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Jeff DeRouen **Executive Director** Kentucky Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602-0615

PUBLIC SERVICE COMMISSION

Kentucky Utilities Company

State Regulation and Rates 220 West Main Street PO Box 32010 Louisville, Kentucky 40232 www.lge-ku.com

February 16, 2012

RE: AN EXAMINATION OF THE APPLICATION OF THE FUEL ADJUSTMENT CLAUSE OF KENTUCKY UTILTIES COMPANY FROM MAY 1, 2011 THROUGH OCTOBER 31, 2011 - CASE NO. 2011-00484

Dear Mr. DeRouen:

Enclosed please find an original and ten (10) copies of the Response of Kentucky Utilities Company to Information Requested in the Appendix of the Commission's Order dated January 26, 2012, in the above-referenced proceeding.

Also enclosed are an original and ten (10) copies of a Petition for Confidential Protection regarding certain information provided in response to Question Nos. 12, 19, and 20.

Please contact me if you have any questions concerning this filing.

Sincerely,

Robert M. Conroy

Enclosures

Robert M. Conroy Director - Rates T 502-627-3324 F 502-627-3213 robert.conroy@lge-ku.com

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN EXAMINATION OF THE)
APPLICATION OF THE FUEL)
ADJUSTMENT CLAUSE OF KENTUCKY) CASE NO.
UTILITIES COMPANY FROM) 2011-00484
MAY 1, 2011 THROUGH OCTOBER 31, 2011)

RESPONSE OF KENTUCKY UTILITIES COMPANY TO INFORMATION REQUESTED IN APPENDIX OF COMMISSION'S ORDER DATED JANUARY 26, 2012

FILED: February 16, 2012

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 //// day of $///// day of ______2012.$

Notary Public

My 21, 3015

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 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.

Mula A Dolum

Charles R. Schram

Subscribed and sworn to before me, a Notary Public in and before said County and State, this <u> 14^{th} day of</u> <u> 14^{th} day of</u> <u>2012</u>.

Allery (SEAL)

July 21, 2015

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.

Mille Drtan

Mike Dotson

July 21, 2015

COMMONWEALTH OF KENTUCKY) SS:) **COUNTY OF JEFFERSON**)

The undersigned, David L. Tummonds, being duly sworn, deposes and says that he is Director - Generation Services 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.

David L. Tummonds

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 16th day of Lefridary 2012. Almer

(SEAL) [/]Public

July 21, 2015

Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

Question No. 1

Witness: Mike Dotson

Q-1. For the period from May 1, 2011 through October 31, 2011, 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.

A-1.

PURCHASE	PURCHASE		
VENDOR	TONNAGE		TYPE
Alliance Coal LLC - J09002	315,470		Contract
Arch Coal Sales Company Inc J10025	54,668		Spot
Arch Coal Sales Company Inc J11026	23,311		Spot
Arch Coal Sales Company Inc K11029	62,372		Spot
Armstrong Coal Company - J07032	467,117		Contract
Armstrong Coal Company - J10009	332,560		Contract
Armstrong Coal Company - K11002	69,948		Contract
Coalsales, LLc - K06118	77,670		Contract
CONSOL Energy Inc J10008	386,234		Contract
Cumberland Elkhorn Coal & Coke K11031	20,295		Spot
Oxford Mining Co - Kentucky LLC - J07003 B	108,003		Contract
Peabody Coaltrade, LLC - J11017	324,480		Spot
Patriot Coal Corporation - J07037	52,201		Contract
Patriot Coal Corporation - J10002	87,378		Contract
Patriot Coal Corporation - J10010	113,759		Contract
Patriot Coal Corporation - K11001	91,359		Contract
Perry County Coal Corporation - K06108	15,267		Contract
Rhino Energy LLC - J08028	209,271		Contract
The American Coal Company - J10005	400,854		Contract
Trinity Coal Marketing LLC - K05109	598,209		Contract
Western Kentucky Minerals Inc J10001	<u> 181,606</u>		Contract
TOTAL	3,992,031		
	3,506,905	88%	Contract
	485,126	12%	Spot
	3,992,031		

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Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

Question No. 2

Witness: Robert M. Conroy

- Q-2. For the period from May 1, 2011 through October 31, 2011, 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 & Electric 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 13.¹ All remaining purchases are spot purchases.

¹ 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.

Purchase Vendor	Туре	MMBTU
Anadarka Trading	Spot	120 153
Anadarko Trading Associated Energy	Spot Spot	130,153
Atmos Energy	•	270,200
BG Energy Merchants	Spot Spot	335,241 202,700
BNP Paribas	Spot	10,800
BINF Paribas BP Energy	Spot	93,200
Chevron NG	Spot	•
CIMA Energy	Spot	193,000
Columbia Gas of KY	Spot*	36,800 11,084
Colonial Energy	Spot	116,000
Conoco-Phillips	Spot	193,000
Enbridge	Spot	75,500
Gavilon	Spot	179,367
JLA Energy	Spot	217,000
Louis Dreyfus Energy	Spot	71,600
MacquarieCook Energy	Spot	377,108
Mieco	Spot	300
National Energy & Trade	Spot	162,916
NJR Energy Services	Spot	331,560
ONEOK Energy	Spot	670,436
Sequent Energy	Spot	409,619
Shell Energy NA	Spot	98,290
Spark Energy	Spot	5,000
Tenaska Market Ventures	Spot	522,136
Total Gas & Power Mktg	Spot	196,200
TVA	Spot	10,000
United Energy	Spot	64,040
Vitol Inc.	Spot	5,000
Tennessee Gas Pipeline	Imbalance Cashout	94
Louisville Gas and Electric	Special Contract*	356,870
		5,345,214
	100000	5,5,5,214

Natural Gas Purchases 5/1/2011 - 10/31/2011

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

Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

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 its utilization of coal under contract:

1 year out	95 - 100%
2 years out	90-100%
3 years out	40 - 90%
4 years out	30 - 70%
5 years out	20 - 50%

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

Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

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 May 1, 2011 through October 31, 201, 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 May 1, 2011 to October 31, 2011, is shown in the table below:

			* <u></u>	Capacity Factor
				(Net MWh)/
	Coal Burn	Coal Receipts		(period hrs x
Plant	(Tons)	(Tons)	Net MWh	MW rating)
E. W. Brown	635,716	680,876	1,332,837	44.1%
Ghent	3,033,405	2,825,369	6,403,418	75.6%
Green River	198,987	161,306	400,967	55.7%
Tyrone	_	-	(760)	0.0%
Trimble County HS	N/A	1,510,334	N/A	N/A
Trimble County PRB	N/A	324,480	N/A	N/A
Trimble County 2	1,138,536	N/A	2,576,862	79.7%

Notes: 1 – Tyrone 3 was on Inactive Reserve status throughout the period.

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.

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Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

Question No. 5

Witness: Charles R. Schram

Q-5. List all firm power commitments for KU from May 1, 2011 through October 31, 2011 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:

	Companies'	KU Portion	
Utility	Amt (MW)	(MW)	Purpose
OVEC (May 2011)	~ 153	~ 47	Baseload
OVEC (Jun 2011)	~ 160	~ 49	Baseload
OVEC (Jul 2011)	~ 158	~ 49	Baseload
OVEC (Aug 2011)	~ 158	~ 49	Baseload
OVEC (Sep 2011)	~ 134	~ 41	Baseload
OVEC (Oct 2011)	~ 111	~ 34	Baseload

b. Firm Sales

None.

Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

Question No. 6

Witness: Robert M. Conroy

- Q-6. Provide a monthly billing summary of sales to all electric utilities for the period May 1, 2011 through October 31, 2011.
- A-6. Please see the attached sheets.

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Attachment to Response to Question No. 6 Page 1 of 6 Conroy

Company Month Ended: May-31-2011

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Power Transaction Schedule

Kentucky Utilities Company

		Tf			В	Billing Components	tts			
Company	I	Transaction	KWH	Demand(\$)	0	Fuel Charges(\$)		Other Charges(\$)	Ū	Total Charges(\$)
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	OSIM	Economy	568,000		\$	21,728.85	\$	7.993.55	6	29.722.40
PIM INTERCONNECTION ASSOCIATION	PJM	Economy	7,067,000		\$	223,776.96	\$	82.322.56	. 69	306.099.52
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	462,000		\$	13,907.56	69	5,116.29	69	19,023.85
AMEREN ENERGY MARKETING COMPANY	AMEM	Economy	85,000		\$	2,814.08	\$	1,035.23	69	3,849.31
	CARG	Economy	275,000		\$	9,340.15	₩	3,436.03	69	12,776.18
CLITICKOUP ENERGY, INC.	CITI	Economy	19,000		\$	565.25	∽	207.94	69	773.19
EAST NEWTUCKY PUWEK CUUPEKAIIVE	EKPC	Economy	167,000		↔	7,756.45	ы	2.853.42	\$	10,609.87
	ENDU	Economy	107,000		\$	3,227.98	↔	1,187.50	₩	4,415,48
ILLINUIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	34,000		\$	2,259.38	\$	831.17	69	3,090.55
INDIANA MUNICIPAL PUWEK AGENCY	IMPA	Economy	188,000		⇔	7,797.28	\$	2,868.44	₩	10,665.72
	IMBL	Economy	56,000		69	2,310.24	6 9	849.89	69	3,160.13
	MLCM	Economy	9,000		\$	325.63	↔	119.80	69	445.43
TED A OVATED SEDITORS CO	TEA	Economy	168,000		\$	5,855.12	↔	2,153.97	\$	8,009.09
TENASAA FUWEN SERVICES CU.	SdI	Economy	5,000		∽	167.48	69	81.25	\$	248.73
TENNESSEE VALLET AUTHORITY	TVA	Economy	3,709,000		69	121,958.15	\$	44,865.68	643	166,823.83
WESTAK ENEKUY, INC.	WSTR	Economy	82.000		69	2.742.03	\$	1,008.74	↔	3.750.77
EUUISVIILLE GAS & ELECTRIC	LGE	Economy	94,609,000		\$	2,679,119.87	s	90.315.23	59	2,769,435.10
SUBTOTAL			107,610,000	\$, 9	3,105,652.46	\$	247,246.69	\$	3,352,899.15
Total Sales			107,610,000	' \$	64	3,105,652.46	\$	247,246.69		3,352,899.15

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

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Attachment to Response to Question No. 6 Page 2 of 6 Conroy

Vitilities Company Month Ended: June-30-2011

Kentucky Utilities Company

Power Transaction Schedule

Billing Components Fuel

		•				annug componicing	3			
		Type of				Fuel		Other		Total
Company		Transaction	KWH	Demand(\$)		Charges(\$)		Charges(\$)		Charges(\$)
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	OSIM	Economy	925,000		69	55.144.44	Ψ.	74 546 86	¥	70 601 30
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	15,908,000		- 69	517.350.68	ə 69	230.738.46) 69	748,089,14
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	322,000		69	10,125.28		4,507.14	, 69	14.632.42
AMEREN ENERGY MARKETING COMPANY	AMEM	Economy	10,000		Ś	289.73	\$	128.97	643	418.70
	CARG	Economy	836,000		\$	23,882.23	\$	10,630.86	69	34,513.09
CONSTRUCTION ENERGY COMDS. GRP. INC.	CONS	Economy	101,000		φ	5,372.97	\$	2,391.71	69	7,764.68
EUF I KAUING	EDF	Economy	212,000		φ	6.625.23	\$	2,949.14	⇔	9,574.37
	ENDU	Economy	10,000		\$	310.17	\$	138.06	₩	448.23
ILLINUIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	55,000		↔	3,490.34	\$	2,028.56	ŝ	5.518.90
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	86,000		ŝ	5,450.26	Ś	3,059.29	\$	8,509.55
KANSAS CITY POWEK & LIGHT	KCPL	Economy	37,000		\$	1,368.58	↔	609.21	₩	1.977.79
ENERGY IMBALANCE	IMBL	Economy	105,000		69	3,709.51	↔	1,651.25	69	5,360.76
MEKKLLL LYNCH COMMUDITIES INC.	MLCM	Economy	20,000		\$	552.21	\$	245.81	⇔	798.02
KALINDUW ENEKGY MAKKETING CORP	REMC	Economy	20,000		↔	674.83	\$	300.39	\$	975.22
	TEA	Economy	125,000		\$	3,398.63	\$	1,512.85	\$	4,911.48
I ENASKA POWEK SEKVICES CO.	TPS	Economy	756,000		69	25,354.49	∽	11,286.24	\$	36,640.73
IENNESSEE VALLEY AUTHORITY	TVA	Economy	3,863,000		↔	121,024.04	↔	53,872.32	↔	174,896.36
WESTAK ENEKUY, INC.	WSTR	Economy	177,000		↔	6,127.44	\$	2,727.55	69	8.854.99
LUUISVIILLE GAS & ELECTRIC	LGE	Economy	96,698,000	100 to	Ś	2,878,735.29	ŝ	91.642.65	\$	2,970,377.94
SUBTOTAL			120,266,000	۔ ج	Ş	3,668,986.34	\$	444,967.32	Ş	4,113.953.67
TOTAL SALES			120,266,000	۱ ج ر ہ	\$	3,668,986.34	\$	444,967.32	÷	4,113,953.67

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

Month Ended: July-31-2011

Kentucky Utilities Company

Power Transaction Schedule

	(2514.01) (279.28) (279.28) (279.28) (274.57) (274.57) (274.57) (274.57) (274.57) (274.57) (274.57) (274.57) (274.57) (274.51) (274.51) (271.49) (271.49) (271.49) (271.49)
Total Charges(\$)	47,356,62 348,221,01 14,979,28 28,407,29 11,574,57 13,538,80,58 16,456,59 18,456,59 16,456,59 16,456,59 16,456,59 16,456,59 16,456,59 16,207,96 3,313,18 8,680,07 3,315,514,91 3,215,514,91
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Other Charges(\$)	13.098.54 97,562.90 4,143.17 7,857.25 2,170.62 3,201.45 3,704.75 4,707,66 7,860.63 3,339.51 1,492.20 16,99 4,483.01 16,99 4,483.01 16,99 4,483.01 107,96 2,400.85 85,554.28 263,606.16 263,606.16
	\$\$ 563 \$\$ 263 \$\$
Billing Components Fuel Charges(\$)	34.258.08 250,658.11 10,836.11 20,549.96 5,677.07 8,373.12 9,794.05 5,172.92 8,595.96 8,373.19 3,902.11 456.76 11,724.95 56,792.10 205.22 6,279.22 6,279.22 2,951,908.74
	& &
Demand(\$)	
Q	A
КWH	892,000 7.162,000 591,000 591,000 181,000 270,000 101,000 176,000 176,000 178,000 178,000 178,000 178,000 178,000 178,000 178,000 178,000 177,265,000 85,090,000 87,265,000
Type of Transaction	Economy Economy Economy Economy Economy Economy Economy Economy Economy Economy Economy Economy Economy Economy Economy
	MISO PIM AEP CARG EDF EKPC ENDU IMEA IMEA IMEA IMEA IMEA IMEA TTS TTS TTS TTS TTS TTS TTS TTS TTS TT
Company	MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC. PIM INTERCONNECTION ASSOCIATION AMERICAN ELECTRIC POWER SERVICE CORP. CARGILJ- ALLIANT, I.LC EDF TRADING EDF TRADING EAST KENTUCKY POWER COOPERATIVE EADURG ENERGY ILLINOIS MUNICIPAL ELECTRIC AGENCY RIDIANA MUNICIPAL ELECTRIC AGENCY ILLINOIS MUNICIPAL ELECTRIC AGENCY RANSAS CITY POWER AGENCY RANSAS CITY POWER AGENCY KANSAS CITY POWER AGENCY RANSAS CITY POWER AGENCY RANSAS CITY POWER AGENCY RANSAS CITY POWER AGENCY TENNOS AUTHORITY TENERGY INC. THE ENERGY INC. TEN SERVICES CO. TEN SERVICE CO. THE ENERGY INC. WESTAR ENERGY, INC. UDISVILLE GAS & ELECTRIC SUBTOTAL TOTAL SALES

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

Month Ended: August-31-2011

Kentucky Utilities Company

Power Transaction Schedule

					ш	Billing Components	s			
COMPANY		Type of Transaction	КWH	Demand(\$)		Fuel Charges(\$)		Other Charges(\$)		Total Charges(\$)
<u>SALES</u>							-			
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	126,000		↔	3,800.54	ŝ	1,438.47	\$	5,239.01
AMEKEN ENERGY MARKETING COMPANY	AMEM	Economy	13,000		↔	456.97	Ś	172.95	69	629.92
CARGILL- ALLIAN I, LLC Endrug Entrocy	CARG	Economy	209,000		₩	7,389.20	∽	2,796.73	↔	10,185.93
TI DIVIE SUEKUI	ENDU	Economy	140,000		\$	5,119.31	\$	1,937.62	ь	7,056.93
TLLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	63,000		\$	3.511.02	\$	2,700.38	69	6,211.40
INDIANA MUNICIPAL POWEK AGENCY	IMPA	Economy	179,000		\$	8,471.32	\$9	5,595.82	69	14,067.14
	IMBL	Economy	63,000		\$	2,349.25	69	801.34	69	3,150.59
MULTURES I INDEFENDENT I KANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	49,000		69	1,453.73	\$	550.22	69	2,003.95
	MIA	Economy	3,331,000		\$	110,837.68	\$	42,745.79	⇔	153,583.47
TENASAA FUWEK SEKVICES CU.	SdT	Economy	333,000		69	11.574.43	69	4,380.81	\$	15,955.24
LENNESSEE VALLEY AUTHOKITY	TVA	Economy	322,000		69	9,315.34	69	3,525.77	\$	12,841.11
			1		\$		69	,	ы	
LOUISVILLE GAS & ELECTRIC	LGE	Economy	46,790,000		÷	1,464,299.61	Ş	40,106.38	\$	1,504,405.99
SUBTOTAL			51,618,000	ر ه	ŝ	1,628,578.39	\$	106,752.28	69	1,735,330.68
TOTAL SALES			51,618,000	•	÷	1,628,578.39	\$	106,752.28	÷	1,735,330.68

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

Attachment to Response to Question No. 6 Page 4 of 6 Conroy

Attachment to Response to Question No. 6 Page 5 of 6 Conroy

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

					ī	CULIPTING CULIPUICITIES	21			
		Type of				Fuel		Other		Total
COMPANY		Transaction	KWH	Demand(\$)	បី	Charges(\$)		Charges(\$)	D	Charges(\$)
SALES										
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	15,000		\$	422.97	Ś	172.06	69	595.03
CARGILL- ALLIANT, LLC	CARG	Economy	13,000		θ	369.81	\$	150.43	60	520.24
ENDURE ENERGY	ENDU	Economy	5,000		69	156.24	\$9	63.56	69	219.80
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	26,000		69	1,027.71	69	1.620.80	↔	2,648.51
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	35,000		\$	1,240.00	69	2,285.38	Ь	3,525.38
KANSAS CITY POWER & LIGHT	KCPL	Economy	1,000		69	29.97	69	12.19	so	42.16
ENEKGY IMBALANCE	IMBL	Economy	1,000		\$	43.14	69	17.55	Ś	60.69
MERKILL LYNCH COMMODITIES INC.	MLCM	Economy	1,000		Ь	39.01	69	15.87	69	54.88
MILD WEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	OSIM	Economy	7,000		\$	175.39	69	71.34	69	246.73
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	203,000		ŝ	5,747.52	\$	2,323.01	64	8.070.53
THE ENERGY AUTHORITY	TEA	Economy	12,000		⇔	350.68	69	142.65	69	493.33
TENASKA POWER SERVICES CO.	TPS	Economy	31,000		⇔	843.64	69	343.18	\$	1,186.82
TENNESSEE VALLEY AUTHORITY	TVA	Economy	33,000		\$	940.97	60	382.78	\$	1,323.75
WESTAR ENERGY, INC.	WSTR	Economy	1,000		⇔	45.37	69	18.45	\$	63.82
MISCELLANEOUS			,		\$	•	∽	,	₩	1
LOUISVILLE GAS & ELECTRIC	LGE	Economy	90,092,000		\$ 2	2,323,327.25	\$	121,331.57	\$	2,444,658.82
SUBTOTAL			90,476,000	- *	\$	2,334,759.67	\$	128,950.82	64	2,463,710.49
TOTAL SALES			90,476,000	•	\$	2,334,759.67	\$	128,950.82	6 6	2,463,710.49

Kentucky Utilities Company

Power Transaction Schedule

Billing Components Fuel

Month Ended: September-30-2011

Unlities Company

Attachment to Response to Question No. 6 Page 6 of 6 Conroy

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

					Bi	Billing Components	6			
COMPANY		Type of Transaction	KWH	Demand(\$)		Fuel Charges(\$)		Other Charges(\$)		Total Charges(\$)
SALES										
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	6,000		\$	158.89	ŝ	64.23	ф	223.12
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	618,000		ŝ	16,709.10	ŝ	6,686.16	\$	23,395.26
	CARG	Economy	778,000		64	21,109.95	\$	8,447.17	69	29,557.12
EAST NENTUCKT FUWER COUPERATIVE	EKPC	Economy	965,000		69	26,695.15	\$	10,682.08	69	37,377.23
ENDUKE ENEKUT	ENDU	Economy	268,000		↔	7,778.86	\$	3,112.71	↔	10,891.57
ILLERVOIS MUTNET AL ELECTRIC AGENCY	IMEA	Economy	8,000		69	333.24	\$	193.84	69	527.08
ENERGY BAD ALLYOWEK AGENCY	IMPA	Economy	9,000		↔	430.49	↔	174.02	∽	604.51
	IMBL	Economy	40,000		↔	1,148.70	69	442.77	69	1,591.47
MIDUEST MIDUEST MINEDENTIFICATION AND AND AND AND AND AND AND AND AND AN	MLCM	Economy	12,000		64	346.02	69	139.87	69	485.89
MIL WEST INDEFENDENT I KANSIMISSION SYSTEM OPERATOR, INC.	OSIM	Economy	845,000		\$	22,438.46	69	8,978.76	69	31,417.22
DIM INTERPONDER MUNICITAL UTILITES	OMU	Economy	37,000		↔	1,026.65	69	415.01	69	1,441.66
P A TATA CANNEL LION ASSOCIATION	ML	Economy	24,214,000		↔	662,621.61	\$ 26	265,148.46	₩	927,770.07
	REMC	Economy	12,000		\$	346.02	\$	139.87	69	485.89
THE ENERGY AUTHORITY TENA 677 A DOMPED ADDRESS CO	TEA	Economy	212,000		ы	5,949.73	Ş	2,380.78	69	8,330.51
TENNERGEE VALLEN SEKVICES CO.	SdT	Economy	1,033,000		69	27,539.23	\$	11,019.84	69	38,559.07
VERTAINED SEE VALLEI AUTHORUIY	TVA	Economy	163,000		69	4,167.22	69	1,684.53	\$	5,851.75
WESTAK ENERUT, INC.	WSTR	Economy	87,000		↔	2,731.49	\$	1,104.17	60	3,835.66
					\$,	69	·	69	,
TOUIS VILLE GAS & ELECIRIC	LGE	Economy	160,377,000		\$	4,018,619.00	\$ 2]	217,104.75	ŝ	4,235,723.75
SUBTOTAL			189,684,000	۰ ب	s	4,820,149.81	\$ 53	537,919.02	Ş	5,358,068.83
TOTAL SALES			189,684,000	۰ ج	÷	4,820,149.81	\$ 2	537,919.02	69	5,358,068.83

Kentucky Utilities Company

Power Transaction Schedule

Month Ended: October-31-2011

Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

Question No. 7

Witness: David L. Tummonds

- Q-7. List KU's scheduled, actual, and forced outages from May 1, 2011 and October 31, 2011.
- A-7. Please see the attached sheets.

May 2011 through October 2011	n trrougri c								
			MAINTENANCE						
MONTH	Щ	Scheduled FROM	TO	Actual FROM	TO	Scheduled	HOUHS OF DUHATION	lal	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
May	ш			5/5/2011 22:08	5/6/2011 15:30		17:22		Turbine reheat stop valve.
	S	5/7/2011 6:45	5/8/2011 4:35	5/7/2011 6:45	5/8/2011 4:35	21:50		21:50	Replacement of 1D fan discharge expansion joint.
	ш			5/9/2011 15:47	5/9/2011 22:03		6:16		Electronic overspeed trip device probes.
ոսի	S	6/17/2011 19:37	6/19/2011 16:49	6/17/2011 19:37	6/19/2011 16:49	45:12		45:12	Heater head leak.
Jul	No O(No Outages > or = 6 Hours							
Aug	No Ol	No Outages > or = 6 Hours							
Sep	No Ot	No Outages > or = 6 Hours							
Oct	ш			10/12/2011 10:31 10/19/2011 23:10	10/19/2011 23:10		180:39		Turbine bearing vibration.
	S	10/20/2011 9:00	10/20/2011 17:00	10/20/2011 9:00	10/20/2011 9:00 10/20/2011 17:00	8:00		8:00	Particulate testing.

Kentucky Utilities Company E. W. Brown Unit 1 - Coal - 106 MW In-service May 1957 May 2011 through October 2011 Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 1 of 20 Tummonds

MAIN I ENANCE					
Η	Actual FROM	TO	HOURS OF DURATION Scheduled Forced Act	لم ا	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
5/7/2011 19:30	5/6/2011 20:55	5/7/2011 19:30	22:35	22:35	Prepare new auxiliary transformer for service.
	5/7/2011 19:30	5/8/2011 7:17	11:47		Auxiliary transformer extended maintenance.
	5/8/2011 8:31	5/8/2011 17:10	8:39		Auxiliary transformer wining.
	5/16/2011 21:06	5/17/2011 10:09	13:03		Feedwater piping leak.
	6/8/2011 12:45	6/8/2011 19:31	6:46		Auxiliary transformer oil leak.
	7/20/2011 6:52	7/20/2011 13:03	6:11		DCS system communication.
	7/22/2011 4:33	7/22/2011 13:54	9:21		DCS system communication.
	7/24/2011 8:37	7/24/2011 15:15	6:38		Feedwater pump drive motor.
	7/24/2011 16:01	7/25/2011 17:25	25:24		Auxiliaries bus fault.
	7/25/2011 17:25	7/28/2011 8:06	62:41		Main steam safety valve steam leak.
	7/28/2011 8:06	7/28/2011 14:12	6:06		Burner management system.
	9/30/2011 5:30		0:00	18:30	Minor boiler overhaul.
			744:00	744:00	-

Kentucky Utilities Company E. W. Brown Unit 2 - Coal - 166 MW In-service June 1963 May 2011 through October 2011 Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 2 of 20 Tummonds

Schedule vs. Actual		
Kentucky Utilities Company E. W. Brown Unit 3 - Coal - 412 MW In-service July 1971 May 2011 through October 2011	MAINTENANCE	
Kentuck E. W. B In-servic May 20		

	EASON FOR											
	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	FORCED OUTAGE AS APPROPRIATE					Installation of SO3 mitigation injection ports in duct work.	Induced draft fan motor leads.	Igniter system.	First superheater leak.	First superheater leak.	Boiler circulation pump.
	JRATION	d Actual					25:38		~			24:30
	HOURS OF DURATION	lied Forced					8	29:39	10:23	82:54	40:13	0
	Ŧ	Scheduled					8 25:38	0	0	-	F	0 24:30
		TO					9/23/2011 7:08	9/27/2011 21:3	10/11/2011 20:0	10/16/2011 9:2	10/18/2011 5:3	10/23/2011 6:3
	Actual	FROM					9/22/2011 5:30	9/26/2011 15:51 9/27/2011 21:30	10/11/2011 9:37 10/11/2011 20:00	10/12/2011 22:27 10/16/2011 9:21	10/16/2011 13:18 10/18/2011 5:31	10/22/2011 6:00 10/23/2011 6:30
IANCE							9/23/2011 7:08			-	+-	10/23/2011 6:30
MAINTENANCE		TO					9/23/20					10/23/20
	Scheduled	_	No Outages > or = 6 Hours	9/22/2011 5:30					10/22/2011 6:00			
		FROM	No Outage	No Outage	No Outage	No Outage	S	Ш.,	LL.	LL.	LL.	S
		MONTH	May	ղոր	Jul	Aug	Sep		Oct			

		MAINTENANCE				
	Scheduled		Actual		HOURS OF DURATION	
MONTH	FROM	ТО	FROM	TO	Scheduled Forced A	Actual FORCED OUTAGE AS APPROPRIATE
May	LL.		5/13/2011 20:23	5/15/2011 3:23	31:00	Boiler tube waterwall leak.
nur	щ		6/12/2011 9:33	6/13/2011 9:38	24:05	Boiler tube waterwall leak.
Jul	No Outages > or = 6 Hours	Ś				
Aug	S 8/11/2011 22:54	22:54 8/15/2011 0:08	8/11/2011 22:54	8/15/2011 0:08	73:14 7	73:14 Air heater fouling.
Sep	No Outages > or = 6 Hours	ý				
Oct	u.		10/12/2011 8:26	10/12/2011 8:26 10/14/2011 17:30	57:04	Boiler tube waterwall leak.
	Ľ.		10/14/2011 17:30 10/16/2011 18:29	10/16/2011 18:29	48:59	Safety valve.
	ported defends in order to cond	Banot datas of forced outgate in columns headed Actual				Attachment to Response to Question No. 7 Page 4 of 20 Tummonds

Kentucky Utilities Company Ghent Unit 1 - Coal - 479 MW In-service February 1974 May 2011 through October 2011

Report dates of forced outage in columns headed Actual

Tummonds

Kentucky Utilities Company Ghent Unit 2 - Coal - 495 MW In-service April 1977 May 2011 through October 2011

Schedule vs. Actual

MAINTENANCE

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE	175:58 Minor turbine overhaul.				Air heater.	
<u>n</u>	175:58				69:58	
HOURS OF DURATION eduled Forced Actu						
HOURS Scheduled	375:00				69:58	
TO	5/29/2011 6:47				9/26/2011 20:01	
Actual FROM	5/21/2011 22:49				9/23/2011 22:03	
	6/5/2011 15:00				9/26/2011 20:01	
Scheduled A	5/21/2011 0:00	No Outages > or = 6 Hours	No Outages > or = 6 Hours	No Outages > or = 6 Hours	9/23/2011 22:03	No Outages > or = 6 Hours
Sc FROM	S	No Outages :	No Outages :	No Outages :	S	No Outages :
MONTH	May	Jun	lul	Aug	Sep	Oct

Kentucky Utilities Con Ghent Unit 3 - Coal - 4 In-service May 1981 May 2011 through Oc	Kentucky Utilities Company Ghent Unit 3 - Coal - 489 MW In-service May 1981 May 2011 through October 2011					Schedule vs. Actual	
			MAINTENANCE				
	Scheduled			Actual		HOURS OF DURATION REASON	REASON
MONTH	FROM		TO	FROM	TO	Scheduled Forced Acti	Actual FORCED
May	S	Ť	5/15/2011 15:00		5/12/2011 5:18 351:00		269:18 Major turb
		10 ⁻ 2					T. COS

		Actual FORCED OUTAGE AS APPROPRIATE	269:18 Major turbine overhaul.	6:33 Turbine vibration.	Turbine bearings.	Induced draft fan lubrication system.	20:02 Boiler tube waterwall leak.	Economizer leak.	22:07 Boiler tube waterwall leak.	Turbine trip device.	
		Scheduled Forced	00	8	20:39	17:35	N	64:49	7	8:25	
-	Ĭ	Schedu	351:00	6:33	_		20:02		22:07		
		TO	5/12/2011 5:18	5/12/2011 11:57	6/21/2011 0:09	6/21/2011 17:44	7/16/2011 18:17	8/21/2011 22:22	9/7/2011 8:24	9/19/2011 5:18	
	Actual	FROM		5/12/2011 5:24	6/20/2011 3:30	6/21/2011 0:09	7/15/2011 22:15	8/19/2011 5:33	9/6/2011 10:17	9/18/2011 20:53	
MAIN I ENANCE		TO	5/15/2011 15:00	5/12/2011 11:57			7/16/2011 18:17		9/7/2011 8:24		
	scheduled	FROM		5/12/2011 5:24			7/15/2011 22:15		9/6/2011 10:17		
		HLV	S	S	ш	LL.	S	ш	S	u.	

Oct No Outages > or = 6 Hours

Aug Sep

Jul

որ

Attachment to Response to Question No. 7 Page 6 of 20 Tummonds

Report dates of forced outage in columns headed Actual

MONTH EROM Aay F F S 5/14/2011 F UN Outages > or = 6 Hours UI No Outages > or = 6 Hours		MAINTENANCE						
F S No Outages > or No Outages > or		TO	FROM	TO	Scheduled Scheduled	duled Forced Act	lar	HEASON FOH DEVIATION FHOM SCHEUULED MAINTENANCE ON REASON FON FORCED OUTAGE AS APPROPRIATE
No Outages > or No Outages > or			5/4/2011 23:25	011 18:01			1	Feedwater valve.
No Outages > or No Outages > or			5/12/2011 6:54	5/13/2011 14:15		31:21	Ľ	First superheater leak.
	5/14/2011 0:00	5/22/2011 15:00	5/13/2011 14:15	5/21/2011 19:15	207:00	*-	197:00 Ai	Air heater.
No Outages > or = 6 Ho No Outages > or = 6 Hc			5/30/2011 0:41	5/30/2011 22:04		21:23	Ĩ	Turbine overspeed trip test.
No Outages > or = 6 Hc	ours							
	ours							
No Outages > or = 6 Hours	ours							
S 9/8/201	9/8/2011 17:44	9/11/2011 12:53	9/8/2011 17:44	9/8/2011 17:44 9/11/2011 12:53	60:79	-	67:09 Ai	Air heater fouling.
S 9/30/201	9/30/2011 20:14		9/30/2011 20:14		3:46		3:46 In	Induced draft fan lubrication system leak.
S	Î	10/1/2011 17:55	Î	10/1/2011 17:55	17:55		17:55	• • •

Kentucky Utilities Company Ghent Unit 4 - Coal - 469 MW In-service August 1984 May 2011 through October 2011 Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 7 of 20 Tummonds

Scheduled Actual HOURS OF DULATION REASON FOR DEVIATION FFOM SCHEDULED MAINTENANCE OR REASON FOR Scheduled Scheduled From Actual FOOR OF DEVIATION FFOM SCHEDULED MAINTENANCE OR REASON FOR Scheduled Scheduled From Reason For Scheduled Reason
NTH FROM TO TO Scheduled Forced Actual S 5/6/2011 20:38 5/8/2011 5:10 5/8/2011 5:10 5/8/2011 5:10 32:32 32:32 F 5/24/2011 20:38 5/8/2011 16:18 5/24/2011 20:33 5/8/2011 20:33 7/16 32:32 F 5/24/2011 16:18 5/24/2011 16:18 5/24/2011 20:33 5/29/2011 16:33 7/16 37:29 F 5/28/2011 16:19 5/28/2011 16:18 5/28/2011 16:12 5/28/2011 16:12 7/16 7/16 F 7/8/2011 21:47 7/10/2011 15:23 7/8/2011 11:52 7/8/2011 11:52 41:36 41:36 No Outages > or = 6 Hours 7/10/2011 15:23 7/8/2011 21:47 7/10/2011 15:23 41:36 41:36 S 9/22/2011 6:00 9/22/2011 6:00 9/22/2011 6:00 8:00 8:00 8:00 F 10/12/2011 10:10 10/12/2011 10:10 10/12/2011 11:30 8:00 8:00
5 5/6/2011 20:38 5/6/2011 50:38 5/6/2011 51:10 32:32 32:32 7 5 5/24/2011 16:18 5/24/2011 16:18 77:16 77:16 7 5 5/28/2011 31:30 5/29/2011 16:59 77:16 77:36 7 5 5/28/2011 31:30 5/29/2011 16:59 77:36 77:36 7 7 5/28/2011 31:30 5/29/2011 16:50 6/6/2011 116:51 77:35 7 7 7/10/2011 15:23 7/10/2011 15:23 41:36 41:36 7 7 7/10/2011 15:23 7/10/2011 15:23 41:36 41:36 7 7 7/10/2011 15:23 7/10/2011 15:23 41:36 41:36 7 7 7 7 7 7 7 7 7 7 7 7 7 41:36 7 7 7 7 7 7 7 7 8 7 7 7 7 7 7 7 7 9 7 7 7 7 7 7 7
F 5/24/2011 16:16 5/24/2011 23:34 7:16 F 5/28/2011 3:30 5/29/2011 16:59 37:29 F 6/6/2011 10:56 6/6/2011 16:50 37:29 S 7/10/2011 15:23 7/10/2011 15:23 41:36 No Outages > or = 6 Hours 7/10/2011 15:23 41:36 41:36 S 9/22/2011 6:00 9/22/2011 6:00 9/22/2011 16:00 8:00 F 10/12/2011 10:10 9/22/2011 16:00 9/22/2011 16:00 8:00 8:00 F 10/12/2011 10:10 10/12/2011 10:10 10/12/2011 10:10 10/12/2011 17:30 10/12/2011 10:10
F 5/28/2011 3:30 5/29/2011 16:59 37:29 F 6/6/2011 10:56 6/6/2011 18:31 7:35 S 7/8/2011 21:47 7/10/2011 15:23 41:36 No Outages > or = 6 Hours 7/10/2011 15:23 7/8/2011 15:23 41:36 S 9/22/2011 6:00 9/22/2011 4:00 9/22/2011 4:00 8:00 F 10/12/2011 10:10 9/22/2011 4:00 9/22/2011 4:00 8:00 8:00
F 6/6/2011 10:56 6/6/2011 18:31 7:35 S 7/8/2011 21:47 7/10/2011 15:23 41:36 41:36 No Outages > or = 6 Hours 7/10/2011 14:00 9/22/2011 6:00 9/22/2011 14:00 8:00 F 10/12/2011 10:10 9/22/2011 14:00 9/22/2011 14:00 7/21/2011 11:00 8:00 F 10/12/2011 10:10 10/12/2011 10:10 10/12/2011 11:01 10/12/2011 11:01 8:00
S 7/8/2011 21:47 7/10/2011 15:23 41:36 41:36 41:36 No Outages > or = 6 Hours No Outages > or = 6 Hours 9/22/2011 14:00 9/22/2011 14:00 8:00 8:00 F 10/12/2011 10:10 0/12/2011 10:10 0/12/2011 17:30 7:20 7:20
No Outages > or = 6 Hours 9/22/2011 14:00 9/22/2011 14:00 8:00 8:00 8:00 10/12/2011 10:10 10/12/2011 17:30 7:20
S 9/22/2011 6:00 9/22/2011 14:00 9/22/2011 6:00 9/22/2011 14:00 8:00 8:00 8:00 F 7:20
F 10/12/2011 10:10 10/12/2011 17:30 7:20

Kentucky Utilities Company Green River Unit 3 - Coal - 68 MW In-service April 1954 May 2011 through October 2011

Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 8 of 20 Tummonds

5/22/2011 19:22 519:00 5:23:22 Minor turbine overhaut. 6/15/2011 19:16 20:44 Electrostatic precipitator. 7/12/2011 1:50 2:53 Second superheater leak. 7/12/2011 1:50 2:53 Second superheater leak. 7/19/2011 1:73 2:53 Second superheater leak. 7/19/2011 1:73 2:53 Second superheater leak. 7/19/2011 2:12 2:53 Second superheater leak. 8/1/2011 2:12 2:12 2:14 8/1/2011 2:12 5:12 a. a. 8/4/2011 2:13 2:12 a. a. 8/4/2011 2:13 2:13 2:14 9/1/2013 3:13 2:13 2:14 9/1/2013 4:11 2:14 a. a. 9/1/2011 5:12 2:14	MAIN I ENANCE Actual CO FROM
20:44 20:44 2:53 2:53 2:53 2:53 2:550 2:5:00 33:21 23:32 2:12 22:00 60:28 22:00 5:12 23:33 2:12 23:33 60:28 23:40 21:26 23:55 28:27 28:27 28:27 28:27 38:18 27:55 38:11 38:11 38:11 38:11	
2:53 25:50 23:32 23:32 23:32 22:00 60:28 60:28 5:12 5:12 5:12 5:12 50:55 50:55 28:27 84:58 84:58 84:58 27:55 27:55 27:55 21:46 21:46 21:46 21:45 27:55 23:31	6/14/2011 22:32
23:32 23:32 33:21 22:00 60:28 5:12 29:40 29:40 29:40 29:40 29:40 20:55 2	6/30/2011 21:07
23:32 23:32 33:21 22:00 60:28 5:12 29:40 5:12 50:55 50:55 84:58 84:58 84:58 27:557 27:55 2	Î
33:21 22:00 60:28 5:12 29:40 50:55 50:55 84:58 84:58 27:55 57:55 57:57 57:55 5	7/15/2011 22:45
22:00 60:28 5:12 29:40 50:55 50:55 84:58 84:58 84:58 27:55 28:27 2	7/18/2011 8:17
60:28 5:12 29:40 20:55 50:55 84:58 84:58 27:58 27:58 27:55 27:55 38:11 38:11	7/19/2011 22:33
5:12 29:40 29:40 50:55 50:55 84:58 84:58 27:55 27:55 27:55 27:55 38:11 38:11	7/29/2011 11:32
29:40 50:55 50:55 84:58 84:58 27:58 27:58 27:55 21:46 38:11 38:11	Î
50:55 28:27 84:58 27:55 27:55 27:55 21:46 38:11 38:11	8/3/2011 15:26
28:27 28:27 84:58 27:56 27:55 27:55 21:46 38:11 38:11	8/7/2011 17:13
84:58 27:55 27:55 21:46 38:11 38:11	8/12/2011 22:46
27:58 27:55 21:46 38:11 54:17	8/28/2011 11:02
27:55 21:46 38:11 54:17	Î
21:46 38:11 54:17	9/8/2011 2:42
38:11 54:17	9/28/2011 20:35
54:17	10/17/2011 16:59
	10/26/2011 1:26

Kentucky Utilities Company Green River Unit 4 - Coal - 95 MW In-service July 1959 May 2011 through October 2011 Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 9 of 20 Tummonds
Kentucky Utilities Company Tyrone Unit 3 - Coal - 71 MW In-service July 1953 May 2011 through October 2011

Schedule vs. Actual

		MAINTENANCE				
	Scheduled		Actual		HOURS OF DURATION	HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR
MONTH	FROM	TO	FROM	TO	Scheduled Forced Actual	Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE
May	No Outages > or = 6 Hours					
որ	No Outages > or = 6 Hours					
Jul	No Outages > or = 6 Hours					
Aug	No Outages > or = 6 Hours					
Sep	No Outages > or = 6 Hours					
Oct	No Outages > or = 6 Hours					

*TY3 on Inactive Reserve

Kentucky Utilities Company E. W. Brown 5 - Gas CT - 112 MW In-service June 2001 May 2011 through October 2011

Schedule vs. Actual

Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 11 of 20 Tummonds

Kentucky Utilities Company E. W. Brown 6 - Gas CT - 146 MW In-service August 1999 May 2011 through October 2011

Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 12 of 20 Tummonds

MOUTHMAINTENANCE <th>HTH</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	HTH							
Scheduled Actual HOURS OF DURATION NIH FROM TO Scheduled FOURS OF DURATION No Outages > or = 6 Hours No Outages > or = 6 Hours 6/1/2011 13:52 6/1/2011 20:10 Scheduled Foroal Actual F 6/1/2011 10:23 6/1/2011 10:23 6/1/2011 10:23 28:23 28:23 F 7/11/2011 10:23 6/1/2011 10:26 7/12/2011 10:26 20:50 28:23 F 7/11/2011 10:26 7/13/2011 10:26 7/13/2011 11:57 7/13/2011 11:57 20:50 F 8/10/2011 6:10 8/10/2011 13:57 8/10/2011 13:57 7/13/2011 11:57 20:50 S 8/10/2011 6:10 8/10/2011 13:57 8/10/2011 13:50 8/10/2011 13:50 6:50 6:50	HINO		MAINTENANCE					
No Outages > or = 6 Hours 6/1/2011 13:52 6/1/2011 20:10 6:18 F 6/1/2011 10:23 6/1/2011 10:23 8:19 S 6/16/2011 6:00 6/17/2011 10:23 28:23 F 7/11/2011 13:36 7/12/2011 10:26 20:50 F 7/12/2011 15:57 7/13/2011 11:57 20:00 S 8/10/2011 6:10 8/10/2011 16:10 8/10/2011 16:10 S 9/27/2011 13:07 8/10/2011 13:07 8/10/2011 13:07	ц.	Scheduled FROM	TO	Actual FROM		HOURS OF	DURATION ced Actual	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE
F 6/1/2011 13:52 6/1/2011 20:10 6:18 S 6/16/2011 6:00 6/17/2011 10:23 6:19 28:23 F 7/11/2011 13:36 7/12/2011 10:26 20:50 28:23 F 7/11/2011 13:36 7/12/2011 10:26 20:50 28:23 F 7/12/2011 13:36 7/12/2011 11:37 28:23 28:23 S 8/10/2011 6:10 8/10/2011 15:57 7/12/2011 11:57 20:00 S 8/10/2011 6:10 8/10/2011 6:10 8/10/2011 13:10 8/10/2011 13:10 8/10/2011 13:00 S 9/27/2011 5:07 9/27/2011 13:17 9/27/2011 13:47 9/27/2011 13:47 8/10		Outages > or = 6 Hours						
S 6/16/2011 6:00 6/17/2011 10:23 6/16/2011 10:23 28:23 28:23 F 7/11/2011 13:36 7/11/2011 13:36 7/12/2011 10:26 20:50 F 7/11/2011 15:57 7/13/2011 11:57 7/13/2011 11:57 20:00 S 8/10/2011 6:10 8/10/2011 6:10 8/10/2011 13:07 8/10/2011 13:07 6:50 S 9/27/2011 13:47 9/27/2011 13:47 9/27/2011 13:47 8:40 8:40				6/1/2011 13:52	6/1/2011 20:10	.9	18	High engine exhaust temperature.
F 7/11/201113:36 7/12/201110:26 20:50 F 7/12/201115:57 7/13/201111:57 20:00 S 8/10/20116:10 8/10/20116:10 8/10/201113:00 6:50 S 9/27/20115:07 9/27/20115:07 9/27/20113:47 8:40 8:40	S	6/16/2011 6:00	6/17/2011 10:23	6/16/2011 6:00	6/17/2011 10:23	28:23	28:23	
F 7/12/2011 15:57 7/13/2011 11:57 20:00 S 8/10/2011 6:10 8/10/2011 13:00 8/10/2011 13:00 6:50 6:50 S 9/27/2011 5:07 9/27/2011 13:47 9/27/2011 13:47 8:40 8:40	щ			7/11/2011 13:36	7/12/2011 10:26	20	:50	High engine exhaust temperature.
S 8/10/2011 6:10 8/10/2011 13:00 8/10/2011 13:00 6:50 6:27/2011 13:47 8:40 8:4	ЦL.			7/12/2011 15:57	7/13/2011 11:57	20	00:	High engine exhaust temperature.
S 9/27/2011 5:07 9/27/2011 13:47 9/27/2011 5:07 9/27/2011 13:47 8:40		8/10/2011 6:10	8/10/2011 13:00	8/10/2011 6:10	8/10/2011 13:00	6:50	6:50	Purge valve replacement.
		9/27/2011 5:07	9/27/2011 13:47	9/27/2011 5:07	9/27/2011 13:47	8:40	8:40	Purge header replacement.
Oct S 10/29/2011 0:00 10/28/2011 5:00 72:00 91:00 General unit inspection.						00.04	91.00	

Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 13 of 20 Tummonds

Kentucky Utilities Company E. W. Brown 8 - Gas CT - 102 MW In-service February 1995 May 2011 through October 2011

Schedule vs. Actual

	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	I FORCED OUTAGE AS APPROPRIATE	
		Actual	
	HOURS OF DURATION	Scheduled Forced	
		TO	
	Actual	FROM	
MAINTENANCE		TO	
	Scheduled	FROM	No Outages > or = 6 Hours
		MONTH	May

٦

No Outages > or = 6 Hours nn No Outages > or = 6 Hours ٩

No Outages > or = 6 Hours Aug No Outages > or = 6 Hours Sep

No Outages > or = 6 Hours Oct

Kentucky Utilities Company E. W. Brown 9 - Gas CT - 102 MW In-service January 1995 May 2011 through October 2011

Schedule vs. Actual

	FORCED OUTAGE AS APPROPRIATE	Control system.											
NOITVALIA 20 SALION	Scheduled Forced Actual	39:18											
	TO	5/18/2011 10:15											
	FROM FROM	5/16/2011 18:57											
INIAIIN I EINAINUE	TO												
Schodidod	FROM		No Outages > or = 6 Hours										
	MONTH	May F	Jun	Jul	Aug	Sep	Oct						

Report dates of forced outage in columns headed Actual

Kentucky Utilities Company

Schedule vs. Actual

E. W. Brown 10 - Gas CT - 102 MW	In-service December 1995	May 2011 through October 2011	

Kentucky Utilities Company	In-service May 1996
E. W. Brown 11 - Gas CT - 102 MW	May 2011 through October 2011
Kentuci	In-servi
E. W. E	May 20

E. W. Brown 11 - Gas CT - 102 MW	n-service May 1996	May 2011 through October 2011	

	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	FORCED OUTAGE AS APPROPRIATE					Exhaust probe replacement.								
	ATION	Forced Actual					7:04								
	HOURS OF	Scheduled Fo					7:04								
		T0					8/22/2011 13:04								
	Actual	FROM					8/22/2011 6:00 8/22/2011 13:04								
MAINTENANCE		10					8/22/2011 13:04								
	cheduled		er er filoree	No Oulages > of = 0 hours	No Outages > or = 6 Hours	No Outages > or = 6 Hours	8/22/2011 6:00	No Outages > or = 6 Hours	No Outages > or = 6 Hours						
		FROM	No Ottomore	No Oulage	No Outage:	No Outage:	s	No Outage:	No Outages						
		MONTH		way	Jun	١n٢	Aug	Sep	Oct						

,		HEASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OF HEASON FOR FORCED OUTAGE AS APPROPRIATE			Lube oil line.			Switchyard circuit breakers.	 Control system upgrades.
		lai						55:05 S	474:00 C
		HOURS OF DURATION eduled Forced Actu			45:15				
	(HOUR: Scheduled						55:05	576:00
		TO			7/13/2011 9:47			10/5/2011 15:40	Î
		Actual FROM			7/11/2011 12:32			10/3/2011 8:35	10/12/2011 6:00
	MAINTENANCE	TO						10/5/2011 15:40	
		Scheduled	or = 6 Hours	· or = 6 Hours		· or = 6 Hours	· or = 6 Hours	10/3/2011 8:35	10/8/2011 0:00
May 2011 through October 2011		FROM	No Outages > or = 6 Hours	No Outages > or = 6 Hours	ĽL.	No Outages > or = 6 Hours	No Outages > or = 6 Hours	S	S
May 2011 th		MONTH	May	Jun	Jul	Aug	Sep	Oct	

Report dates of forced outage in columns headed Actual

Page 18 of 20 Tummonds

Kentucky Utilities Company Haefling 2 - Gas CT - 12 MW In-service October 1970 May 2011 through October 2011 Attachment to Response to Question No. 7 Page 19 of 20 Tummonds

Report dates of forced outage in columns headed Actual

Attachment to Response to Question No. 7 Page 20 of 20 Tummonds

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KENTUCKY UTILITIES COMPANY

Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

Case No. 2011-00484

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. Please see attached Sheets.

Attachment to Response to Question No. 8 Page 1 of 21 Dotson

A. NAME/ADDRESS:	Alliance Coal, LLC / J09002 1717 South Boulder Av., Suite 400 Tulsa, Oklahoma 74119-4886
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	River View Coal, LLC River View Mine 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, effective May 1, 2010 amending Barge Delivery and adding Barge Shifting Fee.
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:	LG&EKU2010525,414 tons443,658 tons20111,103,430 tons532,783 tons(through 10/31/11)532,783 tons
H. PERCENT OF ANNUAL REQUIREMENTS:	2010 100% 2011 82% (through 10/31/11)
I. BASE PRICE (FOB Barge):	April 1, 2008 \$41.00 per ton
J. ESCALATIONS TO DATE:	\$7.92 per ton
K. CURRENT CONTRACT PRICE:	\$48.92 per ton

A.	NAME/ADDRESS:	Armstrong Coal Company, Inc / J07032 407 Brown Road Madisonville, Kentucky 42431
B.	PRODUCTION FACILITY: OPERATOR MINES LOCATION	Armstrong Coal Company, Inc Various Muhlenberg County and Ohio County, Kentucky
C.	CONTRACT EXECUTED DATE:	December 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:	2008600,000 tons20092,200,000 tons20101,800,000 tons2011through 2015 - 2,100,000 tons per year2016900,000 tons
G.	ACTUAL TONNAGE: RECEIVED:	LG&EKU2008511,414 tons82,623 tons20091,530,482 tons632,077 tons20101,180,206 tons657,930 tons2011855,731 tons832,385 tons(through 10/31/11)711
H.	PERCENT OF ANNUAL REQUIREMENTS:	200899%200998%2010102%201180% (through 10/31/11)
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
TO DATE:	\$1.32	per ton
NTRACT PRICE		Quality 1 - \$29.51 per ton

J. ESCALATIONS

K. CURRENT CONTRACT PRICE: Quality 1 - \$29.51 per ton

Armstrong Coal Company, Inc / J10009 A. NAME/ADDRESS: 407 Brown Road Madisonville, Kentucky 42431 **B. PRODUCTION FACILITY:** Armstrong Coal Company, Inc **OPERATOR** Various MINES Muhlenberg County and Ohio County, LOCATION Kentucky December 22, 2009 C. CONTRACT EXECUTED DATE: January 1, 2011 - December 31, 2016 D. CONTRACT DURATION: **E. CONTRACT AMENDMENTS:** None 1,250,000 tons 2011 F. ANNUAL TONNAGE 2012 1,250,000 tons **REQUIREMENTS:** 2013 1,250,000 tons 750,000 tons 2014 750,000 tons 2015 750,000 tons 2016 LG&E KU G. ACTUAL TONNAGE: 459,516 tons 527,244 tons 2011 **RECEIVED:** (through 10/31/11) 79% (through 10/31/11) 2011 H. PERCENT OF ANNUAL **REQUIREMENTS:** \$42.00 per ton I. BASE PRICE (FOB Barge) 2011 \$43.50 per ton 2012 2013 \$45.00 per ton \$3.50 per ton J. ESCALATIONS TO DATE: K. CURRENT CONTRACT PRICE: \$45.50 per ton

A. NAME/ADDRESS:	Armstrong Coal Company, Inc / K11002 407 Brown Road Madisonville, Kentucky 42431
B. PRODUCTION FACILITY: OPERATOR MINES LOCATION	Armstrong Coal Company, Inc Various Muhlenberg County and Ohio County, Kentucky
C. CONTRACT EXECUTED DATE:	July 27, 2010
D. CONTRACT DURATION:	January 1, 2011 - December 31, 2013
E. CONTRACT AMENDMENTS:	None
F. ANNUAL TONNAGE REQUIREMENTS:	2011150,000 tons2012200,000 tons2013200,000 tons
G. ACTUAL TONNAGE: RECEIVED:	<u>KU</u> 2011 129,689 tons (through 10/31/11)
H. PERCENT OF ANNUAL REQUIREMENTS:	2011 86% (through 10/31/11)
I. BASE PRICE (FOB Plant)	2011\$56.00 per ton2012\$57.00 per ton2013\$59.25 per ton
J. ESCALATIONS TO DATE:	\$0.53 per ton
K. CURRENT CONTRACT PRICE:	\$56.53 per ton

A. NAME/ADDRESS:

B. PRODUCTION FACILITY: OPERATOR MINE LOCATION

OPERATOR MINE LOCATION

C. CONTRACT EXECUTED DATE:

D. CONTRACT DURATION:

E. CONTRACT AMENDMENTS:

F. ANNUAL TONNAGE REQUIREMENTS:

COALSALES, LLC / KUF06118-LGE06012-J07005-J07006 701 Market Street St. Louis, Missouri 63101

Patriot Coal and Ohio Coal Patriot and Freedom Mines Henderson County, Kentucky

Black Beauty Coal Company Somerville Mine Gibson County, Indiana

May 23, 2006

April 1, 2006 – December 31, 2011

Amendment No. 1 effective September 1, 2006. Amending payment procedures. Amendment No. 2 effective November 20, 2006, adding coal synfuel. Amendment No. 3 effective March 1, 2007. Amending payment calculation. Amendment No.4 effective July 1, 2007 adding tonnage to year 2007. Amendment No.5 effective January 1, 2008 amending term, tonnage and price. Amendment No. 6 effective January 1, 2009 amending term, tonnage and price

2006937,500 tons20072,000,000 tons20081,400,000 tons20091,000,000 tons20101,000,000 tons20111,000,000 tons

Attachment to Response to Question No. 8 Page 7 of 21 Dotson

G.	ACTUAL TONNAGE
	RECEIVED:

H.	PERCENT OF ANNUAL
REQUIREMENTS:	

I. BASE PRICE (FOB Barge)	I.	BASE	PRICE	(FOB	Barge):	
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G. ACTUAL TONNAGE RECEIVED:	2006 2007 2008 2009 2010 2011	<u>KU</u> 0 tons 225,229 tons 181,615 tons 3,106 tons 0 tons 208,807 tons (through 10/31/11)	LGE 957,654 tons 1,770,880 tons 1,142,551 tons 991,558 tons 962,437 tons 617,225 tons
H. PERCENT OF ANNUAL REQUIREMENTS:	2006 2007 2008 2009 2010 2011	102% 100% 96% 99% 96% 83% (through 10/31	./11)
I. BASE PRICE (FOB Barge):	2006	\$29.95 per ton – Qua \$30.36 per ton – Qua	
	2007	\$30.60 per ton – Qua \$31.02 per ton – Qua	
	2008	\$31.60 per ton – Bar	ge
	2009	\$30.41 – Rail (first 7 \$36.25 – Rail (next 2	, ,
	2010 2011	\$37.25 per ton \$39.25 per ton	
J. ESCALATIONS TO DATE:	\$3.10	per ton	
K. CURRENT CONTRACT PRICE:	\$42.3	5 per ton	

A. NAME/ADDRESS: Consol Energy / J10008 1800 Washington Road Pittsburgh, PA 15241 **B. PRODUCTION FACILITY: OPERATOR:** Shoemaker MINES: LOCATION: Marshall County, WV C. CONTRACT EXECUTED DATE: January 7, 2010 D. CONTRACT DURATION: **E. CONTRACT AMENDMENTS:** None F. ANNUAL TONNAGE 2010 250,000 tons REQUIREMENTS 2011 1,210,478 tons (includes FM of 39,522 tons) 2012 0 tons 2013 500,000 tons 2014 1,000,000 tons G. ACTUAL TONNAGE: KU 2010 **RECEIVED**: 2011 139% H. PERCENT OF ANNUAL 2010 **REQUIREMENTS:** 2011 I. BASE PRICE: (FOB Barge) 2010 \$52.50 per ton 2011 \$54.50 per ton Reopener 2012 2013 Reopener 2014 Reopener J. ESCALATIONS TO DATE: None K. CURRENT CONTRACT PRICE: \$54.50 per ton

Consolidation Coal Company

June 1, 2010 - December 31, 2014

- LGE 142,822 tons 205,534 tons 741,449 tons 134,546 tons
- (through 10/31/11)
- 72% (through 10/31/11)

Attachment to Response to Question No. 8 Page 9 of 21 Dotson

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 MINE LOCATION	Charolais Coal No.1, LLC & Charolais Coal Resources, LLC Vogue West & Rock Crusher Mines 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, effective October 1, 2009, extended term to December 31, 2011, adjusted yearly base quantity. Amendment No. 2, effective April 15, 2011, extended term to December 31, 2012, adjusted yearly base quantity.
F. ANNUAL TONNAGE REQUIREMENTS:	2007591,172 tons2008464,372 tons2009791,336 tons2010642,576 tons2011673,197 tons2012250,000 tons
G. ACTUAL TONNAGE RECEIVED:	KULGE2007361,950 tons229,223 tons2008384,389 tons79,983 tons2009598,474 tons192,863 tons2010367,542 tons275,035 tons2011258,605 tons219,496 tons(through 10/31/11)10/31/11

Attachment to Response to Question No. 8 Page 10 of 21 Dotson

H. PERCENT OF ANNUAL	2007 100%
REQUIREMENTS:	2008 100%
	2009 100%
	2010 100%
	2011 71% (through 10/31/11)
I. BASE PRICE (FOB Barge):	2007 \$32.20 per ton
1. Drible i Ricel (i oli biago).	2008 \$32.75 per ton
	2009 \$34.10 per ton
	2010 \$36.10 per ton
	2011 \$36.10 per ton
J. ESCALATIONS TO DATE:	None
K. CURRENT CONTRACT PRICE:	\$36.10 per ton

Attachment to Response to Question No. 8 Page 11 of 21 Dotson

A. NAME/ADDRESS:	Patriot Coal Sales, LLC / J07037 12312 Olive Boulevard, Suite 400 St. Louis, Missouri 63141	
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Patriot Coal and Ohio County Coal Patriot and Freedom Mines Henderson County, Kentucky	
C. CONTRACT EXECUTED DATE:	January 15, 2008	
D. CONTRACT DURATION:	January 1, 2008 - December 31, 2011	
E. CONTRACT AMENDMENTS:	Amendment No. 1 effective January 1, 2010 extending term to 12/31/2011	
F. ANNUAL TONNAGE REQUIREMENTS:	20081,250,000 tons20091,250,000 tons	
G. ACTUAL TONNAGE RECEIVED:	LG&EKU2008699,815 tons470,649 tons2009428,872 tons733,892 tons20100 tons89,733 tons20114,807 tons72,821 tons(through 10/31/11)72,821 tons	
H. PERCENT OF ANNUAL REQUIREMENTS:	200894%200993%2010carry-over2011carry-over	
I. BASE PRICE (FOB Barge):	2008\$30.00 per ton2009\$31.00 per ton	
J. ESCALATIONS TO DATE:	None	
K. CURRENT CONTRACT PRICE:	\$31.00 per ton	

A. NAME/ADDRESS: B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Patriot Coal Sales, LLC / J10002 12312 Olive Boulevard, Suite 400 St. Louis, Missouri 63141 Patriot Coal, Ohio County Coal and Highland Mining Company, LLC Patriot, Freedom and Highland Mines Henderson and Union Counties, Kentucky	
C. CONTRACT EXECUTED DATE:	December 3, 2009	
D. CONTRACT DURATION:	January 1, 2010 - December 31, 2011	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2010100,000 tons2011200,000 tons	
G. ACTUAL TONNAGE RECEIVED:	LG&E KU 2010 3,186 tons 88,988 tons 2011 14,408 tons 149,423 tons (through 10/31/11) 10/31/11)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2010 92% 2011 82% (through 10/31/11)	
I. BASE PRICE (FOB Barge):	2010\$43.00 per ton2011\$43.00 per ton	
J. ESCALATIONS TO DATE:	\$4.549 per ton	
K. CURRENT CONTRACT PRICE:	\$47.549 per ton	

A. NAME/ADDRESS: B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Patriot Coal Sales, LLC / J10010 12312 Olive Boulevard, Suite 400 St. Louis, Missouri 63141 Patriot Coal, Ohio County Coal and Highland Mining Company, LLC Patriot, Freedom and Highland Mines Henderson and Union Counties, Kentucky	
C. CONTRACT EXECUTED DATE:	January 20, 2010	
D. CONTRACT DURATION:	January 1, 2010 - December 31, 2011	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2010240,000 tons2011240,000 tons	
G. ACTUAL TONNAGE RECEIVED:	LG&EKU201015,969 tons206,827 tons201112,757 tons183,450 tons(through 10/31/11)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2010 93% 2011 82% (through 10/31/11)	
I. BASE PRICE (FOB Barge):	2010\$41.25 per ton2011\$41.25 per ton	
J. ESCALATIONS TO DATE:	\$3.038 per ton	
K. CURRENT CONTRACT PRICE:	\$44.288 per ton	

A. NAME/ADDRESS:	Patriot Coal Sales, LLC / K11001 12312 Olive Boulevard, Suite 400 St. Louis, Missouri 63141	
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Dodge Hill Mining Company, LLC Dodge Hill Union County, Kentucky	
C. CONTRACT EXECUTED DATE:	September 17, 2010	
D. CONTRACT DURATION:	January 1, 2011 - December 31, 2013	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2011220,000 tons2012120,000 tons	
G. ACTUAL TONNAGE RECEIVED:	<u>KU</u> 2011 163,686 tons (through 10/31/11)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2011 74% (through 10/31/11)	
I. BASE PRICE (FOB Plant):	2011\$63.32 per ton2012\$63.32 per ton	
J. ESCALATIONS TO DATE:	\$0.53 per ton	
K. CURRENT CONTRACT PRICE:	\$63.85 per ton	

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A. NAME/ADDRESS:

Perry County Coal Corp. / KUF06108 200 Allison Blvd. Corbin, Kentucky 40701

January 1, 2006 – December 31, 2011

B. PRODUCTION FACILITY: OPERATOR: MINES: LOCATION:

Perry County Coal Corp. E-4 & E-3 mines Perry County, KY

July 1, 2005

D. CONTRACT DURATION:

E. CONTRACT AMENDMENTS:

C. CONTRACT EXECUTED DATE:

Amendment No. 1 effective September 1,
2006. Amending payment procedures.
Amendment No. 2 effective March 1, 2007.
Amending payment calculation.
Amendment No.3 effective February 7,
2008. Extending term, tonnage.
Amendment No. 4 effective March 1, 2009.
Adding new delivery source and quality.

F. ANNUAL TONNAGE REQUIREMENTS:

G. ACTUAL TONNAGE: RECEIVED: 2006120,000 tons2007120,000 tons2008120,000 tons2009120,000 tons2010120,000 tons2011120,000 tons

2006	120,077 tons
2007	152,825 tons
2008	138,477 tons
2009	119,047 tons
2010	161,821 tons
2011	76,606 tons (through 10/31/11)

H. PERCENT OF ANNUAL REOUIREMENTS:

In Thickness of Thickorns	
REQUIREMENTS:	2006 100%
	2007 127%
	2008 115%
	2009 99%
	2010 135%
	2011 64% (through 10/31/11)
I. BASE PRICE: (FOB Plant)	2006 \$66.25 per ton delivered price
``````````````````````````````````````	2007 \$66.25 per ton delivered price
	2008 \$66.25 per ton delivered price
	2009 \$77.50 per ton delivered price
	2009 \$65.25 per ton fob railcar
	2010 \$65.25 per ton fob railcar
	2010 \$77.50 per ton delivered price
	2011 \$65.25 per ton for railcar
J. ESCALATIONS TO DATE:	none
K. CURRENT CONTRACT PRICE:	\$65.25 per ton fob railcar

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A. NAME/ADDRESS:	Rhino Energy, LLC / J08028 3120 Wall Street, Suite 310 Lexington, Kentucky 40513	
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Sands Hill Coal Company Sands Hill Mine 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:	200890,000 tons2009360,000 tons2010360,000 tons2011360,000 tons2012360,000 tons	
G. ACTUAL TONNAGE RECEIVED:	LG&EKU200831,033 tons53,552 tons2009148,063 tons218,005 tons2010118,375 tons225,346 tons20113,308 tons289,775 tons(through 10/31/11)	
H. PERCENT OF ANNUAL REQUIREMENTS:	200894%2009102%201095%201181% (through 10/31/11)	
I. BASE PRICE (FOB Barge):	2008\$49.25 per ton2009\$49.25 per ton2010\$50.25 per ton2011\$51.85 per ton2012\$53.40 per ton	
J. ESCALATIONS TO DATE:	\$0.16 per ton	
K. CURRENT CONTRACT PRICE:	\$52.01 per ton	

A. NAME/ADDRESS:	The American Coal Company / J10005 101 Prosperous Place, Suite 125 Lexington, Kentucky 40509	
B. PRODUCTION FACILITY: OPERATOR: MINES: LOCATION:	The American Coal Company Galatia Mine Saline County, Illinois	
C. CONTRACT EXECUTED DATE:	December 23, 2009	
D. CONTRACT DURATION:	January 1, 2010 - December 31, 2014	
E. CONTRACT AMENDMENTS:	None	
F. ANNUAL TONNAGE REQUIREMENTS:	2010250,000 tons2011750,000 tons	
G. ACTUAL TONNAGE: RECEIVED:	KU         LGE           2010         243,808 tons         0 tons           2011         601,967 tons         27,351 tons           (through 10/31/11)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2010 98% 2011 84% (through 10/31/11)	
I. BASE PRICE: (FOB Barge)	2010\$43.00 per ton2011\$46.00 per ton	
J. ESCALATIONS TO DATE:	\$0.68 per ton	
K. CURRENT CONTRACT PRICE:	\$46.68 per ton	

## A. NAME/ADDRESS:

Trinity Coal Marketing (Little Elk Mining Co., LLC) / KUF05109 1051 Main Street, Suite 100 Milton, W.Va. 25541

B. PRODUCTION FACILITY: OPERATOR: MINES: LOCATION:

Little Elk Mine Breathitt, Knott, Perry County, KY

August 1, 2005

Little Elk Mining Co., LLC

C. CONTRACT EXECUTED DATE:

D. CONTRACT DURATION:

E. CONTRACT AMENDMENTS:

January 1, 2006 – December 31, 2011

Amendment No. 1 effective September 1, 2006. Amending payment procedures. Amendment No. 2 effective March 1, 2007. Amending payment calculation. Amendment No.3 effective January 1, 2008. Amending tonnage and price for year 2008. Amendment No. 4 effective May 1, 2008. Assignment of contract to Trinity Coal Marketing, LLC. Extension of term to December 31, 2011. Additional tonnage of 1,000,000 per year 2009-2011. Amendment No. 5 effective July 1, 2008. Change quarterly fuel adjustment to monthly adjustment on truck delivered tonnage.

# F. ANNUAL TONNAGE REQUIREMENTS:

2006270,000 tons2007500,000 tons2008800,000 tons20091,130,000 tons20101,000,000 tons20111,000,000 tons

G. ACTUAL TONNAGE:		
RECEIVED:	2006	259,230 tons
	2007	445,965 tons
	2008	792,595 tons
	2009	1,050,007 tons
	2010	1,094,467 tons
	2011	891,833 tons (through 10/31/11)
H. PERCENT OF ANNUAL		
<b>REQUIREMENTS:</b>	2006	96%
	2007	89%
	2008	99%
	2009	93%
	2010	109%
	2011	89% (through 10/31/11)
I. BASE PRICE: (FOB Railcar)	2006	\$47.35 per ton
	2007	· 1
	2008	-
	2009	-
	2010	-
	2011	\$61.00 per ton
	٦ī	
J. ESCALATIONS TO DATE:	None	
K. CURRENT CONTRACT PRICE:	\$61.00	) per ton

A. NAME/ADDRESS:	Western Kentucky Minerals, Inc. / J10001 P.O. Box 155 Philpot, Kentucky 42366	
B. PRODUCTION FACILITY: OPERATOR: MINES: LOCATION:	Western Kentucky Minerals, Inc. Joe's Run and Sun Energy Mines 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:	2010253,300 tons2011403,300 tons2012403,300 tons	
G. ACTUAL TONNAGE: RECEIVED:	KULGE2010141,289 tons98,507 tons2011271,790 tons42,543 tons(through 10/31/11)	
H. PERCENT OF ANNUAL REQUIREMENTS:	2010 95% 2011 78% (through 10/31/11)	
I. BASE PRICE: (FOB Barge)	<ul> <li>2010 \$48.35 per ton</li> <li>2011 \$48.35 per ton</li> <li>2012 \$48.35 per ton</li> </ul>	
J. ESCALATIONS TO DATE:	\$23.176 per ton	
K. CURRENT CONTRACT PRICE:	\$71.526 per ton	

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## KENTUCKY UTILITIES COMPANY

## Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

#### **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 the coal burned in KU's units at the Ghent Station and Trimble County Unit 2. 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 Tyrone Station for NYMEX coal, Brown Station for low sulfur coal, 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 more than 6 lbs. The lower sulfur coal is being supplied under a contract specifying higher 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.
# Utilities in Comparison List

UTILITY	ABBREVIATED	PLANT LOCATIONS
AmerenEnergy Generating Co	Ameren ER	Illinois
AmerenEnergy Resources Generating Co	Ameren EGC	Illinois
Appalachian Power Co	APC	Virginia, West Virginia
Cardinal Operating (AEP)	Cardinal	Ohio
Columbus Southern Power Co	CSPC	Kentucky, Ohio
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 SO₂ Content (Nov 10 - Oct 11)



Price Comparison < 5.0 Lbs SO₂ Content (Nov 10 - Oct 11)

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

## 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 16%
  - b. Truck 5%
  - c. Barge 79%

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

## 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 October 31, 2011. 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 October 31, 2011 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 October 31, 2011;

EW Brown	300,303 Tons; 47 Days	Target 22 – 37 Days
Ghent	730,097 Tons; 35 Days	Target 21 – 40 Days
Green River	61,594 Tons; 29 Days	Target 37 – 69 Days
Tyrone	7,270 Tons; 9 Days	Target 29 – 76 Days
Trimble County	* 330,943 Tons; 51Days	Target 25 – 46 Days
Total	1,430,207 Tons; 39Days	Target 23 - 42 Days

Trimble County coal inventory includes both PRB and high sulfur coal 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 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. Not applicable.
- 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.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

#### Case No. 2011-00484

#### **Question No. 12**

## Witness: Mike Dotson

- Q-12. a. State whether KU has audited any of its coal contracts during the period from May 1, 2011 through October 31, 2011.
  - 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.

Smoky Mountain Coal, in accordance with the provisions of Section 8.3 New Imposition of Agreement KUF-02860, requested a price increase for the

periods of July 1, 2007 – May 31, 2008 and June 1, 2008 – September 30, 2008. Weir is reviewing the claims for this period. As indicated in the response to Question No. 14, KU is currently in litigation on this contract.

Alpha Natural Resources, in accordance with the provisions of Section 8.4 New Impositions of Agreement K07002, requested price adjustments for 2009 -2010 Government Imposition Claims. The Parties agreed to a settlement and the amount paid to Alpha was in full and final settlement of all Governmental Imposition Claims under Contract K07002. A copy of the Settlement Agreement and Release made as of November 29, 2011 is being filed with the Commission under seal pursuant to a Petition for Confidential Treatment.

Hopkins County Coal, in accordance with the provisions of Section 21 Governmental Impositions of Agreement K08027, requested a price increase for 2009. The Parties agreed to a settlement. A copy of the Settlement Agreement effective March, 23, 2011 is being filed with the Commission under seal pursuant to a Petition for Confidential Treatment.

Perry County Coal Corporation in accordance with the provisions of Section 8.5 New Impositions of Agreement K06108, requested a price increase for calendar year 2010. The Parties agreed to a settlement. A copy of the Settlement Agreement and Release made as of August 17, 2011 is being filed with the Commission under seal pursuant to a Petition for Confidential Treatment.

b. Not applicable

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# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

## **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 May 1, 2011 through October 31, 2011.
  - 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.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

## 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. Yes.

## b. Coal Supply Agreement KUF02860/LGE02013

- (1) Resource Sales, Inc. ("Resource"), Allied resources, Inc. ("Allied"), Cochise Coal Company, Inc. ("Cochise"), and Smoky Mountain Coal Corporation ("SMCC")
- (2) Coal Purchase Order KUF-02860 dated as of January 1, 2002, as amended.

- (3) KU and LG&E jointly seek to recover damages arising from the nondelivery of 1,019,829 tons of coal. Plaintiffs seek to have the court interpret the force majeure provision in the Agreement and to recover the amount of payments withheld by KU and LG&E to offset their claim for damages.
- (4) Plaintiffs claim the force majeure provision should be interpreted in such a way that KU is not entitled to any more deliveries of coal pursuant to the Agreement. KU disagrees and withheld certain payments, as permitted under the Agreement, and demands that the Plaintiffs resume deliveries as required under the Agreement.
- (5) A copy of the Complaint filed by the Plaintiffs in the Circuit Court of Webster County, Kentucky, Civil Action No. 08-CI-00334, a copy of the First Amended Complaint filed by the Plaintiffs in the Circuit Court of Webster, Kentucky, Civil Action No. 08-CI-00334, and a copy of the Answer and Counterclaim filed by KU was filed with the Commission in Case No. 2008-00520.
- c. This case is in the discovery phase and is ongoing. Last year, the Plaintiffs filed a motion for judgment on the pleadings, seeking a ruling from the Court interpreting the contract in their favor. KU filed a response in opposition to that motion, arguing, among other things, that the contract is governed by the UCC and thus its interpretation must be informed by extrinsic evidence of course of conduct, course of dealing and usage of trade. The Court denied Plaintiffs' motion and agreed with KU's argument regarding the application of the UCC.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

#### **Question No. 15**

#### Witness: Mike Dotson

- Q-15. a. During the period from May 1, 2011 through October 31, 2011, 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 January 1, 2011 and were provided to the Commission in response to Question No. 15 in Case No. 2011-00247.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

#### **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 May 1, 2011 through October 31, 2011.
  - 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.

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# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

# **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 May 1, 2011 through October 31, 2011.
- A-17. There have been no changes in the organizational structure since the last response provided to the Commission in Case No 2011-00247.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

## **Question No. 18**

# Witness: David L. Tummonds

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.

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- b. Describe the impact of these changes on KU's fuel usage.
- A-18. a. None.
  - b. Not applicable.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

## **Question No. 19**

# Witness: Mike Dotson

- Q-19. List each written coal supply solicitation issued during the period from May 1, 2011 through October 31, 2011.
  - 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. In Case No. 2010-00492, a review of KU's FAC for the period May 1, 2010 through November 30, 2010, the final selection of the vendors who responded to the solicitation dated August 27, 2010 was not complete when the data responses were filed. The requested information for the selected vendor mentioned above is provided below.

a.	Date:	August 27, 2010
	Contract/Spot:	Contract or Spot
	Quantities:	No minimum or maximum specified
	Quality:	Suitable for LG&E power plants and KU's Ghent power
		plant (beginning year 2011)
	Period: Up to 10 years	
	Generating Units:	All LG&E coal fired units and KU's Ghent power plant
	-	(beginning year 2011)

b. Number of vendors receiving bids: 143

Number of vendors responded: 23 companies / 36 offers

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

Peabody Coaltrade, LLC – J11017

Selected vendor(s): High Sulfur Coal barge and rail: The vendors selected were based upon the lowest evaluated delivered cost.

Foresight Coal Sales – J12005 (final contract draft under review) Armstrong Coal Co. – J12004 Oxford Mining – Ky. – J12003 Patriot Coal Sales – J12001 Carbonado Coal – J12006 Alliance Coal, LLC – J12007

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

In Case No. 2011-00247, a review of KU's FAC for the period November 1, 2010 through April 30, 2011, the final selection of the vendors who responded to the solicitation dated March 14, 2011 was not complete at the time the data responses were filed. The requested information for the selected vendor mentioned above is provided below.

a.	Date:	March 14, 2011
	Contract/Spot:	Contract or Spot
	Quantities:	No minimum or maximum specified
	Quality:	Suitable for LG&E power plants and KU's Ghent power
		plant (beginning year 2012)
	Period:	Up to 10 years
	Generating Units:	All LG&E coal fired units and KU's Ghent power plant
		(beginning year 2012)

b. Number of vendors receiving bids: 157

Number of vendors responded: 21 companies / 42 offers Selected vendor(s): PRB Coal: The vendor selected was based upon the lowest evaluated delivered cost.

Peabody Coaltrade, LLC – J12008 Selected vendor(s): High Sulfur Coal Rail: The vendors selected were based upon the lowest evaluated delivered cost.

Triad Mining – J12009 Solar Sources – J12010 Peabody Coalsales – J12011 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:	September 26, 2011
	Contract/Spot:	Contract or Spot
	Quantities:	No minimum or maximum specified
	Quality:	Suitable for LG&E power plants and KU's Ghent power
		plant (beginning year 2012)
	Period:	Up to 10 years
	Generating Units:	All LG&E coal fired units and KU's Ghent power plant
	U	(beginning year 2012)

b. Number of vendors receiving bids: 143

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Number of vendors responded: 25 companies / 43 offers Selected vendor(s): The final selection of the vendors has been made; however, negotiations are still in progress. The name of the selected vendors and supporting bid tabulation sheet will be provided to the Commission after the negotiations are completed and the agreements signed.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

# Case No. 2011-00484

#### **Question No. 20**

## Witness: Mike Dotson

- Q-20. List each oral coal supply solicitation issued during the period from May 1, 2011 through October 31, 2011.
  - 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. Due to the immediate need of middlings coal at KU's Ghent Station, a phone solicitation was conducted in lieu of a formal written solicitation.

a.	Date:	June 3, 2011
	Contract/Spot:	Spot
	Quantities:	10,000 tons per month
	Quality:	Middlings
	Period:	July through December 2011
	Generating Units:	KU's Ghent power plant

b. Number of vendors contacted: 13
 Number of vendors responded: 4
 Selected vendors: The vendor selected was based upon the lowest evaluated delivered cost.
 Arch Coal Sales – J11026

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. Due to the immediate need of coal at KU's Brown Station, a phone solicitation was conducted in lieu of a formal written solicitation.

a.	Date:	August, 2011
	Contract/Spot:	Spot
	Quantities:	Up to 40,000 tons per month
	Quality:	Suitable for KU's E.W. Brown power plant
	Period:	September through October 2011
	Generating Units:	KU's E.W. Brown power plant

b. Number of vendors contacted: 6
 Number of vendors responded: 3
 Selected vendors: The vendors selected were based upon the lowest evaluated delivered cost.
 Arch Coal Sales – K11029
 Cumberland Elkhorn Coal & Coke – K11031

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 .

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# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

# **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 intersystem sales from May 1, 2011 through October 31, 2011 which required a third party's transmission system.
  - b. Not applicable.

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# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

#### 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 line losses associated with intersystem sales. KU continues to use a line loss factor of one percent 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 August 30, 1999 Order in Case Nos. 94-461-A, 94-461-B, 94-461-C and 95-523, and the March 25, 2003 Order in Case No. 2002-00224.

# Response to Information Requested in Appendix of Commission's Order Dated January 26, 2012

## Case No. 2011-00484

#### **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.

#### **COMMONWEALTH OF KENTUCKY**

# RECEIVED

## BEFORE THE PUBLIC SERVICE COMMISSION

FEB 1 6 2012 PUBLIC SERVICE COMMISSION

In the Matter of:

AN EXAMINATION OF THE	)	
APPLICATION OF THE FUEL	)	
ADJUSTMENT CLAUSE OF	)	CASE NO.
KENTUCKY UTILITIES	)	2011-00484
COMPANY FROM MAY 1, 2011	)	
THROUGH OCTOBER 31, 2011	)	

## PETITION OF KENTUCKY UTILITIES COMPANY FOR CONFIDENTIAL PROTECTION

Kentucky Utilities Company ("KU"), pursuant to 807 KAR 5:001, Section 7, respectfully petitions the Commission to classify as confidential and protect from public disclosure certain information provided by KU in response to Question Nos. 12(a), 19 and 20 of the Commission's data requests, as contained in the Appendix to the Commission's Order dated January 26, 2012. KU requests confidential protection for settlement agreements provided in response to Question No. 12(a) and for coal bid analysis information contained in Question Nos. 19 and 20. In support of this Petition, KU notes that the Commission has consistently treated this same kind of information as confidential in KU's previous fuel adjustment clause review proceedings.

In further support of this Petition, KU states as follows:

Under the Kentucky Open Records Act, the Commission is entitled to withhold 1. from public disclosure information confidentially disclosed to it to the extent that open disclosure would permit an unfair commercial advantage to competitors of the entity disclosing the information to the Commission. See KRS 61.878(l)(c). Public disclosure of the information identified herein would, in fact, prompt such a result for the reasons set forth below.

2. Disclosure of the terms and conditions of KU's settlement of contract disputes would damage KU's competitive position and business interests. This information reveals the terms and conditions under which KU agreed to settle contract disputes with a coal supplier. If the Commission grants public access to the information requested in Question No. 12(a), KU's negotiating position in future litigation of contract disputes could be seriously compromised to the detriment of KU and its ratepayers by granting litigators access to terms and conditions KU has found acceptable in the past. As noted above, the Commission has treated such information as confidential in the past.

3. Disclosure of the factors underlying KU's bid analysis/selection process would damage KU's competitive position and business interests. This information reveals the business model the Company uses – the procedure it follows and the factors/inputs it considers – in evaluating bids for coal supply. If the Commission grants public access to the information requested in Question Nos. 19 and 20, potential bidders could manipulate the bid solicitation process to the detriment of KU and its ratepayers by tailoring bids to correspond to and comport with KU's bidding criteria and process. As noted above, the Commission has treated such information as confidential in the past.

4. The information for which KU is seeking confidential treatment is not known outside of KU, is not disseminated within KU except to those employees with a legitimate business need to know and act upon the information, and is generally recognized as confidential and proprietary information in the energy industry.

5. KU does not object to limited disclosure of the confidential information described herein, pursuant to an acceptable protective agreement, to intervenors with legitimate interests in reviewing the same for the purpose of participating in this case.

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6. In accordance with the provisions of 807 KAR 5:001, Section 7, KU is filing with the Commission one copy of the Confidential Information highlighted and ten (10) copies without the Confidential Information.

WHEREFORE, Kentucky Utilities Company respectfully requests the Commission grant confidential protection to the information designated as confidential.

Dated: February 16, 2012

Respectfully submitted,

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