

**Andrea M. Fackler**

Manager, Revenue Requirement/Cost of Service  
State Regulation and Rates  
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**VIA ELECTRONIC FILING**

Ms. Linda Bridwell  
Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40601-8294

RECEIVED

APR 14 2025

PUBLIC SERVICE  
COMMISSION

April 14, 2025

Dear Ms. Bridwell:

Enclosed are completed forms for Louisville Gas and Electric Company showing fuel inventories, power transactions, fuel purchases, and SEEM activities for the month of February 2025.

Sincerely,

Andrea M. Fackler

Enclosures

Company: Louisville Gas and Electric Company

Plant: Mill Creek and Trimble County

Month Ended: February 28, 2025

**Fuel: Coal**

**Mill Creek High Sulfur**

		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	1/31/2025	\$ 40,366,499.00	15,521,002.78	\$ 2.6008	676,883.84	\$ 59.6358
Add: Purchases		\$ 14,533,734.05	5,547,747.62	\$ 2.6198	232,767.39	\$ 62.4389
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 54,900,233.05	21,068,750.40	\$ 2.6058	909,651.23	\$ 60.3531
Less: Fuel Burned		\$ 14,318,768.20	5,557,805.11	\$ 2.5763	240,793.00	\$ 59.4651
Ending Inventory	2/28/2025	\$ 40,581,464.85	15,510,945.29	\$ 2.6163	668,858.23	\$ 60.6727

**Trimble County High Sulfur**

		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	1/31/2025	\$ 11,907,946.23	5,322,068.68	\$ 2.2375	233,481.69	\$ 51.0016
Add: Purchases		\$ 7,944,834.57	3,724,209.45	\$ 2.1333	163,159.25	\$ 48.6937
Adjustments		\$ (2,823,942.88) (2)	(1,342,776.12) (2)	\$ 2.1031	(58,795.92) (2)	\$ 48.0296
Sub-Total		\$ 17,028,837.92	7,703,502.01	\$ 2.2105	337,845.02	\$ 50.4043
Less: Fuel Burned-Jurisdictional		\$ 6,184,911.76	2,780,584.28	\$ 2.2243	122,021.78	\$ 50.6869
Fuel Burned-Non-Jurisdictional		\$ 2,283,692.54	1,026,714.18	\$ 2.2243	45,055.81	\$ 50.6859
Total Burn		\$ 8,468,604.30	3,807,298.46	\$ 2.2243	167,077.59	\$ 50.6867
Ending Inventory	2/28/2025	\$ 8,560,233.62	3,896,203.55	\$ 2.1971	170,767.43	\$ 50.1280

**Trimble County PRB**

		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	1/31/2025	\$ 2,092,082.21	725,688.52	\$ 2.8829	40,717.87	\$ 51.3799
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ 424,717.09 (3)	163,117.71 (3)	\$ 2.6037	9,028.03 (3)	\$ 47.0443
Sub-Total		\$ 2,516,799.30	888,806.23	\$ 2.8317	49,745.90	\$ 50.5931
Less: Fuel Burned-Jurisdictional		\$ 404,664.23	142,182.94	\$ 2.8461	7,967.94	\$ 50.7866
Fuel Burned-Non-Jurisdictional		\$ 149,417.27	52,500.20	\$ 2.8460	2,942.11	\$ 50.7858
Total Burn		\$ 554,081.50	194,683.14	\$ 2.8461	10,910.05	\$ 50.7863
Ending Inventory	2/28/2025	\$ 1,962,717.80	694,123.09	\$ 2.8276	38,835.85	\$ 50.5388

**Coal In Transit**

		Amount	MMBTU	Per Unit	Tons	Per Unit
Coal In Transit	2/28/2025	\$ 4,843,208.33 (1)	2,300,398.68 (1)	\$ 2.1054	100,915.11 (1)	\$ 47.9929
Total Combined Inventory	2/28/2025	\$ 55,947,624.60	22,401,670.61	\$ 2.4975	979,376.63	\$ 57.1258

(1) Coal In Transit consists of coal purchased and owned by LG&E but has not arrived at the plants.

(2) Adjustment to transfer KU's portion of Trimble County 2 coal between LG&E and KU; barge costs and fleeting.

(3) Adjustment to transfer LG&E's portion of Trimble County 2 coal between LG&E and KU; as well as for barge costs, fleeting, solid fuel, demurrage transloading.

Company: Louisville Gas and Electric Company

Plant: Mill Creek, Paddy's Run, Cane Run, Trimble County, and E.W. Brown

Month Ended: February 28, 2025

**Fuel: Natural Gas**

<b><u>Paddy's Run</u></b>		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	1/31/2025	\$ -	-	\$ -
Add: Purchases		\$ 343,558.59	45,636	\$ 7.5282
Paddy's Run Fixed Gas Demand Charge		\$ 376,021.67	-	\$ -
Total Purchases		\$ 719,580.26	45,636	\$ 15.7678
Adjustments		\$ 56,653.97 (1)	-	\$ -
Sub-Total		\$ 776,234.23	45,636	\$ 17.0093
Less: Fuel Burned LG&E Share		\$ 453,702.35	24,187	\$ 18.7581
Paddy's Run Purchases Allocated to KU		\$ 188,100.60	21,449	\$ 8.7697
Paddy's Run Fixed Gas Demand Charge Allocated to KU		\$ 134,431.28	-	\$ -
Total Burn		\$ 776,234.23	45,636	\$ 17.0093
Ending Inventory	2/28/2025	\$ -	-	\$ -
<b><u>Mill Creek</u></b>		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	1/31/2025	\$ -	-	\$ -
Add: Purchases		\$ 273,168.47	24,510	\$ 11.1452
Total Purchases		\$ 273,168.47	24,510	\$ 11.1452
Adjustments		\$ -	-	\$ -
Sub-Total		\$ 273,168.47	24,510	\$ 11.1452
Less: Fuel Burned		\$ 273,168.47	24,510	\$ 11.1452
Total Burn		\$ 273,168.47	24,510	\$ 11.1452
Ending Inventory	2/28/2025	\$ -	-	\$ -
<b><u>Cane Run 7</u></b>		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	1/31/2025	\$ 336,431.50	80,525	\$ 4.1780
Add: Purchases		\$ 10,314,579.28	2,509,977	\$ 4.1094
Fixed Gas Demand Charge		\$ 814,888.33	-	\$ -
Total Purchases		\$ 11,129,467.61	2,509,977	\$ 4.4341
Adjustments		\$ 77,442.65 (1)	(36,397) (2)	\$ (2.1277)
Sub-Total		\$ 11,543,341.76	2,554,105	\$ 4.5195
Less: Fuel Burned LG&E Share		\$ 2,270,737.98	497,908	\$ 4.5606
Current Month Purchases Allocated to KU		\$ 7,152,763.88	1,702,500	\$ 4.2013
Fuel Inventory Allocated to KU		\$ 262,416.57	62,810	\$ 4.1780
Fixed Gas Demand Charge Allocated to KU		\$ 635,612.90	-	\$ -
Total Burn		\$ 10,321,531.33	2,263,217	\$ 4.5606
Ending Inventory	2/28/2025	\$ 1,221,810.43	290,888	\$ 4.2003

**Trimble County Start-up and Stabilization**

		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	1/31/2025	\$ -	-	\$ -
Add: Purchases		\$ 133,371.11	22,834	\$ 5.8409
Fixed Gas Demand Charge		\$ 238,100.78	-	\$ -
Total Purchases		<u>\$ 371,471.89</u>	<u>22,834</u>	<u>\$ 16.2684</u>
Adjustments		<u>\$ (45.22)</u>	-	\$ -
Sub-Total		\$ 371,426.67	22,834	\$ 16.2664
Less: Fuel Burned LG&E Share-Jurisdictional		\$ 158,342.67	12,163	\$ 13.0184
Fuel Burned Non-Jurisdictional		\$ 58,522.42 (3)	4,496 (3)	\$ 13.0166
Purchases Allocated to KU		\$ 36,056.22	6,175	\$ 5.8391
Fixed Gas Demand Charge Allocated to KU		\$ 118,505.36	-	\$ -
Total Burn		<u>\$ 371,426.67</u>	<u>22,834</u>	<u>\$ 16.2664</u>
Ending Inventory	2/28/2025	\$ -	-	\$ -

**Trimble County CTs**

		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	1/31/2025	\$ 313,096.30	65,266	\$ 4.7972
Add: Purchases		\$ 4,507,178.72	773,657	\$ 5.8258
Fixed Gas Demand Charge		\$ 3,160,259.22	-	\$ -
Total Purchases		<u>\$ 7,667,437.94</u>	<u>773,657</u>	<u>\$ 9.9106</u>
Adjustments		<u>\$ 15,274.99 (1)</u>	<u>(11,043) (2)</u>	<u>\$ (1.3832)</u>
Sub-Total		\$ 7,995,809.23	827,880	\$ 9.6582
Less: Fuel Burned LG&E Share		\$ 2,418,038.36	228,221	\$ 10.5952
Trimble County Start-up and Stabilization LG&E Share		\$ 97,269.67	16,659	\$ 5.8389
Current Month Fuel Purchases Allocated to KU		\$ 2,372,568.10	398,511	\$ 5.9536
Fuel Inventory Allocated to KU		\$ 206,411.19	43,027	\$ 4.7973
Fixed Gas Demand Charge Allocated to KU		\$ 2,075,236.90	-	\$ -
Trimble County Start-up and Stabilization KU Share		\$ 36,056.22	6,175	\$ 5.8391
Total Burn		<u>\$ 7,205,580.44</u>	<u>692,593</u>	<u>\$ 10.4038</u>
Ending Inventory	2/28/2025	\$ 790,228.79	135,287	\$ 5.8411

**Brown CTs**

		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	1/31/2025	\$ -	-	\$ -
Add: Current Month Purchases Allocated from KU		\$ 365,791.87	38,110	\$ 9.5983
Fuel Inventory allocated from KU		\$ 124,347.98	15,490	\$ 8.0276
Total Purchases		<u>\$ 490,139.85</u>	<u>53,600</u>	<u>\$ 9.1444</u>
Adjustments		\$ -	-	\$ -
Sub-Total		<u>\$ 490,139.85</u>	<u>53,600</u>	<u>\$ 9.1444</u>
Less: Fuel Burned		<u>\$ 490,139.85</u>	<u>53,600</u>	<u>\$ 9.1444</u>
Ending Inventory	2/28/2025	\$ -	-	\$ -
Total Combined Inventory	2/28/2025	<u><u>\$ 2,012,039.22</u></u>	<u><u>426,175</u></u>	<u>\$ 4.7212</u>

(1) Includes depreciation addition, current month prepaid gas accrual, and/or third-party gas scoping cost accrual. Offset by reversal of prior month gas and scoping cost accrual.

(2) Includes current month prepaid gas accrual. Offset by reversal of prior month gas accrual and pipeline inventory loss adjustments.

(3) Represents the partnership allocation for start-up and stabilization gas.



Louisville Gas and Electric Company

Power Transaction Schedule

Month Ended February 28, 2025

Company	Type of Transaction	KWH	Billing Components				
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)	
<b>Purchases</b>							
ENERGY IMBALANCE	IMBL	Economy	664,000	\$ -	\$ 22,571.57	\$ -	\$ 22,571.57
TENNESSEE VALLEY AUTHORITY	TVA	Economy	133,000	\$ -	\$ 13,265.57	\$ -	\$ 13,265.57
LQF TARIFF PURCHASE POWER	LQF TARIFF	Economy	51,980	\$ -	\$ 1,565.74	\$ -	\$ 1,565.74
SOLAR SHARE PROGRAM	SSP	SSP	-	\$ -	\$ 469.22	\$ -	\$ 469.22
NMS-2	NMS-2	NMS-2	455,414	\$ -	\$ 33,960.63	\$ -	\$ 33,960.63
SQF TARIFF PURCHASE POWER	SQF TARIFF	SQF Tariff	4,400	\$ -	\$ 132.66	\$ -	\$ 132.66
KENTUCKY UTILITIES COMPANY	KU	Economy	48,935,000	\$ -	\$ 1,275,387.29	\$ 8,563.51	\$ 1,283,950.80
OHIO VALLEY ELECTRIC CORPORATION	OVEC	Economy	52,457,000	\$ 1,950,194.16	\$ 1,979,557.97	\$ -	\$ 3,929,752.13
<b>Total Purchases</b>			<b>102,700,794</b>	<b>\$ 1,950,194.16</b>	<b>\$ 3,326,910.65</b>	<b>\$ 8,563.51</b>	<b>\$ 5,285,668.32</b>
<b>Sales</b>							
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	43,000	\$ -	\$ 1,216.85	\$ 1,363.12	\$ 2,579.97
ENERGY IMBALANCE	IMBL	Economy	248,000	\$ -	\$ 4,274.55	\$ 4,593.90	\$ 8,868.45
MACQUARIE ENERGY, LLC	MACQUARIE	Economy	1,743,000	\$ -	\$ 38,343.85	\$ 42,953.18	\$ 81,297.03
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy	16,237,000	\$ -	\$ 483,245.56	\$ 541,336.61	\$ 1,024,582.17
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	23,671,000	\$ -	\$ 727,326.46	\$ 814,758.42	\$ 1,542,084.88
RAINBOW ENERGY MARKETING CORP	REMC	Economy	5,853,000	\$ -	\$ 145,501.99	\$ 162,992.83	\$ 308,494.82
THE ENERGY AUTHORITY	TEA	Economy	5,000	\$ -	\$ 93.59	\$ 104.86	\$ 198.45
TENNESSEE VALLEY AUTHORITY	TVA	Economy	2,348,000	\$ -	\$ 57,324.10	\$ 64,215.04	\$ 121,539.14
ASSOCIATED ELECTRIC COOPERATIVE INC.-SEEM	AECI	Economy	27,000	\$ -	\$ 510.12	\$ 571.44	\$ 1,081.56
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	Economy	908,000	\$ -	\$ 25,542.96	\$ 28,613.49	\$ 54,156.45
DUKE ENERGY FLORIDA, LLC-SEEM	DUKEFLORIDA	Economy	58,000	\$ -	\$ 1,186.32	\$ 1,328.93	\$ 2,515.25
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	Economy	192,000	\$ -	\$ 3,589.48	\$ 4,020.99	\$ 7,610.47
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NC EMC	Economy	61,000	\$ -	\$ 1,245.61	\$ 1,395.34	\$ 2,640.95
THE ENERGY AUTHORITY-SEEM	TEAM	Economy	92,000	\$ -	\$ 1,839.27	\$ 2,060.37	\$ 3,899.64
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	Economy	879,000	\$ -	\$ 18,379.79	\$ 20,589.24	\$ 38,969.03
KENTUCKY UTILITIES COMPANY	KU	Economy	57,295,000	\$ -	\$ 1,545,265.52	\$ 27,513.70	\$ 1,572,779.22
<b>Total Sales</b>			<b>109,660,000</b>	<b>\$ -</b>	<b>\$ 3,054,886.02</b>	<b>\$ 1,718,411.46</b>	<b>\$ 4,773,297.48</b>



**Detailed Power Transaction Schedule**  
**Month Ended February 28, 2025**

<u>Company</u>		KWH	Native Load			Forced Outages		
			Energy Cost (\$)	KWH	\$/MWH	Energy Cost (\$)	KWH	\$/MWH
<b><u>Purchases</u></b>								
ENERGY IMBALANCE	IMBL	664,000	\$ 5,327.07	164,000	\$ 32.48	\$ 4,570.42	148,000	\$ 30.88
TENNESSEE VALLEY AUTHORITY	TVA	133,000	\$ -	-	\$ -	\$ -	-	\$ -
LQF TARIFF PURCHASE POWER	LQF TARIFF	51,980	\$ 1,565.74	51,980	\$ 30.12	\$ -	-	\$ -
SOLAR SHARE PROGRAM	SSP	-	\$ 469.22	-	\$ -	\$ -	-	\$ -
NMS-2	NMS-2	455,414	\$ 33,960.63	455,414	\$ 74.57	\$ -	-	\$ -
SQF TARIFF PURCHASE POWER	SQF TARIFF	4,400	\$ 132.66	4,400	\$ 30.15	\$ -	-	\$ -
KENTUCKY UTILITIES COMPANY	KU	48,935,000	\$ 1,002,230.36	39,811,000	\$ 25.17	\$ -	-	\$ -
OHIO VALLEY ELECTRIC CORPORATION	OVEC	52,457,000	\$ 2,017,832.74	52,457,000	\$ 38.47	\$ -	-	\$ -
<b>Total Purchases</b>		<b>102,700,794</b>	<b>\$ 3,061,518.42</b>	<b>92,943,794</b>	<b>\$ 32.94</b>	<b>\$ 4,570.42</b>	<b>148,000</b>	<b>\$ 30.88</b>

\*19,693 kWh related to the Solar Share Program are included in generation for FAC purposes

<b><u>Sales</u></b>								
INDIANA MUNICIPAL POWER AGENCY	IMPA	43,000						
ENERGY IMBALANCE	IMBL	248,000						
MACQUARIE ENERGY, LLC	MACQUARIE	1,743,000						
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	16,237,000						
PJM INTERCONNECTION ASSOCIATION	PJM	23,671,000						
RAINBOW ENERGY MARKETING CORP	REMC	5,853,000						
THE ENERGY AUTHORITY	TEA	5,000						
TENNESSEE VALLEY AUTHORITY	TVA	2,348,000						
ASSOCIATED ELECTRIC COOPERATIVE INC.-SEEM	AECI	27,000						
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	908,000						
DUKE ENERGY FLORIDA, LLC-SEEM	DUKEFLORIDA	58,000						
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	192,000						
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	61,000						
THE ENERGY AUTHORITY-SEEM	TEAM	92,000						
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	879,000						
KENTUCKY UTILITIES COMPANY	KU	57,295,000						
<b>Total Sales</b>		<b>109,660,000</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>



Detailed Power Transaction Schedule  
Month Ended February 28, 2025

Company	KWH	OSS Purchases			Adj. From Prior Month (\$)	Total Energy * Charges (\$)	Demand(\$)	Other Charges(\$)	Total Charges(\$)
		Energy Cost (\$)	KWH	\$/MWH					
<b>Purchases</b>									
ENERGY IMBALANCE	IMBL	664,000	\$ 12,674.08	352,000	\$ 36.01	\$ -	\$ 22,571.57	\$ -	\$ 22,571.57
TENNESSEE VALLEY AUTHORITY	TVA	133,000	\$ 13,265.57	133,000	\$ 99.74	\$ -	\$ 13,265.57	\$ -	\$ 13,265.57
LQF TARIFF PURCHASE POWER	LQF TARIFF	51,980	\$ -	-	\$ -	\$ -	\$ 1,565.74	\$ -	\$ 1,565.74
SOLAR SHARE PROGRAM	SSP	-	\$ -	-	\$ -	\$ -	\$ 469.22	\$ -	\$ 469.22
NMS-2	NMS-2	455,414	\$ -	-	\$ -	\$ -	\$ 33,960.63	\$ -	\$ 33,960.63
SQF TARIFF PURCHASE POWER	SQF TARIFF	4,400	\$ -	-	\$ -	\$ -	\$ 132.66	\$ -	\$ 132.66
KENTUCKY UTILITIES COMPANY	KU	48,935,000	\$ 273,156.93	9,124,000	\$ 29.94	\$ -	\$ 1,275,387.29	\$ 8,563.51	\$ 1,283,950.80
OHIO VALLEY ELECTRIC CORPORATION	OVEC	52,457,000	\$ -	-	\$ -	\$ (38,274.77)	\$ 1,979,557.97	\$ 1,950,194.16	\$ 3,929,752.13
<b>Total Purchases</b>		<b>102,700,794</b>	<b>\$ 299,096.58</b>	<b>9,609,000</b>	<b>\$ 31.13</b>	<b>\$ (38,274.77)</b>	<b>\$ 3,326,910.65</b>	<b>\$ 1,950,194.16</b>	<b>\$ 5,285,668.32</b>

\*19,693 kWh related to the Solar Share Program are included in generation for FAC purposes

<b>Sales</b>									
INDIANA MUNICIPAL POWER AGENCY	IMPA	43,000	\$ 241.09	8,000	\$ 30.14	\$ -	\$ 1,216.85	\$ 1,363.12	\$ 2,579.97
ENERGY IMBALANCE	IMBL	248,000	\$ 846.90	46,000	\$ 18.41	\$ -	\$ 4,274.55	\$ 4,593.90	\$ 8,868.45
MACQUARIE ENERGY, LLC	MACQUARIE	1,743,000	\$ 7,596.95	320,000	\$ 23.74	\$ -	\$ 38,343.85	\$ 42,953.18	\$ 81,297.03
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	16,237,000	\$ 95,743.99	2,979,000	\$ 32.14	\$ -	\$ 483,245.56	\$ 541,336.61	\$ 1,024,582.17
PJM INTERCONNECTION ASSOCIATION	PJM	23,671,000	\$ 144,103.03	4,343,000	\$ 33.18	\$ -	\$ 727,326.46	\$ 814,758.42	\$ 1,542,084.88
RAINBOW ENERGY MARKETING CORP	REMC	5,853,000	\$ 28,827.87	1,074,000	\$ 26.84	\$ -	\$ 145,501.99	\$ 162,992.83	\$ 308,494.82
THE ENERGY AUTHORITY	TEA	5,000	\$ 18.54	1,000	\$ 18.54	\$ -	\$ 93.59	\$ 104.86	\$ 198.45
TENNESSEE VALLEY AUTHORITY	TVA	2,348,000	\$ 11,357.45	431,000	\$ 26.35	\$ -	\$ 57,324.10	\$ 64,215.04	\$ 121,539.14
ASSOCIATED ELECTRIC COOPERATIVE INC.-SEEM	AECI	27,000	\$ 101.07	5,000	\$ 20.21	\$ -	\$ 510.12	\$ 571.44	\$ 1,081.56
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	908,000	\$ 5,060.75	167,000	\$ 30.30	\$ -	\$ 25,542.96	\$ 28,613.49	\$ 54,156.45
DUKE ENERGY FLORIDA, LLC-SEEM	DUKEFLORIDA	58,000	\$ 235.04	11,000	\$ 21.37	\$ -	\$ 1,186.32	\$ 1,328.93	\$ 2,515.25
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	192,000	\$ 711.17	35,000	\$ 20.32	\$ -	\$ 3,589.48	\$ 4,020.99	\$ 7,610.47
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	61,000	\$ 246.79	11,000	\$ 22.44	\$ -	\$ 1,245.61	\$ 1,395.34	\$ 2,640.95
THE ENERGY AUTHORITY-SEEM	TEAM	92,000	\$ 364.41	17,000	\$ 21.44	\$ -	\$ 1,839.27	\$ 2,060.37	\$ 3,899.64
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	879,000	\$ 3,641.53	161,000	\$ 22.62	\$ -	\$ 18,379.79	\$ 20,589.24	\$ 38,969.03
KENTUCKY UTILITIES COMPANY	KU	57,295,000	\$ -	-	\$ -	\$ -	\$ 1,545,265.52	\$ 27,513.70	\$ 1,572,779.22
<b>Total Sales</b>		<b>109,660,000</b>	<b>\$ 299,096.58</b>	<b>9,609,000</b>	<b>\$ 31.13</b>	<b>\$ -</b>	<b>\$ 3,054,886.02</b>	<b>\$ 1,718,411.46</b>	<b>\$ 4,773,297.48</b>

	KWH	\$/MWH
GENERATION FOR OSS	42,756,000	\$ 1,210,523.92
GENERATION FOR INTERNAL ECONOMY TO KU	35,817,000	\$ 978,722.54
GENERATION FOR INTERNAL REPLACEMENT TO KU	21,478,000	\$ 553,499.78
SPLIT SAVINGS		\$ 13,043.20
SALES FROM INTERNAL GENERATION	100,051,000	\$ 2,755,789.44
SALES FROM OSS PURCHASES	9,609,000	\$ 299,096.58
	109,660,000	\$ 3,054,886.02
ADJUSTMENTS FROM PRIOR MONTHS	-	\$ -
	109,660,000	\$ 3,054,886.02

**Louisville Gas & Electric**  
**Analysis Of Coal Purchased for Fuel Clause Backup**  
**Feb - 2025**

Station & Supplier	PBDU	POCN	MT	Mine Type	State code	Tons Purchased	BTU Per Lb.	No. MMBTU Per Ton	F.O.B. Mine		Transportation Cost		Delivered Cost				
									\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	% Sulfur	% Ash	% H2O
(a)	(b)	(c)	(d)			(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
<b>Mill Creek</b>																	
<b>Mill Creek High Sulfur Coal</b>																	
<b>Long Term Contract</b>																	
Alliance Coal LLC	P	J21010	B	U	WKY	8,478.03	11,379	22.759	41.97	184.43	4.76	20.92	46.73	205.35	3.01	9.30	12.31
Alliance Coal LLC	P	J23004	B	U	WKY	20,250.25	11,396	22.792	48.88	214.47	4.76	20.88	53.64	235.35	2.96	9.26	12.28
Alliance Coal LLC	P	J24003	R	U	WKY	155,522.60	12,163	24.326	60.99	250.73	7.55	31.03	68.54	281.76	3.04	9.43	8.70
Alliance Coal LLC	P	J24007	B	U	WKY	5,006.75	11,399	22.798	49.34	216.41	4.76	20.88	54.10	237.29	3.04	9.19	12.25
Alliance Coal LLC	P	J25001	B	U	WKY	16,833.17	11,348	22.695	47.73	210.29	4.76	20.98	52.49	231.27	3.02	9.40	12.43
Foresight Coal Sales LLC	P	J21011	B	U	IL	23,068.66	11,566	23.132	34.07	147.27	4.76	20.57	38.83	167.84	3.05	8.30	12.08
Knight Hawk Coal LLC	P	J21022	B	U	IL	3,607.93	11,106	22.213	37.08	166.94	9.42	42.39	46.50	209.33	2.91	8.76	13.44
<b>Total Long Term</b>						<b>232,767.39</b>	<b>11,917</b>	<b>23.834</b>	<b>55.00</b>	<b>230.75</b>	<b>6.69</b>	<b>28.09</b>	<b>61.69</b>	<b>258.84</b>	<b>3.03</b>	<b>9.28</b>	<b>9.89</b>
<b>Total Mill Creek</b>						<b>232,767.39</b>	<b>11,917</b>	<b>23.834</b>	<b>55.00</b>	<b>230.75</b>	<b>6.69</b>	<b>28.09</b>	<b>61.69</b>	<b>258.84</b>	<b>3.03</b>	<b>9.28</b>	<b>9.89</b>

(b) Designated by symbol  
P= Producer      D= Distributor  
B= Broker        U-Utility

(c) POCN = Purchase Order  
or Contract Number

(d) MT = Mode of Transportation  
Designated by Symbol

R = Rail T = Truck B = Barge P = Pipeline



**Louisville Gas & Electric**  
**Analysis Of Coal Purchased for Fuel Clause Backup**  
**Feb - 2025**

Station & Supplier	PBDU	POCN	MT	Mine Type	State code	Tons Purchased	BTU Per Lb.	No. MMBTU Per Ton	F.O.B. Mine		Transportation Cost		Delivered Cost				
									\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	% Sulfur	% Ash	% H2O
(a)	(b)	(c)	(d)			(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
<b>Trimble County</b>																	
<b>Trimble County High Sulfur Coal</b>																	
<b>Long Term Contract</b>																	
Alliance Coal LLC	P	J23004	B	U	WKY	18,412.78	11,435	22.870	48.88	213.75	5.47	23.92	54.35	237.67	3.01	9.18	12.25
Alliance Coal LLC	P	J25001	B	U	WKY	68,325.36	11,398	22.796	47.72	209.35	5.47	23.99	53.19	233.34	2.96	9.19	12.35
Foresight Coal Sales LLC	P	J21011	B	U	IL	50,986.66	11,566	23.132	34.25	148.09	5.47	23.64	39.72	171.73	3.08	8.23	12.19
Knight Hawk Coal LLC	P	J21022	B	U	IL	23,688.85	11,139	22.278	37.02	166.16	10.03	45.02	47.05	211.18	2.96	8.41	13.50
McBride Marine Transportation LLC	B	J23020	B	U	WKY	1,745.60	11,000	22.000	25.00	113.64	0.00	0.00	25.00	113.64	3.30	16.50	13.20
<b>Total Long Term</b>						<b>163,159.25</b>	<b>11,413</b>	<b>22.826</b>	<b>41.85</b>	<b>183.34</b>	<b>6.07</b>	<b>26.61</b>	<b>47.92</b>	<b>209.95</b>	<b>3.00</b>	<b>8.85</b>	<b>12.46</b>
<b>Total Trimble County</b>						<b>163,159.25</b>	<b>11,413</b>	<b>22.826</b>	<b>41.85</b>	<b>183.34</b>	<b>6.07</b>	<b>26.61</b>	<b>47.92</b>	<b>209.95</b>	<b>3.00</b>	<b>8.85</b>	<b>12.46</b>
<b>Total Louisville Gas &amp; Electric</b>						<b>395,926.64</b>	<b>11,709</b>	<b>23.418</b>	<b>49.58</b>	<b>211.71</b>	<b>6.44</b>	<b>27.49</b>	<b>56.02</b>	<b>239.20</b>	<b>3.02</b>	<b>9.10</b>	<b>10.95</b>

(b) Designated by symbol  
P= Producer      D= Distributor  
B= Broker        U-Utility

(c) POCN = Purchase Order  
or Contract Number

(d) MT = Mode of Transportation2  
Designated by Symbol

R = Rail T = Truck B = Barge P = Pipeline

**LOUISVILLE GAS AND ELECTRIC COMPANY  
ANALYSIS OF OTHER FUEL PURCHASES  
Month Ended: February 28, 2025**

<u>Fuel &amp; Supplier</u> (a)	P B D <u>U</u> (b)	P O C <u>N</u> (c)	M <u>T</u> (d)	Station <u>Name</u> (e)	Gal. or MCF <u>Purchased</u> (f)	BTU Per <u>Unit</u> (g)	Delivered <u>Cost (\$)</u> (h)	Cents Per <u>MMBtu</u> (i)	% <u>Sulfur</u> (j)
<u>Natural Gas</u>									
LG&E	U	-	P	Cane Run	807,478 (1)	1.065	3,341,090.83 (1)	388.52	-
LG&E	U	-	P	Mill Creek	24,510	1.065	273,168.47	1,046.50	-
LG&E	U	-	P	Paddy's Run	24,187 (1)	1.065	453,702.35 (1)	1,761.34	-
Kentucky Utilities	U	-	P	EW Brown CTs	53,600 (2)	1.025	490,139.85 (2)	892.12	-
LG&E	U	-	P	Trimble County	368,971 (1)	1.065	3,303,172.15 (1)	840.60	-
Total Natural Gas					<u>1,278,745</u>	<u>1.063</u>	<u>7,861,273.65</u>	<u>578.15</u>	

(b) Designated by Symbol  
P = Producer  
B = Broker  
D = Distributor  
U = Utility

(c) POCN = Purchase Order or  
Contract Number

(d) MT = Mode of Transportation  
Designated by Symbol  
R = Rail  
B = Barge  
T = Truck  
P = Pipeline

(j) % of Sulfur in fuel  
is unavailable

(1) Amount excludes purchases allocated to KU.

(2) Amount includes a portion of existing KU fuel inventory allocated to LG&E based on LG&E's ownership in the applicable generating units.

**Company Name: Louisville Gas and Electric Company**

**Station Name - Unit Number: Mill Creek**

**Month Ended: February 28, 2025**

Line No.	Item Description	Unit # 2	Unit # 3	Unit # 4	Total Station
1.	Unit Performance:				
	a. Capacity (name plate rating) (MW)	356	463	544	
	b. Capacity (average load) (2c/3a) (MW)	241	283	384	
	c. Net Demonstrated Capability (MW)	297	394	486	
	d. Net Capability Factor (1b/1c) (%)	81%	72%	79%	
2.	Heat Rate:				
	a. BTU Consumed (MMBTU)	1,489,459	1,571,203	2,523,247	
	b. Gross Generation (MWH)	159,132	165,234	276,398	
	c. Net Generation (MWH)	142,459	150,275	254,101	
	d. Heat Rate (2a/2c) (BTU/KWH)	10,455	10,456	9,930	
3.	Operation Availability:				
	a. Hours Unit Operated	591	531	663	
	b. Hours Available	591	531	663	
	c. Hours During the Period	672	672	672	
	d. Availability Factor (3b/3c) (%)	88%	79%	99%	
4.	Cost per KWH:				
	a. Gross Generation - FAC Basis (cents/KWH)	2.428	2.506	2.383	
	b. Net Generation - FAC Basis (cents/KWH)	2.712	2.756	2.592	
5.	Inventory Analysis:				
	a. Number of Days Supply based on actual burn at the station (1)				82

(1) Coal Pile not kept on unit basis; therefore, this figure represents actual station coal inventory at the end of the month.

**Company Name: Louisville Gas and Electric Company**

**Station Name - Unit Number: Trimble County**

**Month Ended: February 28, 2025**

Line No.	Item Description	Unit # 1	Unit # 2	Total Station
1.	Unit Performance:			
	a. Capacity (name plate rating) (MW)	566	838	
	b. Capacity (average load) (2c/3a) (MW)	432	688	
	c. Net Demonstrated Capability (MW)	493	760	
	d. Net Capability Factor (1b/1c) (%)	88%	90%	
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	3,199,791	4,315,431	
	b. Gross Generation (MWH)	316,935	496,078	
	c. Net Generation (MWH)	290,098	462,132	
	d. Heat Rate (2a/2c) (BTU/KWH)	11,030	9,338	
3.	Operation Availability:			
	a. Hours Unit Operated	672	672	
	b. Hours Available	652	672	
	c. Hours During the Period	672	672	
	d. Availability Factor (3b/3c) (%)	97%	100%	
4.	Cost per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	2.291	2.098	
	b. Net Generation - FAC Basis (cents/KWH)	2.503	2.252	
5.	Inventory Analysis:			
	a. Number of Days Supply based on actual burn at the station (1)			56

The information on this page represents 100% of Trimble County operating data. Trimble County 2 is jointly owned by Louisville Gas and Electric Company and Kentucky Utilities Company.

(1) Coal Pile not kept on unit basis; therefore, this figure represents actual station coal inventory.

Company Name: Louisville Gas and Electric Company

Station Name - Unit Number: Combustion Turbines

Month Ended: February 28, 2025

Line No.	Item Description	Paddy's Run GT-12	Paddy's Run GT-13	Trimble County 5	Trimble County 6	Trimble County 7	Trimble County 8	Trimble County 9	Trimble County 10
1.	Unit Performance:								
	a. Capacity (name plate rating) (MW)	33	178	199	199	199	199	199	199
	b. Capacity (average load) (2c/3a) (MW)	-	89	105	122	121	100	103	-
	c. Net Demonstrated Capability (MW)	28	175	179	179	179	179	179	179
	d. Net Capability Factor (1b/1c) (%)	-	51%	59%	68%	68%	56%	58%	-
2.	Heat Rate:								
	a. BTU Consumed (MMBTU)	-	48,602	168,056	92,735	198,203	63,003	191,296	-
	b. Gross Generation (MWH)	-	3,721	13,816	8,099	19,213	5,049	15,965	-
	c. Net Generation (MWH)	(31) (1)	3,583	13,616	7,982	18,954	4,981	15,621	-
	d. Heat Rate (2a/2c) (BTU/KWH)	-	13,565	12,343	11,618	10,457	12,649	12,246	-
3.	Operation Availability:								
	a. Hours Unit Operated	-	40	130	65	157	50	152	-
	b. Hours Available	672	672	672	672	672	668	668	668
	c. Hours During the Period	672	672	672	672	672	672	672	672
	d. Availability Factor (3b/3c) (%)	100%	100%	100%	100%	100%	99%	99%	99%
4.	Cost per KWH:								
	a. Gross Generation - FAC Basis (cents/KWH)	-	18.442	10.484	12.783	8.399	17.276	9.871	-
	b. Net Generation - FAC Basis (cents/KWH)	-	19.153	10.638	12.971	8.514	17.512	10.088	-
5.	Inventory Analysis:								
	a. Number of Days Supply based on actual burn at the station					Not Applicable			

Trimble County 5, 6, 7, 8, 9 and 10 and Paddy's Run GT-13 are jointly owned by Louisville Gas and Electric Company and Kentucky Utilities. The information reported above is on a 100% basis.

(1) Negative net generation due to station usage.

**Company Name: Louisville Gas and Electric Company**

**Station Name - Unit Number: Cane Run NGCC**

**Month Ended: February 28, 2025**

Line No.	Item Description	
1.	Unit Performance:	<u>Unit # 7</u>
	a. Capacity (name plate rating) (MW)	829
	b. Capacity (average load) (2c/3a) (MW)	540
	c. Net Demonstrated Capability (MW)	691
	d. Net Capability Factor (1b/1c) (%)	78%
2.	Heat Rate:	
	a. BTU Consumed (MMBTU)	2,410,326
	b. Gross Generation (MWH)	358,009
	c. Net Generation (MWH)	349,281
	d. Heat Rate (2a/2c) (BTU/KWH)	6,901
3.	Operation Availability:	
	a. Hours Unit Operated	647
	b. Hours Available	649
	c. Hours During the Period	672
	d. Availability Factor (3b/3c) (%)	97%
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (cents/KWH)	2.883
	b. Net Generation - FAC Basis (cents/KWH)	2.955
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	Not Applicable

The information on this page represents 100% of Cane Run NGCC operating data. Cane Run NGCC is jointly owned by Louisville Gas and Electric Company and Kentucky Utilities Company.

## Adjustments for Purchases Above KU/LGE Highest Priced Units (February 2025)

**Cost Components of Highest Priced Units:**

UNIT NAME	(1) FULL LOAD HR <small>(BTU/MWH)</small>	(2) FUEL COST <small>(c/MBTU)</small>	(3) CONSUMABLES <small>(\$/MWH)</small>	(4) SO2 ADDER <small>(\$/MWH)</small>	(5) SCR CONSUME <small>(\$/MWH)</small>	(6) NOx ADDER <small>(\$/MWH)</small>	(7) Hg CONSUME <small>(\$/MWH)</small>	(8) DISPATCH COST <small>(\$/MWH)</small>	(6)=(3)+(4)+(5) Maint V O&M <small>(\$/MWH)</small>	(7) TOTAL PRICE <small>(\$/MWH)</small>
PADDYS RUN 12	17,692	376.00	66.52	0.00	0.00	0.00	0.00	66.52	N/A	N/A
HAEFLING	17,765	514.80	91.45	0.00	0.00	0.00	0.00	91.45	N/A	N/A

**LGE Purchases Above LGE' s Highest Priced Unit (PADDYS RUN 12):**

	<u>MM/DD/YY Hr</u>	<u>Purchase From</u>	<u>Cost \$</u>	<u>MWh Purch</u>	<u>Cost \$/MWh</u>	<u>Excluded Amount Prior to FO Calculation</u>	<u>\$</u>	<u>Excluded in FO Calculation?</u>	<u>Additional Exclusion For FAC</u>	<u>PADDYS RUN 12 Available ?</u>
1								\$0.00		Yes
						LG&E Total	\$ -	-	\$ -	

**KU Purchases Above KU' s Highest Priced Unit (HAEFLING):**

	<u>MM/DD/YY Hr</u>	<u>Purchase From</u>	<u>Cost \$</u>	<u>MWh Purch</u>	<u>Cost \$/MWh</u>	<u>Excluded Amount Prior to FO Calculation</u>	<u>\$</u>	<u>Excluded in FO Calculation?</u>	<u>Additional Exclusion For FAC</u>	<u>HAEFLING Available ?</u>	
1	2/21/25	HE8	PJMSETTLEINC	\$ 97,641.53	350	\$ 278.98	\$ 187.53	\$ 65,634.03	Yes	\$ -	Yes
2	2/21/25	HE7	PJMSETTLEINC	\$ 55,791.16	350	\$ 159.40	\$ 67.95	\$ 23,783.66	Yes	\$ -	Yes
						KU Total	\$ 89,417.69	\$ -	\$ -		

## OFF-SYSTEM SALES - ELECTRIC

Electric Off-System Sales	LG&E	KU (Consolidated)
	MTD Current Year February-25	MTD Current Year February-25
Revenue		
External Sales <sup>1</sup>	\$ 3,200,518	\$ 3,424,357
Internal Sales	\$ 581,013	\$ 281,720
Total	<u>\$ 3,781,532</u>	<u>\$ 3,706,077</u>
External Expenses		
Fuel	\$ (1,210,524)	\$ (1,045,629)
Purchase Power	\$ (26,286)	\$ (27,694)
ECR Consumables	\$ -	\$ -
Other Consumables	\$ (51,204)	\$ (32,621)
Transmission	\$ (6,003)	\$ (5,895)
RTO Costs	\$ (30,357)	\$ (33,011)
Inter-System Losses	\$ (7,548)	\$ (8,134)
Internal Expenses		
Fuel	\$ (553,500)	\$ (273,157)
Purchase Power	\$ (281,720)	\$ (581,013)
Other Consumables	\$ (27,443)	\$ (8,549)
Transmission	\$ (358,248)	\$ (381,713)
Total	<u>\$ (2,552,834)</u>	<u>\$ (2,397,414)</u>
Electric Off-System Sales Margin	<u>\$ 1,228,697</u>	<u>\$ 1,308,663</u>
OSS Margin - Jurisdictional	\$ 921,523	\$ 920,189
OSS Margin - Non-Jurisdictional	\$ -	\$ 61,308
OSS Margin - Utility Share	<u>\$ 307,174</u>	<u>\$ 327,166</u>

Note 1: LG&E sold 2,217 MWh totaling \$110,873 through SEEM. KU sold 2,361 MWh totaling \$118,717 through SEEM.



**SEEM Formation and Participation Costs**

**Expense Month: February 2025**

<u>Item Description</u>	<u>LG&amp;E</u>	<u>KU</u>
Administrative and legal expenses associated with the FERC proceeding	\$ 15	\$ 14
Costs of SEEM formation and participation	<u>\$ -</u>	<u>\$ -</u>
Total Costs	\$ 15	\$ 14