

Elizabeth O'Donnell Executive Director Kentucky Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602-0615

August 24, 2007

# RE: AN EXAMINATION OF THE APPLICATION OF THE FUEL ADJUSTMENT CLAUSE OF LOUISVILLE GAS AND ELECTRIC COMPANY FROM NOVEMBER 1, 2006 THROUGH APRIL 30, 2007 - CASE NO. 2007-00279

Dear Ms. O'Donnell:

Enclosed please find an original and five (5) copies of the Response of Louisville Gas and Electric Company to Information Requested in Appendix A of the Commission's Order dated August 3, 2007, in the above-referenced proceeding.

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

Sincerely,

Robert M. Conroy

Enclosures

Louisville Gas and Electric Company State Regulation and Rates 220 West Main Street PO Box 32010 Louisville, Kentucky 40232 www.eon-us.com

Robert M. Conroy Manager - Rates T 502-627-3324 F 502-627-3213 robert.conroy@eon-us.com

# **COMMONWEALTH OF KENTUCKY**

# **BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

AN EXAMINATION OF THE APPLICATION	)
OF THE FUEL ADJUSTMENT CLAUSE	)
OF LOUISVILLE GAS AND ELECTRIC	) CASE NO. 2007-00279
<b>COMPANY FROM NOVEMBER 1, 2006</b>	)
THROUGH APRIL 30, 2007	)

RESPONSE OF LOUISVILLE GAS AND ELECTRIC COMPANY TO INFORMATION REQUESTED IN APPENDIX A OF COMMISSION'S ORDER DATED AUGUST 3, 2007

**FILED:** August 24, 2007

#### VERIFICATION

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

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Manager Rates for E.ON U.S. Services, Inc., that he has personal knowledge of the matters set forth in the responses (Question Nos. 4, 11, 19 and 20), and the answers contained therein are true and correct to the best of his information, knowledge and belief.



Victoria B. Hauper Notary Public (SEAL)

My Commission Expires:

Sept 20,2010

## COMMONWEALTH OF KENTUCKY ) ) SS: )

**COUNTY OF JEFFERSON** 

The undersigned, J. Scott Cooke, being duly sworn, deposes and says that he is Manager Generation Planning for E.ON U.S. Services, Inc., that he has personal knowledge of the matters set forth in the responses (Question Nos. 2, 3, 5, and 16), and the answers contained therein are true and correct to the best of his information, knowledge and belief.

J. SCOTT COOKE

Subscribed and sworn to before me, a Notary Public in and before said County and State, this  $\frac{\partial \mathcal{A}^{\mu}}{\partial t}$  day of  $\frac{\partial \mathcal{A}^{\mu}}{\partial t}$ , 2007.

Victoria B. Hauper (SEAL) Notary Public

My Commission Expires:

Sept 20,2010

#### VERIFICATION

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

The undersigned, Mike Dotson, being duly sworn, deposes and says that he is Manager LG&E and KU Fuels for E.ON U.S. Services, Inc., that he has personal knowledge of the matters set forth in the responses (Question Nos. 1, 2, 6 - 10, 12 - 1015, 17, and 18), and the answers contained therein are true and correct to the best of his information, knowledge and belief.



Subscribed and sworn to before me, a Notary Public in and before said County and State, this  $24^{44}$  day of <u>lugeest</u>, 2007.

Notary Public (SEAL)

My Commission Expires:

Sept 20,2010\_

# Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

## Case No. 2007-00279

# **Question No. 1**

## Witness: Mike Dotson

Q-1. For the period from November 1, 2006 through April 30, 2007, list each vendor from whom coal was purchased and the quantities and the nature of each purchase (e.g., spot or contract).

<u>VENDOR</u>	PURCHASE <u>TONNAGE</u>	PURCHASE <u>TYPE</u>
Black Beauty	1,706	Spot
Charolais Coal	176,619	Contract
Charolais Coal	49,661	Spot
Coal Network	393	Spot
Consol	527,800	Contract
Alliance Coal	753,779	Contract
Marietta Coal Company	89,548	Contract
Peabody Coal Sales	549,726	Contract
Synthetic American Fuel	373,305	Contract
Sands Hill Coal Company	35,844	Contract
Sands Hill Coal Company	28,955	Spot
Smoky Mountain Coal	313,762	Contract
Synfuel Solutions Operating	1,223,513	Contract
Southern Appalachian Fuels	17,542	Spot
Williamson Energy	17,320	Spot

TOTAL	<u>4,159,473</u>
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A-1.

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## Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

### **Question No. 2**

#### Witness: Mike Dotson / Scott Cooke

- Q-2. For each generating station or unit for which a separate coal pile is maintained, state for the period from November 1, 2006 through April 30, 2007 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-2. The North American Electric Reliability Council Generation Availably Data System defines Capacity Factor as the value equal to the Net MWH produced divided by the product of the hours in the period times the unit rating. Please see chart below:

				Capacity Factor
				(Net MWH)/
Plant	Coal Burn (Tons)	Coal Receipts (Tons)	Net MWH	(period hrs x MW rating)
Cane Run 4-6	863,672		1,843,849	······································
Mill Creek 1-4	2,348,905	2,502,478	5,143,713	79.4%
Trimble County 1	891,290	909,405	2,110,230	94.3%

## Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

#### **Question No. 3**

### Witness: Scott Cooke

Q-3. List all firm power commitments for LG&E from November 1, 2006 through April 30, 2007 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-3. a. Firm Purchases

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

	Companies' L	G&E Portior	1
Utility	Amt (MW)	(MW)	Purpose
OVEC (Nov 2006)	~ 167	~ 116	Baseload
OVEC (Dec 2006)	~ 164	~ 114	Baseload
OVEC (Jan 2007)	~ 171	~ 118	Baseload
OVEC (Feb 2007)	~ 156	~ 108	Baseload
OVEC (Mar 2007)	~ 156	~ 108	Baseload
OVEC (April 2007)	$\sim 157$	~ 109	Baseload

b. Sales

None

## Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

### Case No. 2007-00279

# **Question No. 4**

## Witness: Robert M. Conroy

- Q-4. Provide a monthly billing summary for sales to all electric utilities for the period from November 1, 2006 through April 30, 2007.
- A-4. Please see the attached sheets.

#### Louisville Gas and Electric Company

#### POWER TRANSACTION SCHEDULE

#### Month Ended: November 30, 2006

Month Ended: November 30, 2006							
					Billing Compo		
_		Type of			Fuel	Other	Total
Company		Transaction	KWH	Demand(\$)	Charges(\$)	Charges(\$)	Charges(\$)
Sales							
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	34,602,000		882,997 73	778,752 36	1,661,750 09
AMERICAN ELECTRIC POWER SERVICE CORP	AEP	Economy	56,389,000		1,447,323.55	1.276,454 74	2,723,778 29
BIG RIVERS ELECTRIC CORP	BREC	Economy	807,000		42,846.58	37,788.18	80,634.76
CARGILL- ALLIANT, LLC	CARG	Economy	31,444,000		748,840 35	660,433 39	1,409,273.74
COBB ELECTRIC MEMBERSHIP CORPORATION	COBB	Economy	7,398,000		187,124 58	165,032 92	352,157 50
CONSTELLATION ENERGY COMDS. GRP. INC	CONS	Economy	10,366,000		261,100.64	230,343 29	491,443 93
DAYTON POWER & LIGHT CO	DPL.	Economy	89,000		2,126 85	1,875 77	4,002 62
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	5,428,000		112,448 83	99,173 29	211,622 12
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	172,000		3,247 82	2,864 38	6,112 20
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	167,000		3,158 10	2,785 27	5,943 37
MERRILL LYNCH COMMODITIES INC	ML.CM	Economy	23,952,000		574,740.10	507,080 79	1,081,820 89
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC	MISO	Economy	151,807,000		3,642,741 55	3,211,798.48	6,854,540.03
PROGRESS ENERGY VENTURES INC	PROG	Economy	4,805,000		116,322.77	102,589.88	218,912 65
RAINBOW ENERGY MARKETING CORP	REMC	Economy	790,000		23,537.00	20,758 25	44,295.25
SEMPRA ENERGY TRADING CORP.	SEMP	Economy	15,841,000		399,931 75	352,713 39	752,645 14
SOUTHERN INDIANA GAS & ELECTRIC CO.	SIGE	Economy	31,000		1,639 54	1,445 97	3,085 51
SPLIT ROCK ENERGY LLC	SPRE	Economy	3,243,000		88,333 05	77,904 58	166,237 63
THE ENERGY AUTHORITY	TEA	Economy	11,413,000		236,280 32	208,385.42	444,665 74
TENASKA POWER SERVICES CO.	TPS	Economy	247,000		6,826.94	6,020.95	12,847.89
TRANSALTA ENERGY MARKETING (U.S.) INC	TALT	Economy	3,543,000		91,204 98	80,437 47	171,642 45
TENNESSEE VALLEY AUTHORITY	TVA	Economy	43,214,000		1,028,663 55	907,221 10	1,935,884 65
WESTAR ENERGY, INC	WSTR	Economy	36,804,000		918,206 63	809,804 54	1,728,011 17
MISCELLANEOUS			-		279.49	(279.49)	-
KENTUCKY UTILITIES COMPANY	KU	Economy	586,766,000		11,256,949.35	3,758.69	11,260,708.04
TOTAL.		-	1,029,318,000	-	22,076,872 05	9,545,143 61	31,622,015 66

#### Month Ended: December 31, 2006

Month Ended: December 31, 2006					Billing Compor	anto	
		Type of			Fuel	Other	Total
Company		Transaction	KWH	Demand(\$)	Charges(\$)	Charges(\$)	Charges(\$)
Company		11 difficition		Demail(1)	Charges(b)	Charges(1)	Churges(b)
Sales							
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	16,844,000		415,149 91	257,858 18	673,008 09
AMERICAN ELECTRIC POWER SERVICE CORP	AEP	Economy	22,746,000		524,556 42	325,637 39	850,193 81
BIG RIVERS ELECTRIC CORP.	BREC	Economy	369,000		22,806.37	14,165.51	36,971 88
CARGILL- ALLIANT, LLC	CARG	Economy	14,686,000		378,449 14	235,062.56	613,511 70
COBB ELECTRIC MEMBERSHIP CORPORATION	COBB	Economy	6,616,000		150,375 82	93,401 51	243,777 33
CONSTELLATION ENERGY COMDS GRP INC	CONS	Economy	3,941,000		92,546 96	57,188 30	149,735 26
DUKE ENERGY OHIO, INC	DEOH	Economy	38,000		2,342.78	1,455.15	3,797 93
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	1,951,000		50,727 02	31,507.60	82,234 62
FORTIS ENERGY MARKETING & TRADING GP	FORT	Economy	4,213,000		103,687 54	64,402 47	168,090 01
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	113,000		2,376.33	1,475 99	3,852 32
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	121,000		2,543.62	1,579.90	4,123.52
MERRILL LYNCH COMMODITIES INC	MLCM	Economy	7,347,000		167,676 49	104,147 32	271,823.81
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	74,776,000		1,937,830 35	1,203,626 39	3,141,456 74
PROGRESS ENERGY VENTURES INC	PROG	Economy	127,000		3,184.28	1,974.91	5,159 19
SEMPRA ENERGY TRADING CORP	SEMP	Economy	3,180,000		85,471 40	53,088.05	138,559.45
SOUTHERN INDIANA GAS & ELECTRIC CO	SIGE	Economy	16,000		992.63	616.54	1,609.17
THE ENERGY AUTHORITY	TEA	Economy	4,690,000		96,257 56	59,787 56	156,045 12
TENASKA POWER SERVICES CO	TPS	Economy	49,000		1,114 08	691 97	1,806 05
TENNESSEE VALLEY AUTHORITY	TVA	Economy	25,659,000		619,133 47	384,556 57	1,003,690 04
WESTAR ENERGY, INC.	WSTR	Economy	7,826,000		196,850.11	122,267 66	319,117 77
MISCELLANEOUS			-		141 29	(141.29)	-
KENTUCKY UTILITIES COMPANY	KU	Economy	529,163,000		9,352,104.24	1,594.11	9,353,698.35
TOTAL.			724,471,000	-	14,206,317 81	3,015,944 35	17,222,262 16

#### Attachment to Question No. 4 Page 2 of 3 Conroy

#### Month Ended: January 31, 2007

Company

Sales							
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	13,890,000		316,580 49	224,915.52	541,496 01
AMERICAN ELECTRIC POWER SERVICE CORP	AEP	Economy	14,574,000		343,328 37	243,918 61	587,246 98
CARGILL- ALLIANT, LLC	CARG	Economy	14,058,000		345,130.58	245,199 00	590,329.58
COBB ELECTRIC MEMBERSHIP CORPORATION	COBB	Economy	5,420,000		134,618.68	95,640 23	230,258 91
CONECTIV ENERGY SUPPLY, INC	CONT	Economy	24,000		734 11	521 55	1,255 66
CONSTELLATION ENERGY COMDS GRP INC	CONS	Economy	5,213,000		130,054 19	92,397.38	222,451.57
DUKE ENERGY INDIANA, INC	DEIN	Economy	22,000		383 87	1,839.11	2,222 98
DUKE ENERGY OHIO, INC	DEOH	Economy	(22,000)		(383 87)	(1,839 11)	(2,222 98)
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	30,283,000		833,302 49	592,022 14	1,425,324 63
FORTIS ENERGY MARKETING & TRADING GP	FORT	Economy	13,795,000		352,024 21	250,096 60	602,120.81
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	1,548,000		27,269 45	19,373 65	46,643.10
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	145,000		2,730 09	1,939 60	4,669 69
MIDWEST CONTINGENCY RESERVE SHARING GROUP	MCRS	Economy	132,000		8,139 43	5,782 68	13,922 11
MERRILL LYNCH COMMODITIES INC	MLCM	Economy	20,585,000		497,710.68	353,599.98	851,310 66
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC	MISO	Economy	125,038,000		3,100,690 02	2,202,912 85	5,303,602 87
PROGRESS ENERGY VENTURES INC	PROG	Economy	2,695,000		68,776 23	48,862 27	117,638.50
SEMPRA ENERGY TRADING CORP	SEMP	Economy	11,719,000		287,035 66	203,925.31	490,960 97
THE ENERGY AUTHORITY	TEA	Economy	3,468,000		69,588 86	49,439.60	119,028 46
TRANSALTA ENERGY MARKETING (U S ) INC	TALT	Economy	392,000		8,920.84	6,337.84	15,258.68
TENNESSEE VALLEY AUTHORITY	TVA	Economy	28,155,000		662,595.26	470,742 71	1,133,337.97
WESTAR ENERGY, INC.	WSTR	Economy	3,412,000		89,128 70	63,321.75	152,450 45
MISCELLANEOUS			-		614 50	(614 50)	-
KENTUCKY UTILITIES COMPANY	KU	Economy	644,080,000		11,032,793.28	1,739.53	11,034,532.81
TOTAL.			938,626,000	-	18,311,766.12	5,172,074 30	23,483,840 42

Month Ended: February 28, 2007

					Billing Compos	ients	
		Type of			Fuel	Other	Total
Company		Transaction	KWH	Demand(\$)	Charges(\$)	Charges(\$)	Charges(\$)
Sales							
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	5,017,000		133,910.61	117,887 30	251,797 91
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	6,939,000		195,927 19	172,483 18	368,410 37
CARGILL- ALLIANT, LLC	CARG	Economy	7,763,000		195,465 80	172,323 38	367,789 18
CITIGROUP ENERGY, INC	CITI	Economy	299,000		6,944 30	6,113.38	13,057 68
COBB ELECTRIC MEMBERSHIP CORPORATION	COBB	Economy	1,599,000		42,185.89	37,138 07	79,323.96
CONSTELLATION ENERGY COMDS GRP INC	CONS	Economy	4,317,000		113,728.42	100,120 06	213,848 48
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	23,640,000		771,169.41	678,893 83	1,450,063.24
FORTIS ENERGY MARKETING & TRADING GP	FORT	Economy	7,133,000		196,844 23	173,290.50	370,134 73
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	136,000		2,926 39	2,576.24	5,502 63
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	147,000		3,162 93	2,784.47	5,947 40
MIDWEST CONTINGENCY RESERVE SHARING GROUP	MCRS	Economy	225,000		13,815 30	8,083 01	21,898.31
MERRILL LYNCH COMMODITIES INC	ML.CM	Economy	8,714,000		220,804.37	194,383 65	415,188.02
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC	MISO	Economy	83,765,000		2,211,984 14	1,947,487 48	4,159,471.62
PROGRESS ENERGY VENTURES INC	PROG	Economy	1,145,000		32,262 35	28,401.95	60,664 30
RAINBOW ENERGY MARKETING CORP	REMC	Economy	100,000		3,722 72	3,277.28	7,000 00
SEMPRA ENERGY TRADING CORP	SEMP	Economy	1,984,000		53,491.27	47,090 68	100,581.95
THE ENERGY AUTHORITY	TEA	Economy	656,000		14,773 42	13,005 66	27,779.08
TENNESSEE VALLEY AUTHORITY	TVA	Economy	26,115,000		647,231 25	569,785 71	1,217,016 96
WESTAR ENERGY, INC	WSTR	Economy	624,000		16.377 24	14,417,58	30,794 82
MISCELLANEOUS					1,396.03	(1,396 03)	
KENTUCKY UTILITIES COMPANY	КU	Economy	495,105,000		9,646,340.43	16.99	9,646,357.42
SUBTOTAL			675,423,000		14,524,463 69	4,288,164 37	18,812,628 06
LOSSES ACROSS OTHER SYSTEMS (NOT BILLED)			10,000		1 1,02 1,405 05	.,200,104.07	10,012,020 00
TOTAL			675,433,000		14,524,463 69	4,288,164 37	18,812,628 06
10166			075,455,000	-	14,524,405 05	7,200,104 57	10,012,020.00

Month Ended: March 31, 2007

Month Ended: March 31, 2007					Billing Compor	ients	
		Type of			Fuel	Other	Total
Company		Transaction	KWH	Demand(\$)	Charges(\$)	Charges(\$)	Charges(\$)
Sales							
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC	MISO	Economy	46,795,000		1,194,604 24	982,160.32	2,176,764 56
MIDWEST CONTINGENCY RESERVE SHARING GROUP	MCRS	Economy	294,000		16,850 99	13,850.96	30,701 95
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	7,235,000		186,318.50	153,147 84	339,466.34
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	7,030,000		174,892 47	143,756 00	318,648.47
CARGILL- ALLIANT, LLC	CARG	Economy	4,262,000		\$107,211 39	88,124 33	\$195,335 72
CITIGROUP ENERGY, INC.	CITI	Economy	1,844,000		43,613 60	35,848 97	79,462 57
COBB ELECTRIC MEMBERSHIP CORPORATION	COBB	Economy	2,459,000		61,959.35	50,928 61	112,887 96
CONSTELLATION ENERGY COMDS GRP INC	CONS	Economy	2,487,000		\$56,378.52	46,544 10	\$102,922 62
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	895,000		23,600 25	19,398.64	42,998.89
FORTIS ENERGY MARKETING & TRADING GP	FORT	Economy	8,004,000		188,077 22	154,593 44	342,670 66
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	314,000		7,050 23	3,772 60	10,822 83
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	330,000		7,410.88	3,965.70	11,376 58
MERRILL LYNCH COMMODITIES INC	ML.CM	Economy	4,452,000		103,053.77	84,706 90	187,760 67
PROGRESS ENERGY VENTURES INC	PROG	Economy	789,000		19,775 82	16,255 10	36,030.92
SEMPRA ENERGY TRADING CORP	SEMP	Economy	965,000		23,296 46	19,148 94	42,445.40
THE ENERGY AUTHORITY	TEA	Economy	637,000		14,750 38	12,124 35	26,874 73
TENNESSEE VALLEY AUTHORITY	TVA	Economy	45,915,000		1,067,073 02	877,099.87	1,944,172 89
WESTAR ENERGY, INC	WSTR	Economy	592,000		16,029 47	13,175 73	29,205 20
MISCELLANEOUS		۲	-		1,200.11	(1,200 11)	-
KENTUCKY UTILITIES COMPANY	KU	Economy	501,981,000		9,343,254.69	-	9,343,254.69
TOTAL	-		637,280,000	-	12,656,401.37	2,717,402.28	15,373,803 65
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#### Attachment to Question No. 4 Page 3 of 3 Conroy

#### Month Ended: April 30, 2007

-				Billing Compor	ents	
		Type of		Fuel	Other	Total
Company		<u>Transaction</u>	KWH Demand(\$)	Charges(\$)	Charges(\$)	Charges(\$)
Sales						
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC	MISO	Economy	4,582,000	125,875.18	73,291.57	199,166 75
MIDWEST CONTINGENCY RESERVE SHARING GROUP	MCRS	Economy	237,000	14,974 60	10,193 81	25,168.41
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	843,000	21,068.13	14,341 93	35,410.06
AMERICAN ELECTRIC POWER SERVICE CORP	AEP	Economy	3,315,000	88,889 36	60,510.60	149,399 96
CARGILL- ALLIANT, LLC	CARG	Economy	5,625,000	156,593.42	106,599.53	263,192.95
CITIGROUP ENERGY, INC	CITI	Economy	386,000	10,739 19	7,310 60	18,049 79
COBB ELECTRIC MEMBERSHIP CORPORATION	COBB	Economy	1,140,000	40,415 27	27,512 32	67,927 59
CONSTELLATION ENERGY COMDS GRP. INC	CONS	Economy	1,618,000	41,601 45	28,406 84	70,008 29
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	4,125,000	143,125 65	97,431 47	240,557 12
FORTIS ENERGY MARKETING & TRADING GP	FORT	Economy	2,609,000	75,434 86	51,351.58	126,786 44
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	3,859,000	122,985.67	83,726.03	206,711.70
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	296,000	11,500.94	7,832 66	19,333 60
KANSAS CITY POWER & LIGHT	KCPL.	Economy	1,590,000	43,292 53	29,470 99	72,763.52
MERRILL LYNCH COMMODITIES INC	MLCM	Economy	2,087,000	57,315.76	39,017 17	96,332 93
PROGRESS ENERGY VENTURES INC	PROG	Economy	2,056,000	66,869 31	45,520.67	112,389 98
SEMPRA ENERGY TRADING CORP	SEMP	Economy	969,000	31,308 60	21,313.03	52,621 63
THE ENERGY AUTHORITY	TEA	Economy	156,000	4,607.45	3,136.48	7,743.93
TENNESSEE VALLEY AUTHORITY	TVA	Economy	19,694,000	481,373 85	327,690 79	809,064 64
WILLIAMS ENERGY MARKETING & TRADING CO	WESC	Economy	7,557,000	188,716.90	128,467 30	317,184.20
WESTAR ENERGY, INC	WSTR	Economy	50,000	1,546 93	1,053.07	2,600 00
MISCELLANEOUS		-	-	22.57	(22.57)	-
KENTUCKY UTILITIES COMPANY	KU	Economy	387,782,000	8,115,272.60	-	8,115,272.60
TOTAL.		ž	450,576,000 -	9,843,530 22	1,164,155.87	11,007,686 09

## Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

#### **Question No. 5**

## Witness: Scott Cooke

- Q-5. List LG&E's scheduled, actual, and forced outages between November 1, 2006 and April 30, 2007.
- A-5. Please see attached sheets.

As stated in the April 13, 2007 Supplemental Response Question 3 to the Commission Staff's Interrogatories of Case 2006-00510, the completed evaluation on Paddys Run 12 indicated that the necessary repairs to return the unit to service were cost-effective. Since the date of the response, LG&E has determined the appropriate course of action for returning the unit to service. Repairs are currently underway with a projected return to service by end of September 2007.

Louisville Gas & Electric Company Cane Run Unit 4 - Coal - 155 MW November 2006 through April 2007

Schedule vs. Actual

		MAINTENANCE					
	Scheduled		Actual		HOURS OF DURATION	HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	
MONTH	FROM	10	FROM	TO	Scheduled Forced Ac	Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE	
November S	11/27/2006 7:00		11/24/2006 23:00		89:00	145:00 Annual boiler inspection and air heater replacement	
December S		12/17/2006 15:00	Î	12/15/2006 7:30 399:00		343:30 Annual boiler inspection and air heater replacement	
January S	1/6/2007 21:07	1/7/2007 4:42	1/6/2007 21:07	1///2007 4:42	7:35	7:35 Wet scrubber booster ID fan drive	
February F			2/1/2007 6:00	2/1/2007 18:06	12:06	Voitage circuit breakers	
March	No Outages > or = 6 Hours						
April	No Outages > or = 6 Hours						

Attachment to Question No. 5 Page 1 of 19 Cooke

Louisvitte Gas & Electric Company Cane Run Unit 5 - Coal - 168 MW November 2006 through April 2007

Schedule vs. Actual

HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR Scheduling Forced OUTAGE AS APPROPRIATE

Furnace wall waterwall boiler tube faikure

51:03

11/5/2006 14:15

11/3/2006 11:12

6

Actual

MAINTENANCE

þ

Scheduled

FROM

Second superheater boiler tube failure

50:04 32:40

1/26/2007 13:29

1/24/2007 11:25

December No Outages > or = 6 Hours

MONTH November F டால

January February

March

Platen superheater bolier tube failure Second superheater bolier tube failure

59:40

59:40

2/4/2007 15:32 3/12/2007 11:45

> 3/10/2007 0:05 3/16/2007 10:46 3/18/2007 20:55

3/12/2007 11:45

3/10/2007 0:05

և և

2/3/2007 6:52

3/18/2007 11:29 3/19/2007 4:22

Superheater boiler tube failure

48:43

534:30 Low pressure heater replacement

Dearator

7:27

4/29/2007 6:37 488:00

4/7/2007 0:07

4/29/2007 15:00

4/9/2007 7:00

S

April

Attachment to Question No. 5	
Page 2 of 19	
Cooke	

Report dates of forced in columns headed Actual

.ouisviite Gas & Electric Company Cane Run Unit 5 - Coal - 240 MW Vovember 2006 through April 2007	
.ouisville Gas & E Cane Run Unit 6 - Vovember 2006 th	
S S S	

Schedule vs. Actual

	MAINTENANCE OR REASON FOR												
	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	FORCED OUTAGE AS APPROPRIATE		Reheater bolier tube failure	Voit circuit breaker on D mill	Boiler tube fireside cleaning	Second reheater stagging		Furnace wall waterwall boiler tube failure	Secondary reheater boiler tube failure	Furnace wall waterwall boiler tube failure	Secondary reheater boller tube failure	
		Actual		27:35	32:49	32:05							
	HOURS OF DURATION						57:31		39:12	87:38	20:41	33:40	
	HOURS	Scheduled Forced		27:35	32:49	32:05							
		TO		12/3/2006 3:11	1/21/2007 8:42	1/28/2007 8:28	2/19/2007 3:31		4/5/2007 1:16	4/10/2007 19:28	4/26/2007 7:04	4/30/2007 10:47	
	Actual	FROM		12/1/2006 23:36	1/19/2007 23:53	1/27/2007 0:23	2/16/2007 18:00		4/3/2007 10:04	4/7/2007 3:50	4/25/2007 10:23	4/29/2007 1:07	
MAINTENANCE		0		12/3/2006 3:11	1/21/2007 8:42	1/28/2007 8:28							
	Scheduled		November No Outages > or = 6 Hours	12/1/2006 23:36	1/19/2007 23:53	1/27/2007 0:23		No Outages > or = 6 Hours					
⊢	L		ž	Xer S	S	S	ч Е	Ž	ц.	u.	u.	L	
		HINOM	Novemt	December S	hannah		February	March	April				

Attachment to Question No. 5 Page 3 of 19 Cooke

Louisville Gas & Electric Company Mill Creek Unit 1 - Coal - 303 MW Noverber 2006 through April 2007

L

Schedule vs Actual

	ENANCE OR REASON FOR							
	HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE	28:27 Furnace wall waterwall boiler tube failure		21:15 Condenser tube leak	34:21 Condenser tube leak	25:20 Condenser tube leaks	2:18 Condenser tube leaks
	DURATION	srced Actual	28:27		21:15	34:21	25:20	2:18
	HOURS OF	Scheduled Fc	28:27		21:15	34:21	25:20	2:18
		TO	11/5/2006 5:51		1/6/2007 21:23	225/2007 10:34	Ì	4/1/2007 2:18
	Actual	FROM 1	11/4/2006 1:24		1/6/2007 0:08	2/24/2007 0:13	3/30/2007 22:40	
MAINTENANCE		TO	11/5/2006 5:51		1/6/2007 21:23	2/25/2007 10:34	ſ	4/1/2007 2:18
	Scheduled	FROM	11/4/2006 1:24	December No Outages > or = 6 Hours	1/6/2007 0:08	2/24/2007 0:13	3/30/2007 22:40	
		HINOM	November S	ecember N	January S	February S	March S	April S

Attachment to Question No. 5 Page 4 of 19 Cooke

Louisville Gas & Electric Company	Mill Creek Unit 2 - Coal - 301 MW	Manual and the source that and
Louisville Ga	Mill Creek U	Manual Land

Schedule vs Actual

FULL AND GOD OF FRAME A CONTRACT	Mill Creek Unit 2 - Coal - 301 MW	November 2006 through April 2007	

	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	FORCED OUTAGE AS APPROPRIATE	Furnace wall waterwait bolier tube faiture	Planned outage - boilier inspection	Boiler feed pump	High drum level	Air heater wash	Furnace wall waterwall boker tube failure	Furnace wali waterwali boiler tube failure	Dearator	Air heater wash	
F		Actual IF	19:36	166:43	-	-	45:50	19:20	_		52:48	
	NOIL				33:31	6:56			40:02	9:53		
	HOURS OF DURATION	Scheduled Forced	19:36	152:00			45:50	19:20			52:48	
	HOUF	TO IS	11/4/2006 21:20	12/12/2006 22:33	12/15/2006 11:35	12/17/2006 9:25	1/7/2007 21:11	2/11/2007 8:22	2/17/2007 2:54	2/17/2007 18:47	3/26/2007 2:59	
	Actual	FROM	11/4/2006 1:45	12/5/2006 23:50	12/14/2006 2:04	12/17/2006 2:29	1/5/2007 23:21	2/10/2007 13:02	2/15/2007 10:52	2/17/2007 8:54	3/23/2007 22:11	
MAINTENANCE		10	11/4/2006 21:20	12/10/2006 15:00			1/7/2007 21:11	2/11/2007 8:22			3/26/2007 2:59	
	Scheduled	FROM	11/4/2006 1:45	12/4/2006 7:00			1/5/2007 23:21	2/10/2007 13:02			3/23/2007 22:11	No Outages > or = 6 Hours
ŀ			s	ŝ	u.	u.	S	s	ш	Ľ	S	No
		HUNOW	November S	December S			January	February			March	April

Attachment to Question No. 5 Page 5 of 19 Cooke

e Gas & Electric Company	3 - Coal - 391 MW	6 through April 2007
risville Gas &	M# Creek Unit 3 - (	lovember 2006 th
Ľ	Ĩ	Š

Schedule vs Actual

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE

HOURS OF DURATION duled Forced Actual

69:03

11/29/2006 7:28

11/26/2006 10:25

**NO** 

MAINTENANCE

Schedule

ROA

Second superheater boiler tube failure Second superheater boiler tube failure Furnace wall waterwall boiler tube failure

40:26

12/22/2006 8:59

12/20/2006 16:33

36:45

36:45

12/17/2006 12:28 12/15/2006 23:43 12/17/2006 12:28

12/15/2006 23:43

December S

MONTH November F u.

Condenser tube leak

38:48

38:48

2/3/2007 15:41

2/2/2007 0:53

2/3/2007 15:41

2/2/2007 0:53

**м п п п м м** п

January February

March

No Outages > or = 6 Hours

2/11/2007 4:07

2/10/2007 4:24

Condenser tube leak
Second superheater boilter tube failure
Condenser tube leak
Planned outage - boiler inspection
Planned outage - boiler inspection
First reheater bolier tube failure

192:57 606:24

185:00 519:00

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ļ

3/23/2007 23:03

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3/24/2007 7:00

4/26/2007 6:24 4/30/2007 23:33

4/22/2007 15:00

Apri

39:09

4/29/2007 8:24

23:43 35:55

> 3/7/2007 16:03 3/19/2007 21:28

> 3/6/2007 4:08 3/18/2007 21:27

24:01

Attachment to Question No. 5 Page 6 of 19 Cooke

Report dates of forced outage in columns headed Actual

Louisville Gas & Electric Company Mill Creek Unit 4 - Coal - 477 MW November 2006 through April 2007

Schedule vs Actual

HINOM			Actual FROM	2	۲ کړ ا	HOURS OF DURATION eduled Forced Act	<u>a</u>	TION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR Addig FORCED OUTAGE AS APPROPRIATE
November S	11/25/2008 4:58	11/26/2006 4:40	11/25/2006 4:58 11/26/2006 4:40 11/28/2006 12:56 11/30/2006 13:28	11/26/2006 4:40 11/30/2006 13:28	23.42	48:32	74:07	20:42 Certerator saux Platen superheater boiler tube failure
December F			12/13/2006 0:56	12/15/2006 4:15		51:19		Platen superheater boiler tube failure
≿	January No Outages > or = 6 Hours							
February F			2/14/2007 11:23	2/16/2007 15:52		52:29		Second superheater boiler tube failure
u.			2/16/2007 17:29	2/18/2007 14:43		45:14		Platen superheater boiler tube faikure
March S	3/10/2007 7:00	3/18/2007 15:00	3/9/2007 23:12	3/18/2007 16:43	200:00		209:31	Planned outage - boiler inspection
	No Outages > or = 6 Hours							

Attachment to Question No. 5 Page 7 of 19 Cooke

Louisville Gas & Electric Company Trimble Courty Unit 1 - Coal - 383 MW (75% ownership share of 511 MW) November 2006 through April 2007

Schedule vs Actual

HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE 51:34 Air heaters fouling Boiler refractory 24:24 51:34 1/8/2007 13:11 84:24 4/30/2007 2:35 01 1/5/2007 0:47 4/27/2007 23:01 Actual FROM 1/8/2007 13:11 4/30/2007 2:36 MAINTENANCE 2 No Outages > or = 6 Hours 1/5/2007 0:47 4/27/2007 23:01 Scheduled FROM S S MONTH November December February January March April Attachment to Question No. 5 Page 8 of 19 Cooke

Louisville Gas & Electric Company Cane Run Unit 11 - Gas CT - 14 MW November 2006 through April 2007

Schedule vs Actual

	ULED MAINTENANCE OR REASON FOR										
	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	Actual FORCED OUTAGE AS APPROPRIATE	425:00 Control system upgrades	744:00 Control system upgrades	744:00 Control system upgrades	672:00 Control system upgrades	Control system upgrades				
	NOL		425:00	744:00	744:00	672:00	562:41	62:59	15:41	79:36	32:00
	HOURS OF DURATION	Scheduled Forced	425:00	744:00	744:00	672:00	562:41	62:59	15:41	- 79:36	32:00
		94	Ì			Î	3/24/2007 10:41	3/27/2007 7:43	3/28/2007 8:46	Î	4/2/2007 8:00
	Actual	FROM	11/13/2006 7:00		<b>A</b>	ţ		3/24/2007 16:44	3/27/2007 17:05	3/28/2007 16:24	ţ
MAINTENANCE		10	1	Î	ţ		3/24/2007 10:41	3/27/2007 7:43	3/28/2007 8:46		4/2/2007 8:00
	Scheduled	FROM	11/13/2006 7:00					3/24/2007 16:44	3/27/2007 17:05	3/28/2007 16:24	ţ
		HINOM	November S	December S	January S	February S	March S	S	S	S	Apri

Attachment to Question No. 5 Page 9 of 19 Cooke

Louisville Gas & Electric Company Paddys Run Unk 11 - Gas CT - 12 MW November 2006 through April 2007

Schedule vs Actual

	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	ed Actual FORCED OUTAGE AS APPROPRIATE
	HOURS OF DURATION	Scheduled Forced Actual
		10
	Actual	FROM TO
MAINTENANCE		10
	Scheduled	FROM
		MONTH

No Outages > or = 6 Hours November No Outages > or = 6 Hours December No Outages > or = 6 Hours January No Outages > or = 6 Hours February

No Outages > or = 6 Hours No Outages > or = 6 Hours April

March

Attachment to Question No. 5 Page 10 of 19 Cooke

Report dates of forced outage in columns headed Actual

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Louisville Gas & Electric Company Paddys Run Untit 12 - Gas CT - 23 MW November 2006 through April 2007 MAINTENANCE

Schedule vs Actual

		MAINTENANCK	5					
	Scheduigd		Actuble		HOURS	HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR
MONTH	FROM	10	FROM	To	Scheduled Forced	_	Actual F	Actual FORCED OUTAGE AS APPROPRIATE
November F				11/22/2006 0:00		504:00	<u>د</u>	Low pressure blades
			11/22/2006 0:00	1		216:00	J	Unit was put in mothball status 11/22/06 @ 0:00 hours
December				Ĩ		744:00	2	Mothball status
January				Ī		744:00	2	Mottball status
February				Ī	•	672:00	2	Mothball status
March				T		744:00	2	Mothball status
Apri				T		720:00	2	Mothball status

Attachment to Question No. 5 Page 11 of 19 Cooke

Louisville Gas & Electric Company Paddys Run Unit 13 - Gea CT - 158 MW November 2006 through April 2007

Schedule vs Actual

1

No Outages > or = 6 Hours December

No Outages > or = 6 Hours January

No Outages > or = 6 Hours February

u. March April

22:15 24:37 3/14/2007 20:00 3/15/2007 18:15 4/4/2007 7:55 4/3/2007 7:18

High pressure compressor bleed valves

Control system

Fire protection sensor

u. LL.

272:15 4/21/2007 9:30 4/10/2007 1:15 Attachment to Question No. 5 Page 12 of 19 Cooke

13.1 e - 1

Louisville Gas & Electric Company Trimble County Unit 5 - Gas CT - 160 MW November 2006 through April 2007

Schedule vs Actual

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE

JRS OF DURATION Scheduled Forced Actual

P

FROM

þ

Scheduled

FROM

MONTH November December

MAINTENANCE

Combustion inspection

Fuel piping and valves Fuel piping and valves Compressor wash

73:20 17:34

3/30/2007 12:58 4/13/2007 14:10 4/14/2007 11:13

t

3/18/2007 15:00

7:03

7:03

4/18/2007 9:20 4/18/2007 16:23

4/18/2007 16:23

4/18/2007 9:20

u o

u.

4/13/2007 17:39

4/10/2007 12:50

573:30 Combustion inspection 672:00 Combustion inspection

569:00 672:00 423:00

1/8/2007 2:30

1 1

1/8/2007 7:00

S

**† †** 

January February

March April

No Outages > or = 6 Hours No Outages > or = 6 Hours 672:00 708:58

Attachment to Question No. Page 13 of 1
Cook

Report dates of forced in columns headed Actual

: & Electric Company	nble County Unit 6 - Gas CT - 160 MW	06 through April 2007
Gas &	County Unit	r 2008
Louisville	Trimble	Novembe

Schedule vs Actual

NTENANCI

			MANIN LENANCE						
		Scheduled		Actual	Ş	HOURS OF DURATION		æ	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR
HENOW	L	FROM	10	FROM	TO	Scheduled Forced	orced A	tupi F	Actual FORCED OUTAGE AS APPROPRIATE
November	C SN	November No Outanes > or = 6 Hours							
December F	<u>ل</u> د			12/8/2006 5:06	12/8/2006 11:39		6:33	U.	Fuel gas regulator
January	u.			1/31/2007 5:47		•	18:13	H	Turbine exhaust
February	u.			ţ	2/8/2007 18:19	£.	186:19	F	Turbine exhaust
	u.			2/8/2007 18:26	2/9/2007 9:18		14:52	T	High pressure compressor bleed valves
	u.			2/9/2007 9:26	2/9/2007 17:49		8:23	т	High pressure compressor bleed valves
	u.			2/9/2007 18:08	2/15/2007 17:17	-	143:09	Т	High pressure compressor bleed valves
March	S	3/12/2007 7:00	3/15/2007 15:55	3/12/2007 7:00	3/15/2007 15:55	80:55	æ	80:55 T	Turbine lube of pumps
	s	3/21/2007 8:22	3/21/2007 18:05	3/21/2007 9:22	3/21/2007 18:05	8:43	ຍ	8:43 C	Compressor wash
Apri	S	4/16/2007 7:30	4/16/2007 16:35	4/16/2007 7:30	4/16/2007 16:35	9:05	9	9:05 H	Hydraulic o≩ system

Attachment to Question No. 5 Page 14 of 19 Cooke

Louisville Gas & Electric Company Trimble County Unit 7 - Gas CT - 160 MW November 2006 through April 2007

Schedule vs Actual

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE

> HOURS OF DURATION dured Forced Actual

Borescope inspection

18:07

11/16/2006 6:00 11/17/2006 0:07 18:07

11/17/2006 0:07

11/16/2006 6:00

November S

No Outages > or = 6 Hours No Outages > or = 6 Hours

December

FROM

2

Scheduled

FROM

MONTH

MAINTENANCE

Conductors and buses

6:01

2/14/2007-10:14 2/14/2007 16:15

7:51

3/23/2007 15:21

3/23/2007 7:30

3/23/2007 15:21

3/23/2007 7:30

ш o

February

March April

January

No Outages > or = 6 Hours

ţ			
ssor wa			
Compre			
7:51 Compressor wash			
7			

## Attachment to Question No. 5 Page 15 of 19 Cooke

Louisvälle Gas & Electric Company Trimble County Unit 8 - Gas CT - 160 MW November 2006 through April 2007

Schedule vs Actual

		MAINTENANCE					DEFICIENT OF REPORT SCHEDULED MAINTENANCE OR REASON FOR
	Scheduled		Actual		HOURS OF DURATION	URATION	
MONTH	FROM	10	FROM	TO	Scheduled Forced	ed Actual	Actual FORCED OUTAGE AS APPROPRIALE
November	November No Outages > or = 6 Hours						
December F	Ľ		12/7/2006 18:10	12/8/2006 4:53	10:43	13	Ignition system
January	Ľ		1/31/2007 4:40	14:40 1/31/2007 14:27	9:47	7	Starting system and motor
February	No Outages > or = 6 Hours						
March	Ľ		3/26/2007 12:00	12:00 3/26/2007 18:28	6:28	8	Switchyard equipment
	S 3/28/2007 8:45	3/28/2007 15:20	3/28/2007 8:45	3/28/2007 15:20	6:35	6:35	Compressor wash
April	No Outages > or = 6 Hours						

Attachment to Question No. 5 Page 16 of 19 Cooke

Louisville Gas & Electric Company Trimble County Unit 9 - Gas CT - 160 MW November 2005 through April 2007 MAINTENANCE

2

Scheduled

FROM

Schedule vs Actual

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE

HOURS OF DURATION oblied Forced Actual Conductors and buses

22:05 11:05

2/15/2007 18:10 2/16/2007 16:15 3/12/2007 8:40 3/12/2007 17:45

Fuel valve

.

Compressor blades

98:29

12/11/2006 6:00 12/15/2006 8:29 98:29

12/15/2006 8:29

12/11/2006 6:00

MONTH November December S

No Outages > or = 6 Hours

No Outages > or = 6 Hours

ս ս

January February

March Apri

No Outages > or = 6 Hours

Attachment to Question No. 5 Page 17 of 19 Cooke

Report dates of forced in columns headed Actual

Louisville Gas & Electric Company Trimble County Unit 10 - Gas CT - 160 MW November 2006 through April 2007

Schedule vs Actual

			MAINTENANCE						
	Scheduled			Actual		HOURS	HOURS OF DURATION		REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR
	FROM		10	FROM	10	Scheduled Forced		Actual	Actual FORCED OUTAGE AS APPROPRIATE
	November No Outages > or = 6 Hours	Hours							
	December No Outages > or = 6 Hours	Hours							
	No Outages > or = 6 Hours	Hours							
February	No Outages > or = 6 Hours	Hours							
	No Outages > or = 6 Hours	Hours							
	S 4/12/20/	4/12/2007 6:00	4/12/2007 17:30	4/12/2007 6:00	4/12/2007 6:00 4/12/2007 17:30	11:30		11:30	Intet air vanes
	3 4/13/20	4/13/2007 8:00	4/13/2007 15:15	4/13/2007 9:00	4/13/2007 9:00 4/13/2007 15:15	6:15		6:15	Compressor wash

Attachment to Question No. 5 Page 18 of 19 Cooke

Louisville Gas & Electric Company Zorn Unit 1 - Gas CT - 14 MW November 2006 through April 2007

Schedule vs Actual

		MAINTENANCE					
	Scheduled		Actual		HOURS OF DUR	VIION	HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OK REASON FOR
HUNOW	FROM	10	FROM	10	Scheduled Forced	Actual	Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE
November	No Outages > or = 6 hours						
December 3	S 12/5/2006 10:55	12/7/2006 7:45	12/5/2006 10:55	12/7/2006 7:45	44:50	44:50	Pipeline maintenance
January	No Outages > or = 6 hours						
February	No Outages > or = 6 hours						
March	No Outages'> or = 6 hours						

No Outages > or = 6 hours

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Attachment to Question No. 5 Page 19 of 19 Cooke

### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

#### **Question No. 6**

### Witness: Mike Dotson

- Q-6. List all existing fuel contracts categorized as long-term (i.e., more than 1 year 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.
  - j. Total amount of price escalations to date.
  - k. Current price paid for coal under the contract  $(i \div j)$ .
- A-6. Please see the following pages.

# Attachment to Question No. 6 Page 1 of 15 Dotson

A. NAME/ADDRESS:	Alliance Coal, LLC / LGE06010 1717 South Boulder Avenue Tulsa, Oklahoma 74119-4886
B. PRODUCTION FACILITY: OPERATOR	Hopkins County Coal, Warrior Coal, LLC
MINE LOCATION	and Webster County Coal, LLC Seller's Mines Western Kentucky
C. CONTRACT EXECUTED DATE:	December 16, 2005
D. CONTRACT DURATION:	January 1, 2006 - December 31, 2011
E. CONTRACT AMENDMENTS:	Amendment No. 1 effective September 6, 2006, amending payment terms Amendment No. 2 effective January 1, 2007 detailing shipping method for tonnage Amendment No. 3 effective March 1, 2007 amending payment calculations
F. ANNUAL TONNAGE REQUIREMENTS:	<ul> <li>2006 Up to 3,500,000 tons (Total with Synfuel Solutions Operating Contract)</li> <li>2007 Up to 4,000,000 tons (Total with Synfuel Solutions Operating Contract)</li> <li>2008 through 2011 - 4,000,000 tons per year</li> </ul>
G. ACTUAL TONNAGE RECEIVED:	20063,472,671 tons20071,356,901 tons (through 4/30/07)
H. PERCENT OF ANNUAL REQUIREMENTS:	<ul> <li>2006 99.2 %</li> <li>2007 33.9% (through 4/30/07) Contract (Synfuel Solutions Operating, see page 3 of 15)</li> </ul>
I. BASE PRICE:	2006 Delivery Option 1 - \$1.348/MMBtu Delivery Option 2 - \$1.411/MMBtu
	2007 Delivery Option 3 – \$1.424/MMBtu 2007 Delivery Option 1 - \$32.09 per ton Delivery Option 2 – \$32.48 per ton Delivery Option 2 – \$32.50 per ton
	Delivery Option 3 – \$33.50 per ton 2008 Pricing for 2.0 Million tons: Delivery Option 1 - \$33.58 per ton Delivery Option 2 – \$33.62 per ton Delivery Option 3 – \$34.66 per ton

	2008	Pricing for remaining 2.0 Million tons: To Be Negotiated
	2009	To Be Negotiated
	2010	To Be Negotiated
	2011	To Be Negotiated
	None	
<b>-</b> .	Delive	ry Option 1 - \$32.09 per top

J. ESCALATIONS TO DATE:

K. CURRENT CONTRACT PRICE:

Delivery Option 1 - \$32.09 per ton Delivery Option 2 - \$32.48 per ton Delivery Option 3 - \$33.50 per ton

# Alliance Coal, LLC – LGE06010 / Synfuel Solutions Operating - LGE02015

<b>N A</b> =	Total Tons	Coal Tons	Synfuel Tons
Month	Received	Received	Received
Jan 2006	279,311	71,077	208,234
Feb	275,991	73,406	202,585
Mar	251,795	87,868	163,927
Apr	283,550	145,511	138,039
May	303,626	182,458	121,168
Jun	305,660	108,530	197,130
Jul	245,967	67,081	178,886
Aug	306,047	291,091	14,956
Sep	297,978	223,789	74,189
Oct	302,355	97,322	205,033
Nov	295,094	89,758	205,336
Dec	325,297	103,981	221,316
Year 2006	3,472,671	1,541,872	1,930,799
Jan 2007	332,507	117,912	214,595
Feb	292,344	114,505	177,839
Mar	375,786	175,611	200,175
Apr	356,264	152,012	204,252
Year 2007 ytd	1,356,901	560,040	796,861

I. BASE PRICE (FOB Railcar):	2006\$1.298/MMBtu2007\$30.94 per ton
J. ESCALATIONS TO DATE:	None
K. CURRENT CONTRACT PRICE:	\$30.94 per ton

A. NAME/ADDRESS:

**B. PRODUCTION FACILITY:** 

**OPERATOR** 

LOCATION

MINES

MINES LOCATION Charolais Coal, No. 1, LLC / LGE05011 Highway 862, P.O. Box 1999 Madisonville, Kentucky 42431

Charolais Coal, No. 1, LLC Vogue West and Rock Crusher Mines Muhlenberg County, Kentucky

January 1, 2005 - December 31, 2006

Amendment No. 1 effective August 1, 2006

Sacramento Mine McLean County, Kentucky

amending payment terms

2005

2006

2005

2006

2007

2005

2006

2005

2006

1,000,000 tons

1,000,000 tons

799,878 tons

602,091 tons

\$1.25/MMBtu

\$1.2874/MMBtu

79.9%

60.2%

10,960 tons (carryover)

November 30, 2004

- C. CONTRACT EXECUTED DATE:
- D. CONTRACT DURATION:
- E. CONTRACT AMENDMENTS:
- F. ANNUAL TONNAGE REQUIREMENTS:
- G. ACTUAL TONNAGE: RECEIVED:
- H. PERCENT OF ANNUAL REQUIREMENTS:
- I. BASE PRICE (FOB Barge)
- J. ESCALATIONS TO DATE:

None

I. CURRENT CONTRACT PRICE: Contract ended 12/31/06

A. NAME/ADDRESS:	Charolais Coal, No. 1, LLC / J07003 Highway 862, P.O. Box 1999 Madisonville, Kentucky 42431
B. PRODUCTION FACILITY: OPERATOR MINES LOCATION	Charolais Coal, No. 1, LLC Vogue West and Rock Crusher Mines Muhlenberg County, Kentucky
MINES LOCATION	Sacramento Mine McLean County, Kentucky
C. CONTRACT EXECUTED DATE:	December 21, 2006
D. CONTRACT DURATION:	January 1, 2007 - December 31, 2010
E. CONTRACT AMENDMENTS:	None
F. ANNUAL TONNAGE REQUIREMENTS:	2007600,000 tons2008700,000 tons20091,200,000 tons20101,000,000 tons
G. ACTUAL TONNAGE: RECEIVED:	2007 132,718 tons (through 4/30/07)
H. PERCENT OF ANNUAL REQUIREMENTS:	2007 22.1% (through 4/30/07)
I. BASE PRICE (FOB Barge)	<ul> <li>2007 \$32.20 per ton</li> <li>2008 \$32.75 per ton</li> <li>2009 \$34.10 per ton</li> <li>2010 \$36.11 per ton</li> </ul>
J. ESCALATIONS TO DATE:	None
I. CURRENT CONTRACT PRICE:	\$32.20 per ton

A. NAME/ADDRESS:	Consol Energy / Contract No. LGE05012 1800 Washington Road Pittsburgh, Pennsylvania 15241
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Consolidated Coal Company McElroy and Shoemaker Marshall County, West Virginia
C. CONTRACT EXECUTED DATE:	December 21, 2004
D. CONTRACT DURATION:	January 1, 2005 - December 31, 2008
E. CONTRACT AMENDMENTS:	Amendment No. 1 effective July 14, 2006 amending payment terms Amendment No. 2 effective March 1, 2007 amending payment calculations
F. ANNUAL TONNAGE REQUIREMENTS:	<ul> <li>2005 841,500 tons (Reflects force majeure tonnage of 33,500 tons)</li> <li>2006 875,000 tons</li> <li>2007 1,000,000 tons</li> <li>2008 1,000,000 tons</li> </ul>
G. ACTUAL TONNAGE RECEIVED:	<ul> <li>2005 893,663 tons</li> <li>2006 981,344 tons</li> <li>2007 372,626 tons (through 4/30/07)</li> </ul>
H. PERCENT OF ANNUAL REQUIREMENTS	2005 102.1% 2006 112.2% 2007 37.3% (through 4/30/07)
I. BASE PRICE (FOB Barge):	Quality A           2005         \$1.21926/MMBtu           2006         \$1.24385/MMBtu           2007         \$32.218 per ton           2008         \$32.838per ton           Quality B         2005         \$1.19877/MMBtu           2006         \$1.22295/MMBtu

		98 per ton 08 per ton
J. ESCALATIONS TO DATE:	None	
K. CURRENT CONTRACT PRICE:	Quality A Quality B	\$32.218 per ton \$31.698 per ton

A. NAME/ADDRESS:	Marietta Coal Company / LGE05010 629220 Georgetown Road Cambridge, Ohio 43725
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Marietta Coal Company Belmont Mine Belmont and Jefferson Counties, Ohio
MINE LOCATION	West Virginia Strip Mine Ohio County, West Virginia
C. CONTRACT EXECUTED DATE:	November 15, 2004
D. CONTRACT DURATION:	October 1, 2004 – December 31, 2008
E. CONTRACT AMENDMENTS:	Amendment No. 1 effective June 15, 2005 amending quality and price for two months Amendment No. 2 effective September 15, 2006 amending payment terms Amendment No. 3 effective March 1, 2007 amending payment calculations
F. ANNUAL TONNAGE REQUIREMENTS:	200430,000 tons2005200,000 tons2006100,000 tons2007150,000 tons2008150,000 tons
G. ACTUAL TONNAGE RECEIVED:	<ul> <li>2004 13,235 tons</li> <li>2005 104,512 tons</li> <li>2006 198,757 tons</li> <li>2007 54,437 tons (through 4/30/07)</li> </ul>
H. PERCENT OF ANNUAL REQUIREMENTS:	<ul> <li>2004 44.1%</li> <li>2005 52.3%</li> <li>2006 54.4% (includes 2005 carryover)</li> <li>2007 36.3% (through 4/30/07)</li> </ul>
I. BASE PRICE (FOB Barge):	2004 \$1.194/MMBtu 2005 \$1.194/MMBtu 2006 \$1.216/MMBtu

Attachment to Question No. 6 Page 9 of 15 Dotson

2007\$27.75 per ton2008\$28.25 per ton

J. ESCALATIONS TO DATE:

None

K. CURRENT CONTRACT PRICE:

\$27.25 per ton (due to carryover)

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:
- G. ACTUAL TONNAGE RECEIVED:
- H. PERCENT OF ANNUAL REQUIREMENTS:
- I. BASE PRICE (FOB Barge):

Peabody COALSALES / LGE06012 701 Market Street, Suite 830 St. Louis, Missouri 63101-1826

Patriot Coal and Ohio County 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, 2008

Amendment No. 1 effective September 7, 2006 amending payment terms Amendment No. 2 effective November 20, 2006 adding coal synfuel Amendment No. 3 effective March 1, 2007 amending payment calculations

- 2006 937,500 tons (Total with Synthetic Fuel Enterprises Contract)
- 2007 2,000,000 tons (Total with Synthetic Fuel Enterprises Contract)
- 2008 3,000,000 tons
- 2006 967,210 tons
- 2007 612,664 (through 4/30/07) (See page 12 of 15)
- 2006 103.2.5%
- 2007 30.6% (through 4/30/07) (See page 12 of 15)
- 2006 \$1.38/MMBtu Quality A Barge \$1.273/MMBtu – Quality B Rail \$1.38/MMBtu – Quality B Barge

- 2007 \$30.60 per ton Quality A Barge \$28.60 per ton – Quality B Rail \$31.02 per ton – Quality B Barge
- 2008 \$31.25 per ton Quality A Barge \$29.26 per ton – Quality B Rail \$31.68 per ton – Quality B Barge

J. ESCALATIONS TO DATE:

None

K. CURRENT CONTRACT PRICE:

\$30.60 per ton – Quality A Barge \$28.60 per ton – Quality B Rail \$31.02 per ton – Quality B Barge

Attachment to Question No. 6 Page 12 of 15 Dotson

## LOUISVILLE GAS and ELECTRIC COMPANY

# Peabody COALSALES – LGE06012 / Synthetic American Fuel Enterprises – J07005

Month	Total Tons Received	Coal Tons Received	Synfuel Tons Received
Jan 2006	0	0	0
Feb	0	0	0
Mar	0	0	0
Apr	76,984	76,984	0
May	100,300	100,300	0
Jun	109,962	109,962	0
Jul	101,033	101,033	0
Aug	113,886	113,886	0
Sep	94,660	94,660	0
Oct	117,581	117,581	0
Nov	126,401	119,638	6,763
Dec	126,403	59,002	67,401
Year 2006	967,210	893,046	74,164
Jan 2007	132,639	54,017	78,622
Feb	131,569	60,025	71,544
Mar	180,531	111,574	68,957
Apr	167,925	87,908	80,017
Year 2007 ytd	612,664	313,524	299,140

I. BASE PRICE:	2006 \$1.223/MMBtu - FOB Railcar 2006 \$1.330/MMBtu - FOB Barge
	2007 \$27.50 per ton – FOB Railcar 2007 \$29.92 per ton – FOB Barge
J. ESCALATIONS TO DATE:	None
K. CURRENT CONTRACT PRICE:	\$27.50 per ton – FOB Railcar \$29.92 per ton – FOB Barge

A. NAME/ADDRESS:	Sands Hill Coal Company / J07004 38701 State Road 160 Hamden, Ohio 45634
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	Sands Hill Coal Company Sands Hill Mine Jackson and Vinton Counties, Ohio
C. CONTRACT EXECUTED DATE:	January 2, 2007
D. CONTRACT DURATION:	January 1, 2007 – December 31, 2008
E. CONTRACT AMENDMENTS:	
F. ANNUAL TONNAGE REQUIREMENTS:	2007 140,000 tons 2008 180,000 tons
G. ACTUAL TONNAGE RECEIVED:	2007 35,843 tons (through 4/30/07)
H. PERCENT OF ANNUAL REQUIREMENTS:	2007 25.6% (through 4/30/07)
I. BASE PRICE (FOB Barge):	2007\$34.50 per ton2008\$35.50 per ton
J. ESCALATIONS TO DATE:	None
K. CURRENT CONTRACT PRICE:	\$34.50 per ton

A. NAME/ADDRESS:	Smoky Mountain Coal Corp. / LGE02013 9725 Cogdill Road, Suite 203 Knoxville, Tennessee 42413	
B. PRODUCTION FACILITY: OPERATOR MINE LOCATION	KMMC Mining Vision #9 Webster County, Kentucky	
OPERATOR MINE LOCATION	Allied Reserves, Inc. Onton Reserve Webster County, Kentucky	
C. CONTRACT EXECUTED DATE:	February 27, 2002	
D. CONTRACT DURATION:	January 1, 2002 - December 31, 2008	
E. CONTRACT AMENDMENTS:	Amendment No. 1 effective January 1, 2004 amending term, quantity, quality, and price. Amendment No. 2 effective January 1, 2006 amending term, base quantity price and quality Amendment No. 3 effective August 7, 2006 amending payment terms Amendment No. 4 effective January 1, 2007 amending term, quantity, quality, and price. Amendment No. 5 effective March 1, 2007 amending payment calculation	
F. ANNUAL TONNAGE REQUIREMENTS:	2002200,000 tons2003250,000 tons2004300,000 tons2005350,000 tons2006600,000 tons2007425,000 tons2008475,000 tons2009200,000 tons	
G. ACTUAL TONNAGE RECEIVED:	2002332,115 tons2003275,535 tons2004314,929 tons2005357,881 tons	

H. PERCENT OF ANNUAL REQUIREMENTS:

I. BASE PRICE (FOB Barge):

2006 600,628 tons 2007 219,348 tons (through 4/30/07) 2002 166.1% 2003 110.2% 2004 78.7% 2005 102.3% 2006 141.3% 2007 51.6% (through 4/30/07) Quality A 2002 / 2003 \$1.154/MMBtu 2004 \$1.194/MMBtu Quality B 2002 / 2003 \$1.123/MMBtu 2004 \$1.161/MMBtu Quality C 2004 \$1.02/MMBtu 2005 \$1.06/MMBtu 2006 \$1.261/MMBtu 2007 \$30.22 per ton \$31.00 per ton 2008 2009 \$35.95 per ton Quality D 2004 \$.995/MMBtu 2005 \$1.03/MMBtu 2006 \$1.241/MMBtu 2007 \$29.24 per ton 2008 \$30.01 per ton 2009 34.87 per ton None Quality C

### J. ESCALATIONS TO DATE:

K. CURRENT CONTRACT PRICE:

\$30.22 per ton

Quality D \$29.24 per ton

### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

### Case No. 2007-00279

#### **Question No. 7**

### Witness: Mike Dotson

- Q-7. a. Does LG&E regularly compare the price of its coal purchases with those paid by other electric utilities?
  - b. If yes, state:
    - (1) How LG&E's prices compare with those of other utilities for the review period.
    - (2) The utilities that are included in this comparison and their location.
- A-7. a. Yes.
  - b. Please see the attached sheet.

UTILITY	MAY 06 - APR 07 ¢/MMBTU	PLANT LOCATIONS
Ameren Energy Resources	143.78	Illinois
AmerenEnergy Generating Co.	135.41	Illinois
Appalachian Power Co.	191.28	Virginia, West Virginia
Cardinal Operating Co.	167.71	Ohio
Cincinnati Gas & Electric Co.	168.67	Kentucky, Ohio
Columbus Southern Power Co.	169.17	Ohio
Dayton Power & Light Co.	197.95	Ohio
Duke Energy of Indiana	144.45	Indiana
East Kentucky Power Coop, Inc.	215.71	Kentucky
Electric Energy, Inc.	99.74	Illinois
Hoosier Energy Rural Electric Coop, Inc.	123.97	Indiana
Indiana Michigan Power Co.	169.28	Indiana
Indiana-Kentucky Electric Corp.	153.81	Indiana
Indianapolis Power & Light Co.	127.02	Indiana
Kentucky Power Co.	192.30	Kentucky
Kentucky Utilities Co.	214.55	Kentucky
Louisville Gas & Electric Co.	152.14	Kentucky
Monongahela Power Co.	167.88	West Virginia
Northern Indiana Public Service Co.	171.89	Indiana
Ohio Power Co.	140.58	Ohio, West Virginia
Ohio Valley Electric Corp.	170.83	Ohio
Owensboro Municipal Utilities	99.25	Kentucky
Southern Indiana Gas & Electric Co.	168.10	Indiana
Tennessee Valley Authority	171.50	Alabama, Kentucky, Tennesse

Louisville Gas & Electric Co. ranked 9th for the 12-month period.

# Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

# **Question No. 8**

## Witness: Mike Dotson

- Q-8. State the percentage of LG&E's coal, as of the date of this Order, that is delivered by:
  - a. rail.
  - b. truck.
  - c. barge.
- A-8. a. rail 42%
  - b. truck 0 %
  - c. barge 58%

### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

#### **Question No. 9**

#### Witness: Mike Dotson

- Q-9. a. State LG&E's coal inventory level in tons and in number of days' supply as of April 30, 2007.
  - b. Describe the criteria used to determine number of days' supply.
  - c. Compare LG&E's coal inventory as of April 30, 2007 to its inventory target for that date.
  - d. If actual coal inventory exceeds inventory target by at least 10 days' supply, state the reasons for excessive inventory.
  - e. (1) Does LG&E expect 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-9. a. As of April 30, 2007: 1,317,713 tons; 59 Days
  - b. PSC Formula

Days Burn = <u>Current inventory tons</u> X 365 Days Preceding 12 months' burn (tons)

- c. Target: 35-50 Days
- d. The actual coal inventory does not exceed the inventory target by 10 days.
- e. (1) No.
  - (2) Not applicable.

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### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

### Question No. 10

### Witness: Mike Dotson

- Q-10. a. Has LG&E audited any of its coal contracts during the period from November 1, 2006 through April 30, 2007?
  - b. If yes, for each audited contract:
    - (1) Identify the contract.
    - (2) Identify the auditor.
    - (3) State the results of the audit.
    - (4) Describe the actions that LG&E took as a result of the audit.
- A-10. a. No. LG&E has not conducted any financial audits of coal companies. LG&E's current coal contracts are fixed price. In the case of coal delivered by truck to a barge loading dock, a portion of the base contract price is adjusted using government published indices to reflect the changes in the cost of diesel fuel. These agreements thus do not require audits. 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.

CONSOL Energy in accordance with the provisions of Section 8.4 New Imposition of the Agreement LGE-05012 requested a Base Price increase of \$0.708 per ton effective January 1, 2007.

LG&E is paying the price adjustment for government impositions subject to review and analysis of the request. LG&E has hired Weir International, Inc. (a consultant with experience in the mining industry) to review the request. LG&E's Manager Fuels Technical Services and Mining Engineer do conduct scheduled on-site reviews and inspections of the mining operations and sampling systems of each vendor up to twice a year and may conduct unscheduled visits. Additionally, LG&E employees may visit a vendor as needed to address problems and issues at any time.

b. Not applicable.

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### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

### Case No. 2007-00279

### **Question No. 11**

### Witness: Robert M. Conroy

- Q-11. a. Has LG&E received any customer complaints regarding its FAC during the period from November 1, 2006 through April 30, 2007?
  - b. If yes, for each complaint, state:
  - (1) The nature of the complaint.
  - (2) LG&E's response.
- A-11. a. No.
  - b. Not Applicable.

.

### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

# **Question No. 12**

### Witness: Mike Dotson

- Q-12. a. Is LG&E 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 LG&E.
    - (4) List the issues presented.
    - (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.
  - c. State the current status of all litigation with coal suppliers.

# A-12. a. Yes

# b. Coal Supply Agreement - Kindill Mining

- (1) Kindill Mining: Kindill Mining (an affiliate of Horizon Natural Resources successor of AEI Coal Sales Company, Inc.) filed for Chapter 11 bankruptcy protection on August 25, 2003, LG&E filed a Proof of Claim on October 18, 2004.
- (2) Coal Supply Agreement LG&E 97-211-026 dated July 1, 1997.
- (3) LG&E seeks to recover cover damages sustained by LG&E arising from the rejection of the Contract.

- (4) The Contract was rejected by the Debtor pursuant to an Order rejecting certain executory contracts entered on September 30, 2004.
- (5) A copy of the Proof of Claim filed in the United States Bankruptcy Court in the Eastern District of Kentucky was filed with the Commission as part of the hearing to Case No. 2004-00466.
- c. A liquidating plan was approved and the claims process is ongoing.

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### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

#### **Question No. 13**

## Witness: Mike Dotson

- Q-13. a. During the period from November 1, 2006 through April 30, 2007, have there been any changes to LG&E's written policies and procedures regarding its fuel procurement?
  - b. If yes:
    - (1) Describe the changes.
    - (2) Provide these written policies and procedures as changed.
    - (3) State the date the changes were made.
    - (4) Explain why the changes were made.

#### A-13. a. No change.

b. Not applicable.

# Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

#### **Question No. 14**

## Witness: Mike Dotson

- Q-14. a. Is LG&E aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period from November 1, 2006 through April 30, 2007?
  - b. If yes, for each violation:
    - (1) Describe the violation.
    - (2) Describe the action(s) that LG&E took upon discovering the violation.
    - (3) Identify the person(s) who committed the violation.

A-14. a. No.

b. Not applicable.

## Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

### **Question No. 15**

### Witness: Mike Dotson

- Q-15. Identify and explain the reasons for all changes that occurred during the period from November 1, 2006 through April 30, 2007 in the organizational structure and personnel of the departments or divisions that are responsible for LG&E's fuel procurement activities.
- A-15. The following changes occurred in the Fuels Department during the period under review.

Ron Arnold (Accounting Analyst) joined the Fuels Department as a contractor on November 26, 2006

Don Carpenter was hired as a full time temporary employee to replace Eric Bliss (who left the company) as Fuels Procurement Associate for WKE on December 26, 2006.

# Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

Case No. 2007-00279

### **Question No. 16**

### Witness: Scott Cooke

- Q-16. a. Identify all changes that LG&E has made during the period under review to its maintenance and operation practices that also affect fuel usage at LG&E's generation facilities.
  - b. Describe the impact of these changes on LG&E's fuel usage.

# A-16. a. None

b. Not applicable

### Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

#### **Question No. 17**

### Witness: Mike Dotson

- Q-17. List each written coal supply solicitation issued during the period from November 1, 2006 through April 30, 2007.
  - 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.
- A-17.

a. Date: March 6, 2007
Contract/Spot: Contract and Spot
Quantities: No minimum or maximum specified
Quality: Suitable for LG&E power plants, KU's Ghent power plant and KU's
E.W. Brown power plant (beginning mid-year 2009)
Period: Up to ten years
Generating Units: All LG&E coal fired units, KU's Ghent power plant and KU's E.W. Brown power plant (beginning mid-year 2009)

b. Number of vendors receiving bids: 162
Number of vendor responses: 16
Selected vendors: The final selection of the vendors has not been made at this time. Negotiations are still in progress. The names of the selected vendors and the supporting bid tabulation sheet will be provided to the Commission after the negotiations are complete and the vendors are chosen.

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# Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

# Case No. 2007-00279

# **Question No. 18**

## Witness: Mike Dotson

- Q-18. List each oral coal supply solicitation issued during the period from November 1, 2006 through April 30, 2007.
  - 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.
- A-18. a. None.
  - b. Not applicable.

# Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

### Case No. 2007-00279

### **Question No. 19**

## Witness: Robert M. Conroy

- Q-19. a. List all intersystem sales during the period under review in which LG&E used a third party's transmission system.
  - b. For each sale listed above:
    - (1) Describe how LG&E addressed for FAC reporting purposes the cost of fuel expended to cover any line losses incurred to transmit its power across the third party's transmission system.
    - (2) State the line loss factor used for each transaction and describe how that line loss factor was determined.
- A-19. a. Total LG&E/KU intersystem sales during the review period where a third party's transmission system was used:

Date	Customer	MWh Sold
Feb 8, 2007	AEP	100
Feb 8, 2007	FORTIS	89
Feb 27, 2007	COBB	128

When sales are made outside of the LG&E/KU control area, some require third party transmission purchases to deliver power outside of the LG&E/KU system. One transmission provider, TVA, was used for third party transmission purchases associated with off system sales. The volume of losses generated for sales during the six-month period under review are:

TVA 10 MWh

b. (1) When the Companies make sales where losses are required across a third party transmission system in order to deliver the power, the fuel burned or power purchased for the energy sold and associated losses are included as a costs for off system sales and excluded from recovery thru the FAC. For example, if the Companies make a 100 MWh sale to a party located on the

other side of the TVA control area, the Companies will be required to deliver 103 MWhs to TVA in order to deliver the 100 MWhs to the counterparty. In this case the Companies will determine the fuel burned or power purchased in order to supply the 103 MWhs and exclude that cost from recovery in the FAC.

(2) The transmission provider calculates the line loss factor when transmission is purchased. The appropriate factor is part of that company's tariff, and is stated on the Oasis web site maintained by that company. The line loss factor for TVA is 3%.

## Response to Information Requested in Appendix A of Commission's Order Dated August 3, 2007

#### Case No. 2007-00279

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

#### Witness: Robert M. Conroy

- Q-20. Describe each change that LG&E made during the period under review to its methodology for calculating intersystem sales line losses.
- A-20. There have been no changes. LG&E 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 December 2, 1999 Order in Case No. 96-524-A, 96-524-B, 96-524-C, and the March 25, 2003 Order in Case No. 2002-00225.