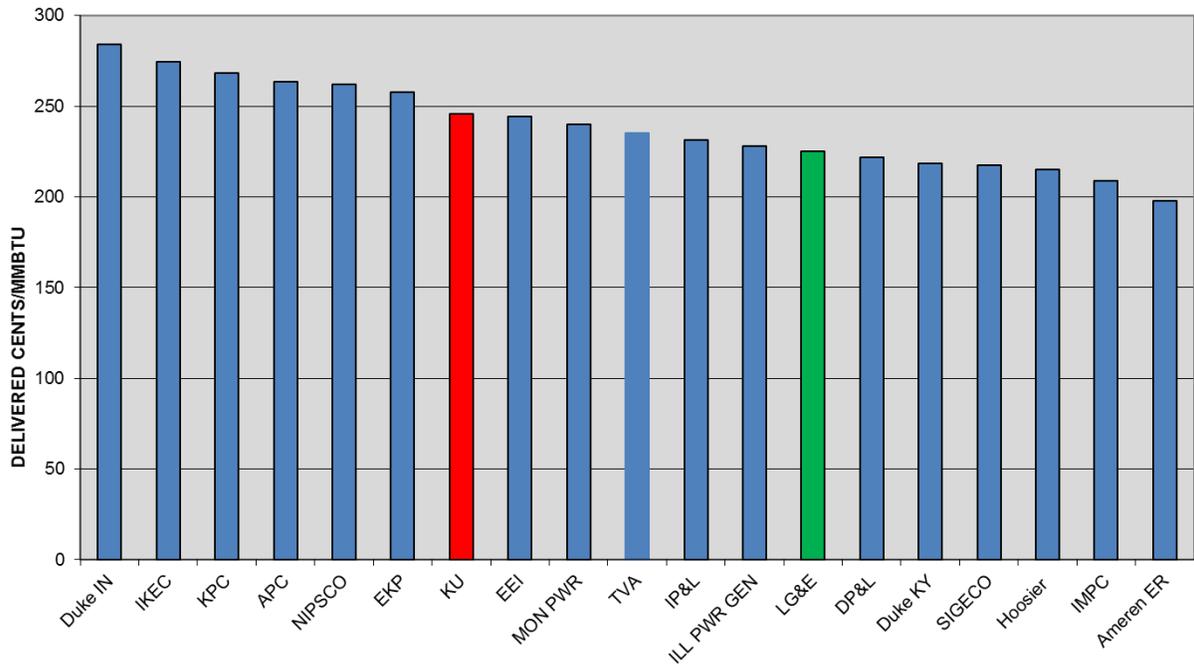
Attachment to Response to Question No. 9

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

Delivered Price Comparison ≥ 5.0 Lbs SO₂ Content
(Jun 14 - May 15)



Delivered Price Comparison < 5.0 Lbs SO₂ Content
(Jun 14 - May 15)



KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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 – 10%
- b. Truck – 8%
 - c. Barge – 82%

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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, 2015. 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, 2015, 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, 2015:

EW Brown	189,288 Tons; 30 Days	Target 30-55 Days
Ghent	793,455 Tons; 38 Days	Target 20-39 Days
Green River	75,443 Tons; 36 Days	Target 24-69 Days
Trimble County*	236,663 Tons; 32 Days	Target 21-44 Days
Total	1,294,849 Tons; 37 Days	Target 23-46 Days

* Trimble County coal inventory includes both PRB and High Sulfur coals used for Trimble County Unit 2.

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

Upper and lower tons/day targeted inventory days were established for each plant taking into consideration each plant's operating parameters. Each plants "least cost" inventory range is established annually during the planning process based on historical coal burn/receipt variances, procurement reaction time for long-term fuel supply agreements, current coal and electricity prices offset by carrying and outage costs.

- c. See (a) above.
- d. Not applicable.
- e. (1) With the exception of Green River Station, 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) The Green River Station is scheduled to shut down during the fall of 2015. Once commercial operation ceases at Green River Station, any remaining coal inventory will be eliminated.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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, 2014, through April 30, 2015.
- 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.
- b. Not applicable.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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, 2014, through April 30, 2015.
- 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 14, 2015**

Case No. 2015-00234

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 14, 2015**

Case No. 2015-00234

Question No. 15

Witness: Mike Dotson

- Q-15. a. During the period from November 1, 2014, through April 30, 2015, 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. No changes were made during the period referenced above.
- b. Not applicable.
- c. The Fuel Procurement Policies and Procedures were last changed effective March 1, 2013 and were provided to the Commission in response to Question No. 31 in Case No. 2012-00552.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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, 2014, through April 30, 2015.
- 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 14, 2015**

Case No. 2015-00234

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, 2014, through April 30, 2015.
- A-17. There have been no changes in the organizational structure during the period from November 1, 2014 through April 30, 2015.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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. No changes occurred during the period under review.
- b. Not applicable.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 19

Witness: Mike Dotson

Q-19. List each written coal supply solicitation issued during the period from November 1, 2014, through April 30, 2015.

- 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 April 11, 2014 was completed for middlings coal for 2015 and was filed in Case No. 2014-00452 and 2014 – 00227. The responses for high sulfur coal after 2015 and beyond were not completed at the time the data responses were filed. The requested information for the selected vendors is provided below for the high sulfur purchase for 2015 – 2019.

- a. Date: August 11, 2014
Contract/Spot: Contract or Spot
Quantities: No minimum or maximum specified
Quality: Suitable for LG&E and KU power plants
Period: Up to 6 years
Generating Units: All LG&E and KU power plants
- b. Number of vendors receiving bids: 124
Number of vendors responded: 21 companies / 39 offers

Selected vendor(s): The vendor(s) selected were based upon the lowest evaluated delivered cost.

E. W. Brown Station

Black Hawk/Triad Mining - J15002

Alliance Coal - J16006

Peabody Coal Sales – J16007

High Sulfur Barge Coal

Patriot Coal Sales - J16001 (assigned to Alliance Coal January 1, 2015)

Eagle River Coal, LLC – J16005

The American Coal Co. – J16006

Peabody Coal Sales – J16007

Foresight Coal Sales – J16009

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 2, 2015
Contract/Spot: Contract or Spot
Quantities: No minimum or maximum specified
Quality: Suitable for KU's Ghent and Green River Stations and LG&E's Trimble County and Mill Creek Stations
Period: April through December 2015 – Spot
2016 and beyond - Contract
Generating Units: KU's Ghent and Green River Stations and LG&E's Trimble County and Mill Creek Stations
- b. Number of vendors receiving bids: 119
Number of vendors responded: 22 companies / 41 offers
Selected vendor(s): The vendor(s) selected were based upon the lowest evaluated delivered cost.

PRB Coal (Trimble County Unit 2)

Arch Coal Sales Co., Inc. – J16012

High Sulfur Spot for 2015

Peabody Coalsales, LLC – J15028

White Oak Resources – J15023

Middlings

Western Kentucky Minerals – J15027

The final selection of the vendor(s) for high sulfur coal for the period of 2016-2022 from the bids are in negotiations and 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.

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

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 20

Witness: Mike Dotson

- Q-20. List each oral coal supply solicitation issued during the period from November 1, 2014, through April 30, 2015.
- 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 solicitation.
- a. Not applicable.
 - b. Not applicable.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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, 2014 through April 30, 2015, which required a third party's transmission system.
- b. Not applicable.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 22

Witness: Robert M. Conroy

- Q-22. a. Describe the effect on the FAC calculation of line losses related to intersystem sales when not using a third party's transmission system.
- b. Describe each change that KU made to its methodology for calculating intersystem sales line losses during the period under review.
- A-22. a. Line losses related to intersystem sales are calculated using a loss factor of 0.5% whether the intersystem sale requires a third party transmission system or not.
- b. There have been no changes regarding the calculation of losses associated with intersystem sales. KU continues to use a line loss factor of 0.5% to determine the cost of fuel associated with line losses incurred to make an intersystem sale and recovered from such sale consistent with the Commission's June 7, 2013, Amended Order in Case No. 2012-00552.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

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.

KENTUCKY UTILITIES COMPANY

**Response to Information Requested in Appendix of
Commission's Order Dated August 14, 2015**

Case No. 2015-00234

Question No. 25

Witness: Mike Dotson / Robert M. Conroy

Q-25. State whether all long-term fuel contracts related to commodity and/or transportation have been filed with the Commission. If any contracts have not been filed, explain why they have not been filed and provide a copy.

A-25. All long-term coal and coal transportation contracts have been filed with the Commission.

With respect to natural gas contracts, see the response to Question No. 2. Gas transportation contracts were filed with the Commission in Case No. 2014-00227, response to the Commission's first data request, Question No. 29.