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JAN 23 2023

PUBLIC SERVICE
COMMISSION



An **AEP** Company

BOUNDLESS ENERGY™

DELIVERED VIA EMAIL TO PSCED@KY.GOV and LINDA.BRIDWELL@KY.GOV

January 23, 2023

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the February 2023 billing month.

Kentucky Power committed in 2022 to bring issues regarding the monthly volatility in the Company's Fuel Adjustment Clause ("FAC") charge to the immediate attention of the Commission. Via this letter, Kentucky Power provides the Commission with information regarding the FAC rate for the February 2023 billing month.

Kentucky Power's calculated FAC factor for February 2023 billings (based on December 2022 estimated fuel costs) is \$0.05113/kWh (total adjustment factor of \$0.05047/kWh) as compared to the January 2023 (based on November 2022 estimated fuel costs) factor of \$0.03783/kWh (total adjustment factor of \$0.03717/kWh). The increase principally results from the higher cost of purchased power during the month of December. Kentucky Power purchased less energy for the month but at a higher cost than in the month of November.

Although the FAC factor charge is high for February 2023, residential customers will see several bill reductions and credits not available prior to December 2022 that will lessen the impact of the FAC rate on the total bill. Customers will see a bill reduction as a result of the expiration of the Rockport UPA in: Tariff Purchase Power Adjustment ("P.P.A.") charges and the Environmental Surcharge rate. Customers will also see a bill reduction as a result of the

expiration of Tariff Capacity Charge (“C.C”). Moreover, the Tariff Federal Tax Cut is \$28.43 in February 2023 for the average residential customer using 1,300 kWh (as compared to \$0.13 in the months April through November).

The Company estimates that the average customer using 1,300 kWh will see an approximate overall bill reduction of \$12 (compared to if the bill had been rendered prior to the expiration of the Rockport UPA and the winter Tariff F.T.C. credit kicking in).

The Company continues to undertake a review of changes in the calculation methodology to reduce monthly volatility in its calculated FAC. The Commission recently opened Case No. 2022-00190, *Investigation of the Fuel Adjustment Clause Regulation 807 KAR 5:056*, to investigate the FAC, purchased power cost recovery, current and future fuel and power price volatility, and related cost recovery mechanisms, in response to Senate Resolution 316 (SR 316).¹ Kentucky Power appreciates the opportunity to provide comment, as requested by the Commission, to aid in the determination of specific alternatives and areas of concern with respect to the FAC and other issues presented in that case. The Company offered its comments or proposed changes to 807 KAR 5:056 aimed at, among other things, reducing volatility in the Company’s FAC rate.

Finally, Kentucky Power reiterates that it has billing programs that can help customers at high bill times. The existing Average Monthly Payment Plan (AMP) can lessen the volatility of customers’ bills, including changes in the FAC. Information about the AMP, and other means of controlling high winter electric bills is available on the Company’s website at: <https://www.kentuckypower.com/account/bills/pay/assistance/winter-bill-help>

The Company would be pleased to meet with Commission Staff to address the issues contained in this letter. If you have any questions, please contact me at 606-327-2603.

Sincerely,



Brian K. West
Vice President, Regulatory & Finance
Enclosure

¹ *In The Matter Of: Investigation Of The Fuel Adjustment Clause Regulation 807 KAR 5:056, Case No. 2022-00190.*

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES


Month Ended: December 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.05113
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.05047

Effective Month for Billing

February 2023

Submitted by:


(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

January 23, 2023

* See Form 1.0, 2022 System Sales Clause Update, August 9, 2022 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: December 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$41,009,110</u>		
Sales Sm (Sales Schedule)	530,871,212	(+)	0.07725
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.05113</u></u>

Effective Month for Billing February 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: January 23, 2023

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: December 2022

A. Company Generation			
Coal Burned	(+)	\$7,046,750	
Oil Burned	(+)	1,077,344	
Gas Burned	(+)	503,492	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)	(+)	0	
Fuel (substitute for Forced Outage)	(-)	0	
Sub Total		<u>8,627,586</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	37,013,497	
Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
Sub Total		<u>37,013,497</u>	
C. Inter-System Sales Fuel Costs		<u>1,859,181</u>	
Sub Total		<u>1,859,181</u>	
D. Total Fuel Cost (A + B - C)		<u><u>\$43,781,902</u></u>	
E. Adjustment indicating the difference in actual fuel cost for the month of <u>November 2022</u> and the estimated cost originally reported.			
		<u>\$27,411,566</u>	-
		(actual)	
		<u>\$27,408,041</u>	-
		(estimated)	
			=
			<u>3,525</u>
F. Total Company Over or (Under) Recovery from Page 4, Line 12		<u>4,078,665</u>	
G. Grand Total Fuel Cost (D + E - F)		<u>\$39,706,762</u>	
H. Fuel-Related PJM Billing Line Items		<u>December 2022</u>	1,302,348
I. ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$41,009,110</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: December 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	189,231,000
Purchases Including Interchange In	(+)	<u>400,310,000</u>
Sub Total		589,541,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	28,200,000
System Losses	(+)	<u>30,469,788</u> *
Sub Total		<u>58,669,788</u>
Total Sales (A - B)		<u><u>530,871,212</u></u>

* Does not include 606,212 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: December 2022

Line No.			
1	FAC Rate Billed	(+)	0.04194
2	Retail KWH Billed at Above Rate	(x)	<u>495,513,800</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>20,781,849</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	405,052,299
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,389,072</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>399,663,227</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		16,761,876
8	Over or (Under) Recovery (L3 - L7)		4,019,973
9	Total Sales (Page 3)	(+)	530,871,212
10	Kentucky Jurisdictional Sales	(/)	<u>523,234,196</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01460
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>4,078,665</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **November 2022**

A. Company Generation			
Coal Burned	(+)	\$1,122,583	
Oil Burned	(+)	343,158	
Gas Burned	(+)	490,104	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(0 KWH X \$0.000000)	(+)	0	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>1,955,844</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	26,299,506	
Identifiable Fuel Cost (substitute for Forced Outage)			
(0 KWH X \$0.000000)	(-)	0	
Purchase Adjustment for Peaking Unit Equivalent	(-)	0 (1)	
Sub-total		<u>26,299,506</u>	
C. Inter-System Sales Fuel Costs		<u>843,784</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$27,411,566</u>	
E. Fuel-Related PJM Billing Line Items	<u>November 2022</u>	650,680	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$28,062,246</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

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RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the January 2023 billing month. These calculations are based on estimated November 2022 fuel cost with an adjustment reflecting actual October 2022 fuel costs.

If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West", written over a horizontal line.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: November 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.03783
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.03717

Effective Month for Billing

January 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

December 20, 2022

* See Form 1.0, 2022 System Sales Clause Update, August 9, 2022 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: November 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$28,183,279</u>		
Sales Sm (Sales Schedule)	440,706,130	(+)	0.06395
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.03783</u></u>

Effective Month for Billing January 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: December 20, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: November 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	4,982,000
Purchases Including Interchange In	(+)	<u>479,292,000</u>
Sub Total		484,274,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	17,615,000
System Losses	(+)	<u>25,952,870</u> *
Sub Total		<u>43,567,870</u>
Total Sales (A - B)		<u><u>440,706,130</u></u>

* Does not include 469,130 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: November 2022

Line No.			
1	FAC Rate Billed	(+)	0.04130
2	Retail KWH Billed at Above Rate	(x)	<u>389,522,664</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>16,087,286</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	404,267,144
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,579,291</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>398,687,853</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		16,465,808
8	Over or (Under) Recovery (L3 - L7)		(378,522)
9	Total Sales (Page 3)	(+)	440,706,130
10	Kentucky Jurisdictional Sales	(/)	<u>434,496,172</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01429
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(383,931)</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: October 2022**

A. Company Generation					
Coal Burned			(+)	\$0	
Oil Burned			(+)	0	
Gas Burned			(+)	504,601	
Fuel (jointly owned plant)			(+)	0	
Fuel (assigned cost during Forced Outage)					
(0 KWH X \$0.000000)			(+)	0	
Fuel (substitute for Forced Outage)			(-)	<u>0</u>	
	Sub-total			<u>504,601</u>	
B. Purchases					
Net Energy Cost - Economy Purchases			(+)	0	
Identifiable Fuel Cost - Other Purchases			(+)	25,535,944	
Identifiable Fuel Cost (substitute for Forced Outage)					
(0 KWH X \$0.000000)			(-)	0	
Purchase Adjustment for Peaking Unit Equivalent			(-)	259,374 (1)	
	Sub-total			<u>25,276,570</u>	
C. Inter-System Sales Fuel Costs				<u>486,785</u>	
D. SUB-TOTAL FUEL COST (A + B - C)				<u>\$25,294,386</u>	
E. Fuel-Related PJM Billing Line Items				<u>1,231,254</u>	October 2022
F. GRAND TOTAL FUEL COSTS (D + E)				<u><u>\$26,525,640</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

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November 21, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the December 2022 billing month.

Kentucky Power committed earlier this year to bring issues regarding the monthly volatility in the Company's Fuel Adjustment Clause ("FAC") charge to the immediate attention of the Commission. In a similar vein, via this letter, Kentucky Power provides the Commission with information regarding planned and maintenance outages at each of the Company's generating units during fall 2022.

Between September 3, 2022 and December 12, 2022, at least one of the generating units that provides power for Kentucky Power (Big Sandy Unit 1, Mitchell Units 1 and 2, and Rockport Units 1 and 2) will be down for planned or maintenance outages. During the period of September 24, 2022 and November 5, 2022, all of the generating units that provides power for Kentucky Power were down for planned or maintenance outages. During the time that the units are in outage status, the Company relies, in whole or in part, on market purchases to serve its internal load.

In each instance, each unit took a maintenance outage immediately prior to a planned outage. The maintenance outages generally were taken to prepare for planned outages and generally ranged from two to 21 days. Planned outages range from a long of 93 days (Big Sandy

Unit 1) and a short of 27 days (Rockport Unit 1). The planned outages for each unit were approved in advance by PJM. Below is a brief description of the main drivers for each planned outage at each unit:

Big Sandy Unit 1	<ul style="list-style-type: none"> - Inspection and repair of Boiler Reheat Outlet Header and Secondary Superheater Outlet Headers (Critical Path¹) – Safety and remaining life assessment - Generation Field Out Inspection (2nd Critical Path) – Reliability
Mitchell Unit 1	<ul style="list-style-type: none"> - High Energy Piping Inspection (Critical Path) – Safety - Mercury and Air Toxin Standard (MATS) Inspection and Tuning (2nd Critical Path) – Environmental Compliance - Unit Interlock Testing - Safety
Mitchell Unit 2	<ul style="list-style-type: none"> - Cooling Tower Inspect and Repair (Critical Path) – Reliability and Heat Rate Improvement - Precipitator Upgrades and Repairs (2nd Critical Path) – Reliability Improvement - Replace Low Pressure Turbine Rotors A and B (3rd Critical Path) – Safety and Heat Rate Improvement
Rockport Unit 1	<ul style="list-style-type: none"> - Installation of Cropped Blades on Low Pressure Turbines #1 and #3 (Critical Path) – Safety
Rockport Unit 2	<ul style="list-style-type: none"> - Low Pressure Turbines # 2 and #4 L-0 Blade Inspection (Critical Path) – Safety

Each of these planned outages were necessary at this time either for safety reasons and/or to improve efficiency or reliability. The Company works diligently to schedule outages when they will have the least effect on customers, while keeping those same units operational during peak periods to lessen the dependence on purchased power. The Company schedules Planned Outages during the “shoulder months” of March, April, May, September, October, November and December when energy demand is expected to be less. Milder temperatures typically experienced in shoulder months historically result in lower energy prices and lower customer consumption. PJM restricts the Company’s ability to schedule Planned Outages during the months of January, February, June, July and August. Planned Outages and Maintenance Outages

¹ The critical path project is the one that sets the duration of the outage. The 2nd critical path is the project that would become the critical path should there be a change that impacts the duration of either project.

help to ensure that Company-owned units are available and reliable during periods of high energy demand when prices tend to be higher.

The Company continues to undertake a review of changes in the calculation methodology to reduce monthly volatility in its calculated FAC. The Commission recently opened Case No. 2022-00190, *Electronic Investigation of the Fuel Adjustment Clause Regulation 807 KAR 5:056*, to investigate the FAC, purchased power cost recovery, current and future fuel and power price volatility, and related cost recovery mechanisms, in response to Senate Resolution 316 (SR 316).² Kentucky Power appreciates the opportunity to provide comment, as requested by the Commission, to aid in the determination of specific alternatives and areas of concern with respect to the FAC and other issues presented in that case.

Finally, Kentucky Power reiterates that it has billing programs that can help customers at high bill times. The existing Average Monthly Payment Plan (AMP) can lessen the volatility of customers' bills, including changes in the FAC. Information about the AMP, and other means of controlling high winter electric bills is available on the Company's website at: kentuckypower.com and being shared through social media, customer emails, bill inserts/messages and news releases.

The Company would be pleased to meet with Commission Staff to address the issues contained in this letter. If you have any questions, please contact me at 606-327-2603.

Sincerely,



Brian K. West
Vice President, Regulatory & Finance
Enclosure

² *In The Matter Of: Electronic Investigation Of The Fuel Adjustment Clause Regulation 807 KAR 5:056, Case No. 2022-00190.*

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: October 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.04194
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.04128

Effective Month for Billing

December 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

November 21, 2022

* See Form 1.0, 2022 System Sales Clause Update, August 9, 2022 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: October 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$27,566,096</u>		
Sales Sm (Sales Schedule)	405,052,299	(+)	0.06806
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.04194</u></u>

Effective Month for Billing December 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: November 21, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: October 2022

A.	Company Generation			
	Coal Burned	(+)	\$0	
	Oil Burned	(+)	0	
	Gas Burned	(+)	504,601	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>504,601</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	25,535,944	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>25,535,944</u>	
C.	Inter-System Sales Fuel Costs		<u>486,786</u>	
	Sub Total		486,786	
D.	Total Fuel Cost (A + B - C)		<u><u>\$25,553,759</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>September 2022</u> and the estimated cost originally reported.			
	<u>\$25,620,508</u>	-	<u>\$26,522,340</u>	=
	(actual)		(estimated)	<u>(901,832)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(1,682,915)</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$26,334,842</u>	
H.	Fuel-Related PJM Billing Line Items	<u>October 2022</u>	1,231,254	
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$27,566,096</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: October 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	0
Purchases Including Interchange In	(+)	<u>437,101,000</u>
Sub Total		437,101,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	8,431,000
System Losses	(+)	<u>23,617,701</u> *
Sub Total		<u>32,048,701</u>
Total Sales (A - B)		<u><u>405,052,299</u></u>

* Does not include 353,299 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: October 2022

Line No.			
1	FAC Rate Billed	(+)	0.02738
2	Retail KWH Billed at Above Rate	(x)	<u>401,840,078</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>11,002,381</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	469,359,131
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,871,467</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>462,487,664</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		12,662,912
8	Over or (Under) Recovery (L3 - L7)		(1,660,531)
9	Total Sales (Page 3)	(+)	405,052,299
10	Kentucky Jurisdictional Sales	(/)	<u>399,663,227</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01348
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(1,682,915)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **September 2022**

A. Company Generation				
Coal Burned	(+)		\$2,857,099	
Oil Burned	(+)		21,794	
Gas Burned	(+)		214,751	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(0 KWH X \$0.000000)	(+)		0	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>3,093,643</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		23,989,817	
Identifiable Fuel Cost (substitute for Forced Outage)				
(0 KWH X \$0.000000)	(-)		0	
Purchase Adjustment for Peaking Unit Equivalent	(-)		904,634 (1)	
Sub-total			<u>23,085,183</u>	
C. Inter-System Sales Fuel Costs			<u>558,318</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$25,620,508</u>	
E. Fuel-Related PJM Billing Line Items		<u>September 2022</u>	942,328	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$26,562,836</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

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If you have any questions, please contact me at 606-327-2603.

Sincerely,

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Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: September 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.04130
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.04064

Effective Month for Billing

November 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

October 17, 2022


* See Form 1.0, 2022 System Sales Clause Update, August 9, 2022 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: September 2022

Fuel Fm (Fuel Cost Schedule)	\$27,256,899			
Sales Sm (Sales Schedule)	404,267,144	(+)		0.06742
Fuel (Fb)	\$12,810,858			
Sales (Sb)	490,482,730	(-)		0.02612 *
				0.04130

Effective Month for Billing November 2022

Submitted by:


 (Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: October 17, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: September 2022

A.	Company Generation		
	Coal Burned	(+)	\$2,857,099
	Oil Burned	(+)	21,794
	Gas Burned	(+)	214,750
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>3,093,643</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	23,989,817
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>23,989,817</u>
C.	Inter-System Sales Fuel Costs		<u>561,120</u>
	Sub Total		561,120
D.	Total Fuel Cost (A + B - C)		<u><u>\$26,522,340</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>August 2022</u> and the estimated cost originally reported.		
	<u>\$25,658,272</u>	-	<u>\$26,412,194</u>
	(actual)		(estimated)
		=	<u>(753,922)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(546,153)</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$26,314,571</u>
H.	Fuel-Related PJM Billing Line Items	<u>September 2022</u>	942,328
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$27,256,899</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: September 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	128,018,000
Purchases Including Interchange In	(+)	<u>307,650,000</u>
Sub Total		435,668,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	7,069,000
System Losses	(+)	<u>24,331,856</u> *
Sub Total		<u>31,400,856</u>
Total Sales (A - B)		<u><u>404,267,144</u></u>

* Does not include 385,144 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: September 2022

Line No.			
1	FAC Rate Billed	(+)	0.01528
2	Retail KWH Billed at Above Rate	(x)	<u>436,240,828</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>6,665,760</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	478,525,653
5	Non-Jurisdictional KWH Included in L4	(-)	<u>7,034,949</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>471,490,704</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		7,204,378
8	Over or (Under) Recovery (L3 - L7)		(538,618)
9	Total Sales (Page 3)	(+)	404,267,144
10	Kentucky Jurisdictional Sales	(/)	<u>398,687,853</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01399
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(546,153)</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: August 2022**

A. Company Generation					
Coal Burned				(+)	\$6,447,737
Oil Burned				(+)	180,639
Gas Burned				(+)	3,685,544
Fuel (jointly owned plant)				(+)	0
Fuel (assigned cost during Forced Outage)					
(0 KWH X \$0.000000)				(+)	0
Fuel (substitute for Forced Outage)				(-)	<u>0</u>
			Sub-total		<u>10,313,920</u>
B. Purchases					
Net Energy Cost - Economy Purchases				(+)	0
Identifiable Fuel Cost - Other Purchases				(+)	23,032,256
Identifiable Fuel Cost (substitute for Forced Outage)					
(0 KWH X \$0.000000)				(-)	0
Purchase Adjustment for Peaking Unit Equivalent				(-)	745,497 (1)
			Sub-total		<u>22,286,759</u>
C. Inter-System Sales Fuel Costs					<u>6,942,408</u>
D. SUB-TOTAL FUEL COST (A + B - C)					<u>\$25,658,272</u>
E. Fuel-Related PJM Billing Line Items					
			<u>August 2022</u>		702,720
F. GRAND TOTAL FUEL COSTS (D + E)					<u><u>\$26,360,992</u></u>

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

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SEP 19 2022

PUBLIC SERVICE
COMMISSION



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DELIVERED VIA EMAIL TO PSCED@KY.GOV

September 19, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the October 2022 billing month. These calculations are based on estimated August 2021 fuel cost with an adjustment reflecting actual July 2022 fuel costs.

If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: August 2022

1 Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.02738
2 System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3 Total Adjustment Clause Factors		\$0.02672

Effective Month for Billing

October 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

September 19, 2022

* See Form 1.0, 2022 System Sales Clause Update, August 9, 2022 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: August 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$25,111,519</u>		
Sales Sm (Sales Schedule)	469,359,131	(+)	0.05350
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.02738</u></u>

Effective Month for Billing October 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: September 19, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: August 2022

A.	Company Generation		
	Coal Burned	(+)	\$6,447,737
	Oil Burned	(+)	180,639
	Gas Burned	(+)	3,685,544
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>10,313,920</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	23,032,256
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>23,032,256</u>
C.	Inter-System Sales Fuel Costs		<u>6,933,982</u>
	Sub Total		6,933,982
D.	Total Fuel Cost (A + B - C)		<u><u>\$26,412,194</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>July 2022</u> and the estimated cost originally reported. <u>\$19,855,100</u> - <u>\$21,178,017</u> = <u>(1,322,917)</u> (actual) (estimated)		
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>680,479</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$24,408,799</u>
H.	Fuel-Related PJM Billing Line Items <u>August 2022</u>		702,720
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$25,111,519</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: August 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	306,295,000
Purchases Including Interchange In	(+)	<u>271,533,000</u>
Sub Total		577,828,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	80,408,000
System Losses	(+)	<u>28,060,869</u> *
Sub Total		<u>108,468,869</u>
Total Sales (A - B)		<u><u>469,359,131</u></u>

* Does not include 580,131 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: August 2022

Line No.			
1	FAC Rate Billed	(+)	0.03193
2	Retail KWH Billed at Above Rate	(x)	<u>464,187,520</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>14,821,508</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	449,598,270
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,410,262</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>443,188,008</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		14,150,993
8	Over or (Under) Recovery (L3 - L7)		670,515
9	Total Sales (Page 3)	(+)	469,359,131
10	Kentucky Jurisdictional Sales	(/)	<u>462,487,664</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01486
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>680,479</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: July 2022

A. Company Generation			
Coal Burned	(+)	\$6,222,777	
Oil Burned	(+)	761,315	
Gas Burned	(+)	4,148,223	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(23,520,520 KWH X \$0.020823)	(+)	489,768	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>11,622,083</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	18,765,508	
Identifiable Fuel Cost (substitute for Forced Outage)			
(23,520,520 KWH X \$0.093258)	(-)	2,193,477	
Purchase Adjustment for Peaking Unit Equivalent	(-)	381,205 (1)	
Sub-total		<u>16,190,825</u>	
C. Inter-System Sales Fuel Costs		<u>7,957,808</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$19,855,100</u>	
E. Fuel-Related PJM Billing Line Items	<u>July 2022</u>	1,294,706	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$21,149,807</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

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COMMISSION



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August 19, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the September 2022 billing month. These calculations are based on estimated July 2021 fuel cost with an adjustment reflecting actual June 2022 fuel costs.

If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: July 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.01528
2	System Sales Clause Factor	(+)	<u>\$0.0001000</u> *
3	Total Adjustment Clause Factors		\$0.01538

Effective Month for Billing

September 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

August 19, 2022


* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: July 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$19,809,402</u>		
Sales Sm (Sales Schedule)	478,525,653	(+)	0.04140
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.01528</u></u>

Effective Month for Billing September 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: August 19, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: July 2022

A.	Company Generation			
	Coal Burned	(+)	\$5,542,777	
	Oil Burned	(+)	761,315	
	Gas Burned	(+)	4,148,223	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		10,452,315	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	18,765,508	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		18,765,508	
C.	Inter-System Sales Fuel Costs		8,039,806	
	Sub Total		8,039,806	
D.	Total Fuel Cost (A + B - C)		\$21,178,017	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>June 2022</u> and the estimated cost originally reported.			
	$\frac{\$22,438,773}{\text{(actual)}} - \frac{\$23,424,030}{\text{(estimated)}} = \underline{\underline{(985,257)}}$			
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		1,678,064	
G.	Grand Total Fuel Cost (D + E - F)		\$18,514,696	
H.	Fuel-Related PJM Billing Line Items	<u>July 2022</u>	1,294,706	
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		\$19,809,402	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: July 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	324,732,000
Purchases Including Interchange In	(+)	<u>285,659,000</u>
Sub Total		610,391,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	102,164,000
System Losses	(+)	<u>29,701,347</u> *
Sub Total		<u>131,865,347</u>
Total Sales (A - B)		<u><u>478,525,653</u></u>

* Does not include 426,653 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: July 2022

Line No.			
1	FAC Rate Billed	(+)	0.03226
2	Retail KWH Billed at Above Rate	(x)	<u>461,541,632</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>14,889,333</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	415,884,310
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,594,864</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>410,289,446</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		13,235,938
8	Over or (Under) Recovery (L3 - L7)		1,653,395
9	Total Sales (Page 3)	(+)	478,525,653
10	Kentucky Jurisdictional Sales	(/)	<u>471,490,704</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01492
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>1,678,064</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **June 2022**

A. Company Generation			
Coal Burned	(+)	\$4,813,016	
Oil Burned	(+)	282,674	
Gas Burned	(+)	5,142,690	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(11,777,302 KWH X \$0.024810)	(+)	292,195	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>10,530,575</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	16,978,615	
Identifiable Fuel Cost (substitute for Forced Outage)			
(11,777,302 KWH X \$0.095904)	(-)	1,129,490	
Purchase Adjustment for Peaking Unit Equivalent	(-)	205,221 (1)	
Sub-total		<u>15,643,904</u>	
C. Inter-System Sales Fuel Costs		<u>3,735,706</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$22,438,773</u>	
E. Fuel-Related PJM Billing Line Items	<u>June 2022</u>	1,785,632	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$24,224,405</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

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DELIVERED VIA EMAIL TO PSCED@KY.GOV

July 19, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause schedules with supporting sales and fuel cost schedules for the August 2022 billing month. These costs are based on estimated June 2022 fuel costs as adjusted for May 2022 actual fuel costs. These costs are further adjusted¹ this month to collect the \$1,000,000 underrecovery of fuel costs that were deferred in connection with bills rendered in the March 2022 billing cycle.²

If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

¹ See Order, *In the Matter of: Electronic Application Of Kentucky Power Company To Defer A Portion Of Fuel Adjustment Clause Charges For Later Collection Without Establishing A Regulatory Asset*, Case No. 2022-00125 at 3 (Ky. P.S.C. June 28, 2022).

² See Line H3 of page 2 of 5 of attached schedule. This completes the recovery of all deferrals in connection with the February and March 2022 billing cycles.

cc: Michael L. Kurtz
John G. Horne

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: June 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.03193
2	System Sales Clause Factor	(+)	<u>\$0.0001000</u> *
3	Total Adjustment Clause Factors		\$0.03203

Effective Month for Billing

August 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

July 19, 2022

* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: June 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$26,098,008</u>		
Sales Sm (Sales Schedule)	449,598,270	(+)	0.05805
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.03193</u></u>

Effective Month for Billing August 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: July 19, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: June 2022

A.	Company Generation		
	Coal Burned	(+)	\$4,813,016
	Oil Burned	(+)	282,674
	Gas Burned	(+)	5,142,690
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>10,238,380</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	16,978,615
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>16,978,615</u>
C.	Inter-System Sales Fuel Costs		<u>3,792,965</u>
	Sub Total		3,792,965
D.	Total Fuel Cost (A + B - C)		<u><u>\$23,424,030</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>May 2022</u> and the estimated cost originally reported.		
	<u>\$21,879,933</u>	-	<u>\$22,130,126</u>
	(actual)		(estimated)
		=	<u>(250,193)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12 - Line H3 of Page 2		<u>(1,138,539)</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$24,312,376</u>
H.	Fuel-Related PJM Billing Line Items	<u>June 2022</u>	1,785,632
H1.	Deferral Adjustment to be collected in future months		\$0
H2.	Deferred Expense Adjustment - February (Completed)		\$0
H3.	Deferred Expense Adjustment - March (3 of 3)		\$1,000,000
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$26,098,008</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: June 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	273,602,000
Purchases Including Interchange In	(+)	<u>257,480,000</u>
Sub Total		531,082,000
 B. Pumped Storage Energy	 (+)	 0
Inter-System Sales Including Interchange Out	(+)	53,932,000
System Losses	(+)	<u>27,551,730</u> *
Sub Total		<u>81,483,730</u>
Total Sales (A - B)		<u><u>449,598,270</u></u>

* Does not include 476,270 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: June 2022

Line No.			
1	FAC Rate Billed	(+)	0.02990
2	Retail KWH Billed at Above Rate	(x)	<u>378,603,059</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>11,320,231</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	388,747,791
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,577,381</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>383,170,410</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		11,456,795
8	Over or (Under) Recovery (L3 - L7)		(136,564)
9	Total Sales (Page 3)	(+)	449,598,270
10	Kentucky Jurisdictional Sales	(/)	<u>443,188,008</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01446
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(138,539)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **May 2022**

A. Company Generation			
Coal Burned	(+)	\$3,760,755	
Oil Burned	(+)	286,343	
Gas Burned	(+)	5,871,528	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(0 KWH X \$0.000000)	(+)	0	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>9,918,625</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	15,750,416	
Identifiable Fuel Cost (substitute for Forced Outage)			
(0 KWH X \$0.000000)	(-)	0	
Purchase Adjustment for Peaking Unit Equivalent	(-)	254,887 (1)	
Sub-total		<u>15,495,529</u>	
C. Inter-System Sales Fuel Costs		<u>3,534,222</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$21,879,933</u>	
E. Fuel-Related PJM Billing Line Items	<u>May 2022</u>	219,971	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$22,099,904</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.



An **AEP** Company

BOUNDLESS ENERGY™

DELIVERED VIA EMAIL TO PSCED@KY.GOV

September 1, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Kentucky Power Company encloses in accordance with the Commission's June 28, 2022 Order in Case No. 2022-00125 the Company's Fuel Adjustment Clause ("FAC") Schedules with supporting sales and fuel cost schedules for the July 2022 billing month. These calculations are based on estimated May 2022 fuel costs with an adjustment reflecting actual April 2022 fuel costs.

To effect Kentucky Power's February 2022 commitment to address the monthly volatility of the Company's FAC, Kentucky Power postponed the collection of \$3,000,000 of February 2022 and \$3,000,000 of March 2022 estimated fuel costs. A total of \$6,000,000 was postponed for later collection from customers. Kentucky Power collected \$1,000,000 of the postponed February 2022 amounts as part of the May 2022 billing cycle, \$1,000,000 of the postponed February 2022 amounts and \$1,000,000 of the postponed March amounts as part of the June 2022 billing cycle.

The Company collected \$2,000,000 of the remaining \$3,000,000 in postponed amounts from customers during the July billing month, rather than collecting the remaining \$3,000,000 in its entirety during the July billing month. The remaining \$1,000,000 in postponed amounts was collected from customers during the August 2022 billing month.

Collecting only \$2,000,000 of the \$3,000,000 of postponed amounts during the July billing month, rather than the remaining \$3,000,000, had the effect of reducing the calculated FAC

factor for July 2022 billings from \$0.03466/kWh (total adjustment factor of \$0.03476/kWh) to \$0.03226/kWh (total adjustment factor of \$0.03236/kWh).

Kentucky Power filed on July 8, 2022 revised tariff sheets for Tariff FAC reflecting this rate reduction.

If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West", with a long horizontal flourish extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: May 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.03226
2	System Sales Clause Factor	(+)	<u>\$0.0001000</u> *
3	Total Adjustment Clause Factors		\$0.03236

Effective Month for Billing

July 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

September 1, 2022

* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: May 2022

Fuel Fm (Fuel Cost Schedule)	\$24,278,097			
Sales Sm (Sales Schedule)	415,884,310	(+)		0.05838
Fuel (Fb)	\$12,810,858			
Sales (Sb)	490,482,730	(-)		0.02612 *
				0.03226

Effective Month for Billing July 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: September 1, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: May 2022

A.	Company Generation			
	Coal Burned	(+)	\$3,760,755	
	Oil Burned	(+)	286,343	
	Gas Burned	(+)	5,871,528	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>9,918,625</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	15,779,103	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>15,779,103</u>	
C.	Inter-System Sales Fuel Costs		<u>3,567,602</u>	
	Sub Total		<u>3,567,602</u>	
D.	Total Fuel Cost (A + B - C)		<u><u>\$22,130,126</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>April 2022</u> and the estimated cost originally reported.			
			<u>\$17,882,566</u>	-
			(actual)	
			<u>\$18,016,513</u>	=
			(estimated)	
				<u>(133,947)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(61,946)</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$22,058,126</u>	
H.	Fuel-Related PJM Billing Line Items		<u>May 2022</u>	219,971
H1.	Deferral Adjustment to be collected in future months			\$0
H2.	Deferred Expense Adjustment - February (3 of 3)			\$1,000,000
H3.	Deferred Expense Adjustment - March (2 of 3)			\$1,000,000
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$24,278,097</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: May 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	238,181,000
Purchases Including Interchange In	(+)	<u>243,299,000</u>
Sub Total		481,480,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	43,333,000
System Losses	(+)	<u>22,262,690</u> *
Sub Total		<u>65,595,690</u>
Total Sales (A - B)		<u><u>415,884,310</u></u>

* Does not include 363,310 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: May 2022

Line No.			
1	FAC Rate Billed	(+)	0.01729
2	Retail KWH Billed at Above Rate	(x)	<u>432,510,738</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>7,478,111</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	442,400,243
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,354,946</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>436,045,297</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		7,539,223
8	Over or (Under) Recovery (L3 - L7)		(61,112)
9	Total Sales (Page 3)	(+)	415,884,310
10	Kentucky Jurisdictional Sales	(/)	<u>410,289,446</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01364
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(61,946)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: April 2022

A. Company Generation			
Coal Burned	(+)	\$2,323,275	
Oil Burned	(+)	803,993	
Gas Burned	(+)	3,496,190	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(10,589,330 KWH X \$0.033715)	(+)	357,019	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>6,980,478</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	15,323,245	
Identifiable Fuel Cost (substitute for Forced Outage)			
(10,589,330 KWH X \$0.067815)	(-)	718,115	
Purchase Adjustment for Peaking Unit Equivalent	(-)	45,216 (1)	
Sub-total		<u>14,559,914</u>	
C. Inter-System Sales Fuel Costs		<u>3,657,826</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$17,882,566</u>	
E. Fuel-Related PJM Billing Line Items	<u>April 2022</u>	1,178,458	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$19,061,024</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

RECEIVED

MAY 23 2022

PUBLIC SERVICE
COMMISSION



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DELIVERED VIA EMAIL TO PSCED@KY.GOV

May 23, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause ("FAC") Schedules with supporting sales and fuel cost schedules for the June 2022 billing month. These calculations are based on estimated April 2022 fuel cost with an adjustment reflecting actual March 2022 fuel costs.

To effect Kentucky Power's February 2022 commitment to address the monthly volatility of the Company's FAC, Kentucky Power postponed the collection of \$3,000,000 of February 2022 and \$3,000,000 of March 2022 estimated fuel costs. A total of \$6,000,000 was postponed for later collection from customers. Kentucky Power collected \$1,000,000 of the postponed February 2022 amounts as part of the May 2022 billing cycle. There remains \$5,000,000 in postponed amounts to be collected from customers.

The Company proposes to collect \$2,000,000 of the remaining \$5,000,000 in postponed amounts from customers during the June billing month, rather than collecting the remaining \$5,000,000 in its entirety during the June billing month.

Collecting only \$2,000,000 of the \$5,000,000 of postponed amounts during the June billing month, rather than the remaining \$5,000,000, has the effect of reducing the calculated FAC factor for June 2022 billings from \$0.03761/kWh (total adjustment factor of \$0.03771/kWh) to \$0.02990/kWh (total adjustment factor of \$0.03000/kWh).

Kentucky Power plans to file on May 24, 2022 revised tariff sheets for Tariff FAC reflecting this rate reduction.

If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West", with a long, sweeping horizontal line extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: April 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.02990
2	System Sales Clause Factor	(+)	<u>\$0.0001000</u> *
3	Total Adjustment Clause Factors		\$0.03000

Effective Month for Billing

June 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

May 23, 2022

* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: April 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$21,776,694</u>		
Sales Sm (Sales Schedule)	388,747,791	(+)	0.05602
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.02990</u></u>

Effective Month for Billing June 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: May 23, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: April 2022

A.	Company Generation			
	Coal Burned	(+)	\$2,323,275	
	Oil Burned	(+)	803,993	
	Gas Burned	(+)	3,496,190	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>6,623,459</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	15,309,284	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>15,309,284</u>	
C.	Inter-System Sales Fuel Costs		<u>3,916,230</u>	
	Sub Total		3,916,230	
D.	Total Fuel Cost (A + B - C)		<u><u>\$18,016,513</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>March 2022</u> and the estimated cost originally reported.			
			<u>\$21,817,768</u>	-
			(actual)	
			<u>\$21,825,459</u>	=
			(estimated)	
				<u>(7,691)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(589,415)</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$18,598,237</u>	
H.	Fuel-Related PJM Billing Line Items			<u>April 2022</u>
			1,178,458	
H1.	Deferral Adjustment to be collected in future months		\$0	
H2.	Deferred Expense Adjustment - February (2 of 3)		\$1,000,000	
H3.	Deferred Expense Adjustment - March (1 of 3)		\$1,000,000	
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$21,776,694</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: April 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	191,364,000
Purchases Including Interchange In	(+)	<u>290,548,000</u>
Sub Total		481,912,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	69,442,000
System Losses	(+)	<u>23,722,209</u> *
Sub Total		<u>93,164,209</u>
Total Sales (A - B)		<u><u>388,747,791</u></u>

* Does not include 431,791 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: April 2022

Line No.			
1	FAC Rate Billed	(+)	0.01024
2	Retail KWH Billed at Above Rate	(x)	<u>404,961,210</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>4,146,803</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	468,782,836
5	Non-Jurisdictional KWH Included in L4	(-)	<u>7,087,569</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>461,695,267</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		4,727,760
8	Over or (Under) Recovery (L3 - L7)		(580,957)
9	Total Sales (Page 3)	(+)	388,747,791
10	Kentucky Jurisdictional Sales	(/)	<u>383,170,410</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01456
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(589,415)</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: March 2022**

A. Company Generation			
Coal Burned	(+)	\$13,308	
Oil Burned	(+)	237,738	
Gas Burned	(+)	1,845,480	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(44,653,340 KWH X \$0.052097)	(+)	2,326,305	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>4,422,831</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	20,252,750	
Identifiable Fuel Cost (substitute for Forced Outage)			
(44,653,340 KWH X \$0.052097)	(-)	2,326,305	
Purchase Adjustment for Peaking Unit Equivalent	(-)	0 (1)	
Sub-total		<u>17,926,445</u>	
C. Inter-System Sales Fuel Costs		<u>531,508</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$21,817,768</u>	
E. Fuel-Related PJM Billing Line Items	<u>March 2022</u>	622,595	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$22,440,362</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

RECEIVED

APR 19 2022

PUBLIC SERVICE
COMMISSION



An **AEP** Company

BOUNDLESS ENERGY™

DELIVERED VIA EMAIL TO PSCED@KY.GOV and LINDA.BRIDWELL@KY.GOV

April 19, 2022

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the May 2022 billing month.

Kentucky Power committed in its February 21, 2022 letter to bring issues regarding the monthly volatility in the Company's Fuel Adjustment Clause ("FAC") charge to the immediate attention of the Commission. This letter is a further example of that commitment, as Kentucky Power again seeks to spread out a portion of the expected increase in fuel costs over three months to assist customers with rising bills.

Kentucky Power's calculated FAC factor for May 2022 billings (based on March 2022 estimated fuel costs) is \$0.02407/kWh (total adjustment factor of \$0.02417/kWh), which includes recovery of \$1,000,000 deferred from the April 2022 billing month (where a total of \$3,000,000 was deferred for future recovery in the May, June, and July 2022 billing months).

In a continued effort to address bill volatility due to the monthly fuel adjustment, Kentucky Power proposes to defer \$3,000,000 in March 2022 estimated fuel costs that otherwise would be collected in May 2022. In line with its previous commitment to spread out costs, Kentucky Power proposes to collect the deferred amounts in equal \$1,000,000 increments in the

June, July, and August billed fuel factors.¹ The effect of the deferral is to reduce the FAC factor applied to May 2022 bills to \$0.01729/kWh (total adjustment factor of \$0.01739/kWh).

With this proposal, a residential customer billed in May 2022 for 1,300 kWh of usage would incur a FAC factor charge of \$22.48 as compared to the unadjusted FAC factor charge of \$31.29, both of which amounts include the \$1,000,000 deferral recovery from April 2022.

As such, Kentucky Power again officially requests a deviation from the requirements of 807 KAR 5:056, to the extent the Commission deems a deviation necessary, to implement its proposal to defer \$3,000,000 in estimated March 2022 fuel costs and to collect the same in \$1,000,000 increments over a period of three months beginning with the June 2022 bill. Doing so will address the ongoing fuel cost volatility from current market conditions and lessen the immediate burden on customers.

For further explanation supporting the Company's proposal, and as explained in my previous letter to you dated March 21, 2022, one of the primary drivers of the increase in fuel costs is Kentucky Power's need for market purchases for generation. Generating units were available for 51.4% of the month of March, meaning they were either in service or available for service, but not selected by PJM as economic. The other 49.6% of the time, the units were unavailable primarily due to PJM-approved maintenance outages needed to address conditions that could eventually force them out of service if not addressed.

While it is the Company's goal to find ways to moderate FAC factor charges for customers, sometimes prudent long-term generation planning decisions and present market activity (which is outside the control of the Company) converge resulting in volatile FAC factor charges. Kentucky Power employs prudent practices in its generation planning and must take into consideration multiple factors when planning. Nonetheless, market purchases are necessary at times.

Generation planning typically is done over the long term rather than month-to-month (like how the FAC is calculated and adjusted). Many times, decisions regarding the Company's generation planning are made months or years in advance. For example, the Company often looks months or years into the future at forward prices for market energy, coal inventory levels and coal availability in the market, and the need for plant maintenance outages. However, volatility in market prices or availability can arise unexpectedly. Market purchases for the PJM AEP Dayton Hub have increased 83 percent year on year and are forecasted to remain higher through at least 2023 with wide volatility day-to-day or month-to-month. In addition, coal has remained in limited supply across the country, which drives up the price on new contracts,

¹ Recovery of these \$1,000,000 increments over two of the three proposed months (June and July 2022) will be in addition to the recovery of \$1,000,000 of previously-deferred February estimated fuel costs that otherwise would have been fully collected in April 2022, and which were addressed in my previous letter to you dated March 21, 2022.

assuming supply is even available. Thus, despite the Company's best planning efforts, sometimes conditions or changes in the market cannot be predicted.

Nonetheless, Kentucky Power always aims to offer its generating units into the market in order to minimize purchase power exposure and optimize available generation in a globally constrained fuel environment. It also must ensure that its units are in good order and able to perform during the highest load periods now and in the future. The Company takes all of these factors, as well as the potential impact on customers, into consideration when planning its generation resources and offering them into the market. The Company also remains committed to assisting customers when market conditions or prices unexpectedly change, which is demonstrated by the Company's deferral request herein.

Kentucky Power continues to undertake a review of changes in the calculation methodology to reduce monthly volatility in its calculated FAC and will promptly inform the Commission of any reasonable changes that are identified.

Finally, Kentucky Power continues to promote its Average Monthly Payment Plan (AMP) for residential customers, as it helps customers by reducing fluctuations in bills, including fluctuations caused by the Fuel Adjustment Clause. Information about the AMP, and other means of controlling bills is available at:

<https://www.kentuckypower.com/account/bills/pay/assistance/winter-bill-help>

I would be pleased to meet with Commission Staff to address the issues contained in this letter. If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read 'B. West', with a long horizontal flourish extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: March 2022

1 Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.01729
2 System Sales Clause Factor	(+)	<u>\$0.0001000</u> *
3 Total Adjustment Clause Factors		\$0.01739

Effective Month for Billing

May 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

April 19, 2022

* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: March 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$19,204,966</u>		
Sales Sm (Sales Schedule)	442,400,243	(+)	0.04341
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u>0.01729</u>

Effective Month for Billing May 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: April 19, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: March 2022

A.	Company Generation			
	Coal Burned	(+)	\$13,308	
	Oil Burned	(+)	237,738	
	Gas Burned	(+)	1,845,480	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		2,096,526	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	20,259,506	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		20,259,506	
C.	Inter-System Sales Fuel Costs		530,573	
	Sub Total		530,573	
D.	Total Fuel Cost (A + B - C)		\$21,825,459	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>February 2022</u> and the estimated cost originally reported.			
	<u>\$19,383,761</u>	-	<u>\$20,862,778</u>	=
	(actual)		(estimated)	
			(1,479,017)	
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		(235,930)	
G.	Grand Total Fuel Cost (D + E - F)		\$20,582,372	
H.	Fuel-Related PJM Billing Line Items			
	<u>March 2022</u>		622,595	
H1.	Deferral Adjustment to be collected in future months		(\$3,000,000)	
H2.	Deferred Expense Adjustment (1 of 3)		\$1,000,000	
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		\$19,204,966	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: March 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	28,120,000
Purchases Including Interchange In	(+)	<u>454,029,000</u>
Sub Total		482,149,000
 B. Pumped Storage Energy	 (+)	 0
Inter-System Sales Including Interchange Out	(+)	13,333,000
System Losses	(+)	<u>26,415,757</u> *
Sub Total		<u>39,748,757</u>
Total Sales (A - B)		<u><u>442,400,243</u></u>

* Does not include 489,243 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: March 2022

Line No.			
1	FAC Rate Billed	(+)	0.00213
2	Retail KWH Billed at Above Rate	(x)	<u>459,902,561</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>979,592</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	577,776,513
5	Non-Jurisdictional KWH Included in L4	(-)	<u>8,699,744</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>569,076,769</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		1,212,134
8	Over or (Under) Recovery (L3 - L7)		(232,542)
9	Total Sales (Page 3)	(+)	442,400,243
10	Kentucky Jurisdictional Sales	(/)	<u>436,045,297</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01457
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(235,930)</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: February 2022**

A. Company Generation			
Coal Burned	(+)	\$2,309,154	
Oil Burned	(+)	198,958	
Gas Burned	(+)	2,304,586	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)			
(33,162,710 KWH X \$0.008025)	(+)	266,131	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>5,078,828</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	17,207,962	
Identifiable Fuel Cost (substitute for Forced Outage)			
(33,162,710 KWH X \$0.051087)	(-)	1,694,183	
Purchase Adjustment for Peaking Unit Equivalent	(-)	51,226 (1)	
Sub-total		<u>15,462,553</u>	
C. Inter-System Sales Fuel Costs		<u>1,157,620</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$19,383,761</u>	
E. Fuel-Related PJM Billing Line Items	<u>February 2022</u>	(116,223)	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$19,267,537</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

RECEIVED

MAR 21 2022

PUBLIC SERVICE
COMMISSION



An **AEP** Company

BOUNDLESS ENERGY™

DELIVERED VIA EMAIL TO PSCED@KY.GOV and LINDA.BRIDWELL@KY.GOV

March 21, 2021

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the April 2022 billing month.

Kentucky Power committed in its February 21, 2022 letter to bring issues regarding the monthly volatility in the Company's Fuel Adjustment Clause ("FAC") charge to the immediate attention of the Commission. This letter is an example of that commitment, as Kentucky Power seeks to spread out a portion of the expected increase in fuel costs over three months to assist customers with rising bills.

Kentucky Power's calculated FAC factor for April 2022 billings (based on February 2022 estimated fuel costs) is \$0.01664/kWh (total adjustment factor of \$0.01674/kWh) as compared to the March 2022 (based on January 2022 estimated fuel costs) factor of \$0.00213/kWh (total adjustment factor of \$0.00223/kWh). The increase principally results from two causes:

The first is Kentucky Power's need for market purchases for generation. Generating units were available for 55.4% of the month of February, meaning they were either in service or available for service, but not selected by PJM as economic. The other 44.6% of the time, the units were unavailable primarily due to PJM-approved maintenance outages needed to address conditions that could eventually force them out of service if not addressed.

Second, in March 2022, customers' fuel clause was credited with a \$3.167 million true-up from the prior month, which had the effect of more greatly reducing the March 2022 FAC factor. In April 2022, customers' fuel clause will be credited with a \$60,899 true-up, which will not reduce the FAC factor as significantly. The result is that a residential customer billed in both March and April 2022 for 1,300 kWh of usage would see the customer's FAC charge increase from \$2.77 in March to \$21.63 in April.

In an effort to address bill volatility due to the monthly fuel adjustment, Kentucky Power proposes to defer \$3,000,000 in February 2022 estimated fuel costs that otherwise would be collected in April 2022. In line with its previous commitment to spread out the costs, Kentucky Power proposes to collect the deferred amounts in equal \$1,000,000 increments in the May, June, and July billed fuel factors. The effect of the deferral is to reduce the FAC factor applied to April 2022 bills to \$0.01024/kWh (total adjustment factor of \$0.01034/kWh).

With this proposal, a residential customer billed in April 2022 for 1,300 kWh of usage would see a 38 percent reduction in the FAC factor charge from \$21.63 to \$13.31 as compared to the calculated FAC factor charge. The corresponding total bill would decline from \$211.96 to \$202.82 if the proposal is implemented.

For further comparison, with this proposal the average customer using 1,300 kWh will see only a small increase in the customer's total bill in April 2022 vs. April 2021 (\$202.82 vs. \$197.99).

Therefore, **Kentucky Power officially requests a deviation from the requirements of 807 KAR 5:056, to the extent the Commission deems a deviation necessary, to implement its proposal to defer \$3,000,000 in estimated February 2022 fuel costs and to collect the same in \$1,000,000 increments over a period of three months beginning with the May 2022 bill.** Doing so will address the ongoing fuel cost volatility from current market conditions and lessen the immediate burden on customers.

Kentucky Power continues to undertake a review of changes in the calculation methodology to reduce monthly volatility in its calculated FAC and will promptly inform the Commission of any reasonable changes that are identified.

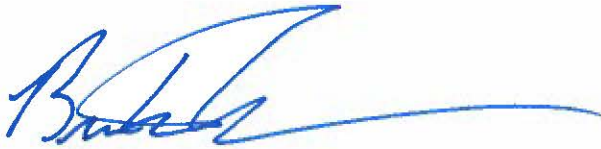
It bears reminding the Commission about another seasonal bill change that impacts customer bills in April. As the Commission is aware, under Tariff F.T.C., the Federal Tax Cut credit factor is credited at a higher amount during winter months to provide a larger credit in the higher winter heating season for customers, in accordance with the most recent base rate case order. That credit was adjusted to decline from \$.02187/kWh to \$0.0010/kWh in April and the end of the winter heating season. This means that for a residential customer billed in both March and April 2022 for 1,300 kWh of usage, the resulting Federal Tax Cut credit would decrease from \$28.43 in March 2022 to \$0.13 in April 2022.

Finally, Kentucky Power continues to promote its Average Monthly Payment Plan (AMP) for residential customers, as it helps customers by reducing fluctuations in bills, including fluctuations caused by the Fuel Adjustment Clause. Information about the AMP, and other means of controlling winter bills is available at:

<https://www.kentuckypower.com/account/bills/pay/assistance/winter-bill-help>

I would be pleased to meet with Commission Staff to address the issues contained in this letter. If you have any questions, please contact me at 606-327-2603.

Sincerely,



Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: February 2022

- | | | | |
|---|-----|--------------------|---|
| 1 Fuel Adjustment Clause Factor (Page 1 of 5) | (+) | \$0.01024 | |
| 2 System Sales Clause Factor | (+) | <u>\$0.0001000</u> | * |
| 3 Total Adjustment Clause Factors | | \$0.01034 | |

Effective Month for Billing

April 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

March 21, 2022

* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: February 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$17,045,674</u>		
Sales Sm (Sales Schedule)	468,782,836	(+)	0.03636
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.01024</u></u>

Effective Month for Billing April 2022

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: March 21, 2022

*Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: February 2022

A.	Company Generation			
	Coal Burned	(+)	\$2,309,154	
	Oil Burned	(+)	198,958	
	Gas Burned	(+)	2,304,586	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>4,812,697</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	17,199,456	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>17,199,456</u>	
C.	Inter-System Sales Fuel Costs		<u>1,149,375</u>	
	Sub Total		<u>1,149,375</u>	
D.	Total Fuel Cost (A + B - C)		<u><u>\$20,862,778</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>January 2022</u> and the estimated cost originally reported.			
			<u>\$20,055,154</u>	-
			(actual)	
			<u>\$20,695,135</u>	=
			(estimated)	
				<u>(639,982)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>60,899</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$20,161,898</u>	
H.	Fuel-Related PJM Billing Line Items		<u>February 2022</u>	(116,223)
H1.	Deferral Adjustment to be collected in future months			(\$3,000,000)
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$17,045,674</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: February 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	137,546,000
Purchases Including Interchange In	(+)	<u>385,354,000</u>
Sub Total		522,900,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	25,937,000
System Losses	(+)	<u>28,180,164</u> *
Sub Total		<u>54,117,164</u>
Total Sales (A - B)		<u><u>468,782,836</u></u>

* Does not include 598,836 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: February 2022

Line No.			
1	FAC Rate Billed	(+)	0.00080
2	Retail KWH Billed at Above Rate	(x)	<u>528,021,458</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>422,417</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	459,691,976
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,643,726</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>453,048,250</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		362,439
8	Over or (Under) Recovery (L3 - L7)		59,978
9	Total Sales (Page 3)	(+)	468,782,836
10	Kentucky Jurisdictional Sales	(/)	<u>461,695,267</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01535
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>60,899</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: January 2022**

A. Company Generation					
Coal Burned			(+)	\$5,947,315	
Oil Burned			(+)	231,661	
Gas Burned			(+)	6,920,528	
Fuel (jointly owned plant)			(+)	0	
Fuel (assigned cost during Forced Outage)					
(0 KWH X \$0.000000)			(+)	0	
Fuel (substitute for Forced Outage)			(-)	<u>0</u>	
	Sub-total			<u>13,099,504</u>	
B. Purchases					
Net Energy Cost - Economy Purchases			(+)	0	
Identifiable Fuel Cost - Other Purchases			(+)	13,275,976	
Identifiable Fuel Cost (substitute for Forced Outage)					
(0 KWH X \$0.000000)			(-)	0	
Purchase Adjustment for Peaking Unit Equivalent			(-)	665,115 (1)	
	Sub-total			<u>12,610,862</u>	
C. Inter-System Sales Fuel Costs				<u>5,655,213</u>	
D. SUB-TOTAL FUEL COST (A + B - C)				<u>\$20,055,154</u>	
E. Fuel-Related PJM Billing Line Items				<u>January 2022</u>	(525,969)
F. GRAND TOTAL FUEL COSTS (D + E)				<u><u>\$19,529,185</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.

RECEIVED

FEB 21 2022

PUBLIC SERVICE
COMMISSION



An **AEP** Company

BOUNDLESS ENERGY™

DELIVERED VIA EMAIL TO PSCED@KY.GOV and LINDA.BRIDWELL@KY.GOV

February 21, 2021

Linda C. Bridwell
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
Frankfort, KY 40602-0615

RE: Standard Fuel Adjustment Clause Filing

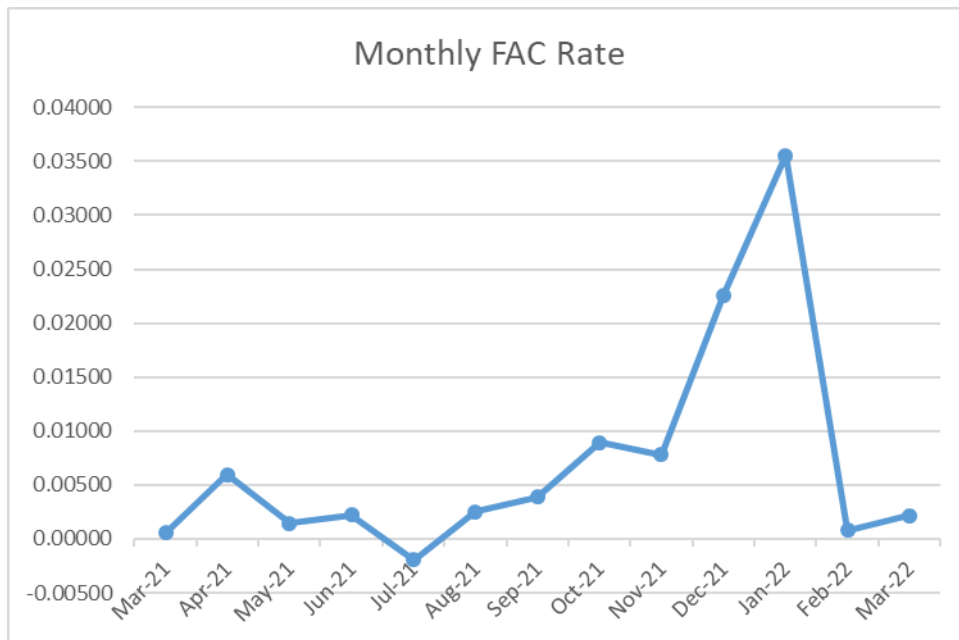
Dear Ms. Bridwell:

Enclosed are Kentucky Power Company's Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the March 2022 billing month. The Company understands that the flowing through of fuel and power costs can be a volatile matter and leave customers confused. However, the Company is happy to report a significant decrease in the fuel factor used to establish fuel costs in this update. The proposed March 2022 FAC factor of \$0.00213/kWh is 94 percent less than the January 2022 factor of \$0.03556/kWh.

In accordance with long-standing practice, the proposed March 2022 factor is calculated using estimated January 2022 fuel costs (as adjusted for December 2021 actual fuel costs) and January 2022 sales. The March 2022 factor is further adjusted to return to customers the January 2022 \$3.2 million over-recovery. The January 2022 over-recovery resulted from a higher-than-typical FAC factor in January 2022 that was caused, in part, by high fuel costs (as more fully explained by the Company's responses to Commission Staff's February 2, 2022 requests for information regarding the fuel adjustment clause factor for December and January billing months, provided by email on February 9, 2022), and higher-than-estimated usage. The fuel system set up in Kentucky allows any unexpected over recovery to be returned to customers quickly in the form of an offset in the going forward fuel factor. The effect of the return to

customers in March 2022 of the January 2022 over-recovery is set to reduce the March 2022 factor by 72 percent from \$0.00762/kWh to the proposed \$0.00213/kWh.

The Company remains concerned about the volatility in Kentucky Power's FAC in recent months. Much of the volatility in the December 2021 through March 2022 FAC billing factors arose as a result of the anomalous October 2021 and November 2021 operating conditions. This volatility is illustrated in the chart below:



Kentucky Power also recognizes the burden such volatility can impose on the Company's customers. To address any future volatility and resulting customer burdens, Kentucky Power proposes the following actions:

(a) Kentucky Power will immediately notify the Commission of any abnormal change in the FAC factor;

(b) In the event there is an abnormal increase, the Company will propose spreading the increase out over a period of months (the specific period to be established later by the Company and approved by the Commission) in order to lessen the immediate burden on customers; and

(c) The Company is undertaking a review of changes in the calculation methodology to reduce monthly volatility in its calculated FAC. The Company will promptly inform the Commission of any reasonable changes that are identified.

Kentucky Power recognizes that the second and third actions also may require deviations from 807 KAR 5:056. The Company will promptly seek all such necessary deviations.

Kentucky Power does have billing programs that can help customers at high bill times. The existing Average Monthly Payment Plan (AMP) can lessen the volatility of customers' bills, including changes in the FAC. Information about the AMP, and other means of controlling high winter electric bills is available on the Company's website at:

<https://www.kentuckypower.com/account/bills/pay/assistance/winter-bill-help>

The Company would be pleased to meet with Commission Staff to address the volatility issues. If you have any questions, please contact me at 606-327-2603.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian K. West", with a long horizontal flourish extending to the right.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: January 2022

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00213
2	System Sales Clause Factor	(+)	<u>\$0.0001000</u> *
3	Total Adjustment Clause Factors		\$0.00223

Effective Month for Billing

March 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

February 21, 2022

* See Form 1.0, 2021 System Sales Clause Update, August 13, 2021 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: January 2022

Fuel Fm (Fuel Cost Schedule)	<u>\$16,324,283</u>		
Sales Sm (Sales Schedule)	577,776,513	(+)	0.02825
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.00213</u></u>

Effective Month for Billing

March 2022

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

February 21, 2022

**Pursuant to PSC Order dated August 2, 2021 in Case No. 2021-00053.*

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: January 2022

A.	Company Generation			
	Coal Burned	(+)	\$5,947,315	
	Oil Burned	(+)	231,661	
	Gas Burned	(+)	6,920,528	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>13,099,504</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	13,275,976	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>13,275,976</u>	
C.	Inter-System Sales Fuel Costs		<u>5,680,345</u>	
	Sub Total		5,680,345	
D.	Total Fuel Cost (A + B - C)		<u><u>\$20,695,135</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>December 2021</u> and the estimated cost originally reported.			
			<u>\$15,295,935</u>	-
			(actual)	
			<u>\$15,972,912</u>	-
			(estimated)	
				=
				<u>(676,977)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>3,167,907</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$16,850,252</u>	
H.	Fuel-Related PJM Billing Line Items			<u>January 2022</u>
				(525,969)
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$16,324,283</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: January 2022**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	439,237,000
Purchases Including Interchange In	(+)	<u>255,014,000</u>
Sub Total		694,251,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	82,158,000
System Losses	(+)	<u>34,316,487</u> *
Sub Total		<u>116,474,487</u>
Total Sales (A - B)		<u><u>577,776,513</u></u>

* Does not include 658,513 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: January 2022

Line No.			
1	FAC Rate Billed	(+)	0.03556
2	Retail KWH Billed at Above Rate	(x)	<u>505,635,457</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>17,980,397</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	424,392,684
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,501,854</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>417,890,830</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		14,860,198
8	Over or (Under) Recovery (L3 - L7)		3,120,199
9	Total Sales (Page 3)	(+)	577,776,513
10	Kentucky Jurisdictional Sales	(/)	<u>569,076,769</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01529
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>3,167,907</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: December 2021

A. Company Generation				
Coal Burned	(+)		\$3,909,132	
Oil Burned	(+)		383,960	
Gas Burned	(+)		1,476,935	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(27,614,950 KWH X \$0.022634)	(+)		625,037	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>6,395,064</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		11,330,496	
Identifiable Fuel Cost (substitute for Forced Outage)				
(27,614,950 KWH X \$0.044556)	(-)		1,230,412	
Purchase Adjustment for Peaking Unit Equivalent	(-)		79,578 (1)	
Sub-total			<u>10,020,507</u>	
C. Inter-System Sales Fuel Costs			<u>1,119,635</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$15,295,935</u>	
E. Fuel-Related PJM Billing Line Items		<u>December 2021</u>	464,595	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$15,760,531</u></u>	

(1) As calculated in accordance with KPSC Order dated October 3, 2002 in Case No. 2000-495-B, and as modified by the Commission's January 18, 2018 Order in Case No. 2017-00179.