

**Andrea M. Fackler**

Manager, Revenue Requirement/Cost of Service  
State Regulation and Rates  
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**a PPL company**

**VIA ELECTRONIC FILING**

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

RECEIVED

JUL 12 2024

PUBLIC SERVICE  
COMMISSION

July 15, 2024

Dear Ms. Bridwell:

Enclosed are completed forms for Kentucky Utilities Company showing fuel inventories, power transactions, fuel purchases, and SEEM activities for the month of May 2024.

Sincerely,

A handwritten signature in blue ink that reads "Andrea M. Fackler".

Andrea M. Fackler

Enclosures

Company: Kentucky Utilities Company

Plant: E.W. Brown, Ghent and Trimble County

Month Ended: May 31, 2024

**Fuel: Coal**

<u><i>E.W. Brown High Sulfur</i></u>		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	4/30/2024	\$ 9,575,062.72	3,764,053.86	\$ 2.5438	167,670.00	\$ 57.1066
Add: Purchases		\$ 6,257,468.60 (5)	2,303,483.21	\$ 2.7165	100,599.50	\$ 62.2018
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 15,832,531.32	6,067,537.07	\$ 2.6094	268,269.50	\$ 59.0173
Less: Fuel Burned		\$ 1,800,588.03	722,985.73	\$ 2.4905	32,108.00	\$ 56.0791
Ending Inventory	5/31/2024	\$ 14,031,943.29	5,344,551.34	\$ 2.6255	236,161.50	\$ 59.4167
<u><i>Ghent High Sulfur</i></u>		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	4/30/2024	\$ 44,627,293.59	20,131,203.63	\$ 2.2168	841,760.12	\$ 53.0166
Add: Purchases		\$ 23,593,130.82 (4)	10,228,455.11	\$ 2.3066	431,346.89	\$ 54.6964
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 68,220,424.41	30,359,658.74	\$ 2.2471	1,273,107.01	\$ 53.5858
Less: Fuel Burned		\$ 21,233,309.57	9,488,931.26	\$ 2.2377	398,147.00	\$ 53.3303
Ending Inventory	5/31/2024	\$ 46,987,114.84	20,870,727.48	\$ 2.2513	874,960.01	\$ 53.7020
<u><i>Trimble County PRB</i></u>		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	4/30/2024	\$ 7,794,538.51	2,900,382.62	\$ 2.6874	163,007.27	\$ 47.8171
Add: Purchases		\$ 1,536,355.68	567,922.85	\$ 2.7052	31,731.00	\$ 48.4181
Adjustments		\$ (291,909.84) (2)	(107,905.49) (2)	\$ 2.7052	(6,028.90) (2)	\$ 48.4184
Sub-Total		\$ 9,038,984.35	3,360,399.98	\$ 2.6899	188,709.37	\$ 47.8990
Less: Fuel Burned-Jurisdictional		\$ 1,904,914.53	709,068.99	\$ 2.6865	39,827.25	\$ 47.8294
Fuel Burned-Non-Jurisdictional		\$ 700,083.46	260,598.00	\$ 2.6864	14,637.36	\$ 47.8285
Total Burn		\$ 2,604,997.99	969,666.99	\$ 2.6865	54,464.61	\$ 47.8292
Ending Inventory	5/31/2024	\$ 6,433,986.36	2,390,732.99	\$ 2.6912	134,244.76	\$ 47.9273
<u><i>Trimble County High Sulfur</i></u>		Amount	MMBTU	Per Unit	Tons	Per Unit
Beginning Inventory	4/30/2024	\$ 7,667,177.78	3,485,421.31	\$ 2.1998	152,188.74	\$ 50.3794
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ 6,356,802.22 (3)	2,903,578.84 (3)	\$ 2.1893	127,282.28 (3)	\$ 49.9426
Sub-Total		\$ 14,023,980.00	6,389,000.15	\$ 2.1950	279,471.02	\$ 50.1804
Less: Fuel Burned-Jurisdictional		\$ 3,997,841.08	1,832,358.46	\$ 2.1818	80,069.26	\$ 49.9298
Fuel Burned-Non-Jurisdictional		\$ 1,469,305.35	673,430.89	\$ 2.1818	29,427.16	\$ 49.9302
Total Burn		\$ 5,467,146.43	2,505,789.35	\$ 2.1818	109,496.42	\$ 49.9299
Ending Inventory	5/31/2024	\$ 8,556,833.57	3,883,210.80	\$ 2.2035	169,974.60	\$ 50.3418
<u><i>Coal In Transit</i></u>		Amount	MMBTU	Per Unit	Tons	Per Unit
Coal In Transit	5/31/2024	\$ 8,140,767.64 (1)	3,488,638.67 (1)	\$ 2.3335	154,861.91 (1)	\$ 52.5679
Total Combined Inventory	5/31/2024	\$ 84,150,645.70	35,977,861.28	\$ 2.3390	1,570,202.78	\$ 53.5922

(1) Coal In Transit consists of coal purchased and owned by KU that has not arrived at the plants

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

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

(4) Purchases can include contractual service costs related to transportation and handling of the inventory.

(5) Fixed rail capacity charges are included in purchases for EW Brown.

Company: Kentucky Utilities Company

Plant: E.W. Brown, Ghent and Haefling

Month Ended: May 31, 2024

**Fuel: Fuel Oil**

<b><u>E.W. Brown</u></b>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ 964,087.39	37,877.37	\$ 25.4529	270,551	\$ 3.5634
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 964,087.39	37,877.37	\$ 25.4529	270,551	\$ 3.5634
Less: Fuel Burned		\$ 72,191.26	2,836.26	\$ 25.4530	20,259	\$ 3.5634
Ending Inventory	5/31/2024	\$ 891,896.13	35,041.11	\$ 25.4529	250,292	\$ 3.5634
<b><u>E.W. Brown CTs</u></b>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ 4,910,233.46	271,135.31	\$ 18.1099	1,936,681	\$ 2.5354
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 4,910,233.46	271,135.31	\$ 18.1099	1,936,681	\$ 2.5354
Less: Fuel Burned		\$ 29,892.19	1,650.60	\$ 18.1099	11,790	\$ 2.5354
Ending Inventory	5/31/2024	\$ 4,880,341.27	269,484.71	\$ 18.1099	1,924,891	\$ 2.5354
<b><u>Ghent</u></b>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ 1,065,871.91	51,270.10	\$ 20.7893	366,215	\$ 2.9105
Add: Purchases		\$ (80.43) (1)	(4.20) (1)	\$ 19.1500	(30) (1)	\$ 2.6810
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 1,065,791.48	51,265.90	\$ 20.7895	366,185	\$ 2.9105
Less: Fuel Burned		\$ 285,289.91	13,722.80	\$ 20.7895	98,020	\$ 2.9105
Ending Inventory	5/31/2024	\$ 780,501.57	37,543.10	\$ 20.7895	268,165	\$ 2.9105
<b><u>Haefling</u></b>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ 2,624.01	182.02	\$ 14.4161	1,100	\$ 2.3855
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 2,624.01	182.02	\$ 14.4161	1,100	\$ 2.3855
Less: Fuel Burned		\$ -	-	\$ -	-	\$ -
Ending Inventory	5/31/2024	\$ 2,624.01	182.02	\$ 14.4161	1,100	\$ 2.3855
Total Combined Inventory	5/31/2024	\$ 6,555,362.98	342,250.94	\$ 19.1537	2,444,448	\$ 2.6817

(1) Negative purchases due to prior period adjustment.

Company: Kentucky Utilities Company

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

Month Ended: May 31, 2024

**Fuel: Natural Gas**

**E.W. Brown CTs**

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ 28,945.81	8,738.00	\$ 3.3126	8,540	\$ 3.3894
Add: Purchases		\$ 226,757.22	112,900.00	\$ 2.0085	110,146	\$ 2.0587
Adjustments		\$ 40,694.46 (1)	(3,943.00) (2)	\$ (10.3207)	(3,847) (2)	\$ (10.5782)
Sub-Total		\$ 296,397.49	117,695.00	\$ 2.5184	114,839	\$ 2.5810
Less: Fuel Burned KU Share		\$ 190,511.36	75,657.00	\$ 2.5181	73,813	\$ 2.5810
Current Month Purchases Allocated to LG&E		\$ 76,370.07	31,164.00	\$ 2.4506	30,404	\$ 2.5118
Fuel Inventory Allocated to LG&E		\$ 8,810.66	2,664.00	\$ 3.3073	2,599	\$ 3.3900
Total Burn		\$ 275,692.09	109,485.00	\$ 2.5181	106,816	\$ 2.5810
Ending Inventory	5/31/2024	\$ 20,705.40	8,210.00	\$ 2.5220	8,023	\$ 2.5808

**Haefling**

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ -	-	\$ -	-	\$ -
Add: Purchases		\$ -	-	\$ -	-	\$ -
Fixed Customer Charge		\$ 89.70	-	\$ -	-	\$ -
Total Purchases		\$ 89.70	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 89.70	-	\$ -	-	\$ -
Less: Fuel Burned		\$ 89.70	-	\$ -	-	\$ -
Ending Inventory	5/31/2024	\$ -	-	\$ -	-	\$ -

**Paddy's Run CTs**

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 81,784.42	29,257.00	\$ 2.7954	27,471	\$ 2.9771
Fixed Gas Demand Charge Allocated from LG&E		\$ 93,040.04	-	\$ -	-	\$ -
Total Purchases		\$ 174,824.46	29,257.00	\$ 5.9755	27,471	\$ 6.3640
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 174,824.46	29,257.00	\$ 5.9755	27,471	\$ 6.3640
Less: Fuel Burned		\$ 174,824.46	29,257.00	\$ 5.9755	27,471	\$ 6.3640
Ending Inventory	5/31/2024	\$ -	-	\$ -	-	\$ -

**Trimble County Start-up and Stabilization**

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 12,139.46	6,930.00	\$ 1.7517	6,507	\$ 1.8656
Fixed Gas Demand Charge Allocated from LG&E		\$ 82,876.73	-	\$ -	-	\$ -
Total Purchases		\$ 95,016.19	6,930.00	\$ 13.7108	6,507	\$ 14.6021
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 95,016.19	6,930.00	\$ 13.7108	6,507	\$ 14.6021
Less: Fuel Burned-Jurisdictional		\$ 68,398.80	4,989.00	\$ 13.7099	4,684	\$ 14.6026
Fuel Burned-Non-Jurisdictional		\$ 26,617.39 (3)	1,941.00 (3)	\$ 13.7132	1,823 (3)	\$ 14.6009
Total Burn		\$ 95,016.19	6,930.00	\$ 13.7108	6,507	\$ 14.6021

Ending Inventory	5/31/2024	\$ -	-	\$ -	-	\$ -
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**Trimble County CTs**

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ -	-	\$ -	-	\$ -
Add: Current Month Fuel Purchases Allocated from LG&E		\$ 1,124,771.55	630,237.00	\$ 1.7847	591,773	\$ 1.9007
Fuel Inventory Allocated from LG&E		\$ 130,022.47	86,735.00	\$ 1.4991	81,441	\$ 1.5965
Fixed Gas Demand Charge Allocated from LG&E		\$ 1,007,319.60	-	\$ -	-	\$ -
Total Purchases		\$ 2,262,113.62	716,972.00	\$ 3.1551	673,214	\$ 3.3602
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 2,262,113.62	716,972.00	\$ 3.1551	673,214	\$ 3.3602
Less: Fuel Burned		\$ 2,262,113.62	716,972.00	\$ 3.1551	673,214	\$ 3.3602
Ending Inventory	5/31/2024	\$ -	-	\$ -	-	\$ -

**Cane Run 7**

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	4/30/2024	\$ -	-	\$ -	-	\$ -
Add: Current Month Purchases Allocated from LG&E		\$ 3,354,796.63	1,234,502.00	\$ 2.7175	1,159,157	\$ 2.8942
Fuel Inventory Allocated from LG&E		\$ 445,655.72	117,816.00	\$ 3.7826	110,625	\$ 4.0285
Fixed Gas Demand Charge Allocated from LG&E		\$ 655,563.39	-	\$ -	-	\$ -
Total Purchases		\$ 4,456,015.74	1,352,318.00	\$ 3.2951	1,269,782	\$ 3.5093
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 4,456,015.74	1,352,318.00	\$ 3.2951	1,269,782	\$ 3.5093
Less: Fuel Burned		\$ 4,456,015.74	1,352,318.00	\$ 3.2951	1,269,782	\$ 3.5093
Ending Inventory	5/31/2024	\$ -	-	\$ -	-	\$ -
Total Combined Inventory	5/31/2024	\$ 20,705.40	8,210.00	\$ 2.5220	8,023	\$ 2.5808

(1) Includes depreciation addition and/or current month prepaid gas accrual, offset by reversal of prior month gas accrual.

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

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



Kentucky Utilities Company

Power Transaction Schedule

Month Ended May 31, 2024

Company	Type of Transaction	KWH	Billing Components				
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)	Total Charges(\$)	
<b>Purchases</b>							
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	27,000	\$ -	\$ 703.02	\$ -	\$ 703.02
ENERGY IMBALANCE	IMBL	Economy	490,000	\$ -	\$ 13,587.10	\$ -	\$ 13,587.10
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	200,000	\$ -	\$ 2,942.54	\$ -	\$ 2,942.54
TENNESSEE VALLEY AUTHORITY	TVA	Economy	612,000	\$ -	\$ 6,356.00	\$ -	\$ 6,356.00
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	Economy	5,000	\$ -	\$ 67.80	\$ -	\$ 67.80
THE ENERGY AUTHORITY-SEEM	TEAM	Economy	26,000	\$ -	\$ 337.00	\$ -	\$ 337.00
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	Economy	655,000	\$ -	\$ 8,769.44	\$ -	\$ 8,769.44
LQF TARIFF PURCHASE POWER	LQF TARIFF	LQF TARIFF	40,120	\$ -	\$ 974.51	\$ -	\$ 974.51
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	GTBS	-	\$ -	\$ 715.48	\$ -	\$ 715.48
SOLAR SHARE PROGRAM	SSP	SSP	-	\$ -	\$ 769.32	\$ -	\$ 769.32
NMS-2	NMS-2	NMS-2	885,999	\$ -	\$ 60,344.29	\$ -	\$ 60,344.29
SQF TARIFF PURCHASE POWER	SQF TARIFF	SQF Tariff	83,867	\$ -	\$ 2,054.73	\$ -	\$ 2,054.73
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	Economy	47,036,000	\$ -	\$ 1,160,760.99	\$ 20,016.06	\$ 1,180,777.05
OHIO VALLEY ELECTRIC CORPORATION	OVEC	Economy	13,428,000	\$ 1,067,586.31	\$ 546,147.45	\$ -	\$ 1,613,733.76
<b>Total Purchases</b>			<b>63,488,986</b>	<b>\$ 1,067,586.31</b>	<b>\$ 1,804,529.67</b>	<b>\$ 20,016.06</b>	<b>\$ 2,892,132.04</b>
<b>Sales</b>							
CONSTELLATION ENERGY GENERATION, LLC	CONSTGEN	Economy	334,000		\$ 6,360.49	\$ 8,456.91	\$ 14,817.40
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	6,000		\$ 83.80	\$ 111.42	\$ 195.22
ENERGY IMBALANCE	IMBL	Economy	1,094,000		\$ 14,444.05	\$ 19,089.13	\$ 33,533.18
MACQUARIE ENERGY, LLC	MACQUARIE	Economy	764,000		\$ 23,310.71	\$ 30,993.96	\$ 54,304.67
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy	5,362,000		\$ 177,799.82	\$ 236,402.94	\$ 414,202.76
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	522,000		\$ 7,923.44	\$ 10,535.06	\$ 18,458.50
RAINBOW ENERGY MARKETING CORP	REMC	Economy	1,688,000		\$ 30,845.57	\$ 41,012.33	\$ 71,857.90
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	Economy	39,000		\$ 664.26	\$ 883.21	\$ 1,547.47
DUKE ENERGY FLORIDA, LLC	DUKEFLORIDA	Economy	10,000		\$ 293.64	\$ 390.41	\$ 684.05
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	Economy	18,000		\$ 283.26	\$ 376.63	\$ 659.89
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	Economy	203,000		\$ 3,560.71	\$ 4,734.32	\$ 8,295.03
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	Economy	46,000		\$ 743.85	\$ 989.01	\$ 1,732.86
THE ENERGY AUTHORITY-SEEM	TEAM	Economy	838,000		\$ 14,055.22	\$ 18,687.86	\$ 32,743.08
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	Economy	48,037,000		\$ 1,118,500.80	\$ 38.94	\$ 1,118,539.74
<b>Total Sales</b>			<b>58,961,000</b>	<b>\$ -</b>	<b>\$ 1,398,869.62</b>	<b>\$ 372,702.13</b>	<b>\$ 1,771,571.75</b>



**Detailed Power Transaction Schedule**  
**Month Ended May 31, 2024**

<u>Company</u>		Native Load				Forced Outages		
		KWH	Energy Cost (\$)	KWH	\$/MWH	Energy Cost (\$)	KWH	\$/MWH
<b>Purchases</b>								
EAST KENTUCKY POWER COOPERATIVE	EKPC	27,000	\$ 312.90	15,000	\$ 20.86	\$ -	-	\$ -
ENERGY IMBALANCE	IMBL	490,000	\$ 6,465.77	242,000	\$ 26.72	\$ 305.66	12,000	\$ 25.47
PJM INTERCONNECTION ASSOCIATION	PJM	200,000	\$ 2,942.54	200,000	\$ 14.71	\$ -	-	\$ -
TENNESSEE VALLEY AUTHORITY	TVA	612,000	\$ 6,356.00	612,000	\$ 10.39	\$ -	-	\$ -
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	5,000	\$ 67.80	5,000	\$ 13.56	\$ -	-	\$ -
THE ENERGY AUTHORITY-SEEM	TEAM	26,000	\$ 337.00	26,000	\$ 12.96	\$ -	-	\$ -
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	655,000	\$ 8,769.44	655,000	\$ 13.39	\$ -	-	\$ -
LQF TARIFF PURCHASE POWER	LQF TARIFF	40,120	\$ 974.51	40,120	\$ 24.29	\$ -	-	\$ -
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	-	\$ 715.48	-	\$ -	\$ -	-	\$ -
SOLAR SHARE PROGRAM	SSP	-	\$ 769.32	-	\$ -	\$ -	-	\$ -
NMS-2	NMS-2	885,999	\$ 60,344.29	885,999	\$ 68.11	\$ -	-	\$ -
SQF TARIFF PURCHASE POWER	SQF TARIFF	83,867	\$ 2,054.73	83,867	\$ 24.50	\$ -	-	\$ -
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	47,036,000	\$ 945,669.07	38,543,000	\$ 24.54	\$ -	-	\$ -
OHIO VALLEY ELECTRIC CORPORATION	OVEC	13,428,000	\$ 517,571.72	13,428,000	\$ 38.54	\$ -	-	\$ -
<b>Total Purchases</b>		<b>63,488,986</b>	<b>\$ 1,553,350.57</b>	<b>54,735,986</b>	<b>\$ 28.38</b>	<b>\$ 305.66</b>	<b>12,000</b>	<b>\$ 25.47</b>

\*29,456 kWh related to Green Tariff Business Solar Purchase Power are included in generation for FAC purposes

\*31,685 kWh related to the Solar Share Program are included in generation for FAC purposes

<b>Sales</b>								
CONSTELLATION ENERGY GENERATION, LLC	CONSTGEN	334,000						
INDIANA MUNICIPAL POWER AGENCY	IMPA	6,000						
ENERGY IMBALANCE	IMBL	1,094,000						
MACQUARIE ENERGY, LLC	MACQUARIE	764,000						
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	5,362,000						
PJM INTERCONNECTION ASSOCIATION	PJM	522,000						
RAINBOW ENERGY MARKETING CORP	REMC	1,688,000						
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	39,000						
DUKE ENERGY FLORIDA, LLC	DUKEFLORIDA	10,000						
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	18,000						
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	203,000						
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	46,000						
THE ENERGY AUTHORITY-SEEM	TEAM	838,000						
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	48,037,000						
<b>Total Sales</b>		<b>58,961,000</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>	<b>\$ -</b>



Detailed Power Transaction Schedule  
Month Ended May 31, 2024

Company	OSS Purchases				Adj. From Prior Month (\$)	Total Energy * Charges (\$)	Demand(\$)	Other Charges(\$)	Total Charges(\$)
	KWH	Energy Cost (\$)	KWH	\$/MWH					
<b>Purchases</b>									
EAST KENTUCKY POWER COOPERATIVE	EKPC	27,000	\$ 390.12	12,000	\$ 32.51	\$ -	\$ 703.02	\$ -	\$ 703.02
ENERGY IMBALANCE	IMBL	490,000	\$ 6,815.67	236,000	\$ 28.88	\$ -	\$ 13,587.10	\$ -	\$ 13,587.10
PJM INTERCONNECTION ASSOCIATION	PJM	200,000	\$ -	-	\$ -	\$ -	\$ 2,942.54	\$ -	\$ 2,942.54
TENNESSEE VALLEY AUTHORITY	TVA	612,000	\$ -	-	\$ -	\$ -	\$ 6,356.00	\$ -	\$ 6,356.00
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	5,000	\$ -	-	\$ -	\$ -	\$ 67.80	\$ -	\$ 67.80
THE ENERGY AUTHORITY-SEEM	TEAM	26,000	\$ -	-	\$ -	\$ -	\$ 337.00	\$ -	\$ 337.00
TENNESSEE VALLEY AUTHORITY-SEEM	TVAM	655,000	\$ -	-	\$ -	\$ -	\$ 8,769.44	\$ -	\$ 8,769.44
LQF TARIFF PURCHASE POWER	LQF TARIFF	40,120	\$ -	-	\$ -	\$ -	\$ 974.51	\$ -	\$ 974.51
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	-	\$ -	-	\$ -	\$ -	\$ 715.48	\$ -	\$ 715.48
SOLAR SHARE PROGRAM	SSP	-	\$ -	-	\$ -	\$ -	\$ 769.32	\$ -	\$ 769.32
NMS-2	NMS-2	885,999	\$ -	-	\$ -	\$ -	\$ 60,344.29	\$ -	\$ 60,344.29
SQF TARIFF PURCHASE POWER	SQF TARIFF	83,867	\$ -	-	\$ -	\$ -	\$ 2,054.73	\$ -	\$ 2,054.73
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	47,036,000	\$ 215,091.92	8,493,000	\$ 25.33	\$ -	\$ 1,160,760.99	\$ -	\$ 1,180,777.05
OHIO VALLEY ELECTRIC CORPORATION	OVEC	13,428,000	\$ -	-	\$ -	\$ 28,575.73	\$ 546,147.45	\$ 1,067,586.31	\$ 1,613,733.76
<b>Total Purchases</b>		<b>63,488,986</b>	<b>\$ 222,297.71</b>	<b>8,741,000</b>	<b>\$ 25.43</b>	<b>\$ 28,575.73</b>	<b>\$ 1,804,529.67</b>	<b>\$ 1,067,586.31</b>	<b>\$ 2,892,132.04</b>

\*29,456 kWh related to Green Tariff Business Solar Purchase Power are included in generation for FAC purposes

\*31,685 kWh related to the Solar Share Program are included in generation for FAC purposes

<b>Sales</b>									
CONSTELLATION ENERGY GENERATION, LLC	CONSTGEN	334,000	\$ 5,043.08	267,000	\$ 18.89	\$ -	\$ 6,360.49	\$ 8,456.91	\$ 14,817.40
INDIANA MUNICIPAL POWER AGENCY	IMPA	6,000	\$ 66.44	5,000	\$ 13.29	\$ -	\$ 83.80	\$ 111.42	\$ 195.22
ENERGY IMBALANCE	IMBL	1,094,000	\$ 11,452.34	875,000	\$ 13.09	\$ -	\$ 14,444.05	\$ 19,089.13	\$ 33,533.18
MACQUARIE ENERGY, LLC	MACQUARIE	764,000	\$ 18,482.50	611,000	\$ 30.25	\$ -	\$ 23,310.71	\$ 30,993.96	\$ 54,304.67
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	5,362,000	\$ 140,973.21	4,290,000	\$ 32.86	\$ -	\$ 177,799.82	\$ 236,402.94	\$ 414,202.76
PJM INTERCONNECTION ASSOCIATION	PJM	522,000	\$ 6,282.31	419,000	\$ 14.99	\$ -	\$ 7,923.44	\$ 10,535.06	\$ 18,458.50
RAINBOW ENERGY MARKETING CORP	REMC	1,688,000	\$ 24,456.71	1,351,000	\$ 18.10	\$ -	\$ 30,845.57	\$ 41,012.33	\$ 71,857.90
DUKE ENERGY CAROLINAS, LLC-SEEM	DUKEBP	39,000	\$ 526.68	31,000	\$ 16.99	\$ -	\$ 664.26	\$ 883.21	\$ 1,547.47
DUKE ENERGY FLORIDA, LLC	DUKEFLORIDA	10,000	\$ 232.82	8,000	\$ 29.10	\$ -	\$ 293.64	\$ 390.41	\$ 684.05
DOMINION ENERGY SOUTH CAROLINA, INC.-SEEM	DESC	18,000	\$ 224.59	14,000	\$ 16.04	\$ -	\$ 283.26	\$ 376.63	\$ 659.89
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	203,000	\$ 2,823.20	162,000	\$ 17.43	\$ -	\$ 3,560.71	\$ 4,734.32	\$ 8,295.03
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	46,000	\$ 589.78	37,000	\$ 15.94	\$ -	\$ 743.85	\$ 989.01	\$ 1,732.86
THE ENERGY AUTHORITY-SEEM	TEAM	838,000	\$ 11,144.05	671,000	\$ 16.61	\$ -	\$ 14,055.22	\$ 18,687.86	\$ 32,743.08
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	48,037,000	\$ -	-	\$ -	\$ -	\$ 1,118,500.80	\$ 38.94	\$ 1,118,539.74
<b>Total Sales</b>		<b>58,961,000</b>	<b>\$ 222,297.71</b>	<b>8,741,000</b>	<b>\$ 25.43</b>	<b>\$ -</b>	<b>\$ 1,398,869.62</b>	<b>\$ 372,702.13</b>	<b>\$ 1,771,571.75</b>

	KWH	\$/MWH
GENERATION FOR OSS	2,183,000	\$ 26.60
GENERATION FOR INTERNAL ECONOMY TO LGE	48,007,000	\$ 23.06
GENERATION FOR INTERNAL REPLACEMENT TO LGE	30,000	\$ 25.72
SPLIT SAVINGS		\$ 10,549.61
SALES FROM INTERNAL GENERATION	50,220,000	\$ 1,176,571.91
SALES FROM OSS PURCHASES	8,741,000	\$ 222,297.71
	58,961,000	\$ 1,398,869.62
ADJUSTMENTS FROM PRIOR MONTHS	-	\$ -
	58,961,000	\$ 1,398,869.62



**Kentucky Utilities  
Analysis Of Coal Purchased for Fuel Clause Backup  
May - 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				
									\$ 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>E.W. Brown</b>																	
<b>E.W. Brown High Sulfur Coal</b>																	
<b>Long Term Contract</b>																	
Peabody COALSALLES LLC	P	J21009	R	U	IN	10,919.50	11,854	23.708	39.73	167.57	7.44	31.40	47.17	198.97	3.39	9.20	9.74
Peabody COALSALLES LLC	P	J21009	R	S	IN	89,680.00	11,399	22.799	49.40	216.68	8.69	38.13	58.09	254.81	3.20	7.36	13.58
<b>Total Long Term</b>						<b>100,599.50</b>	<b>11,449</b>	<b>22.898</b>	<b>48.35</b>	<b>211.16</b>	<b>8.56</b>	<b>37.38</b>	<b>56.91</b>	<b>248.54</b>	<b>3.22</b>	<b>7.56</b>	<b>13.17</b>
<b>Total E.W. Brown</b>						<b>100,599.50</b>	<b>11,449</b>	<b>22.898</b>	<b>48.35</b>	<b>211.16</b>	<b>8.56</b>	<b>37.38</b>	<b>56.91</b>	<b>248.54</b>	<b>3.22</b>	<b>7.56</b>	<b>13.17</b>

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

(c) POCN = Purchase Order  
or Contract Number

(d) MT = Mode of Transportation1  
Designated by Symbol

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

**Kentucky Utilities  
Analysis Of Coal Purchased for Fuel Clause Backup  
May - 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)	
<b>Ghent</b>																		
<b>Ghent High Sulfur Coal</b>																		
<b>Long Term Contract</b>																		
ACNR Coal Sales Inc	P	J21002	B	U	WV	8,323.00	12,972	25.943	46.26	178.32	7.24	27.91	53.50	206.23	1.83	7.54	6.56	
ACNR Coal Sales Inc	P	J17004B	B	U	WV	3,603.60	12,971	25.942	46.00	177.31	7.38	28.46	53.38	205.77	2.01	6.90	7.18	
ACNR Coal Sales Inc	P	J23001	B	U	WV	42,199.50	12,853	25.706	38.28	148.92	7.24	28.17	45.52	177.09	2.57	7.86	6.80	
ACNR Coal Sales Inc	P	J24006	B	U	WV	33,239.90	12,814	25.627	51.23	199.90	7.24	28.25	58.47	228.15	3.06	7.90	6.81	
Alliance Coal LLC	P	J21004	B	U	IL	22,942.66	11,614	23.227	42.33	182.26	5.98	25.75	48.31	208.01	2.59	8.85	11.55	
Alliance Coal LLC	P	J21004	B	U	WKY	17,017.87	11,441	22.882	42.08	183.91	5.98	26.13	48.06	210.04	3.14	9.52	11.79	
Alliance Coal LLC	P	J21010	B	U	WKY	44,006.66	11,447	22.894	41.35	180.61	5.98	26.12	47.33	206.73	3.08	9.46	11.78	
Alliance Coal LLC	P	J23004	B	U	WKY	37,815.61	11,449	22.899	52.04	227.26	5.98	26.12	58.02	253.38	3.05	9.50	11.80	
Alliance Coal LLC	P	J24007	B	U	WKY	3,416.20	11,459	22.919	46.92	204.71	5.98	26.09	52.90	230.80	3.02	9.50	11.79	
Foresight Coal Sales LLC	P	J21011	B	U	IL	40,085.72	11,712	23.424	33.93	144.87	5.98	25.53	39.91	170.40	2.72	9.20	10.40	
Iron Coal Sales LLC	P	J20001C	B	U	PA	58,390.95	12,802	25.604	46.66	182.23	13.62	53.22	60.28	235.45	3.24	8.98	6.44	
Knight Hawk Coal LLC	P	J21022	B	U	IL	50,557.38	11,123	22.246	37.58	168.91	10.79	48.51	48.37	217.42	3.01	8.90	13.16	
Knight Hawk Coal LLC	P	J23002	B	U	IL	33,691.63	11,072	22.143	45.51	205.50	10.83	48.92	56.34	254.42	3.00	9.68	12.72	
Peabody COALSALES LLC	P	J23003	B	U	IL	26,265.80	10,892	21.784	85.00	390.21	9.73	44.67	94.73	434.88	2.83	8.24	15.06	
<b>Total Long Term</b>						<b>421,556.48</b>	<b>11,857</b>	<b>23.714</b>	<b>45.67</b>	<b>192.60</b>	<b>8.50</b>	<b>35.85</b>	<b>54.17</b>	<b>228.45</b>	<b>2.92</b>	<b>8.87</b>	<b>10.31</b>	
<b>Spot Contract</b>																		
Fore LLC	B	J24005	B	U	WKY	3,352.98	12,661	25.321	37.57	148.36	8.09	31.95	45.66	180.31	2.28	9.16	7.28	
River Trading Company	B	J23021	B	S	EKY	6,437.43	11,387	22.774	43.45	190.79	5.47	24.02	48.92	214.81	2.53	14.11	8.62	
<b>Total Spot</b>						<b>9,790.41</b>	<b>11,823</b>	<b>23.646</b>	<b>41.43</b>	<b>175.23</b>	<b>6.37</b>	<b>26.93</b>	<b>47.80</b>	<b>202.16</b>	<b>2.45</b>	<b>12.42</b>	<b>8.16</b>	
<b>Total Ghent</b>						<b>431,346.89</b>	<b>11,856</b>	<b>23.713</b>	<b>45.58</b>	<b>192.21</b>	<b>8.45</b>	<b>35.64</b>	<b>54.03</b>	<b>227.85</b>	<b>2.91</b>	<b>8.95</b>	<b>10.26</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

**Kentucky Utilities  
Analysis Of Coal Purchased for Fuel Clause Backup  
May - 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				
									\$ 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 / KU</b>																	
<b>Trimble County / KU PRB Coal</b>																	
<b>Long Term Contract</b>																	
Arch Coal Sales Company Inc.	P	J23005	B/R	S	WY	31,731.00	8,949	17.898	15.94	89.04	31.24	174.54	47.18	263.58	0.26	4.88	26.37
<b>Total Long Term</b>						<b>31,731.00</b>	<b>8,949</b>	<b>17.898</b>	<b>15.94</b>	<b>89.04</b>	<b>31.24</b>	<b>174.54</b>	<b>47.18</b>	<b>263.58</b>	<b>0.26</b>	<b>4.88</b>	<b>26.37</b>
<b>Total Trimble County / KU</b>						<b>31,731.00</b>	<b>8,949</b>	<b>17.898</b>	<b>15.94</b>	<b>89.04</b>	<b>31.24</b>	<b>174.54</b>	<b>47.18</b>	<b>263.58</b>	<b>0.26</b>	<b>4.88</b>	<b>26.37</b>
<b>Total Kentucky Utilities</b>						<b>563,677.39</b>	<b>11,620</b>	<b>23.240</b>	<b>44.40</b>	<b>191.07</b>	<b>9.76</b>	<b>41.97</b>	<b>54.16</b>	<b>233.04</b>	<b>2.82</b>	<b>8.48</b>	<b>11.69</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

**KENTUCKY UTILITIES COMPANY**  
**ANALYSIS OF OTHER FUEL PURCHASES**  
**Month Ended: May 31, 2024**

<u>Fuel &amp; Supplier</u> <b>(a)</b>	<u>P</u> <b>(b)</b>	<u>O</u> <b>(c)</b>	<u>M</u> <b>(d)</b>	<u>Station</u> <b>(e)</b>	<u>Gal. or</u> <u>MCF</u> <u>Purchased</u> <b>(f)</b>	<u>BTU Per</u> <u>Unit</u> <b>(g)</b>	<u>Delivered</u> <u>Cost (\$)</u> <b>(h)</b>	<u>Cents</u> <u>Per</u> <u>MMBtu</u> <b>(i)</b>	<u>%</u> <u>Sulfur</u> <b>(j)</b>
<u>Oil</u>									
Valor LLC	D	J23018	T	Ghent	(30) (3)	0.140	(80.43) (3)	1,915.00	-
Total Oil					<u>(30)</u>	<u>0.140</u>	<u>(80.43)</u>		
<u>Natural Gas</u>									
Kentucky Utilities	U	-	P	Haefling	-	-	89.70	-	-
LG&E	U	-	P	Paddy's Run	27,471	1.065	174,824.46	597.55	-
LG&E	U	-	P	Trimble County	679,721 (2)	1.065	2,357,129.81 (2)	325.61	-
LG&E	U	-	P	Cane Run 7	1,269,782 (2)	1.065	4,456,015.74 (2)	329.51	-
Kentucky Utilities	U	-	P	EW Brown CTs	79,743 (1)	1.025	150,387.15 (1)	183.99	-
Total Natural Gas					<u>2,056,717</u>	<u>1.063</u>	<u>7,138,446.86</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 LG&E.  
(2) Amount includes a portion of existing LG&E fuel inventory allocated to KU based on KU's ownership in the applicable generating units.  
(3) Negative purchases due to prior period adjustment.

**Company Name: Kentucky Utilities Company**

**Station Name - Unit Number: E.W. Brown**

**Month Ended: May 31, 2024**

<u>Line No.</u>	<u>Item Description</u>	<u>Unit No. 3</u>
1.	Unit Performance:	
a.	Capacity in MW (name plate rating)	464
b.	Capacity in MW (average load, 2c/3a)	167
c.	Net Demonstrated Capability in MW	414
d.	Net Capability Factor in Percent (1b/1c) (%)	40%
2.	Heat Rate:	
a.	BTUs Consumed in MMBTU	725,822
b.	Gross Generation in MWH	71,489
c.	Net Generation in MWH	59,793
d.	Heat Rate in BTU per KWH (2a/2c)	12,139
3.	Operating Availability:	
a.	Hours Unit was Operated	358
b.	Hours Unit was Available	600
c.	Hours During the Period	744
d.	Availability Factor in Percent (3b/3c) (%)	81%
4.	Cost per KWH:	
a.	Gross Generation - FAC Basis in Cents per Kwh	2.620
b.	Net Generation - FAC Basis in Cents per Kwh	3.132
5.	Inventory Analysis:	
a.	Number of Days Supply Based on Actual Burn at the Station	132

**Company Name: Kentucky Utilities Company**

**Station Name - Unit Number: Ghent**

**Month Ended: May 31, 2024**

Line No.	Item Description	<u>Unit No. 1</u>	<u>Unit No. 2</u>	<u>Unit No. 3</u>	<u>Unit No. 4</u>	<u>Total Station</u>
1.	Unit Performance:					
a.	Capacity in MW (name plate rating)	557	556	557	556	
b.	Capacity in MW (average load, 2c/3a)	369	306	349	305	
c.	Net Demonstrated Capability in MW	477	486	479	478	
d.	Net Capability Factor in Percent (1b/1c) (%)	77%	63%	73%	64%	
2.	Heat Rate:					
a.	BTUs Consumed in MMBTU	1,947,192	2,260,295	2,801,319	2,493,848	
b.	Gross Generation in MWH	197,773	231,293	287,350	250,203	
c.	Net Generation in MWH	182,014	211,488	260,013	226,852	
d.	Heat Rate in BTU per KWH (2a/2c)	10,698	10,688	10,774	10,993	
3.	Operating Availability:					
a.	Hours Unit was Operated	494	692	744	744	
b.	Hours Unit was Available	494	725	744	744	
c.	Hours During the Period	744	744	744	744	
d.	Availability Factor in Percent (3b/3c) (%)	66%	97%	100%	100%	
4.	Cost per KWH:					
a.	Gross Generation - FAC Basis in Cents per Kwh	2.247	2.222	2.196	2.248	
b.	Net Generation - FAC Basis in Cents per Kwh	2.442	2.430	2.427	2.479	
5.	Inventory Analysis:					
a.	Number of Days Supply Based on Actual Burn at the Station (1)					73

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

Company Name: Kentucky Utilities Company

Station Name - Unit Number: Combustion Turbines

Month Ended: May 31, 2024

Line No.	Item Description	Haefling Unit No. 1	Haefling Unit No. 2	E.W. Brown Unit No. 5	E.W. Brown Unit No. 6	E.W. Brown Unit No. 7	E.W. Brown Unit No. 8	E.W. Brown Unit No. 9	E.W. Brown Unit No. 10	E.W. Brown Unit No. 11
1.	Unit Performance:									
a.	Capacity in MW (name plate rating)	21	21	123	177	177	126	126	126	126
b.	Capacity in MW (average load, 2c/3a)	1	-	80	118	129	41	65	64	-
c.	Net Demonstrated Capability in MW	13	13	120	157	157	118	118	118	118
d.	Net Capability Factor in Percent (1b/1c) (%)	11%	-	66%	75%	82%	35%	55%	54%	-
2.	Heat Rate:									
a.	BTUs Consumed in MMBTU	-	-	15,277	27,607	40,107	7,269	6,330	14,378	168
b.	Gross Generation in MWH	9	7	1,198	2,411	3,771	487	561	1,063	39
c.	Net Generation in MWH	1	-	1,051	2,246	3,597	385	454	961	(48) (1)
d.	Heat Rate in BTU per KWH (2a/2c)	-	-	14,536	12,292	11,150	18,881	13,943	14,961	-
3.	Operating Availability:									
a.	Hours Unit was Operated	0.7	1	13	19	28	9	7	15	1
b.	Hours Unit was Available	739	740	744	646	619	742	734	743	741
c.	Hours During the Period	744	744	744	744	744	744	744	744	744
d.	Availability Factor in Percent (3b/3c) (%)	99%	99%	100%	87%	83%	100%	99%	100%	100%
4.	Cost per KWH:									
a.	Gross Generation - FAC Basis in Cents per Kwh	0.498	0.641	3.211	2.883	2.678	5.285	4.331	4.275	2.887
b.	Net Generation - FAC Basis in Cents per Kwh	4.485	-	3.660	3.095	2.808	6.686	5.352	4.729	-
5.	Inventory Analysis:									
a.	Number of Days Supply Based on Actual Burn at the Station									NOT APPLICABLE

Brown CT 5, 6 and 7 are jointly owned by Louisville Gas and Electric Company (LG&E) and Kentucky Utilities (KU). KU will report 100% of the operating data for the CTs.

Paddy's Run GT-13 is jointly owned by Louisville Gas and Electric Company and Kentucky Utilities. LG&E will report 100% of the operating data for Paddy's Run.

Trimble County 5, 6, 7, 8, 9 and 10 are jointly owned by Louisville Gas and Electric Company and Kentucky Utilities. LG&E will report 100% of the operating data for Trimble County.

(1) Negative net generation due to station usage.

## Adjustments for Purchases Above KU/LGE Highest Priced Units (May 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	164.00	29.01	0.00	0.00		0.01		29.03	N/A
HAEFLING	17,765	512.00	90.96	0.00	0.00		0.01		90.97	N/A

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

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

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

	Purchase From	Cost \$	MWh Purch	Cost \$/MWh	Excluded Amount Prior to FO Calculation \$/MWh	Excluded in FO Calculation? \$	Additional Exclusion For FAC	HAEFLING Available ? Yes
1	MM/DD/YY Hr							
					KU Total	\$ -	\$ -	\$ -



## OFF-SYSTEM SALES - ELECTRIC

Electric Off-System Sales	LG&E	KU (Consolidated)
	MTD Current Year May-24	MTD Current Year May-24
Revenue		
External Sales <sup>1</sup>	\$ 159,467	\$ 653,032
Internal Sales	\$ 235,108	\$ 811
Total	\$ 394,575	\$ 653,843
External Expenses		
Fuel	\$ (65,609)	\$ (58,071)
Purchase Power	\$ (1,760)	\$ (7,329)
ECR Consumables	\$ -	\$ -
Other Consumables	\$ (2,608)	\$ (2,540)
Transmission	\$ (383)	\$ (1,397)
RTO Costs	\$ (141)	\$ (589)
Inter-System Losses	\$ (341)	\$ (1,402)
Internal Expenses		
Fuel	\$ (215,092)	\$ (772)
Purchase Power	\$ (811)	\$ (235,108)
Other Consumables	\$ (8,473)	\$ (32)
Transmission	\$ (18,287)	\$ (74,886)
Total	\$ (313,502)	\$ (382,125)
Electric Off-System Sales Margin	\$ 81,073	\$ 271,718
OSS Margin - Jurisdictional	\$ 60,805	\$ 193,585
OSS Margin - Non-Jurisdictional	\$ -	\$ 10,204
OSS Margin - Utility Share	\$ 20,268	\$ 67,929

Note 1: LG&E sold 282 MWh totaling \$11,156 through SEEM. KU sold 1,154 MWh totaling \$45,662 through SEEM.

**SEEM Formation and Participation Costs**

**Expense Month: May 2024**

<u>Item Description</u>	<u>LG&amp;E</u>	<u>KU</u>
Administrative and legal expenses associated with the FERC proceeding	\$ -	\$ -
Costs of SEEM formation and participation	<u>\$ 9,959</u>	<u>\$ 13,753</u>
Total Costs	\$ 9,959	\$ 13,753