

Andrea M. Fackler

Manager, Revenue Requirement/Cost of Service
State Regulation and Rates
T 502-627-3442
andrea.fackler@lge-ku.com



VIA ELECTRONIC FILING

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

RECEIVED

JAN 14 2025

PUBLIC SERVICE
COMMISSION

January 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 November 2024.

Sincerely,

A handwritten signature in black ink that reads 'Andrea M. Fackler'. The signature is written in a cursive, flowing style.

Andrea M. Fackler

Enclosures

Company: Louisville Gas and Electric Company

Plant: Mill Creek and Trimble County

Month Ended: November 30, 2024

Fuel: Coal

Mill Creek High Sulfur

		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	10/31/2024	\$ 34,119,385.04	11,696,895.26	\$ 2.9170	509,668.78	\$ 66.9442
Add: Purchases		\$ 17,660,587.11	7,060,558.00	\$ 2.5013	310,914.56 (4)	\$ 56.8021
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 51,779,972.15	18,757,453.26	\$ 2.7605	820,583.34	\$ 63.1014
Less: Fuel Burned		\$ 14,808,262.13	5,271,928.05	\$ 2.8089	230,245.00	\$ 64.3152
Ending Inventory	11/30/2024	\$ 36,971,710.02	13,485,525.21	\$ 2.7416	590,338.34	\$ 62.6280

Trimble County High Sulfur

		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	10/31/2024	\$ 11,270,112.50	4,746,442.58	\$ 2.3744	208,159.20	\$ 54.1418
Add: Purchases		\$ 14,295,028.55	6,509,055.94	\$ 2.1962	285,506.33	\$ 50.0690
Adjustments		\$ (3,209,366.60) (2)	(1,556,303.76) (2)	\$ 2.0622	(68,258.81) (2)	\$ 47.0176
Sub-Total		\$ 22,355,774.45	9,699,194.76	\$ 2.3049	425,406.72	\$ 52.5515
Less: Fuel Burned-Jurisdictional		\$ 5,726,661.93	2,459,802.67	\$ 2.3281	107,901.77	\$ 53.0729
Fuel Burned-Non-Jurisdictional		\$ 2,100,069.70	902,053.16	\$ 2.3281	39,569.49	\$ 53.0730
Total Burn		\$ 7,826,731.63	3,361,855.83	\$ 2.3281	147,471.26	\$ 53.0729
Ending Inventory	11/30/2024	\$ 14,529,042.82	6,337,338.93	\$ 2.2926	277,935.46	\$ 52.2749

Trimble County PRB

		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	10/31/2024	\$ 2,331,229.29	778,921.30	\$ 2.9929	43,707.48	\$ 53.3371
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ 284,336.50 (3)	107,733.05 (3)	\$ 2.6393	6,035.59 (3)	\$ 47.1100
Sub-Total		\$ 2,615,565.79	886,654.35	\$ 2.9499	49,743.07	\$ 52.5815
Less: Fuel Burned-Jurisdictional		\$ -	-	\$ -	-	\$ -
Fuel Burned-Non-Jurisdictional		\$ -	-	\$ -	-	\$ -
Total Burn		\$ -	-	\$ -	-	\$ -
Ending Inventory	11/30/2024	\$ 2,615,565.79	886,654.35	\$ 2.9499	49,743.07	\$ 52.5815

Coal In Transit

		Amount	MMBTU	Per Unit	Tons	Per Unit
Coal In Transit	11/30/2024	\$ 4,079,440.79 (1)	1,928,025.91 (1)	\$ 2.1159	85,913.17 (1)	\$ 47.4833
Total Combined Inventory	11/30/2024	\$ 58,195,759.42	22,637,544.40	\$ 2.5708	1,003,930.05	\$ 57.9679

(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.

(4) Timing difference from month end close of accounting records while the Align system is real time and/or prior month adjustments.

Company: Louisville Gas and Electric Company

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

Month Ended: November 30, 2024

Fuel: Natural Gas

<u>Paddy's Run</u>		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	10/31/2024	\$ -	-	\$ -
Add: Purchases		\$ 79,132.52	13,533	\$ 5.8474
Paddy's Run Fixed Gas Demand Charge		\$ 319,100.53	-	\$ -
Total Purchases		\$ 398,233.05	13,533	\$ 29.4268
Adjustments		\$ -	-	\$ -
Sub-Total		\$ 398,233.05	13,533	\$ 29.4268
Less: Fuel Burned LG&E Share		\$ 244,558.09	7,336	\$ 33.3367
Paddy's Run Purchases Allocated to KU		\$ 36,236.18	6,197	\$ 5.8474
Paddy's Run Fixed Gas Demand Charge Allocated to KU		\$ 117,438.78	-	\$ -
Total Burn		\$ 398,233.05	13,533	\$ 29.4268
Ending Inventory	11/30/2024	\$ -	-	\$ -
<u>Mill Creek</u>		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	10/31/2024	\$ -	-	\$ -
Add: Purchases		\$ 262,105.29	20,094	\$ 13.0440
Total Purchases		\$ 262,105.29	20,094	\$ 13.0440
Adjustments		\$ -	-	\$ -
Sub-Total		\$ 262,105.29	20,094	\$ 13.0440
Less: Fuel Burned		\$ 262,105.29	20,094	\$ 13.0440
Total Burn		\$ 262,105.29	20,094	\$ 13.0440
Ending Inventory	11/30/2024	\$ -	-	\$ -
<u>Cane Run 7</u>		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	10/31/2024	\$ 145,774.42	50,255	\$ 2.9007
Add: Purchases		\$ 8,742,022.90	3,096,364	\$ 2.8233
Fixed Gas Demand Charge		\$ 956,874.47	-	\$ -
Total Purchases		\$ 9,698,897.37	3,096,364	\$ 3.1324
Adjustments		\$ 77,442.67 (1)	(44,204) (2)	\$ (1.7519)
Sub-Total		\$ 9,922,114.46	3,102,415	\$ 3.1982
Less: Fuel Burned LG&E Share		\$ 2,172,637.45	678,983	\$ 3.1998
Current Month Purchases Allocated to KU		\$ 6,842,925.94	2,368,106	\$ 2.8896
Fuel Inventory Allocated to KU		\$ 113,704.05	39,199	\$ 2.9007
Fixed Gas Demand Charge Allocated to KU		\$ 746,362.09	-	\$ -
Total Burn		\$ 9,875,629.53	3,086,288	\$ 3.1998
Ending Inventory	11/30/2024	\$ 46,484.93	16,127	\$ 2.8824

Trimble County Start-up and Stabilization

		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	10/31/2024	\$ -	-	\$ -
Add: Purchases		\$ 102,225.46	47,560	\$ 2.1494
Fixed Gas Demand Charge		\$ 71,508.48	-	\$ -
Total Purchases		<u>\$ 173,733.94</u>	<u>47,560</u>	<u>\$ 3.6529</u>
Adjustments		<u>\$ -</u>	<u>-</u>	<u>\$ -</u>
Sub-Total		\$ 173,733.94	47,560	\$ 3.6529
Less: Fuel Burned LG&E Share-Jurisdictional		\$ 50,956.94	11,305	\$ 4.5075
Fuel Burned Non-Jurisdictional		\$ 17,698.51 (3)	3,926 (3)	\$ 4.5080
Purchases Allocated to KU		\$ 69,487.95	32,329	\$ 2.1494
Fixed Gas Demand Charge Allocated to KU		\$ 35,590.54	-	\$ -
Total Burn		<u>\$ 173,733.94</u>	<u>47,560</u>	<u>\$ 3.6529</u>
Ending Inventory	11/30/2024	\$ -	-	\$ -

Trimble County CTs

		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	10/31/2024	\$ 30,365.91	15,299	\$ 1.9848
Add: Purchases		\$ 4,759,041.97	2,251,885	\$ 2.1134
Fixed Gas Demand Charge		\$ 711,328.02	-	\$ -
Total Purchases		<u>\$ 5,470,369.99</u>	<u>2,251,885</u>	<u>\$ 2.4292</u>
Adjustments		<u>\$ 49,669.92 (1)</u>	<u>(31,340) (2)</u>	<u>\$ (1.5849)</u>
Sub-Total		\$ 5,550,405.82	2,235,844	\$ 2.4825
Less: Fuel Burned LG&E Share		\$ 1,717,076.38	680,522	\$ 2.5232
Trimble County Start-up and Stabilization LG&E Share		\$ 32,737.51	15,231	\$ 2.1494
Current Month Fuel Purchases Allocated to KU		\$ 2,539,477.77	1,172,543	\$ 2.1658
Fuel Inventory Allocated to KU		\$ 19,272.40	9,710	\$ 1.9848
Fixed Gas Demand Charge Allocated to KU		\$ 467,105.40	-	\$ -
Trimble County Start-up and Stabilization KU Share		\$ 69,487.95	32,329	\$ 2.1494
Total Burn		<u>\$ 4,845,157.41</u>	<u>1,910,335</u>	<u>\$ 2.5363</u>
Ending Inventory	11/30/2024	\$ 705,248.41	325,509	\$ 2.1666

Brown CTs

		<u>Amount</u>	<u>Units (MCF)</u>	<u>Per Unit</u>
Beginning Inventory	10/31/2024	\$ -	-	\$ -
Add: Current Month Purchases Allocated from KU		\$ 120,998.82	38,243	\$ 3.1639
Fuel Inventory allocated from KU		\$ 10,267.42	3,450	\$ 2.9761
Total Purchases		<u>\$ 131,266.24</u>	<u>41,693</u>	<u>\$ 3.1484</u>
Adjustments		<u>\$ -</u>	<u>-</u>	<u>\$ -</u>
Sub-Total		<u>\$ 131,266.24</u>	<u>41,693</u>	<u>\$ 3.1484</u>
Less: Fuel Burned		<u>\$ 131,266.24</u>	<u>41,693</u>	<u>\$ 3.1484</u>
Ending Inventory	11/30/2024	\$ -	-	\$ -
Total Combined Inventory	11/30/2024	<u><u>\$ 751,733.34</u></u>	<u><u>341,636</u></u>	<u>\$ 2.2004</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 November 30, 2024

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)	
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)		
Purchases							
ENERGY IMBALANCE	IMBL	Economy	237,000	\$ -	\$ 8,096.17	\$ -	\$ 8,096.17
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	400,000	\$ -	\$ 5,948.17	\$ -	\$ 5,948.17
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	Economy	689,000	\$ -	\$ 10,210.67	\$ -	\$ 10,210.67
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	Economy	3,000	\$ -	\$ 47.10	\$ -	\$ 47.10
DUKE ENERGY FLORIDA, LLC-SEEM	DUKEFLORIDA	Economy	1,249,000	\$ -	\$ 17,595.64	\$ -	\$ 17,595.64
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	Economy	39,000	\$ -	\$ 575.15	\$ -	\$ 575.15
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	Economy	260,000	\$ -	\$ 3,875.72	\$ -	\$ 3,875.72
TAMPA ELECTRIC COMPANY-SEEM	TEC	Economy	296,000	\$ -	\$ 4,416.91	\$ -	\$ 4,416.91
THE ENERGY AUTHORITY-SEEM	TEAM	Economy	1,000	\$ -	\$ 15.72	\$ -	\$ 15.72
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	Economy	1,086,000	\$ -	\$ 15,096.68	\$ -	\$ 15,096.68
LQF TARIFF PURCHASE POWER	LQF TARIFF	Economy	51,340	\$ -	\$ 1,542.99	\$ -	\$ 1,542.99
SOLAR SHARE PROGRAM	SSP	SSP	-	\$ -	\$ 2,349.47	\$ -	\$ 2,349.47
NMS-2	NMS-2	NMS-2	601,511	\$ -	\$ 47,254.30	\$ -	\$ 47,254.30
SQF TARIFF PURCHASE POWER	SQF TARIFF	SQF Tariff	7,760	\$ -	\$ 233.97	\$ -	\$ 233.97
KENTUCKY UTILITIES COMPANY	KU	Economy	1,692,000	\$ -	\$ 41,554.39	\$ -	\$ 41,554.39
OHIO VALLEY ELECTRIC CORPORATION	OVEC	Economy	50,885,000	\$ 1,710,693.28	\$ 2,057,555.91	\$ -	\$ 3,768,249.19
Total Purchases			57,497,611	\$ 1,710,693.28	\$ 2,216,368.96	\$ -	\$ 3,927,062.24
Sales							
ENERGY IMBALANCE	IMBL	Economy	442,000		\$ 13,081.03	\$ 3,717.02	\$ 16,798.05
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy	126,000		\$ 3,945.37	\$ 1,129.82	\$ 5,075.19
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	805,000		\$ 28,106.37	\$ 8,048.73	\$ 36,155.10
RAINBOW ENERGY MARKETING CORP	REMC	Economy	570,000		\$ 23,357.58	\$ 6,688.84	\$ 30,046.42
THE ENERGY AUTHORITY	TEA	Economy	31,000		\$ 1,032.64	\$ 295.72	\$ 1,328.36
KENTUCKY UTILITIES COMPANY	KU	Economy	138,318,000		\$ 4,693,519.76	\$ 119.90	\$ 4,693,639.66
Total Sales			140,292,000	\$ -	\$ 4,763,042.75	\$ 20,000.03	\$ 4,783,042.78



**Detailed Power Transaction Schedule
Month Ended November 30, 2024**

<u>Company</u>		KWH	Native Load			Forced Outages		
			Energy Cost (\$)	KWH	\$/MWH	Energy Cost (\$)	KWH	\$/MWH
<u>Purchases</u>								
ENERGY IMBALANCE	IMBL	237,000	\$ 5,560.05	165,000	\$ 33.70	\$ 817.00	25,000	\$ 32.68
PJM INTERCONNECTION ASSOCIATION	PJM	400,000	\$ 5,948.17	400,000	\$ 14.87	\$ -	-	\$ -
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	689,000	\$ 10,210.67	689,000	\$ 14.82	\$ -	-	\$ -
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	3,000	\$ 47.10	3,000	\$ 15.70	\$ -	-	\$ -
DUKE ENERGY FLORIDA, LLC-SEEM	DUKEFLORIDA	1,249,000	\$ 17,595.64	1,249,000	\$ 14.09	\$ -	-	\$ -
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NC EMC	39,000	\$ 544.52	37,000	\$ 14.72	\$ 30.63	2,000	\$ 15.32
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	260,000	\$ 3,875.72	260,000	\$ 14.91	\$ -	-	\$ -
TAMPA ELECTRIC COMPANY-SEEM	TEC	296,000	\$ 2,324.34	157,000	\$ 14.80	\$ 2,092.57	139,000	\$ 15.05
THE ENERGY AUTHORITY-SEEM	TEAM	1,000	\$ 15.72	1,000	\$ 15.72	\$ -	-	\$ -
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	1,086,000	\$ 15,096.68	1,086,000	\$ 13.90	\$ -	-	\$ -
LQF TARIFF PURCHASE POWER	LQF TARIFF	51,340	\$ 1,542.99	51,340	\$ 30.05	\$ -	-	\$ -
SOLAR SHARE PROGRAM	SSP	-	\$ 2,349.47	-	\$ -	\$ -	-	\$ -
NMS-2	NMS-2	601,511	\$ 47,254.30	601,511	\$ 78.56	\$ -	-	\$ -
SQF TARIFF PURCHASE POWER	SQF TARIFF	7,760	\$ 233.97	7,760	\$ 30.15	\$ -	-	\$ -
KENTUCKY UTILITIES COMPANY	KU	1,692,000	\$ 41,554.39	1,692,000	\$ 24.56	\$ -	-	\$ -
OHIO VALLEY ELECTRIC CORPORATION	OVEC	50,885,000	\$ 2,033,914.26	50,885,000	\$ 39.97	\$ -	-	\$ -
Total Purchases		57,497,611	\$ 2,188,067.99	57,284,611	\$ 38.20	\$ 2,940.20	166,000	\$ 17.71

*98,595 kWh related to the Solar Share Program are included in generation for FAC purposes

<u>Sales</u>								
ENERGY IMBALANCE	IMBL	442,000						
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	126,000						
PJM INTERCONNECTION ASSOCIATION	PJM	805,000						
RAINBOW ENERGY MARKETING CORP	REMC	570,000						
THE ENERGY AUTHORITY	TEA	31,000						
KENTUCKY UTILITIES COMPANY	KU	138,318,000						
Total Sales		140,292,000	\$ -	-	\$ -	\$ -	-	\$ -



Detailed Power Transaction Schedule
Month Ended November 30, 2024

Company	KWH	OSS Purchases			Adj. From Prior Month (\$)	Total Energy * Charges (\$)	Demand(\$)	Other Charges(\$)	Total Charges(\$)
		Energy Cost (\$)	KWH	\$/MWH					
Purchases									
ENERGY IMBALANCE	IMBL	237,000	\$ 1,719.12	47,000	\$ 36.58	\$ -	\$ 8,096.17	\$ -	\$ 8,096.17
PJM INTERCONNECTION ASSOCIATION	PJM	400,000	\$ -	-	\$ -	\$ -	\$ 5,948.17	\$ -	\$ 5,948.17
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	689,000	\$ -	-	\$ -	\$ -	\$ 10,210.67	\$ -	\$ 10,210.67
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	3,000	\$ -	-	\$ -	\$ -	\$ 47.10	\$ -	\$ 47.10
DUKE ENERGY FLORIDA, LLC-SEEM	DUKEFLORIDA	1,249,000	\$ -	-	\$ -	\$ -	\$ 17,595.64	\$ -	\$ 17,595.64
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	39,000	\$ -	-	\$ -	\$ -	\$ 575.15	\$ -	\$ 575.15
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	260,000	\$ -	-	\$ -	\$ -	\$ 3,875.72	\$ -	\$ 3,875.72
TAMPA ELECTRIC COMPANY-SEEM	TEC	296,000	\$ -	-	\$ -	\$ -	\$ 4,416.91	\$ -	\$ 4,416.91
THE ENERGY AUTHORITY-SEEM	TEAM	1,000	\$ -	-	\$ -	\$ -	\$ 15.72	\$ -	\$ 15.72
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	1,086,000	\$ -	-	\$ -	\$ -	\$ 15,096.68	\$ -	\$ 15,096.68
LQF TARIFF PURCHASE POWER	LQF TARIFF	51,340	\$ -	-	\$ -	\$ -	\$ 1,542.99	\$ -	\$ 1,542.99
SOLAR SHARE PROGRAM	SSP	-	\$ -	-	\$ -	\$ -	\$ 2,349.47	\$ -	\$ 2,349.47
NMS-2	NMS-2	601,511	\$ -	-	\$ -	\$ -	\$ 47,254.30	\$ -	\$ 47,254.30
SQF TARIFF PURCHASE POWER	SQF TARIFF	7,760	\$ -	-	\$ -	\$ -	\$ 233.97	\$ -	\$ 233.97
KENTUCKY UTILITIES COMPANY	KU	1,692,000	\$ -	-	\$ -	\$ -	\$ 41,554.39	\$ -	\$ 41,554.39
OHIO VALLEY ELECTRIC CORPORATION	OVEC	50,885,000	\$ -	-	\$ -	\$ 23,641.65	\$ 2,057,555.91	\$ 1,710,693.28	\$ 3,768,249.19
Total Purchases		57,497,611	\$ 1,719.12	47,000	\$ 36.58	\$ 23,641.65	\$ 2,216,368.96	\$ 1,710,693.28	\$ 3,927,062.24

*98,595 kWh related to the Solar Share Program are included in generation for FAC purposes

Sales									
ENERGY IMBALANCE	IMBL	442,000	\$ 323.46	11,000	\$ 29.41	\$ -	\$ 13,081.03	\$ 3,717.02	\$ 16,798.05
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	126,000	\$ 97.56	3,000	\$ 32.52	\$ -	\$ 3,945.37	\$ 1,129.82	\$ 5,075.19
PJM INTERCONNECTION ASSOCIATION	PJM	805,000	\$ 695.00	18,000	\$ 38.61	\$ -	\$ 28,106.37	\$ 8,048.73	\$ 36,155.10
RAINBOW ENERGY MARKETING CORP	REMC	570,000	\$ 577.57	14,000	\$ 41.26	\$ -	\$ 23,357.58	\$ 6,688.84	\$ 30,046.42
THE ENERGY AUTHORITY	TEA	31,000	\$ 25.53	1,000	\$ 25.53	\$ -	\$ 1,032.64	\$ 295.72	\$ 1,328.36
KENTUCKY UTILITIES COMPANY	KU	138,318,000	\$ -	-	\$ -	\$ -	\$ 4,693,519.76	\$ 119.90	\$ 4,693,639.66
Total Sales		140,292,000	\$ 1,719.12	47,000	\$ 36.58	\$ -	\$ 4,763,042.75	\$ 20,000.03	\$ 4,783,042.78

	KWH	\$/MWH
GENERATION FOR OSS	1,927,000	\$ 35.19
GENERATION FOR INTERNAL ECONOMY TO KU	138,215,000	\$ 33.93
GENERATION FOR INTERNAL REPLACEMENT TO KU	103,000	\$ 34.22
SPLIT SAVINGS		\$ 109.07
SALES FROM INTERNAL GENERATION	140,245,000	\$ 33.63
SALES FROM OSS PURCHASES	47,000	\$ 36.58
	140,292,000	\$ 33.93
ADJUSTMENTS FROM PRIOR MONTHS	-	\$ -
	140,292,000	\$ 33.93

**Louisville Gas & Electric
Analysis Of Coal Purchased for Fuel Clause Backup
Nov - 2024**

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			% H2O	
									\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	% Sulfur		% Ash
(a)	(b)	(c)	(d)			(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
Mill Creek																	
Mill Creek High Sulfur Coal																	
Long Term Contract																	
Alliance Coal LLC	P	J21004	B	U	IL	3,143.57	11,423	22.845	42.04	184.04	4.86	21.27	46.90	205.31	2.60	8.95	12.66
Alliance Coal LLC	P	J21004	B	U	WKY	14,600.19	11,472	22.945	42.16	183.73	4.86	21.19	47.02	204.92	3.12	9.43	11.69
Alliance Coal LLC	P	J21010	B	U	WKY	39,367.47	11,458	22.916	42.16	183.97	4.86	21.21	47.02	205.18	3.04	9.48	11.78
Alliance Coal LLC	P	J23004	B	U	WKY	18,140.15	11,468	22.937	52.12	227.25	4.86	21.19	56.98	248.44	3.07	9.44	11.72
Alliance Coal LLC	P	J24003	R	U	WKY	151,525.60	11,510	23.021	55.60	241.52	6.74	29.28	62.34	270.80	3.20	13.84	8.52
Foresight Coal Sales LLC	P	J21011	B	U	IL	31,585.63	10,520	21.040	28.65	136.17	4.86	23.10	33.51	159.27	3.49	8.66	16.95
Knight Hawk Coal LLC	P	J21022	B	U	IL	6,492.02	11,139	22.278	37.28	167.35	9.51	42.69	46.79	210.04	3.01	8.71	13.22
Knight Hawk Coal LLC	P	J23002	B	U	IL	14,801.07	11,108	22.216	45.35	204.11	9.51	42.81	54.86	246.92	3.02	9.75	12.45
Peabody COALSALLES LLC	P	J23003	B	U	IL	9,637.15	10,992	21.984	89.22	405.85	8.48	38.58	97.70	444.43	2.88	8.56	13.83
Total Long Term						289,292.85	11,343	22.687	49.97	220.26	6.31	27.80	56.28	248.06	3.17	11.63	10.78
Spot Contract																	
Alliance Coal LLC	P	J24023	B	S	WV	1,483.40	11,857	23.714	44.96	189.59	8.76	36.94	53.72	226.53	0.76	14.99	5.99
Alliance Coal LLC	P	J24023	B	U	IL	1,581.78	11,351	22.702	43.72	192.57	4.86	21.41	48.58	213.98	2.60	9.05	12.65
Alliance Coal LLC	P	J24023	B	U	WKY	17,956.06	11,462	22.924	44.92	195.97	4.86	21.20	49.78	217.17	3.03	9.51	11.71
Total Spot						21,021.24	11,481	22.963	44.83	195.25	5.14	22.36	49.97	217.61	2.83	9.86	11.37
Total Mill Creek						310,314.09	11,353	22.706	49.62	218.54	6.23	27.44	55.85	245.98	3.14	11.51	10.82

(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
Nov - 2024**

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			% Sulfur	% Ash	% H2O
									\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU	\$ Per Ton	¢ Per MMBTU				
(a)	(b)	(c)	(d)			(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	
Trimble County																		
Trimble County High Sulfur Coal																		
Long Term Contract																		
Alliance Coal LLC	P	J21004	B	U	IL	8,087.79	11,494	22.987	42.09	183.11	5.57	24.23	47.66	207.34	2.66	9.13	12.05	
Alliance Coal LLC	P	J21004	B	U	WKY	39,646.12	11,461	22.923	42.16	183.92	5.57	24.30	47.73	208.22	3.05	9.46	11.86	
Alliance Coal LLC	P	J21010	B	U	WKY	47,735.48	11,454	22.907	42.13	183.90	5.57	24.32	47.70	208.22	3.02	9.41	11.90	
Alliance Coal LLC	P	J23004	B	U	WKY	28,220.12	11,462	22.924	52.10	227.29	5.57	24.29	57.67	251.58	3.05	9.39	11.81	
Alliance Coal LLC	P	J24007	B	U	WKY	12,963.81	11,469	22.937	46.96	204.74	5.57	24.28	52.53	229.02	3.00	9.39	11.85	
Foresight Coal Sales LLC	P	J21011	B	U	IL	9,517.15	10,572	21.144	28.78	136.12	5.57	26.35	34.35	162.47	3.53	8.81	16.46	
Knight Hawk Coal LLC	P	J21022	B	U	IL	15,187.10	11,145	22.290	37.25	167.11	10.23	45.89	47.48	213.00	3.02	8.66	13.26	
Knight Hawk Coal LLC	P	J23002	B	U	IL	6,722.05	11,074	22.149	45.16	203.88	10.23	46.19	55.39	250.07	3.01	9.63	12.73	
Total Long Term						168,079.62	11,367	22.734	43.11	189.61	6.17	27.17	49.28	216.78	3.04	9.31	12.29	
Spot Contract																		
Alliance Coal LLC	P	J24023	B	U	IL	23,635.95	11,358	22.716	43.72	192.45	5.57	24.52	49.29	216.97	2.63	8.94	13.19	
Alliance Coal LLC	P	J24023	B	U	WKY	93,790.76	11,467	22.934	44.96	196.02	5.57	24.29	50.53	220.31	3.03	9.41	11.85	
Total Spot						117,426.71	11,445	22.890	44.71	195.31	5.57	24.33	50.28	219.64	2.95	9.32	12.12	
Total Trimble County						285,506.33	11,399	22.798	43.76	191.96	5.93	26.00	49.69	217.96	3.00	9.31	12.22	
Total Louisville Gas & Electric						595,820.42	11,375	22.750	46.81	205.78	6.09	26.74	52.90	232.52	3.08	10.46	11.49	

(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 AND ELECTRIC COMPANY
ANALYSIS OF OTHER FUEL PURCHASES
Month Ended: November 30, 2024**

<u>Fuel & 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	728,258 (1)	1.065	2,109,609.34 (1)	272.00	-
LG&E	U	-	P	Mill Creek	20,094	1.065	262,105.29	1,224.78	-
LG&E	U	-	P	Paddy's Run	7,336 (1)	1.065	244,558.09 (1)	3,130.14	-
Kentucky Utilities	U	-	P	EW Brown CTs	41,693 (2)	1.025	131,266.24 (2)	307.16	-
LG&E	U	-	P	Trimble County	1,047,013 (1)	1.065	2,430,216.81 (1)	217.94	-
Total Natural Gas					<u>1,844,394</u>	<u>1.064</u>	<u>5,177,755.77</u>	<u>263.82</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: November 30, 2024

Line No.	Item Description	Unit # 1	Unit # 2	Unit # 3	Unit # 4	Total Station
1.	Unit Performance:					
	a. Capacity (name plate rating) (MW)	356	356	463	544	
	b. Capacity (average load) (2c/3a) (MW)	222	224	231	263	
	c. Net Demonstrated Capability (MW)	300	297	393	482	
	d. Net Capability Factor (1b/1c) (%)	74%	75%	59%	55%	
2.	Heat Rate:					
	a. BTU Consumed (MMBTU)	1,687,142	1,763,068	1,758,471	84,646	
	b. Gross Generation (MWH)	175,733	183,104	182,480	8,847	
	c. Net Generation (MWH)	156,590	161,369	166,203	6,340	
	d. Heat Rate (2a/2c) (BTU/KWH)	10,774	10,926	10,580	13,351	
3.	Operation Availability:					
	a. Hours Unit Operated	704	720	720	24	
	b. Hours Available	710	720	552	24	
	c. Hours During the Period	720	720	720	720	
	d. Availability Factor (3b/3c) (%)	99%	100%	77%	3%	
4.	Cost per KWH:					
	a. Gross Generation - FAC Basis (cents/KWH)	2.709	2.707	2.760	3.571	
	b. Net Generation - FAC Basis (cents/KWH)	3.040	3.072	3.030	4.984	
5.	Inventory Analysis:					
	a. Number of Days Supply based on actual burn at the station (1)					68

(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: November 30, 2024

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)	435	46	
	c. Net Demonstrated Capability (MW)	493	747	
	d. Net Capability Factor (1b/1c) (%)	88%	6%	
2.	Heat Rate:			
	a. BTU Consumed (MMBTU)	3,349,410	150,881	
	b. Gross Generation (MWH)	343,895	9,541	
	c. Net Generation (MWH)	313,198	1,365	
	d. Heat Rate (2a/2c) (BTU/KWH)	10,694	110,536	
3.	Operation Availability:			
	a. Hours Unit Operated	720	30	
	b. Hours Available	720	30	
	c. Hours During the Period	720	720	
	d. Availability Factor (3b/3c) (%)	100%	4%	
4.	Cost per KWH:			
	a. Gross Generation - FAC Basis (cents/KWH)	2.275	3.962	
	b. Net Generation - FAC Basis (cents/KWH)	2.498	27.694	
5.	Inventory Analysis:			
	a. Number of Days Supply based on actual burn at the station (1)			85

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: November 30, 2024

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)	-	127	127	152	154	-	153	153
	c. Net Demonstrated Capability (MW)	26	161	169	169	169	169	169	169
	d. Net Capability Factor (1b/1c) (%)	-	79%	75%	90%	91%	-	91%	91%
2.	Heat Rate:								
	a. BTU Consumed (MMBTU)	371	14,042	74,241	41,640	897,870	-	607,273	362,830
	b. Gross Generation (MWH)	12	1,374	6,647	3,857	84,797	-	57,769	34,745
	c. Net Generation (MWH)	(7) (1)	1,273	6,467	3,753	84,339	-	57,460	34,559
	d. Heat Rate (2a/2c) (BTU/KWH)	-	11,031	11,480	11,095	10,646	-	10,569	10,499
3.	Operation Availability:								
	a. Hours Unit Operated	1	10	51	25	549	-	375	225
	b. Hours Available	720	456	720	720	720	720	715	719
	c. Hours During the Period	720	720	720	720	720	720	720	720
	d. Availability Factor (3b/3c) (%)	100%	63%	100%	100%	100%	100%	99%	100%
4.	Cost per KWH:								
	a. Gross Generation - FAC Basis (cents/KWH)	593.881	23.797	4.053	5.268	2.292	-	2.341	2.463
	b. Net Generation - FAC Basis (cents/KWH)	-	25.685	4.166	5.414	2.304	-	2.354	2.477
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: November 30, 2024

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)	687
	c. Net Demonstrated Capability (MW)	691
	d. Net Capability Factor (1b/1c) (%)	99%
2.	Heat Rate:	
	a. BTU Consumed (MMBTU)	3,286,897
	b. Gross Generation (MWH)	505,076
	c. Net Generation (MWH)	494,314
	d. Heat Rate (2a/2c) (BTU/KWH)	6,649
3.	Operation Availability:	
	a. Hours Unit Operated	720
	b. Hours Available	720
	c. Hours During the Period	720
	d. Availability Factor (3b/3c) (%)	100%
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (cents/KWH)	1.955
	b. Net Generation - FAC Basis (cents/KWH)	1.998
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 (November 2024)

Cost Components of Highest Priced Units:

UNIT NAME	(1) FULL LOAD HR <small>(BTU/KWH)</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	233.70	41.35	0.00	0.00	0.00	0.00	41.35	N/A	N/A
HAEFLING	17,765	630.28	111.97	0.00	0.00	0.00	0.00	111.97	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>Excluded in FO Calculation?</u>	<u>Additional Exclusion For FAC</u>	<u>PADDYS RUN 12 Available ?</u>
--------------------	----------------------	----------------	------------------	--------------------	---	------------------------------------	-------------------------------------	----------------------------------

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>Excluded in FO Calculation?</u>	<u>Additional Exclusion For FAC</u>	<u>HAEFLING Available ?</u>
--------------------	----------------------	----------------	------------------	--------------------	---	------------------------------------	-------------------------------------	-----------------------------

KU Total \$ - \$ - \$ -

OFF-SYSTEM SALES - ELECTRIC

	LG&E	KU (Consolidated)
Electric Off-System Sales	MTD Current Year November-24	MTD Current Year November-24
Revenue		
External Sales	\$ 89,403	\$ 4,583
Internal Sales	\$ 3,645	\$ -
Total	\$ 93,048	\$ 4,583
External Expenses		
Fuel	\$ (67,804)	\$ -
Purchase Power	\$ (1,783)	\$ (121)
ECR Consumables	\$ -	\$ -
Other Consumables	\$ (2,384)	\$ -
Transmission	\$ (799)	\$ (135)
RTO Costs	\$ (342)	\$ 451
Inter-System Losses	\$ (348)	\$ (18)
Internal Expenses		
Fuel	\$ (3,525)	\$ -
Purchase Power	\$ -	\$ (3,645)
Other Consumables	\$ (119)	\$ -
Transmission	\$ (10,026)	\$ (536)
Total	\$ (87,129)	\$ (4,005)
Electric Off-System Sales Margin	\$ 5,919	\$ 578
OSS Margin - Jurisdictional	\$ 4,439	\$ 408
OSS Margin - Non-Jurisdictional	\$ -	\$ 25
OSS Margin - Utility Share	\$ 1,480	\$ 145

SEEM Formation and Participation Costs

Expense Month: November 2024

<u>Item Description</u>	<u>LG&E</u>	<u>KU</u>
Administrative and legal expenses associated with the FERC proceeding	\$ 1,539	\$ 1,540
Costs of SEEM formation and participation	<u>\$ -</u>	<u>\$ -</u>
Total Costs	\$ 1,539	\$ 1,540