

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

NOV 14 2024

PUBLIC SERVICE
COMMISSION

November 14, 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 September 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: September 30, 2024

Fuel: Coal

<u>E.W. Brown High Sulfur</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 15,510,947.24	5,416,449.92	\$ 2.8637	235,640.55	\$ 65.8246
Add: Purchases		\$ 1,883,821.82 (5)	503,553.20	\$ 3.7411	22,420.00	\$ 84.0242
Adjustments		\$ -	318,380.04 (6)	\$ -	13,851.00 (6)	\$ -
Sub-Total		\$ 17,394,769.06	6,238,383.16	\$ 2.7883	271,911.55	\$ 63.9722
Less: Fuel Burned		\$ 3,069,759.47	1,079,402.44	\$ 2.8439	46,985.00	\$ 65.3349
Ending Inventory	9/30/2024	\$ 14,325,009.59	5,158,980.72	\$ 2.7767	224,926.55	\$ 63.6875
<u>Ghent High Sulfur</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 38,121,215.90	16,819,499.45	\$ 2.2665	702,483.39	\$ 54.2664
Add: Purchases		\$ 18,424,947.03 (4)	8,059,922.22	\$ 2.2860	338,706.76	\$ 54.3979
Adjustments		\$ -	555,695.23 (6)	\$ -	23,203.00 (6)	\$ -
Sub-Total		\$ 56,546,162.93	25,435,116.90	\$ 2.2232	1,064,393.15	\$ 53.1253
Less: Fuel Burned		\$ 23,616,417.26	10,497,779.56	\$ 2.2497	439,679.00	\$ 53.7129
Ending Inventory	9/30/2024	\$ 32,929,745.67	14,937,337.34	\$ 2.2045	624,714.15	\$ 52.7117
<u>Trimble County PRB</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 6,428,493.09	2,392,448.20	\$ 2.6870	134,174.82	\$ 47.9113
Add: Purchases		\$ 2,427,436.54	910,501.37	\$ 2.6660	50,849.36	\$ 47.7378
Adjustments		\$ (461,213.43) (2)	(567,034.45) (2)(6)	\$ 0.8134	(31,763.05) (2)(6)	\$ 14.5204
Sub-Total		\$ 8,394,716.20	2,735,915.12	\$ 3.0683	153,261.13	\$ 54.7739
Less: Fuel Burned-Jurisdictional		\$ 599,043.01	223,260.03	\$ 2.6832	12,523.48	\$ 47.8336
Fuel Burned-Non-Jurisdictional		\$ 213,201.66	79,457.22	\$ 2.6832	4,457.05	\$ 47.8347
Total Burn		\$ 812,244.67	302,717.25	\$ 2.6832	16,980.53	\$ 47.8339
Ending Inventory	9/30/2024	\$ 7,582,471.53	2,433,197.87	\$ 3.1163	136,280.60	\$ 55.6387
<u>Trimble County High Sulfur</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 7,810,264.46	3,479,766.08	\$ 2.2445	152,459.88	\$ 51.2283
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ 5,262,930.34 (3)	1,891,896.33 (3)	\$ 2.7818	82,795.91 (3)	\$ 63.5651
Sub-Total		\$ 13,073,194.80	5,371,662.41	\$ 2.4337	235,255.79	\$ 55.5701
Less: Fuel Burned-Jurisdictional		\$ 1,596,752.85	717,727.00	\$ 2.2247	31,418.52	\$ 50.8220
Fuel Burned-Non-Jurisdictional		\$ 568,272.05	255,435.76	\$ 2.2247	11,181.71	\$ 50.8216
Total Burn		\$ 2,165,024.90	973,162.76	\$ 2.2247	42,600.23	\$ 50.8219
Ending Inventory	9/30/2024	\$ 10,908,169.90	4,398,499.65	\$ 2.4800	192,655.56	\$ 56.6201
<u>Coal In Transit</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Tons</u>	<u>Per Unit</u>
Coal In Transit	9/30/2024	\$ 15,534,496.94 (1)	6,949,399.86 (1)	\$ 2.2354	296,591.27 (1)	\$ 52.3768
Total Combined Inventory	9/30/2024	\$ 81,279,893.63	33,877,415.44	\$ 2.3992	1,475,168.13	\$ 55.0987

(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.

(6) 2024 annual stockpile adjustment

Company: Kentucky Utilities Company

Plant: E.W. Brown, Ghent and Haefling

Month Ended: September 30, 2024

Fuel: Fuel Oil

<u>E.W. Brown</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 771,670.03	30,317.65	\$ 25.4528	216,553	\$ 3.5634
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 771,670.03	30,317.65	\$ 25.4528	216,553	\$ 3.5634
Less: Fuel Burned		\$ 94,601.58	3,716.72	\$ 25.4530	26,548	\$ 3.5634
Ending Inventory	9/30/2024	\$ 677,068.45	26,600.93	\$ 25.4528	190,005	\$ 3.5634
<u>E.W. Brown CTs</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 4,880,341.27	269,484.71	\$ 18.1099	1,924,891	\$ 2.5354
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 4,880,341.27	269,484.71	\$ 18.1099	1,924,891	\$ 2.5354
Less: Fuel Burned		\$ -	-	\$ -	-	\$ -
Ending Inventory	9/30/2024	\$ 4,880,341.27	269,484.71	\$ 18.1099	1,924,891	\$ 2.5354
<u>Ghent</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 1,018,439.89	54,098.66	\$ 18.8256	386,419	\$ 2.6356
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 1,018,439.89	54,098.66	\$ 18.8256	386,419	\$ 2.6356
Less: Fuel Burned		\$ 86,526.26	4,596.20	\$ 18.8256	32,830	\$ 2.6356
Ending Inventory	9/30/2024	\$ 931,913.63	49,502.46	\$ 18.8256	353,589	\$ 2.6356
<u>Haefling</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ 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	9/30/2024	\$ 2,624.01	182.02	\$ 14.4161	1,100	\$ 2.3855
Total Combined Inventory	9/30/2024	\$ 6,491,947.36	345,770.12	\$ 18.7753	2,469,585	\$ 2.6288

Company: Kentucky Utilities Company

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

Month Ended: September 30, 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	8/31/2024	\$ 25,850.63	12,047.00	\$ 2.1458	11,765	\$ 2.1972
Add: Purchases		\$ 281,447.50	131,700.00	\$ 2.1370	128,488	\$ 2.1905
Adjustments		<u>\$ 41,486.96 (1)</u>	<u>(6,485.00) (2)</u>	\$ (6.3974)	<u>(6,327) (2)</u>	\$ (6.5571)
Sub-Total		\$ 348,785.09	137,262.00	\$ 2.5410	133,926	\$ 2.6043
Less: Fuel Burned KU Share		\$ 218,769.02	86,102.00	\$ 2.5408	84,003	\$ 2.6043
Current Month Purchases Allocated to LG&E		\$ 96,074.65	37,204.00	\$ 2.5824	36,297	\$ 2.6469
Fuel Inventory Allocated to LG&E		<u>\$ 8,352.57</u>	<u>3,896.00</u>	\$ 2.1439	<u>3,801</u>	\$ 2.1975
Total Burn		<u>\$ 323,196.24</u>	<u>127,202.00</u>	\$ 2.5408	<u>124,101</u>	\$ 2.6043
Ending Inventory	9/30/2024	\$ 25,588.85	10,060.00	\$ 2.5436	9,825	\$ 2.6045

Haefling

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ -	-	\$ -	-	\$ -
Add: Purchases		\$ -	-	\$ -	-	\$ -
Fixed Customer Charge		<u>\$ 89.70</u>	<u>-</u>	\$ -	<u>-</u>	\$ -
Total Purchases		\$ 89.70	-	\$ -	-	\$ -
Adjustments		<u>\$ -</u>	<u>-</u>	\$ -	<u>-</u>	\$ -
Sub-Total		\$ 89.70	-	\$ -	-	\$ -
Less: Fuel Burned		<u>\$ 89.70</u>	<u>-</u>	\$ -	<u>-</u>	\$ -
Ending Inventory	9/30/2024	\$ -	-	\$ -	-	\$ -

Paddy's Run CTs

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	8/31/2024	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 53,482.28	12,233.00	\$ 4.3720	11,486	\$ 4.6563
Fixed Gas Demand Charge Allocated from LG&E		<u>\$ 90,038.75</u>	<u>-</u>	\$ -	<u>-</u>	\$ -
Total Purchases		\$ 143,521.03	12,233.00	\$ 11.7323	11,486	\$ 12.4953
Adjustments		<u>\$ -</u>	<u>-</u>	\$ -	<u>-</u>	\$ -
Sub-Total		\$ 143,521.03	12,233.00	\$ 11.7323	11,486	\$ 12.4953
Less: Fuel Burned		<u>\$ 143,521.03</u>	<u>12,233.00</u>	\$ 11.7323	<u>11,486</u>	\$ 12.4953
Ending Inventory	9/30/2024	\$ -	-	\$ -	-	\$ -

Trimble County Start-up and Stabilization

		Amount	MMBTU	Per Unit	MCF	Per Unit
Beginning Inventory	8/31/2024	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 9,702.98	4,534.00	\$ 2.1400	4,257	\$ 2.2793
Fixed Gas Demand Charge Allocated from LG&E		\$ 80,203.29	-	\$ -	-	\$ -
Total Purchases		\$ 89,906.27	4,534.00	\$ 19.8293	4,257	\$ 21.1196
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 89,906.27	4,534.00	\$ 19.8293	4,257	\$ 21.1196
Less: Fuel Burned-Jurisdictional		\$ 66,307.67	3,344.00	\$ 19.8288	3,140	\$ 21.1171
Fuel Burned-Non-Jurisdictional		\$ 23,598.60 (3)	1,190.00 (3)	\$ 19.8308	1,117 (3)	\$ 21.1268
Total Burn		\$ 89,906.27	4,534.00	\$ 19.8293	4,257	\$ 21.1196
Ending Inventory	9/30/2024	\$ -	-	\$ -	-	\$ -

Trimble County CTs

		Amount	MMBTU	Per Unit	MCF	Per Unit
Beginning Inventory	8/31/2024	\$ -	-	\$ -	-	\$ -
Add: Current Month Fuel Purchases Allocated from LG&E		\$ 1,645,539.16	764,753.00	\$ 2.1517	718,078	\$ 2.2916
Fuel Inventory Allocated from LG&E		\$ 61,134.58	32,689.00	\$ 1.8702	30,693	\$ 1.9918
Fixed Gas Demand Charge Allocated from LG&E		\$ 974,825.36	-	\$ -	-	\$ -
Total Purchases		\$ 2,681,499.10	797,442.00	\$ 3.3626	748,771	\$ 3.5812
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 2,681,499.10	797,442.00	\$ 3.3626	748,771	\$ 3.5812
Less: Fuel Burned		\$ 2,681,499.10	797,442.00	\$ 3.3626	748,771	\$ 3.5812
Ending Inventory	9/30/2024	\$ -	-	\$ -	-	\$ -

Cane Run 7

		Amount	MMBTU	Per Unit	MCF	Per Unit
Beginning Inventory	8/31/2024	\$ -	-	\$ -	-	\$ -
Add: Current Month Purchases Allocated from LG&E		\$ 6,083,698.89	2,340,302.00	\$ 2.5995	2,197,467	\$ 2.7685
Fuel Inventory Allocated from LG&E		\$ 265,203.40	107,684.00	\$ 2.4628	101,111	\$ 2.6229
Fixed Gas Demand Charge Allocated from LG&E		\$ 634,416.19	-	\$ -	-	\$ -
Total Purchases		\$ 6,983,318.48	2,447,986.00	\$ 2.8527	2,298,578	\$ 3.0381
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 6,983,318.48	2,447,986.00	\$ 2.8527	2,298,578	\$ 3.0381
Less: Fuel Burned		\$ 6,983,318.48	2,447,986.00	\$ 2.8527	2,298,578	\$ 3.0381
Ending Inventory	9/30/2024	\$ -	-	\$ -	-	\$ -
Total Combined Inventory	9/30/2024	\$ 25,588.85	10,060.00	\$ 2.5436	9,825	\$ 2.6045

(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 September 30, 2024

Company	Type of Transaction	KWH	Billing Components			Total Charges(\$)	
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)		
Purchases							
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	903,000	\$ -	\$ 36,091.37	\$ -	\$ 36,091.37
ENERGY IMBALANCE	IMBL	Economy	290,000	\$ -	\$ 9,699.73	\$ -	\$ 9,699.73
TENNESSEE VALLEY AUTHORITY	TVA	Economy	-	\$ -	\$ 2,799.75	\$ -	\$ 2,799.75
LQF TARIFF PURCHASE POWER	LQF TARIFF	LQF TARIFF	73,200	\$ -	\$ 2,022.88	\$ -	\$ 2,022.88
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	GTBS	-	\$ -	\$ 1,100.14	\$ -	\$ 1,100.14
SOLAR SHARE PROGRAM	SSP	SSP	-	\$ -	\$ 634.25	\$ -	\$ 634.25
NMS-2	NMS-2	NMS-2	1,097,013	\$ -	\$ 60,126.44	\$ -	\$ 60,126.44
SQF TARIFF PURCHASE POWER	SQF TARIFF	SQF Tariff	83,495	\$ -	\$ 2,238.69	\$ -	\$ 2,238.69
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	Economy	15,429,000	\$ -	\$ 396,846.28	\$ 18,080.82	\$ 414,927.10
OHIO VALLEY ELECTRIC CORPORATION	OVEC	Economy	17,009,000	\$ 1,066,022.97	\$ 660,560.54	\$ -	\$ 1,726,583.51
Total Purchases			34,884,708	\$ 1,066,022.97	\$ 1,172,120.07	\$ 18,080.82	\$ 2,256,223.86
Sales							
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	366,000		\$ 6,258.82	\$ 6,037.47	\$ 12,296.29
ENERGY IMBALANCE	IMBL	Economy	872,000		\$ 15,207.05	\$ 14,448.18	\$ 29,655.23
MACQUARIE ENERGY, LLC	MACQUARIE	Economy	929,000		\$ 23,159.52	\$ 22,340.33	\$ 45,499.85
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy	5,431,000		\$ 183,537.24	\$ 177,045.85	\$ 360,583.09
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	5,909,000		\$ 163,186.20	\$ 157,381.80	\$ 320,568.00
RAINBOW ENERGY MARKETING CORP	REMC	Economy	2,277,000		\$ 52,940.61	\$ 51,068.15	\$ 104,008.76
THE ENERGY AUTHORITY	TEA	Economy	145,000		\$ 3,820.07	\$ 3,684.97	\$ 7,505.04
TENNESSEE VALLEY AUTHORITY	TVA	Economy	-		\$ -	\$ (0.06)	\$ (0.06)
DUKE ENERGY FLORIDA, LLC	DUKEFLORIDA	Economy	33,000		\$ 1,003.28	\$ 967.79	\$ 1,971.07
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	Economy	61,000		\$ 1,262.04	\$ 1,217.40	\$ 2,479.44
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	Economy	8,000		\$ 129.58	\$ 125.00	\$ 254.58
THE ENERGY AUTHORITY-SEEM	TEAM	Economy	349,000		\$ 8,626.70	\$ 8,321.60	\$ 16,948.30
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	Economy	121,218,000		\$ 2,795,834.82	\$ 731.85	\$ 2,796,566.67
Total Sales			137,598,000	\$ -	\$ 3,254,965.93	\$ 443,370.33	\$ 3,698,336.26



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

<u>Company</u>		KWH	Native Load			Forced Outages		
			Energy Cost (\$)	KWH	\$/MWH	Energy Cost (\$)	KWH	\$/MWH
<u>Purchases</u>								
EAST KENTUCKY POWER COOPERATIVE	EKPC	903,000	\$ 6,889.10	327,000	\$ 21.07	\$ 1,606.48	68,000	\$ 23.62
ENERGY IMBALANCE	IMBL	290,000	\$ 1,250.70	44,000	\$ 28.43	\$ 164.84	6,000	\$ 27.47
TENNESSEE VALLEY AUTHORITY	TVA	-	\$ -	-	\$ -	\$ -	-	\$ -
LQF TARIFF PURCHASE POWER	LQF TARIFF	73,200	\$ 2,022.88	73,200	\$ 27.63	\$ -	-	\$ -
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	-	\$ 1,100.14	-	\$ -	\$ -	-	\$ -
SOLAR SHARE PROGRAM	SSP	-	\$ 634.25	-	\$ -	\$ -	-	\$ -
NMS-2	NMS-2	1,097,013	\$ 60,126.44	1,097,013	\$ 54.81	\$ -	-	\$ -
SQF TARIFF PURCHASE POWER	SQF TARIFF	83,495	\$ 2,238.69	83,495	\$ 26.81	\$ -	-	\$ -
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	15,429,000	\$ 143,843.35	5,645,000	\$ 25.48	\$ -	-	\$ -
OHIO VALLEY ELECTRIC CORPORATION	OVEC	17,009,000	\$ 638,304.92	17,009,000	\$ 37.53	\$ -	-	\$ -
Total Purchases		34,884,708	\$ 856,410.47	24,278,708	\$ 35.27	\$ 1,771.32	74,000	\$ 23.94

*45,292 kWh related to Green Tariff Business Solar Purchase Power are included in generation for FAC purposes

*26,124 kWh related to the Solar Share Program are included in generation for FAC purposes

<u>Sales</u>								
INDIANA MUNICIPAL POWER AGENCY	IMPA	366,000						
ENERGY IMBALANCE	IMBL	872,000						
MACQUARIE ENERGY, LLC	MACQUARIE	929,000						
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	5,431,000						
PJM INTERCONNECTION ASSOCIATION	PJM	5,909,000						
RAINBOW ENERGY MARKETING CORP	REMC	2,277,000						
THE ENERGY AUTHORITY	TEA	145,000						
TENNESSEE VALLEY AUTHORITY	TVA	-						
DUKE ENERGY FLORIDA, LLC	DUKEFLORIDA	33,000						
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCEMC	61,000						
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	8,000						
THE ENERGY AUTHORITY-SEEM	TEAM	349,000						
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	121,218,000						
Total Sales		137,598,000	\$ -	-	\$ -	\$ -	-	\$ -



Detailed Power Transaction Schedule
Month Ended September 30, 2024

Company		KWH	Energy Cost (\$)	OSS Purchases		Adj. From Prior Month (\$)	Total Energy * Charges (\$)	Demand(\$)	Other Charges(\$)	Total Charges(\$)
				KWH	\$/MWH					
Purchases										
EAST KENTUCKY POWER COOPERATIVE	EKPC	903,000	\$ 27,595.79	508,000	\$ 54.32	\$ -	\$ 36,091.37	\$ -	\$ -	\$ 36,091.37
ENERGY IMBALANCE	IMBL	290,000	\$ 8,284.04	240,000	\$ 34.52	\$ 0.15	\$ 9,699.73	\$ -	\$ -	\$ 9,699.73
TENNESSEE VALLEY AUTHORITY	TVA	-	\$ -	-	\$ -	\$ 2,799.75	\$ 2,799.75	\$ -	\$ -	\$ 2,799.75
LQF TARIFF PURCHASE POWER	LQF TARIFF	73,200	\$ -	-	\$ -	\$ -	\$ 2,022.88	\$ -	\$ -	\$ 2,022.88
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	-	\$ -	-	\$ -	\$ -	\$ 1,100.14	\$ -	\$ -	\$ 1,100.14
SOLAR SHARE PROGRAM	SSP	-	\$ -	-	\$ -	\$ -	\$ 634.25	\$ -	\$ -	\$ 634.25
NMS-2	NMS-2	1,097,013	\$ -	-	\$ -	\$ -	\$ 60,126.44	\$ -	\$ -	\$ 60,126.44
SQF TARIFF PURCHASE POWER	SQF TARIFF	83,495	\$ -	-	\$ -	\$ -	\$ 2,238.69	\$ -	\$ -	\$ 2,238.69
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	15,429,000	\$ 253,201.44	9,791,000	\$ 25.86	\$ (198.51)	\$ 396,846.28	\$ -	\$ 18,080.82	\$ 414,927.10
OHIO VALLEY ELECTRIC CORPORATION	OVEC	17,009,000	\$ -	-	\$ -	\$ 22,255.62	\$ 660,560.54	\$ 1,066,022.97	\$ -	\$ 1,726,583.51
Total Purchases		34,884,708	\$ 289,081.27	10,539,000	\$ 27.43	\$ 24,857.01	\$ 1,172,120.07	\$ 1,066,022.97	\$ 18,080.82	\$ 2,256,223.86

*45,292 kWh related to Green Tariff Business Solar Purchase Power are included in generation for FAC purposes
*26,124 kWh related to the Solar Share Program are included in generation for FAC purposes

Sales										
INDIANA MUNICIPAL POWER AGENCY	IMPA	366,000	\$ 3,939.51	235,000	\$ 16.76	\$ -	\$ 6,258.82	\$ -	\$ 6,037.47	\$ 12,296.29
ENERGY IMBALANCE	IMBL	872,000	\$ 9,660.78	567,000	\$ 17.04	\$ (141.33)	\$ 15,207.05	\$ -	\$ 14,448.18	\$ 29,655.23
MACQUARIE ENERGY, LLC	MACQUARIE	929,000	\$ 14,577.37	597,000	\$ 24.42	\$ -	\$ 23,159.52	\$ -	\$ 22,340.33	\$ 45,499.85
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	5,431,000	\$ 115,524.41	3,492,000	\$ 33.08	\$ -	\$ 183,537.24	\$ -	\$ 177,045.85	\$ 360,583.09
PJM INTERCONNECTION ASSOCIATION	PJM	5,909,000	\$ 102,714.79	3,802,000	\$ 27.02	\$ -	\$ 163,186.20	\$ -	\$ 157,381.80	\$ 320,568.00
RAINBOW ENERGY MARKETING CORP	REMC	2,277,000	\$ 33,322.57	1,464,000	\$ 22.76	\$ -	\$ 52,940.61	\$ -	\$ 51,068.15	\$ 104,008.76
THE ENERGY AUTHORITY	TEA	145,000	\$ 2,404.48	93,000	\$ 25.85	\$ -	\$ 3,820.07	\$ -	\$ 3,684.97	\$ 7,505.04
TENNESSEE VALLEY AUTHORITY	TVA	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ (0.06)	\$ (0.06)
DUKE ENERGY FLORIDA, LLC	DUKEFLORIDA	33,000	\$ 631.50	21,000	\$ 30.07	\$ -	\$ 1,003.28	\$ -	\$ 967.79	\$ 1,971.07
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION-SEEM	NCCEMC	61,000	\$ 794.37	39,000	\$ 20.37	\$ -	\$ 1,262.04	\$ -	\$ 1,217.40	\$ 2,479.44
SOUTHERN COMPANY SERVICES, INC-SEEM	SWE	8,000	\$ 81.56	5,000	\$ 16.31	\$ -	\$ 129.58	\$ -	\$ 125.00	\$ 254.58
THE ENERGY AUTHORITY-SEEM	TEAM	349,000	\$ 5,429.93	224,000	\$ 24.24	\$ -	\$ 8,626.70	\$ -	\$ 8,321.60	\$ 16,948.30
LOUISVILLE GAS AND ELECTRIC COMPANY	LGE	121,218,000	\$ -	-	\$ -	\$ (410.02)	\$ 2,795,834.82	\$ -	\$ 731.85	\$ 2,796,566.67
Total Sales		137,598,000	\$ 289,081.27	10,539,000	\$ 27.43	\$ (551.35)	\$ 3,254,965.93	\$ -	\$ 443,370.33	\$ 3,698,336.26

	KWH	\$/MWH
GENERATION FOR OSS	5,850,000	\$ 170,191.17
GENERATION FOR INTERNAL ECONOMY TO LGE	120,639,000	\$ 2,755,277.13
GENERATION FOR INTERNAL REPLACEMENT TO LGE	597,000	\$ 17,173.86
SPLIT SAVINGS		\$ 23,793.85
SALES FROM INTERNAL GENERATION	127,086,000	\$ 2,966,436.01
SALES FROM OSS PURCHASES	10,539,000	\$ 289,081.27
	137,625,000	\$ 3,255,517.28
ADJUSTMENTS FROM PRIOR MONTHS	(27,000)	\$ (551.35)
	137,598,000	\$ 3,254,965.93

**Kentucky Utilities
Analysis Of Coal Purchased for Fuel Clause Backup
Sep - 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)	
E.W. Brown																		
E.W. Brown High Sulfur Coal																		
Long Term Contract																		
Peabody COALSALLES LLC	P	J21009	R	S	IN	22,420.00	11,230	22.460	51.56	229.57	8.60	38.30	60.16	267.87	3.06	7.50	13.91	
Total Long Term						22,420.00	11,230	22.460	51.56	229.57	8.60	38.30	60.16	267.87	3.06	7.50	13.91	
Total E.W. Brown						22,420.00	11,230	22.460	51.56	229.57	8.60	38.30	60.16	267.87	3.06	7.50	13.91	

(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
Analysis Of Coal Purchased for Fuel Clause Backup
Sep - 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)	
Ghent																		
Ghent High Sulfur Coal																		
Long Term Contract																		
ACNR Coal Sales Inc	P	J21002	B	U	WV	4,864.70	12,753	25.507	45.48	178.32	7.34	28.78	52.82	207.10	2.36	9.13	6.16	
ACNR Coal Sales Inc	P	J23001	B	U	WV	14,870.30	12,722	25.443	37.80	148.55	7.34	28.85	45.14	177.40	2.77	9.42	6.05	
ACNR Coal Sales Inc	P	J24006	B	U	WV	12,046.59	12,737	25.473	50.78	199.33	7.34	28.82	58.12	228.15	2.99	8.98	6.33	
Alliance Coal LLC	P	J21004	B	U	IL	7,778.00	11,701	23.402	42.48	181.52	6.06	25.89	48.54	207.41	2.52	8.92	10.85	
Alliance Coal LLC	P	J21004	B	U	WKY	23,646.81	11,445	22.890	42.09	183.89	6.06	26.47	48.15	210.36	3.03	9.37	11.73	
Alliance Coal LLC	P	J21010	B	U	WKY	38,094.04	11,455	22.910	42.03	183.45	6.06	26.45	48.09	209.90	3.07	9.42	11.71	
Alliance Coal LLC	P	J23004	B	U	WKY	23,159.14	11,450	22.900	52.03	227.20	6.06	26.47	58.09	253.67	3.04	9.40	11.68	
Alliance Coal LLC	P	J24007	B	U	WKY	5,152.98	11,425	22.849	46.86	205.06	6.06	26.52	52.92	231.58	2.96	9.30	11.64	
Foresight Coal Sales LLC	P	J21011	B	U	IL	57,031.20	11,531	23.063	34.11	147.91	6.06	26.27	40.17	174.18	3.02	8.91	11.31	
Iron Coal Sales LLC	P	J20001C	B	U	PA	82,368.25	12,888	25.777	46.87	181.82	13.77	53.42	60.64	235.24	3.36	8.36	6.48	
Knight Hawk Coal LLC	P	J21022	B	U	IL	37,785.71	11,158	22.316	37.43	167.74	10.94	49.02	48.37	216.76	2.98	8.77	13.03	
Knight Hawk Coal LLC	P	J23002	B	U	IL	14,954.64	11,136	22.271	45.71	205.23	10.94	49.12	56.65	254.35	3.00	9.46	12.48	
Peabody COALSALES LLC	P	J23003	B	U	IL	12,372.40	11,113	22.225	90.03	405.07	9.88	44.45	99.91	449.52	2.97	8.31	13.33	
Total Long Term						334,124.76	11,887	23.773	44.25	186.15	9.00	37.83	53.25	223.98	3.07	8.92	10.05	
Spot Contract																		
Fore LLC	B	J24005	B	U	WKY	4,582.00	12,738	25.476	37.80	148.36	8.20	32.19	46.00	180.55	3.07	9.35	6.60	
Total Spot						4,582.00	12,738	25.476	37.80	148.36	8.20	32.19	46.00	180.55	3.07	9.35	6.60	
Total Ghent						338,706.76	11,898	23.796	44.17	185.60	8.98	37.75	53.15	223.35	3.07	8.93	10.00	

(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
Sep - 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)
Trimble County / KU																	
Trimble County / KU PRB Coal																	
Long Term Contract																	
Arch Coal Sales Company Inc.	P	J23005	B/R	S	WY	50,849.36	8,953	17.906	15.94	89.04	31.05	173.40	46.99	262.44	0.24	4.63	26.82
Total Long Term						50,849.36	8,953	17.906	15.94	89.04	31.05	173.40	46.99	262.44	0.24	4.63	26.82
Total Trimble County / KU						50,849.36	8,953	17.906	15.94	89.04	31.05	173.40	46.99	262.44	0.24	4.63	26.82
Total Kentucky Utilities						411,976.12	11,498	22.996	41.08	178.66	11.69	50.81	52.77	229.47	2.72	8.32	12.29

(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: September 30, 2024

<u>Fuel & Supplier</u>	<u>P</u> <u>D</u> <u>U</u> (a)	<u>P</u> <u>C</u> <u>N</u> (b)	<u>M</u> <u>T</u> <u>I</u> (c)	<u>Station</u> <u>Name</u> (e)	<u>Gal. or</u> <u>MCF</u> <u>Purchased</u> (f)	<u>BTU Per</u> <u>Unit</u> (g)	<u>Delivered</u> <u>Cost (\$)</u> (h)	<u>Cents</u> <u>Per</u> <u>MMBtu</u> (i)	<u>%</u> <u>Sulfur</u> (j)
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There were no oil purchases during the current month.

Natural Gas

Kentucky Utilities	U	-	P	Haefling	-	0.000	89.70	-	-
LG&E	U	-	P	Paddy's Run	11,486	1.065	143,521.03	1,173.23	-
LG&E	U	-	P	Trimble County	753,028 (2)	1.065	2,771,405.37 (2)	345.57	-
LG&E	U	-	P	Cane Run 7	2,298,578 (2)	1.065	6,983,318.48 (2)	285.27	-
Kentucky Utilities	U	-	P	EW Brown CTs	92,191 (1)	1.025	185,372.85 (1)	196.17	-
Total Natural Gas					<u>3,155,283</u>	<u>1.064</u>	<u>10,083,707.43</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.

Company Name: Kentucky Utilities Company

Station Name - Unit Number: E.W. Brown

Month Ended: September 30, 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)	172
c.	Net Demonstrated Capability in MW	414
d.	Net Capability Factor in Percent (1b/1c) (%)	42%
2.	Heat Rate:	
a.	BTUs Consumed in MMBTU	1,083,119
b.	Gross Generation in MWH	104,978
c.	Net Generation in MWH	89,788
d.	Heat Rate in BTU per KWH (2a/2c)	12,063
3.	Operating Availability:	
a.	Hours Unit was Operated	521
b.	Hours Unit was Available	555
c.	Hours During the Period	720
d.	Availability Factor in Percent (3b/3c) (%)	77%
4.	Cost per KWH:	
a.	Gross Generation - FAC Basis in Cents per Kwh	3.014
b.	Net Generation - FAC Basis in Cents per Kwh	3.524
5.	Inventory Analysis:	
a.	Number of Days Supply Based on Actual Burn at the Station	133

Company Name: Kentucky Utilities Company

Station Name - Unit Number: Ghent

Month Ended: September 30, 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)	372	321	343	303	
c.	Net Demonstrated Capability in MW	477	486	479	478	
d.	Net Capability Factor in Percent (1b/1c) (%)	78%	66%	72%	63%	
2.	Heat Rate:					
a.	BTUs Consumed in MMBTU	2,905,007	2,484,142	2,691,239	2,421,988	
b.	Gross Generation in MWH	290,222	253,553	272,616	241,945	
c.	Net Generation in MWH	267,958	231,439	246,975	218,268	
d.	Heat Rate in BTU per KWH (2a/2c)	10,841	10,733	10,897	11,096	
3.	Operating Availability:					
a.	Hours Unit was Operated	720	720	720	720	
b.	Hours Unit was Available	720	720	720	720	
c.	Hours During the Period	720	720	720	720	
d.	Availability Factor in Percent (3b/3c) (%)	100%	100%	100%	100%	
4.	Cost per KWH:					
a.	Gross Generation - FAC Basis in Cents per Kwh	2.253	2.206	2.234	2.266	
b.	Net Generation - FAC Basis in Cents per Kwh	2.440	2.416	2.466	2.512	
5.	Inventory Analysis:					
a.	Number of Days Supply Based on Actual Burn at the Station (1)					51

(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: September 30, 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)	-	-	66	121	122	57	46	54	38
c.	Net Demonstrated Capability in MW	13	13	120	157	157	118	118	118	118
d.	Net Capability Factor in Percent (1b/1c) (%)	-	-	55%	77%	78%	48%	39%	46%	33%
2.	Heat Rate:									
a.	BTUs Consumed in MMBTU	-	-	13,579	52,429	36,791	7,803	5,974	6,490	4,137
b.	Gross Generation in MWH	-	-	1,043	4,914	3,391	592	443	452	304
c.	Net Generation in MWH	(6) (1)	(6) (1)	826	4,747	3,234	446	300	318	165
d.	Heat Rate in BTU per KWH (2a/2c)	-	-	16,439	11,045	11,376	17,496	19,913	20,409	25,073
3.	Operating Availability:									
a.	Hours Unit was Operated	-	-	13	39	27	8	7	6	4
b.	Hours Unit was Available	720	720	644	720	720	719	702	718	718
c.	Hours During the Period	720	720	720	720	720	720	720	720	720
d.	Availability Factor in Percent (3b/3c) (%)	100%	100%	89%	100%	100%	100%	97%	100%	100%
4.	Cost per KWH:									
a.	Gross Generation - FAC Basis in Cents per Kwh	-	-	3.308	2.711	2.757	3.349	3.426	3.648	3.458
b.	Net Generation - FAC Basis in Cents per Kwh	-	-	4.177	2.806	2.890	4.445	5.059	5.186	6.370
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 (September 2024)

Cost Components of Highest Priced Units:

UNIT NAME	(1) FULL LOAD HR <small>(BTU/KWH)</small>	(2) FUEL COST <small>(¢/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) V O&M <small>(\$/MWH)</small>	(7) Maint PRICE <small>(\$/MWH)</small>	(8)=(6)+(7) TOTAL PRICE <small>(\$/MWH)</small>
PADDYS RUN 12	17,692	184.30	32.61	0.00	0.00	0.01		32.62	N/A	N/A	
HAEFLING	17,765	630.28	111.97	0.00	0.00	0.01		111.98	N/A	N/A	

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

MM/DD/YY Hr	Purchase From	Cost \$	MWh Purch	Excluded Amount Prior to FO Calculation			Excluded in FO Calculation?		Additional Exclusion For FAC	PADDYS RUN 12 Available ?
				Cost \$/MWh	\$/MWh	\$	Yes	No		
1 9/26/24 HE16	EKPC	\$ 763.25	3	\$ 254.42	\$ 221.81	\$ 665.42	\$0.00	\$ 665.42	Yes	
2 9/24/24 HE7	EKPC	\$ 352.93	3	\$ 117.64	\$ 85.03	\$ 255.10	\$0.00	\$ 255.10	Yes	
3 9/23/24 HE7	EKPC	\$ 368.53	4	\$ 92.13	\$ 59.52	\$ 238.09	\$0.00	\$ 238.09	Yes	
4 9/26/24 HE15	EKPC	\$ 364.12	4	\$ 91.03	\$ 58.42	\$ 233.68	\$0.00	\$ 233.68	Yes	
5 9/26/24 HE16	LGEETRANS	\$ 172.95	2	\$ 86.48	\$ 53.87	\$ 107.73	\$0.00	\$ 107.73	Yes	
6 9/26/24 HE16	LGEETRANS	\$ 172.95	2	\$ 86.48	\$ 53.87	\$ 107.73	\$0.00	\$ 107.73	Yes	
7 9/14/24 HE17	EKPC	\$ 430.30	5	\$ 86.06	\$ 53.45	\$ 267.25	Yes	\$ -	Yes	
8 9/15/24 HE17	EKPC	\$ 217.90	3	\$ 72.63	\$ 40.02	\$ 120.07	Yes	\$ -	Yes	
9 9/21/24 HE15	EKPC	\$ 425.35	6	\$ 70.89	\$ 38.28	\$ 229.69	Yes	\$ -	Yes	
10 9/21/24 HE17	EKPC	\$ 421.46	6	\$ 70.24	\$ 37.63	\$ 225.80	Yes	\$ -	Yes	
11 9/5/24 HE17	EKPC	\$ 340.65	5	\$ 68.13	\$ 35.52	\$ 177.60	\$0.00	\$ 177.60	Yes	
12 9/11/24 HE15	EKPC	\$ 263.12	4	\$ 65.78	\$ 33.17	\$ 132.68	\$0.00	\$ 132.68	Yes	
13 9/4/24 HE19	EKPC	\$ 262.51	4	\$ 65.63	\$ 33.02	\$ 132.07	\$0.00	\$ 132.07	Yes	
14 9/24/24 HE19	EKPC	\$ 126.02	2	\$ 63.01	\$ 30.40	\$ 60.80	\$0.00	\$ 60.80	Yes	
15 9/23/24 HE6	EKPC	\$ 183.85	3	\$ 61.28	\$ 28.67	\$ 86.02	\$0.00	\$ 86.02	Yes	
16 9/3/24 HE18	EKPC	\$ 117.62	2	\$ 58.81	\$ 26.20	\$ 52.40	\$0.00	\$ 52.40	Yes	
17 9/21/24 HE18	EKPC	\$ 351.66	6	\$ 58.61	\$ 26.00	\$ 156.00	Yes	\$ -	Yes	
18 9/21/24 HE16	EKPC	\$ 291.90	5	\$ 58.38	\$ 25.77	\$ 128.85	Yes	\$ -	Yes	
19 9/5/24 HE20	EKPC	\$ 290.42	5	\$ 58.08	\$ 25.47	\$ 127.37	\$0.00	\$ 127.37	Yes	
20 9/17/24 HE19	EKPC	\$ 171.91	3	\$ 57.30	\$ 24.69	\$ 74.08	\$0.00	\$ 74.08	Yes	
21 9/20/24 HE11	EKPC	\$ 228.63	4	\$ 57.16	\$ 24.55	\$ 98.19	Yes	\$ -	Yes	
22 9/26/24 HE6	EKPC	\$ 171.22	3	\$ 57.07	\$ 24.46	\$ 73.39	\$0.00	\$ 73.39	Yes	
23 9/22/24 HE23	EKPC	\$ 56.51	1	\$ 56.51	\$ 23.90	\$ 23.90	\$0.00	\$ 23.90	Yes	
24 9/18/24 HE6	EKPC	\$ 166.34	3	\$ 55.45	\$ 22.84	\$ 68.51	\$0.00	\$ 68.51	Yes	
25 9/17/24 HE18	EKPC	\$ 215.54	4	\$ 53.89	\$ 21.28	\$ 85.10	\$0.00	\$ 85.10	Yes	
26 9/22/24 HE14	EKPC	\$ 53.69	1	\$ 53.69	\$ 21.08	\$ 21.08	\$0.00	\$ 21.08	Yes	
27 9/26/24 HE13	EKPC	\$ 106.98	2	\$ 53.49	\$ 20.88	\$ 41.76	\$0.00	\$ 41.76	Yes	
28 9/14/24 HE23	EKPC	\$ 105.95	2	\$ 52.98	\$ 20.37	\$ 40.73	Yes	\$ -	Yes	
29 9/10/24 HE6	EKPC	\$ 49.89	1	\$ 49.89	\$ 17.28	\$ 17.28	Yes	\$ -	Yes	
30 9/24/24 HE16	EKPC	\$ 248.52	5	\$ 49.70	\$ 17.09	\$ 85.47	\$0.00	\$ 85.47	Yes	
31 9/16/24 HE13	EKPC	\$ 243.03	5	\$ 48.61	\$ 16.00	\$ 79.98	Yes	\$ -	Yes	
32 9/10/24 HE16	EKPC	\$ 145.26	3	\$ 48.42	\$ 15.81	\$ 47.43	Yes	\$ -	Yes	
33 9/21/24 HE17	LGEETRANS	\$ 144.75	3	\$ 48.25	\$ 15.64	\$ 46.92	Yes	\$ -	Yes	
34 9/21/24 HE17	LGEETRANS	\$ 96.50	2	\$ 48.25	\$ 15.64	\$ 31.28	Yes	\$ -	Yes	
35 9/5/24 HE17	LGEETRANS	\$ 96.06	2	\$ 48.03	\$ 15.42	\$ 30.84	\$0.00	\$ 30.84	Yes	
36 9/4/24 HE17	EKPC	\$ 229.61	5	\$ 45.92	\$ 13.31	\$ 66.56	\$0.00	\$ 66.56	Yes	
37 9/4/24 HE20	EKPC	\$ 91.66	2	\$ 45.83	\$ 13.22	\$ 26.44	\$0.00	\$ 26.44	Yes	
38 9/18/24 HE11	EKPC	\$ 91.50	2	\$ 45.75	\$ 13.14	\$ 26.28	\$0.00	\$ 26.28	Yes	
39 9/10/24 HE15	EKPC	\$ 90.11	2	\$ 45.06	\$ 12.45	\$ 24.89	Yes	\$ -	Yes	
40 9/23/24 HE12	EKPC	\$ 224.67	5	\$ 44.93	\$ 12.32	\$ 61.62	\$0.00	\$ 61.62	Yes	
41 9/19/24 HE6	EKPC	\$ 133.86	3	\$ 44.62	\$ 12.01	\$ 36.03	\$0.00	\$ 36.03	Yes	
42 9/16/24 HE19	EKPC	\$ 222.25	5	\$ 44.45	\$ 11.84	\$ 59.20	Yes	\$ -	Yes	
43 9/24/24 HE6	EKPC	\$ 176.39	4	\$ 44.10	\$ 11.49	\$ 45.95	\$0.00	\$ 45.95	Yes	
44 9/17/24 HE17	EKPC	\$ 87.52	2	\$ 43.76	\$ 11.15	\$ 22.30	\$0.00	\$ 22.30	Yes	
45 9/9/24 HE17	EKPC	\$ 130.26	3	\$ 43.42	\$ 10.81	\$ 32.43	\$0.00	\$ 32.43	Yes	
46 9/17/24 HE14	EKPC	\$ 129.89	3	\$ 43.30	\$ 10.69	\$ 32.06	\$0.00	\$ 32.06	Yes	
47 9/11/24 HE13	EKPC	\$ 129.28	3	\$ 43.09	\$ 10.48	\$ 31.45	\$0.00	\$ 31.45	Yes	
48 9/14/24 HE15	EKPC	\$ 171.43	4	\$ 42.86	\$ 10.25	\$ 40.99	Yes	\$ -	Yes	
49 9/23/24 HE5	EKPC	\$ 170.78	4	\$ 42.70	\$ 10.09	\$ 40.34	\$0.00	\$ 40.34	Yes	
50 9/24/24 HE12	EKPC	\$ 169.95	4	\$ 42.49	\$ 9.88	\$ 39.51	\$0.00	\$ 39.51	Yes	

Adjustments for Purchases Above KU/LGE Highest Priced Units (September 2024)

Cost Components of Highest Priced Units:

UNIT NAME	(1) FULL LOAD HR <small>(BTU/KWH)</small>	(2) FUEL COST <small>(\$/MWH)</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)	(7) Maint V O&M <small>(\$/MWH)</small>	(8)=(6)+(7) TOTAL PRICE <small>(\$/MWH)</small>
PADDYS RUN 12	17,692	184.30	32.61	0.00	0.00	0.01		32.62		N/A	N/A
HAEFLING	17,765	630.28	111.97	0.00	0.00	0.01		111.98		N/A	N/A
51 9/11/24 HE15	LGEETRANS	\$ 84.68		2	\$ 42.34	\$ 9.73	\$ 19.46	\$ 0.00	\$ 19.46	Yes	
52 9/5/24 HE20	LGEETRANS	\$ 84.24		2	\$ 42.12	\$ 9.51	\$ 19.02	\$ 0.00	\$ 19.02	Yes	
53 9/17/24 HE20	EKPC	\$ 125.84		3	\$ 41.95	\$ 9.34	\$ 28.01	\$ 0.00	\$ 28.01	Yes	
54 9/16/24 HE20	EKPC	\$ 167.31		4	\$ 41.83	\$ 9.22	\$ 36.87	Yes	\$ -	Yes	
55 9/15/24 HE13	EKPC	\$ 166.98		4	\$ 41.75	\$ 9.14	\$ 36.54	Yes	\$ -	Yes	
56 9/5/24 HE22	EKPC	\$ 83.04		2	\$ 41.52	\$ 8.91	\$ 17.82	\$ 0.00	\$ 17.82	Yes	
57 9/12/24 HE16	EKPC	\$ 123.70		3	\$ 41.23	\$ 8.62	\$ 25.87	\$ 0.00	\$ 25.87	Yes	
58 9/19/24 HE7	EKPC	\$ 164.04		4	\$ 41.01	\$ 8.40	\$ 33.60	\$ 0.00	\$ 33.60	Yes	
59 9/11/24 HE16	EKPC	\$ 203.64		5	\$ 40.73	\$ 8.12	\$ 40.59	\$ 0.00	\$ 40.59	Yes	
60 9/21/24 HE22	EKPC	\$ 122.16		3	\$ 40.72	\$ 8.11	\$ 24.33	Yes	\$ -	Yes	
61 9/14/24 HE16	EKPC	\$ 161.78		4	\$ 40.45	\$ 7.84	\$ 31.34	Yes	\$ -	Yes	
62 9/22/24 HE12	EKPC	\$ 201.49		5	\$ 40.30	\$ 7.69	\$ 38.44	Yes	\$ -	Yes	
63 9/25/24 HE21	EKPC	\$ 160.81		4	\$ 40.20	\$ 7.59	\$ 30.37	\$ 0.00	\$ 30.37	Yes	
64 9/23/24 HE11	EKPC	\$ 198.59		5	\$ 39.72	\$ 7.11	\$ 35.54	\$ 0.00	\$ 35.54	Yes	
65 9/16/24 HE21	EKPC	\$ 196.39		5	\$ 39.28	\$ 6.67	\$ 33.34	Yes	\$ -	Yes	
66 9/8/24 HE20	EKPC	\$ 39.14		1	\$ 39.14	\$ 6.53	\$ 6.53	\$ 0.00	\$ 6.53	Yes	
67 9/10/24 HE23	EKPC	\$ 38.70		1	\$ 38.70	\$ 6.09	\$ 6.09	Yes	\$ -	Yes	
68 9/20/24 HE21	EKPC	\$ 192.35		5	\$ 38.47	\$ 5.86	\$ 29.30	Yes	\$ -	Yes	
69 9/9/24 HE20	EKPC	\$ 115.02		3	\$ 38.34	\$ 5.73	\$ 17.19	\$ 0.00	\$ 17.19	Yes	
70 9/20/24 HE22	EKPC	\$ 191.31		5	\$ 38.26	\$ 5.65	\$ 28.26	Yes	\$ -	Yes	
71 9/20/24 HE10	EKPC	\$ 114.31		3	\$ 38.10	\$ 5.49	\$ 16.48	Yes	\$ -	Yes	
72 9/5/24 HE16	EKPC	\$ 189.19		5	\$ 37.84	\$ 5.23	\$ 26.14	\$ 0.00	\$ 26.14	Yes	
73 9/9/24 HE18	EKPC	\$ 75.56		2	\$ 37.78	\$ 5.17	\$ 10.34	\$ 0.00	\$ 10.34	Yes	
74 9/22/24 HE15	LGEETRANS	\$ 37.63		1	\$ 37.63	\$ 5.02	\$ 5.02	\$ 0.00	\$ 5.02	Yes	
75 9/22/24 HE15	LGEETRANS	\$ 75.27		2	\$ 37.64	\$ 5.03	\$ 10.05	\$ 0.00	\$ 10.05	Yes	
76 9/3/24 HE18	LGEETRANS	\$ 150.09		4	\$ 37.52	\$ 4.91	\$ 19.65	\$ 0.00	\$ 19.65	Yes	
77 9/3/24 HE18	LGEETRANS	\$ 75.05		2	\$ 37.53	\$ 4.92	\$ 9.83	\$ 0.00	\$ 9.83	Yes	
78 9/21/24 HE10	EKPC	\$ 110.97		3	\$ 36.99	\$ 4.38	\$ 13.14	Yes	\$ -	Yes	
79 9/21/24 HE13	EKPC	\$ 184.71		5	\$ 36.94	\$ 4.33	\$ 21.66	Yes	\$ -	Yes	
80 9/19/24 HE10	EKPC	\$ 36.90		1	\$ 36.90	\$ 4.29	\$ 4.29	\$ 0.00	\$ 4.29	Yes	
81 9/26/24 HE7	EKPC	\$ 110.16		3	\$ 36.72	\$ 4.11	\$ 12.33	\$ 0.00	\$ 12.33	Yes	
82 9/24/24 HE13	EKPC	\$ 110.10		3	\$ 36.70	\$ 4.09	\$ 12.27	\$ 0.00	\$ 12.27	Yes	
83 9/22/24 HE13	EKPC	\$ 180.17		5	\$ 36.03	\$ 3.42	\$ 17.12	Yes	\$ -	Yes	
84 9/19/24 HE9	EKPC	\$ 143.22		4	\$ 35.81	\$ 3.20	\$ 12.78	\$ 0.00	\$ 12.78	Yes	
85 9/10/24 HE13	EKPC	\$ 71.25		2	\$ 35.63	\$ 3.02	\$ 6.03	Yes	\$ -	Yes	
86 9/14/24 HE14	EKPC	\$ 176.57		5	\$ 35.31	\$ 2.70	\$ 13.52	Yes	\$ -	Yes	
87 9/10/24 HE20	EKPC	\$ 105.83		3	\$ 35.28	\$ 2.67	\$ 8.00	Yes	\$ -	Yes	
88 9/9/24 HE19	EKPC	\$ 105.34		3	\$ 35.11	\$ 2.50	\$ 7.51	\$ 0.00	\$ 7.51	Yes	
89 9/21/24 HE21	EKPC	\$ 173.91		5	\$ 34.78	\$ 2.17	\$ 10.86	Yes	\$ -	Yes	
90 9/12/24 HE19	EKPC	\$ 69.34		2	\$ 34.67	\$ 2.06	\$ 4.12	\$ 0.00	\$ 4.12	Yes	
91 9/4/24 HE20	LGEETRANS	\$ 34.64		1	\$ 34.64	\$ 2.03	\$ 2.03	\$ 0.00	\$ 2.03	Yes	
92 9/25/24 HE22	EKPC	\$ 103.64		3	\$ 34.55	\$ 1.94	\$ 5.81	\$ 0.00	\$ 5.81	Yes	
93 9/23/24 HE12	LGEETRANS	\$ 34.52		1	\$ 34.52	\$ 1.91	\$ 1.91	\$ 0.00	\$ 1.91	Yes	
94 9/25/24 HE17	EKPC	\$ 103.43		3	\$ 34.48	\$ 1.87	\$ 5.60	\$ 0.00	\$ 5.60	Yes	
95 9/6/24 HE6	EKPC	\$ 34.46		1	\$ 34.46	\$ 1.85	\$ 1.85	\$ 0.00	\$ 1.85	Yes	
96 9/5/24 HE19	EKPC	\$ 171.14		5	\$ 34.23	\$ 1.62	\$ 8.09	\$ 0.00	\$ 8.09	Yes	
97 9/17/24 HE6	EKPC	\$ 68.10		2	\$ 34.05	\$ 1.44	\$ 2.88	\$ 0.00	\$ 2.88	Yes	
98 9/16/24 HE12	EKPC	\$ 135.56		4	\$ 33.89	\$ 1.28	\$ 5.12	Yes	\$ -	Yes	
99 9/24/24 HE15	EKPC	\$ 135.03		4	\$ 33.76	\$ 1.15	\$ 4.59	\$ 0.00	\$ 4.59	Yes	
100 9/26/24 HE14	EKPC	\$ 101.07		3	\$ 33.69	\$ 1.08	\$ 3.24	\$ 0.00	\$ 3.24	Yes	
101 9/24/24 HE14	EKPC	\$ 133.73		4	\$ 33.43	\$ 0.82	\$ 3.29	\$ 0.00	\$ 3.29	Yes	
102 9/5/24 HE21	EKPC	\$ 133.65		4	\$ 33.41	\$ 0.80	\$ 3.21	\$ 0.00	\$ 3.21	Yes	
103 9/20/24 HE6	EKPC	\$ 133.05		4	\$ 33.26	\$ 0.65	\$ 2.61	\$ 0.00	\$ 2.61	Yes	
104 9/23/24 HE9	EKPC	\$ 132.47		4	\$ 33.12	\$ 0.51	\$ 2.03	\$ 0.00	\$ 2.03	Yes	
105 9/12/24 HE12	EKPC	\$ 99.03		3	\$ 33.01	\$ 0.40	\$ 1.20	\$ 0.00	\$ 1.20	Yes	
106 9/22/24 HE12	LGEETRANS	\$ 32.97		1	\$ 32.97	\$ 0.36	\$ 0.36	Yes	\$ -	Yes	
107 9/25/24 HE23	EKPC	\$ 65.88		2	\$ 32.94	\$ 0.33	\$ 0.66	\$ 0.00	\$ 0.66	Yes	
108 9/16/24 HE19	LGEETRANS	\$ 32.84		1	\$ 32.84	\$ 0.23	\$ 0.23	Yes	\$ -	Yes	
109 9/5/24 HE9	EKPC	\$ 32.65		1	\$ 32.65	\$ 0.04	\$ 0.04	\$ 0.00	\$ 0.04	Yes	
LG&E Total						\$ 5,790.74	\$ -	\$ 3,799.16			

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

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

OFF-SYSTEM SALES - ELECTRIC

Electric Off-System Sales	LG&E	KU (Consolidated)
	MTD Current Year September-24	MTD Current Year September-24
Revenue		
External Sales ¹	\$ 165,726	\$ 901,770
Internal Sales	\$ 271,059	\$ 17,906
Total	\$ 436,785	\$ 919,675
External Expenses		
Fuel	\$ (59,675)	\$ (170,191)
Purchase Power	\$ (9,564)	\$ (38,680)
ECR Consumables	\$ -	\$ -
Other Consumables	\$ (2,345)	\$ (6,345)
Transmission	\$ (114)	\$ (1,306)
RTO Costs	\$ (369)	\$ (2,157)
Inter-System Losses	\$ (417)	\$ (2,296)
Internal Expenses		
Fuel	\$ (253,003)	\$ (16,623)
Purchase Power	\$ (17,906)	\$ (271,059)
Other Consumables	\$ (11,415)	\$ (640)
Transmission	\$ (22,539)	\$ (122,282)
Total	\$ (377,347)	\$ (631,578)
Electric Off-System Sales Margin	\$ 59,438	\$ 288,098
OSS Margin - Jurisdictional	\$ 44,579	\$ 205,347
OSS Margin - Non-Jurisdictional	\$ -	\$ 10,726
OSS Margin - Utility Share	\$ 14,860	\$ 72,024

Note 1: LG&E sold 83 MWh totaling \$3,973 through SEEM. KU sold 451 MWh totaling \$21,653 through SEEM.

SEEM Formation and Participation Costs

Expense Month: September 2024

<u>Item Description</u>	<u>LG&E</u>	<u>KU</u>
Administrative and legal expenses associated with the FERC proceeding	\$ 8,233	\$ 8,234
Costs of SEEM formation and participation	<u>\$ 730</u>	<u>\$ 1,007</u>
Total Costs	\$ 8,963	\$ 9,241