

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

AUG 12 2022

PUBLIC SERVICE
COMMISSION

August 12, 2022

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 June 2022.

Sincerely,

A handwritten signature in blue ink that reads "Andrea M. Fackler". The signature is fluid and cursive.

Andrea M. Fackler

Enclosures

Company: Kentucky Utilities Company

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

Month Ended: June 30, 2022

Fuel: Coal

		Amount	MMBTU	Per Unit	Tons	Per Unit
<u>E.W. Brown High Sulfur</u>						
Beginning Inventory	5/31/2022	\$ 6,104,746.53	2,626,289.43	\$ 2.3245	118,909.57	\$ 51.3394
Add: Purchases		\$ 2,502,015.96 (5)	1,022,271.76	\$ 2.4475	44,356.23	\$ 56.4073
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 8,606,762.49	3,648,561.19	\$ 2.3589	163,265.80	\$ 52.7163
Less: Fuel Burned		\$ 3,262,060.83	1,443,249.45	\$ 2.2602	64,878.00	\$ 50.2799
Ending Inventory	6/30/2022	\$ 5,344,701.66	2,205,311.74	\$ 2.4236	98,387.80	\$ 54.3228
<u>Ghent High Sulfur</u>						
Beginning Inventory	5/31/2022	\$ 22,389,732.01	10,735,586.02	\$ 2.0856	436,667.27	\$ 51.2741
Add: Purchases		\$ 19,656,568.20 (4)	9,239,389.11	\$ 2.1275	382,090.13	\$ 51.4448
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 42,046,300.21	19,974,975.13	\$ 2.1049	818,757.40	\$ 51.3538
Less: Fuel Burned		\$ 19,136,865.75	9,142,146.86	\$ 2.0933	374,168.00	\$ 51.1451
Ending Inventory	6/30/2022	\$ 22,909,434.46	10,832,828.27	\$ 2.1148	444,589.40	\$ 51.5294
<u>Trimble County PRB</u>						
Beginning Inventory	5/31/2022	\$ 4,932,957.46	1,969,676.07	\$ 2.5045	111,305.27	\$ 44.3192
Add: Purchases		\$ 2,953,260.61	1,119,745.34	\$ 2.6374	63,398.59	\$ 46.5824
Adjustments		\$ (561,118.84) (2)	(212,751.35) (2)	\$ 2.6374	(12,045.72) (2)	\$ 46.5824
Sub-Total		\$ 7,325,099.23	2,876,670.06	\$ 2.5464	162,658.14	\$ 45.0337
Less: Fuel Burned-Jurisdictional		\$ 1,523,374.75	601,914.92	\$ 2.5309	34,031.18	\$ 44.7641
Fuel Burned-Non-Jurisdictional		\$ 717,708.42	283,579.63	\$ 2.5309	16,033.08	\$ 44.7642
Total Burn		\$ 2,241,083.17	885,494.55	\$ 2.5309	50,064.26	\$ 44.7641
Ending Inventory	6/30/2022	\$ 5,084,016.06	1,991,175.51	\$ 2.5533	112,593.88	\$ 45.1536
<u>Trimble County High Sulfur</u>						
Beginning Inventory	5/31/2022	\$ 5,292,768.42	2,468,249.43	\$ 2.1443	108,131.67	\$ 48.9474
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ 5,450,000.56 (3)	2,550,320.70 (3)	\$ 2.1370	112,003.01 (3)	\$ 48.6594
Sub-Total		\$ 10,742,768.98	5,018,570.13	\$ 2.1406	220,134.68	\$ 48.8009
Less: Fuel Burned-Jurisdictional		\$ 3,145,129.27	1,466,352.64	\$ 2.1449	64,356.83	\$ 48.8702
Fuel Burned-Non-Jurisdictional		\$ 1,481,759.64	690,841.38	\$ 2.1449	30,320.38	\$ 48.8701
Total Burn		\$ 4,626,888.91	2,157,194.02	\$ 2.1449	94,677.21	\$ 48.8701
Ending Inventory	6/30/2022	\$ 6,115,880.07	2,861,376.11	\$ 2.1374	125,457.47	\$ 48.7486
<u>Coal In Transit</u>						
Coal In Transit	6/30/2022	\$ 12,335,608.91 (1)	5,791,096.84 (1)	\$ 2.1301	244,441.78 (1)	\$ 50.4644
Total Combined Inventory	6/30/2022	\$ 51,789,641.16	23,681,788.47	\$ 2.1869	1,025,470.33	\$ 50.5033

- (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: June 30, 2022

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	5/31/2022	\$ 342,453.36	20,611.16	\$ 16.6149	147,221	\$ 2.3261
Add: Purchases		\$ -	-	\$ -	-	\$ -
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 342,453.36	20,611.16	\$ 16.6149	147,221	\$ 2.3261
Less: Fuel Burned		\$ 11,074.62	666.53	\$ 16.6153	4,761	\$ 2.3261
Ending Inventory	6/30/2022	\$ 331,378.74	19,944.63	\$ 16.6149	142,460	\$ 2.3261
<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	5/31/2022	\$ 4,326,140.42	275,985.61	\$ 15.6752	1,971,326	\$ 2.1945
Add: Purchases		\$ 188,863.46	5,350.24	\$ 35.3000	38,216	\$ 4.9420
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 4,515,003.88	281,335.85	\$ 16.0484	2,009,542	\$ 2.2468
Less: Fuel Burned		\$ -	-	\$ -	-	\$ -
Ending Inventory	6/30/2022	\$ 4,515,003.88	281,335.85	\$ 16.0484	2,009,542	\$ 2.2468
<u>Ghent</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ 1,249,141.62	56,378.42	\$ 22.1564	402,703	\$ 3.1019
Add: Purchases		\$ 116,236.11	3,115.00	\$ 37.3150	22,250	\$ 5.2241
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 1,365,377.73	59,493.42	\$ 22.9501	424,953	\$ 3.2130
Less: Fuel Burned		\$ 232,911.01	10,148.60	\$ 22.9501	72,490	\$ 3.2130
Ending Inventory	6/30/2022	\$ 1,132,466.72	49,344.82	\$ 22.9501	352,463	\$ 3.2130
<u>Haefling</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>Gallons</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ 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	6/30/2022	\$ 2,624.01	182.02	\$ 14.4161	1,100	\$ 2.3855
Total Combined Inventory	6/30/2022	\$ 5,981,473.35	350,807.32	\$ 17.0506	2,505,565	\$ 2.3873

Company: Kentucky Utilities Company

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

Month Ended: June 30, 2022

Fuel: Natural Gas

<u>E.W. Brown CTs</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ 106,688.05	12,639.00	\$ 8.4412	12,341	\$ 8.6450
Add: Purchases		\$ 11,757,061.16	1,552,474.00	\$ 7.5731	1,514,609	\$ 7.7624
Adjustments		<u>\$ 53,954.37</u> (1)	<u>(37,643.00)</u> (2)	\$ (1.4333)	<u>(36,725)</u> (2)	\$ (1.4691)
Sub-Total		\$ 11,917,703.58	1,527,470.00	\$ 7.8023	1,490,225	\$ 7.9973
Less: Fuel Burned KU Share		\$ 8,618,090.41	1,104,566.00	\$ 7.8022	1,077,625	\$ 7.9973
Purchases Allocated to LG&E		\$ 2,901,156.53	371,836.00	\$ 7.8022	362,767	\$ 7.9973
Total Burn		<u>\$ 11,519,246.94</u>	<u>1,476,402.00</u>	\$ 7.8022	<u>1,440,392</u>	\$ 7.9973
Ending Inventory	6/30/2022	\$ 398,456.64	51,068.00	\$ 7.8025	49,833	\$ 7.9958
<u>Haefling</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ -	-	\$ -	-	\$ -
Add: Purchases		\$ 3,723.22	401.00	\$ 9.2848	391	\$ 9.5223
Fixed Customer Charge		\$ 89.70	-	\$ -	-	\$ -
Total Purchases		<u>\$ 3,812.92</u>	<u>401.00</u>	\$ 9.5085	<u>391</u>	\$ 9.7517
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 3,812.92	401.00	\$ 9.5085	391	\$ 9.7517
Less: Fuel Burned		<u>\$ 3,812.92</u>	<u>401.00</u>	\$ 9.5085	<u>391</u>	\$ 9.7517
Ending Inventory	6/30/2022	\$ -	-	\$ -	-	\$ -
<u>Paddy's Run CTs</u>		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 1,350,314.10	176,044.00	\$ 7.6703	165,300	\$ 8.1689
Fixed Gas Demand Charge Allocated from LG&E		\$ 90,038.75	-	\$ -	-	\$ -
Total Purchases		<u>\$ 1,440,352.85</u>	<u>176,044.00</u>	\$ 8.1818	<u>165,300</u>	\$ 8.7136
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 1,440,352.85	176,044.00	\$ 8.1818	165,300	\$ 8.7136
Less: Fuel Burned		<u>\$ 1,440,352.85</u>	<u>176,044.00</u>	\$ 8.1818	<u>165,300</u>	\$ 8.7136
Ending Inventory	6/30/2022	\$ -	-	\$ -	-	\$ -

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	5/31/2022	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 27,696.53	4,361.31	\$ 6.3505	4,095	\$ 6.7635
Fixed Gas Demand Charge Allocated from LG&E		\$ 78,847.19	-	\$ -	-	\$ -
Total Purchases		\$ 106,543.72	4,361.31	\$ 24.4293	4,095	\$ 26.0180
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 106,543.72	4,361.31	\$ 24.4293	4,095	\$ 26.0180
Less: Fuel Burned-Jurisdictional		\$ 72,423.09	2,964.60	\$ 24.4293	2,784	\$ 26.0180
Fuel Burned-Non-Jurisdictional		\$ 34,120.63 (3)	1,396.71 (3)	\$ 24.4293	1,311 (3)	\$ 26.0180
Total Burn		\$ 106,543.72	4,361.31	\$ 24.4293	4,095	\$ 26.0180
Ending Inventory	6/30/2022	\$ -	-	\$ -	-	\$ -

Trimble County CTs

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 20,654,502.21	3,117,184.00	\$ 6.6260	2,926,935	\$ 7.0567
Fixed Gas Demand Charge Allocated from LG&E		\$ 958,342.90	-	\$ -	-	\$ -
Total Purchases		\$ 21,612,845.11	3,117,184.00	\$ 6.9335	2,926,935	\$ 7.3841
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 21,612,845.11	3,117,184.00	\$ 6.9335	2,926,935	\$ 7.3841
Less: Fuel Burned		\$ 21,612,845.11	3,117,184.00	\$ 6.9335	2,926,935	\$ 7.3841
Ending Inventory	6/30/2022	\$ -	-	\$ -	-	\$ -

Cane Run 7

		<u>Amount</u>	<u>MMBTU</u>	<u>Per Unit</u>	<u>MCF</u>	<u>Per Unit</u>
Beginning Inventory	5/31/2022	\$ -	-	\$ -	-	\$ -
Add: Purchases Allocated from LG&E		\$ 5,075,114.01	885,862.00	\$ 5.7290	831,795	\$ 6.1014
Fixed Gas Demand Charge Allocated from LG&E		\$ 634,416.19	-	\$ -	-	\$ -
Total Purchases		\$ 5,709,530.20	885,862.00	\$ 6.4452	831,795	\$ 6.8641
Adjustments		\$ -	-	\$ -	-	\$ -
Sub-Total		\$ 5,709,530.20	885,862.00	\$ 6.4452	831,795	\$ 6.8641
Less: Fuel Burned		\$ 5,709,530.20	885,862.00	\$ 6.4452	831,795	\$ 6.8641
Ending Inventory	6/30/2022	\$ -	-	\$ -	-	\$ -
Total Combined Inventory	6/30/2022	\$ 398,456.64	51,068.00	\$ 7.8025	49,833	\$ 7.9958

(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 June 30, 2022

Company	Type of Transaction	KWH	Billing Components				Total Charges(\$)
			Demand(\$)	Fuel Charges(\$)	Other Charges(\$)		
Purchases							
ENERGY IMBALANCE	IMBL	Economy	1,104,000	\$ -	\$ 75,290.53	\$ -	\$ 75,290.53
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	2,662,000	\$ -	\$ 145,126.30	\$ -	\$ 145,126.30
LQF TARIFF PURCHASE POWER	LQF TARIFF	LQF TARIFF	58,880	\$ -	\$ 1,430.19	\$ -	\$ 1,430.19
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	GTBS	-	\$ -	\$ 553.57	\$ -	\$ 553.57
SOLAR SHARE PROGRAM	SSP	SSP	-	\$ -	\$ 561.70	\$ -	\$ 561.70
NMS-2	NMS-2	NMS-2	266,509	\$ -	\$ 16,500.24	\$ -	\$ 16,500.24
SQF TARIFF PURCHASE POWER	SQF TARIFF	SQF Tariff	30,331	\$ -	\$ 736.73	\$ -	\$ 736.73
KENTUCKY UTILITIES COMPANY	KU	Economy	52,396,000	\$ -	\$ 1,968,146.45	\$ 894.82	\$ 1,969,041.27
OHIO VALLEY ELECTRIC CORPORATION	OVEC	Economy	30,633,000	\$ 843,562.57	\$ 888,899.51	\$ -	\$ 1,732,462.08
Total Purchases			87,150,720	\$ 843,562.57	\$ 3,097,245.22	\$ 894.82	\$ 3,941,702.61
Sales							
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	2,000	\$ -	\$ 132.05	\$ 49.12	\$ 181.17
ENERGY IMBALANCE	IMBL	Economy	916,000	\$ -	\$ 62,758.92	\$ 22,980.25	\$ 85,739.17
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	Economy	77,000	\$ -	\$ 6,768.21	\$ 2,517.36	\$ 9,285.57
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	39,000	\$ -	\$ 4,438.94	\$ 1,651.15	\$ 6,090.09
THE ENERGY AUTHORITY	TEA	Economy	320,000	\$ -	\$ 25,508.68	\$ 9,487.69	\$ 34,996.37
KENTUCKY UTILITIES COMPANY	KU	Economy	63,469,000	\$ -	\$ 3,890,899.10	\$ 1,666.11	\$ 3,892,565.21
Total Sales			64,823,000	\$ -	\$ 3,990,505.90	\$ 38,351.68	\$ 4,028,857.58



Detailed Power Transaction Schedule
Month Ended June 30, 2022

Company	KWH	Energy Cost (\$)	Native Load		Forced Outages	
			KWH	\$/MWH	Energy Cost (\$)	\$/MWH
Purchases						
ENERGY IMBALANCE	1,104,000	\$ 51,283.60	787,000	\$ 65.16	\$ 1,945.99	35,000 \$ 55.60
PJM INTERCONNECTION ASSOCIATION	2,662,000	\$ 129,741.95	2,308,000	\$ 56.21	\$ 15,026.55	350,000 \$ 42.93
LQF TARIFF PURCHASE POWER	58,880	\$ 1,430.19	58,880	\$ 24.29	-	- \$ -
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	-	\$ 553.57	-	\$ -	-	- \$ -
SOLAR SHARE PROGRAM	-	\$ 561.70	-	\$ -	-	- \$ -
NMS-2	266,509	\$ 16,500.24	266,509	\$ 61.91	-	- \$ -
SQF TARIFF PURCHASE POWER	30,331	\$ 736.73	30,331	\$ 24.29	-	- \$ -
KENTUCKY UTILITIES COMPANY	52,396,000	\$ 1,961,218.43	52,282,000	\$ 37.51	-	- \$ -
OHIO VALLEY ELECTRIC CORPORATION	30,633,000	\$ 860,285.16	30,633,000	\$ 28.08	-	- \$ -
Total Purchases	87,150,720	\$ 3,022,311.57	86,365,720	\$ 34.99	\$ 16,972.54	385,000 \$ 44.08

*22,790 kWh related to Green Tariff Business Solar Purchase Power are included in generation for FAC purposes

*23,134 kWh related to the Solar Share Program are included in generation for FAC purposes

Sales							
INDIANA MUNICIPAL POWER AGENCY	IMPA	2,000					
ENERGY IMBALANCE	IMBL	916,000					
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	77,000					
PJM INTERCONNECTION ASSOCIATION	PJM	39,000					
THE ENERGY AUTHORITY	TEA	320,000					
KENTUCKY UTILITIES COMPANY	KU	63,469,000					
Total Sales		64,823,000	\$ -	- \$ -	\$ -	- \$ -	-



Detailed Power Transaction Schedule
Month Ended June 30, 2022

Company		KWH	Energy Cost (\$)	OSS Purchases		Adj. From Prior Month (\$)	Total Energy * Charges (\$)	Demand(\$)	Other Charges(\$)	Total Charges(\$)
				KWH	\$/MWH					
Purchases										
ENERGY IMBALANCE	IMBL	1,104,000	\$ 22,060.94	282,000	\$ 78.23	\$ -	\$ 75,290.53	\$ -	\$ -	\$ 75,290.53
PJM INTERCONNECTION ASSOCIATION	PJM	2,662,000	\$ 357.80	4,000	\$ 89.45	\$ -	\$ 145,126.30	\$ -	\$ -	\$ 145,126.30
LQF TARIFF PURCHASE POWER	LQF TARIFF	58,880	\$ -	-	\$ -	\$ -	\$ 1,430.19	\$ -	\$ -	\$ 1,430.19
GREEN TARIFF BUSINESS SOLAR PURCHASE POWER	GTBS	-	\$ -	-	\$ -	\$ -	\$ 553.57	\$ -	\$ -	\$ 553.57
SOLAR SHARE PROGRAM	SSP	-	\$ -	-	\$ -	\$ -	\$ 561.70	\$ -	\$ -	\$ 561.70
NMS-2	NMS-2	266,509	\$ -	-	\$ -	\$ -	\$ 16,500.24	\$ -	\$ -	\$ 16,500.24
SQF TARIFF PURCHASE POWER	SQF TARIFF	30,331	\$ -	-	\$ -	\$ -	\$ 736.73	\$ -	\$ -	\$ 736.73
KENTUCKY UTILITIES COMPANY	KU	52,396,000	\$ 6,928.02	114,000	\$ 60.77	\$ -	\$ 1,968,146.45	\$ -	\$ 894.82	\$ 1,969,041.27
OHIO VALLEY ELECTRIC CORPORATION	OVEC	30,633,000	\$ -	-	\$ -	\$ 28,614.35	\$ 888,899.51	\$ 843,562.57	\$ -	\$ 1,732,462.08
Total Purchases		87,150,720	\$ 29,346.76	400,000	\$ 73.37	\$ 28,614.35	\$ 3,097,245.22	\$ 843,562.57	\$ 894.82	\$ 3,941,702.61

*22,790 kWh related to Green Tariff Business Solar Purchase Power are included in generation for FAC purposes
*23,134 kWh related to the Solar Share Program are included in generation for FAC purposes

Sales										
INDIANA MUNICIPAL POWER AGENCY	IMPA	2,000	\$ 38.91	1,000	\$ 38.91	\$ -	\$ 132.05	\$ -	\$ 49.12	\$ 181.17
ENERGY IMBALANCE	IMBL	916,000	\$ 18,490.41	269,000	\$ 68.74	\$ -	\$ 62,758.92	\$ 22,980.25	\$ -	\$ 85,739.17
MIDCONTINENT INDEPENDENT SYSTEM OPERATOR, INC.	MISO	77,000	\$ 1,994.09	23,000	\$ 86.70	\$ -	\$ 6,768.21	\$ -	\$ 2,517.36	\$ 9,285.57
PJM INTERCONNECTION ASSOCIATION	PJM	39,000	\$ 1,307.83	12,000	\$ 108.99	\$ -	\$ 4,438.94	\$ -	\$ 1,651.15	\$ 6,090.09
THE ENERGY AUTHORITY	TEA	320,000	\$ 7,515.52	95,000	\$ 79.11	\$ -	\$ 25,508.68	\$ -	\$ 9,487.69	\$ 34,996.37
KENTUCKY UTILITIES COMPANY	KU	63,469,000	\$ -	-	\$ -	\$ -	\$ 3,890,899.10	\$ -	\$ 1,666.11	\$ 3,892,565.21
Total Sales		64,823,000	\$ 29,346.76	400,000	\$ 73.37	\$ -	\$ 3,990,505.90	\$ -	\$ 38,351.68	\$ 4,028,857.58

	KWH	\$/MWH
GENERATION FOR OSS	954,000	\$ 70,260.04
GENERATION FOR INTERNAL ECONOMY TO KU	63,307,000	\$ 3,874,389.02
GENERATION FOR INTERNAL REPLACEMENT TO KU	162,000	\$ 11,630.81
SPLIT SAVINGS		\$ 4,879.27
SALES FROM INTERNAL GENERATION	64,423,000	\$ 3,961,159.14
SALES FROM OSS PURCHASES	400,000	\$ 29,346.76
	64,823,000	\$ 3,990,505.90
ADJUSTMENTS FROM PRIOR MONTHS	-	\$ -
	64,823,000	\$ 3,990,505.90

**Kentucky Utilities
Analysis Of Coal Purchased for Fuel Clause Backup
Jun - 2022**

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)
E.W. Brown																	
E.W. Brown High Sulfur Coal																	
Long Term Contract																	
Peabody COALSLES LLC	P	J21009	R	U	IN	33,146.23	11,674	23.349	35.88	153.69	7.69	32.93	43.57	186.62	3.43	9.28	10.63
Peabody COALSLES LLC	P	J21009	R	S	IN	11,210.00	11,077	22.154	35.88	161.98	8.72	39.32	44.60	201.30	2.88	8.93	14.04
Total Long Term						44,356.23	11,523	23.047	35.88	155.70	7.95	34.49	43.83	190.19	3.29	9.19	11.49
Total E.W. Brown						44,356.23	11,523	23.047	35.88	155.70	7.95	34.49	43.83	190.19	3.29	9.19	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

**Kentucky Utilities
Analysis Of Coal Purchased for Fuel Clause Backup
Jun - 2022**

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	J17004B	B	U	WV	44,201.80	12,623	25.246	45.28	179.34	5.96	23.61	51.24	202.95	4.30	9.11	6.50	
Alliance Coal LLC	P	J21004	B	U	IL	16,080.34	11,714	23.428	40.26	171.82	5.15	21.99	45.41	193.81	2.46	8.67	11.01	
Alliance Coal LLC	P	J21004	B	U	WKY	43,095.47	11,519	23.038	39.83	172.87	5.15	22.35	44.98	195.22	3.02	9.46	11.29	
Alliance Coal LLC	P	J21004	B	U	WV	103,378.20	12,563	25.126	41.85	166.56	6.81	27.10	48.66	193.66	3.10	9.03	6.72	
Alliance Coal LLC	P	J21010	B	U	WKY	55,283.50	11,526	23.053	38.55	167.22	5.15	22.34	43.70	189.56	3.00	9.62	11.24	
Foresight Coal Sales LLC	P	J21011	B	U	IL	21,065.98	10,817	21.635	27.94	129.14	5.15	23.81	33.09	152.95	3.60	8.25	15.32	
Iron Coal Sales LLC	P	J20001C	B	U	PA	54,056.20	13,024	26.047	46.78	179.61	12.01	46.11	58.79	225.72	3.22	8.50	5.80	
Knight Hawk Coal LLC	P	J21001	B	U	IL	3,407.56	11,297	22.594	39.58	175.20	9.89	43.77	49.47	218.97	3.07	9.07	11.92	
Knight Hawk Coal LLC	P	J21022	B	U	IL	5,211.38	11,231	22.463	36.20	161.14	9.89	44.03	46.09	205.17	2.95	8.33	13.01	
Total Long Term						345,780.43	12,168	24.337	41.25	169.50	6.94	28.51	48.19	198.01	3.24	9.03	8.71	
Spot Contract																		
Alliance Coal LLC	P	J22013	B	U	WKY	24,399.85	11,536	23.072	80.83	350.32	5.15	22.32	85.98	372.64	3.01	9.66	11.24	
Coal Network LLC	B	J22014	B	S	OH	6,454.39	10,939	21.879	57.66	263.52	5.96	27.24	63.62	290.76	3.65	14.60	7.90	
Peabody COALSALES LLC	P	J22003	B	U	IL	5,455.46	10,999	21.998	43.21	196.42	9.43	42.87	52.64	239.29	2.93	8.67	13.82	
Total Spot						36,309.70	11,349	22.699	71.06	313.04	5.93	26.16	76.99	339.20	3.11	10.39	11.03	
Total Ghent						382,090.13	12,091	24.181	44.08	182.30	6.85	28.31	50.93	210.61	3.23	9.16	8.93	

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**Kentucky Utilities
Analysis Of Coal Purchased for Fuel Clause Backup
Jun - 2022**

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)
Trimble County / KU																	
Trimble County / KU PRB Coal																	
Long Term Contract																	
Arch Coal Sales Company Inc.	P	J20002	B/R	S	WY	63,398.59	8,831	17.662	13.02	73.73	33.10	187.37	46.12	261.10	0.44	5.70	27.36
Total Long Term						63,398.59	8,831	17.662	13.02	73.73	33.10	187.37	46.12	261.10	0.44	5.70	27.36
Total Trimble County / KU						63,398.59	8,831	17.662	13.02	73.73	33.10	187.37	46.12	261.10	0.44	5.70	27.36
Total Kentucky Utilities						489,844.95	11,617	23.235	39.32	169.23	10.34	44.51	49.66	213.74	2.88	8.71	11.55

(b) Designated by symbol
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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: June 30, 2022

<u>Fuel & Supplier</u> (a)	<u>P</u> (b)	<u>P</u> (c)	<u>M</u> (d)	<u>Station</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)
<u>Oil</u>									
Key Oil Company	D	J22008	T	Brown	38,216	0.140	188,863.46	3,530.00	-
Colonial Oil Industries	D	J22009	T	Ghent	22,250	0.140	116,236.11	3,731.50	-
Total Oil					60,466	0.140	305,099.57		
<u>Natural Gas</u>									
Kentucky Utilities	U	-	P	Haefling	391	1.026	3,812.92	950.85	-
LG&E	U	-	P	Paddy's Run	165,300	1.065	1,440,352.85	818.18	-
LG&E	U	-	P	Trimble County	2,931,030	1.065	21,719,388.83	695.79	-
LG&E	U	-	P	Cane Run 7	831,795	1.065	5,709,530.20	644.52	-
Kentucky Utilities	U	-	P	EW Brown CTs	1,151,842 (1)	1.025	8,855,904.63 (1)	750.09	-
Total Natural Gas					5,080,358	1.056	37,728,989.43		

(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.

Company Name: Kentucky Utilities Company

Station Name - Unit Number: E.W. Brown

For the Month Ended: June 2022

<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)	189
c.	Net Demonstrated Capability in MW	412
d.	Net Capability Factor in Percent (1b/1c) (%)	46%
2.	Heat Rate:	
a.	BTUs Consumed in MMBTU	1,443,916
b.	Gross Generation in MWH	143,022
c.	Net Generation in MWH	134,918
d.	Heat Rate in BTU per KWH (2a/2c)	10,702
3.	Operating Availability:	
a.	Hours Unit was Operated	712
b.	Hours Unit was Available	712
c.	Hours During the Period	720
d.	Availability Factor in Percent (3b/3c) (%)	99%
4.	Cost per KWH:	
a.	Gross Generation - FAC Basis in Cents per Kwh	2.289
b.	Net Generation - FAC Basis in Cents per Kwh	2.426
5.	Inventory Analysis:	
a.	Number of Days Supply Based on Actual Burn at the Station	69

Company Name: Kentucky Utilities Company

Station Name - Unit Number: Ghent

For the Month Ended: June 2022

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)	332	343	326	295	
c.	Net Demonstrated Capability in MW	475	485	481	478	
d.	Net Capability Factor in Percent (1b/1c) (%)	70%	71%	68%	62%	
2.	Heat Rate:					
a.	BTUs Consumed in MMBTU	2,548,834	1,810,836	2,480,092	2,312,533	
b.	Gross Generation in MWH	247,598	191,476	260,940	235,864	
c.	Net Generation in MWH	226,016	175,107	234,849	212,266	
d.	Heat Rate in BTU per KWH (2a/2c)	11,277	10,341	10,560	10,895	
3.	Operating Availability:					
a.	Hours Unit was Operated	680	510	720	720	
b.	Hours Unit was Available	680	720	720	720	
c.	Hours During the Period	720	720	720	720	
d.	Availability Factor in Percent (3b/3c) (%)	95%	100%	100%	100%	
4.	Cost per KWH:					
a.	Gross Generation - FAC Basis in Cents per Kwh	2.177	2.009	2.011	2.070	
b.	Net Generation - FAC Basis in Cents per Kwh	2.385	2.197	2.235	2.301	
5.	Inventory Analysis:					
a.	Number of Days Supply Based on Actual Burn at the Station (1)					36

(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 Turbine:

For the Month Ended: June 2022

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)	-	-	82	127	125	74	76	74	76
c.	Net Demonstrated Capability in MW	12	12	130	146	146	121	121	121	121
d.	Net Capability Factor in Percent (1b/1c) (%)	-	-	63%	87%	86%	61%	63%	61%	63%
2.	Heat Rate:									
a.	BTUs Consumed in MMBTU	254	147	52,607	441,434	463,709	193,517	88,893	152,634	83,608
b.	Gross Generation in MWH	-	-	4,075	42,483	43,869	15,367	7,349	11,562	6,341
c.	Net Generation in MWH	(7) (1)	(7) (1)	3,852	42,188	43,592	15,010	7,127	11,267	6,133
d.	Heat Rate in BTU per KWH (2a/2c)	-	-	13,657	10,463	10,637	12,893	12,473	13,547	13,632
3.	Operating Availability:									
a.	Hours Unit was Operated	-	-	47	333	347	203	94	152	81
b.	Hours Unit was Available	695	695	720	719	708	718	708	718	719
c.	Hours During the Period	720	720	720	720	720	720	720	720	720
d.	Availability Factor in Percent (3b/3c) (%)	97%	97%	100%	100%	98%	100%	98%	100%	100%
4.	Cost per KWH:									
a.	Gross Generation - FAC Basis in Cents per Kwh	-	-	10.072	8.107	8.247	9.825	9.438	10.300	10.288
b.	Net Generation - FAC Basis in Cents per Kwh	-	-	10.656	8.164	8.300	10.059	9.732	10.570	10.636
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 (JUNE 2022)

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) Maint V O&M <small>(\$/MWH)</small>	(7) TOTAL PRICE <small>(\$/MWH)</small>	(8)=(6)+(7)
PADDYS RUN 12	17,692	793.00	140.30	0.00	0.00		0.01		140.31	N/A	N/A
HAEFLING	17,765	879.00	156.15	0.00	0.00		0.01		156.16	N/A	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 \$	Excluded in FO Calculation?	Additional Exclusion For FAC	PADDYS RUN 12 Available?
1						Yes	\$ -	Yes
2						Yes	\$ -	Yes
3						Yes	\$ -	Yes
4						Yes	\$ -	Yes
5						Yes	\$ -	Yes
6						Yes	\$ -	Yes
7						Yes	\$ -	Yes
8						Yes	\$ -	Yes
9						Yes	\$ -	Yes
10						Yes	\$ -	Yes
11						Yes	\$ -	Yes
12						Yes	\$ -	Yes
13						Yes	\$ -	Yes
14						Yes	\$ -	Yes
15						Yes	\$ -	Yes
16						Yes	\$ -	Yes
17						Yes	\$ -	Yes
18						Yes	\$ -	Yes
19						Yes	\$ -	Yes
20						Yes	\$ -	Yes
21						Yes	\$ -	Yes
22						Yes	\$ -	Yes
23						Yes	\$ -	Yes
24						Yes	\$ -	Yes
25						Yes	\$ -	Yes
LG&E Total					\$ -	\$0.00	\$ -	

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

	Purchase From	Cost \$	Mwh Purch	Cost \$/MWh	Amount Prior to FO \$/MWh	Excluded in FO Calculation?	Additional Exclusion For FAC	HAEFLING Available?
1						Yes	\$ -	Yes
2						Yes	\$ -	Yes
3						Yes	\$ -	Yes
4						Yes	\$ -	Yes
5						Yes	\$ -	Yes
6						Yes	\$ -	Yes
7						Yes	\$ -	Yes
8						Yes	\$ -	Yes
9						Yes	\$ -	Yes
10						Yes	\$ -	Yes
11						Yes	\$ -	Yes
12						Yes	\$ -	Yes
13						Yes	\$ -	Yes
14						Yes	\$ -	Yes
15						Yes	\$ -	Yes
16						Yes	\$ -	Yes
17						Yes	\$ -	Yes
18						Yes	\$ -	Yes
19						Yes	\$ -	Yes
20						Yes	\$ -	Yes
21						Yes	\$ -	Yes
22						Yes	\$ -	Yes
23						Yes	\$ -	Yes
24						Yes	\$ -	Yes
25						Yes	\$ -	Yes
KU Total					\$ -	\$0.00	\$ -	

OFF-SYSTEM SALES - ELECTRIC

Electric Off-System Sales	LG&E	KU (Consolidated)
	MTD Current Year June-22	MTD Current Year June-22
Revenue		
External Sales	\$ 34,250	\$ 136,292
Internal Sales	\$ 7,823	\$ 13,297
Total	\$ 42,072	\$ 149,589
External Expenses		
Fuel	\$ (6,265)	\$ (70,260)
Purchase Power	\$ (9,496)	\$ (22,419)
ECR Consumables	\$ -	\$ -
Other Consumables	\$ (50)	\$ 29
Transmission	\$ (1,496)	\$ (861)
RTO Costs	\$ (703)	\$ (1,028)
Inter-System Losses	\$ (121)	\$ (498)
Internal Expenses		
Fuel	\$ (6,928)	\$ (11,631)
Purchase Power	\$ (13,297)	\$ (7,823)
Other Consumables	\$ (5)	\$ 2
Transmission	\$ (289)	\$ (1,038)
Total	\$ (38,648)	\$ (115,526)
Electric Off-System Sales Margin	\$ 3,424	\$ 34,063
OSS Margin - Jurisdictional	\$ 2,568	\$ 24,198
OSS Margin - Non-Jurisdictional	\$ -	\$ 1,350
OSS Margin - Utility Share	\$ 856	\$ 8,516

SEEM Formation and Participation Costs

Expense Month: June 2022

<u>Item Description</u>	<u>LG&E</u>	<u>KU</u>
Administrative and legal expenses associated with the FERC proceeding	\$ 5,345	\$ 9,502
Costs of SEEM formation and participation	<u>\$ 15,630</u>	<u>\$ 24,446</u>
Total Costs	\$ 20,975	\$ 33,948