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JAN 22 2024

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BOUNDLESS ENERGY™

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January 22, 2024

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 2024 billing month. These calculations are based on estimated December 2023 fuel cost with an adjustment reflecting actual November 2023 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: December 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.01766
2	System Sales Clause Factor	(+)	<u>\$0.00016</u> *
3	Total Adjustment Clause Factors		\$0.01782

Effective Month for Billing

February 2024

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

January 22, 2024

* See Form 1.0, 2023 System Sales Clause Update, August 14, 2023 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: December 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$20,279,217</u>		
Sales Sm (Sales Schedule)	463,175,334	(+)	0.04378
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.01766</u></u>

Effective Month for Billing February 2024

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: January 22, 2024

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

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: December 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	223,088,000
Purchases Including Interchange In	(+)	<u>314,318,000</u>
Sub Total		537,406,000
 B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	52,216,000
System Losses	(+)	<u>22,014,666</u> *
Sub Total		<u>74,230,666</u>
Total Sales (A - B)		<u><u>463,175,334</u></u>

* Does not include 580,334 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: December 2023

Line No.			
1	FAC Rate Billed	(+)	0.00702
2	Retail KWH Billed at Above Rate	(x)	<u>486,349,190</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>3,414,171</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	385,659,292
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,159,996</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>380,499,296</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		2,671,105
8	Over or (Under) Recovery (L3 - L7)		743,066
9	Total Sales (Page 3)	(+)	463,175,334
10	Kentucky Jurisdictional Sales	(/)	<u>456,366,124</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>754,152</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: November 2023**

A. Company Generation			
Coal Burned	(+)	\$2,029,177	
Oil Burned	(+)	325,357	
Gas Burned	(+)	2,404,693	
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>4,759,227</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	11,278,151	
Identifiable Fuel Cost (substitute for Forced Outage)			
(0 KWH X \$0.000000)	(-)	0	
Purchase Adjustment for Peaking Unit Equivalent	(-)	347,865 (1)	
Sub-total		<u>10,930,285</u>	
C. Inter-System Sales Fuel Costs		<u>278,332</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$15,411,181</u>	
E. Fuel-Related PJM Billing Line Items	<u>November 2023</u>	854,432	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$16,265,612</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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DEC 21 2023

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December 21, 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 January 2024 billing month. These calculations are based on estimated November 2023 fuel cost with an adjustment reflecting actual October 2023 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
FUEL ADJUSTMENT CLAUSE SCHEDULE

	Month Ended:	November 2023	
Fuel Fm (Fuel Cost Schedule)	<u>\$15,747,982</u>		
Sales Sm (Sales Schedule)	443,997,586	(+)	0.03547
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.00935</u></u>

Effective Month for Billing January 2024

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: December 21, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: November 2023

A.	Company Generation			
	Coal Burned	(+)	\$2,029,177	
	Oil Burned	(+)	325,357	
	Gas Burned	(+)	2,404,693	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		4,759,227	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	9,831,389	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		9,831,389	
C.	Inter-System Sales Fuel Costs		394,932	
	Sub Total		394,932	
D.	Total Fuel Cost (A + B - C)		\$14,195,684	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>October 2023</u> and the estimated cost originally reported.			
	<u>\$11,866,893</u>	-	<u>\$11,283,779</u>	=
	(actual)		(estimated)	
			583,114	
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		(114,752)	
G.	Grand Total Fuel Cost (D + E - F)		\$14,893,550	
H.	Fuel-Related PJM Billing Line Items	<u>November 2023</u>	854,432	
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		\$15,747,982	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: November 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	130,632,000
Purchases Including Interchange In	(+)	<u>349,965,000</u>
Sub Total		480,597,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	13,786,000
System Losses	(+)	<u>22,813,414</u> *
Sub Total		<u>36,599,414</u>
Total Sales (A - B)		<u><u>443,997,586</u></u>

* Does not include 433,586 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: November 2023

Line
No.

1	FAC Rate Billed	(+)	0.00745
2	Retail KWH Billed at Above Rate	(x)	<u>390,469,701</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>2,908,999</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	411,034,614
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,372,602</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>405,662,012</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		3,022,182
8	Over or (Under) Recovery (L3 - L7)		(113,183)
9	Total Sales (Page 3)	(+)	443,997,586
10	Kentucky Jurisdictional Sales	(/)	<u>437,927,110</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01386
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(114,752)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **October 2023**

A. Company Generation			
Coal Burned	(+)	\$0	
Oil Burned	(+)	0	
Gas Burned	(+)	2,026,821	
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>2,026,821</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	11,030,933	
Identifiable Fuel Cost (substitute for Forced Outage)			
(0 KWH X \$0.000000)	(-)	0	
Purchase Adjustment for Peaking Unit Equivalent	(-)	589,081 (1)	
Sub-total		<u>10,441,852</u>	
C. Inter-System Sales Fuel Costs		<u>601,780</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$11,866,893</u>	
E. Fuel-Related PJM Billing Line Items	<u>October 2023</u>	1,584,959	
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$13,451,852</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 20, 2023

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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 2023 billing month. These calculations are based on estimated October 2023 fuel cost with an adjustment reflecting actual September 2023 fuel costs.

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: October 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00702
2	System Sales Clause Factor	(+)	<u> \$0.00016 </u> *
3	Total Adjustment Clause Factors		\$0.00718

Effective Month for Billing

December 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

November 20, 2023

* See Form 1.0, 2023 System Sales Clause Update, August 14, 2023 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

	Month Ended:	October 2023	
Fuel Fm (Fuel Cost Schedule)	<u>\$12,779,087</u>		
Sales Sm (Sales Schedule)	385,659,292	(+)	0.03314
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.00702</u></u>

Effective Month for Billing December 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: November 20, 2023

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

KENTUCKY POWER COMPANY**ESTIMATED FUEL COST SCHEDULE****Month Ended: October 2023**

A. Company Generation			
Coal Burned	(+)	\$0	
Oil Burned	(+)	0	
Gas Burned	(+)	2,026,821	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)	(+)	0	
Fuel (substitute for Forced Outage)	(-)	0	
Sub Total		<u>2,026,821</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	9,857,847	
Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
Sub Total		<u>9,857,847</u>	
C. Inter-System Sales Fuel Costs		<u>600,889</u>	
Sub Total		<u>600,889</u>	
D. Total Fuel Cost (A + B - C)		<u><u>\$11,283,779</u></u>	
E. Adjustment indicating the difference in actual fuel cost for the month of <u>September 2023</u> and the estimated cost originally reported.			
		<u>\$12,741,612</u>	-
	(actual)		<u>\$13,602,628</u>
			(estimated)
			=
			<u>(861,016)</u>
F. Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(771,365)</u>	
G. Grand Total Fuel Cost (D + E - F)		<u>\$11,194,128</u>	
H. Fuel-Related PJM Billing Line Items	<u>October 2023</u>		1,584,959
I. ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$12,779,087</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: October 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	101,407,000
Purchases Including Interchange In	(+)	<u>321,651,000</u>
Sub Total		423,058,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	17,792,000
System Losses	(+)	<u>19,606,708</u> *
Sub Total		<u>37,398,708</u>
Total Sales (A - B)		<u><u>385,659,292</u></u>

* Does not include 348,292 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: October 2023

Line
No.

1	FAC Rate Billed	(+)	0.00974
2	Retail KWH Billed at Above Rate	(x)	<u>382,542,719</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>3,725,966</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	467,128,731
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,449,962</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>460,678,769</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		4,487,011
8	Over or (Under) Recovery (L3 - L7)		(761,045)
9	Total Sales (Page 3)	(+)	385,659,292
10	Kentucky Jurisdictional Sales	(/)	<u>380,499,296</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01356
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(771,365)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **September 2023**

A. Company Generation				
Coal Burned	(+)		\$3,047,272	
Oil Burned	(+)		52,502	
Gas Burned	(+)		1,494,555	
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>4,594,328</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		9,366,955	
Identifiable Fuel Cost (substitute for Forced Outage)				
(0 KWH X \$0.000000)	(-)		0	
Purchase Adjustment for Peaking Unit Equivalent	(-)		227,713 (1)	
Sub-total			<u>9,139,242</u>	
C. Inter-System Sales Fuel Costs			<u>991,959</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$12,741,612</u>	
E. Fuel-Related PJM Billing Line Items		<u>September 2023</u>	919,976	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$13,661,588</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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Dear Ms. Bridwell:

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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 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00745
2	System Sales Clause Factor	(+)	<u> \$0.00016 </u> *
3	Total Adjustment Clause Factors		\$0.00761

Effective Month for Billing

November 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

October 17, 2023

* See Form 1.0, 2023 System Sales Clause Update, August 14, 2023 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: September 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$13,798,304</u>		
Sales Sm (Sales Schedule)	411,034,614	(+)	0.03357
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.00745</u></u>

Effective Month for Billing November 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: October 17, 2023

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

KENTUCKY POWER COMPANY**ESTIMATED FUEL COST SCHEDULE****Month Ended: September 2023**

A.	Company Generation			
	Coal Burned	(+)	\$3,047,272	
	Oil Burned	(+)	52,502	
	Gas Burned	(+)	1,494,555	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>4,594,328</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	10,000,868	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>10,000,868</u>	
C.	Inter-System Sales Fuel Costs		<u>992,568</u>	
	Sub Total		992,568	
D.	Total Fuel Cost (A + B - C)		<u><u>\$13,602,628</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>August 2023</u> and the estimated cost originally reported.			
			<u>\$15,680,781</u>	-
			(actual)	
			<u>\$16,657,894</u>	=
			(estimated)	
				<u>(977,113)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(252,813)</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$12,878,328</u>	
H.	Fuel-Related PJM Billing Line Items			<u>September 2023</u>
				919,976
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$13,798,304</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: September 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	142,262,000
Purchases Including Interchange In	(+)	<u>305,021,000</u>
Sub Total		447,283,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	13,956,000
System Losses	(+)	<u>22,292,386</u> *
Sub Total		<u>36,248,386</u>
Total Sales (A - B)		<u><u>411,034,614</u></u>

* Does not include 335,614 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: September 2023

Line No.			
1	FAC Rate Billed	(+)	0.00878
2	Retail KWH Billed at Above Rate	(x)	<u>443,924,653</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>3,897,658</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	478,933,865
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,591,282</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>472,342,583</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		4,147,168
8	Over or (Under) Recovery (L3 - L7)		(249,510)
9	Total Sales (Page 3)	(+)	411,034,614
10	Kentucky Jurisdictional Sales	(/)	<u>405,662,012</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01324
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(252,813)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: August 2023

A. Company Generation				
Coal Burned	(+)		\$9,555,066	
Oil Burned	(+)		227,694	
Gas Burned	(+)		2,829,870	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(5,486,470 KWH X \$0.036485)	(+)		200,174	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>12,812,804</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		4,201,704	
Identifiable Fuel Cost (substitute for Forced Outage)				
(5,486,470 KWH X \$0.037185)	(-)		204,014	
Purchase Adjustment for Peaking Unit Equivalent	(-)		63,613 (1)	
Sub-total			<u>3,934,077</u>	
C. Inter-System Sales Fuel Costs			<u>1,066,100</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$15,680,781</u>	
E. Fuel-Related PJM Billing Line Items		<u>August 2023</u>	1,027,360	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$16,708,140</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 28 2023

PUBLIC SERVICE
COMMISSION



An **AEP** Company

BOUNDLESS ENERGY™

DELIVERED VIA EMAIL TO PSCED@KY.GOV

September 28, 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 updated Fuel Adjustment Clause Schedules with supporting sales and fuel cost schedules for the October 2023 billing month. These calculations are based on estimated August 2023 fuel cost with an adjustment reflecting actual July 2023 fuel costs. These schedules should replace those previously provided on September 18, 2023.

This update is necessary because the Tariff System Sales Clause rate is provided within the Summary Form of the Company's Fuel Adjustment Clause Schedules. The Company filed its annual update to Tariff System Sales Clause on August 14, 2023 in the post-case correspondence of Case No. 2020-00174 and through the tariff filing system (TFS2023-00370). On September 27, 2023, the Company received the Commission's acceptance letter approving the new Tariff System Sales Clause rate. Accordingly, the Company is promptly updating its Fuel Adjustment Clause Schedules to incorporate the updated System Sales Clause rate.

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".

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: August 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00974
2	System Sales Clause Factor	(+)	<u>\$0.00016</u> *
3	Total Adjustment Clause Factors		\$0.00990

Effective Month for Billing

October 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

September 18, 2023

* See Form 1.0, 2023 System Sales Clause Update, August 14, 2023 filing in Post-Case Filings, Case No. 2020-00174.

KENTUCKY POWER COMPANY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended: August 2023

Fuel Fm (Fuel Cost Schedule)	\$16,751,171			
Sales Sm (Sales Schedule)	467,128,731	(+)		0.03586
Fuel (Fb)	\$12,810,858			
Sales (Sb)	490,482,730	(-)		0.02612 *
				0.00974

Effective Month for Billing October 2023

Submitted by: (Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: September 18, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: August 2023

A.	Company Generation		
	Coal Burned	(+)	\$9,555,066
	Oil Burned	(+)	227,694
	Gas Burned	(+)	2,829,870
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>12,612,630</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	5,362,326
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>5,362,326</u>
C.	Inter-System Sales Fuel Costs		<u>1,317,062</u>
	Sub Total		1,317,062
D.	Total Fuel Cost (A + B - C)		<u><u>\$16,657,894</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>July 2023</u> and the estimated cost originally reported. <u>\$15,155,431</u> - <u>\$15,803,854</u> = <u>(648,423)</u> (actual) (estimated)		
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>285,660</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$15,723,811</u>
H.	Fuel-Related PJM Billing Line Items <u>August 2023</u>		1,027,360
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$16,751,171</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: August 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	381,388,000
Purchases Including Interchange In	(+)	<u>154,089,000</u>
Sub Total		535,477,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	44,066,000
System Losses	(+)	<u>24,282,269</u> *
Sub Total		<u>68,348,269</u>
Total Sales (A - B)		<u><u>467,128,731</u></u>

* Does not include 327,731 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: August 2023

Line No.			
1	FAC Rate Billed	(+)	0.00625
2	Retail KWH Billed at Above Rate	(x)	<u>457,300,706</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>2,858,129</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	417,684,971
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,458,892</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>412,226,079</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		2,576,413
8	Over or (Under) Recovery (L3 - L7)		281,716
9	Total Sales (Page 3)	(+)	467,128,731
10	Kentucky Jurisdictional Sales	(/)	<u>460,678,769</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01400
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>285,660</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: July 2023

A. Company Generation				
Coal Burned	(+)		\$12,253,058	
Oil Burned	(+)		269,149	
Gas Burned	(+)		3,195,401	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(28,236,585 KWH X \$0.027691)	(+)		781,899	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>16,499,506</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		4,895,716	
Identifiable Fuel Cost (substitute for Forced Outage)				
(28,236,585 KWH X \$0.045772)	(-)		1,292,445	
Purchase Adjustment for Peaking Unit Equivalent	(-)		73,961 (1)	
Sub-total			<u>3,529,310</u>	
C. Inter-System Sales Fuel Costs			<u>4,873,386</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$15,155,431</u>	
E. Fuel-Related PJM Billing Line Items		<u>July 2023</u>	1,188,567	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$16,343,999</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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August 21, 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 September 2023 billing month. These calculations are based on estimated July 2023 fuel cost with an adjustment reflecting actual June 2023 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 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00878
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.00812

Effective Month for Billing

September 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

August 21, 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: July 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$16,716,166</u>		
Sales Sm (Sales Schedule)	<u>478,933,865</u>	(+)	0.03490
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	<u>490,482,730</u>	(-)	<u>0.02612</u> *
			<u><u>0.00878</u></u>

Effective Month for Billing September 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: August 21, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: July 2023

A.	Company Generation		
	Coal Burned	(+)	\$12,253,058
	Oil Burned	(+)	269,149
	Gas Burned	(+)	3,195,401
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>15,717,607</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	5,072,967
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>5,072,967</u>
C.	Inter-System Sales Fuel Costs		<u>4,986,720</u>
	Sub Total		<u>4,986,720</u>
D.	Total Fuel Cost (A + B - C)		<u><u>\$15,803,854</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>June 2023</u> and the estimated cost originally reported.		
	<u>\$12,820,366</u>	-	<u>\$12,907,464</u>
	(actual)		(estimated)
		=	<u>(87,098)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>189,157</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$15,527,599</u>
H.	Fuel-Related PJM Billing Line Items	<u>July 2023</u>	1,188,567
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$16,716,166</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: July 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	511,463,000
Purchases Including Interchange In	(+)	<u>128,348,000</u>
Sub Total		639,811,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	136,516,000
System Losses	(+)	<u>24,361,135</u> *
Sub Total		<u>160,877,135</u>
Total Sales (A - B)		<u><u>478,933,865</u></u>

* Does not include 325,865 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: July 2023

<u>Line</u> <u>No.</u>			
1	FAC Rate Billed	(+)	0.00489
2	Retail KWH Billed at Above Rate	(x)	<u>431,455,321</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>2,109,817</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	398,514,364
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,209,196</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>393,305,168</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		1,923,262
8	Over or (Under) Recovery (L3 - L7)		186,555
9	Total Sales (Page 3)	(+)	478,933,865
10	Kentucky Jurisdictional Sales	(/)	<u>472,342,583</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01395
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>189,157</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **June 2023**

A. Company Generation				
Coal Burned	(+)		\$7,832,660	
Oil Burned	(+)		371,915	
Gas Burned	(+)		2,183,171	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(16,525,323 KWH X \$0.026497)	(+)		437,871	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>10,825,618</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		3,983,060	
Identifiable Fuel Cost (substitute for Forced Outage)				
(16,525,323 KWH X \$0.029798)	(-)		492,422	
Purchase Adjustment for Peaking Unit Equivalent	(-)		22,278 (1)	
Sub-total			<u>3,468,360</u>	
C. Inter-System Sales Fuel Costs			<u>1,473,612</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$12,820,366</u>	
E. Fuel-Related PJM Billing Line Items		<u>June 2023</u>	637,479	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$13,457,845</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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July 21, 2023

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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 2023 billing month. These calculations are based on estimated June 2023 fuel cost with an adjustment reflecting actual May 2023 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 at the end.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: June 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00625
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.00559

Effective Month for Billing

August 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

July 21, 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: June 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$13,521,027</u>		
Sales Sm (Sales Schedule)	417,684,971	(+)	0.03237
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.00625</u></u>

Effective Month for Billing August 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: July 21, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: June 2023

A.	Company Generation			
	Coal Burned	(+)	\$7,832,660	
	Oil Burned	(+)	371,915	
	Gas Burned	(+)	2,183,171	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		10,387,747	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	4,265,257	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		4,265,257	
C.	Inter-System Sales Fuel Costs		1,745,540	
	Sub Total		1,745,540	
D.	Total Fuel Cost (A + B - C)		\$12,907,464	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u> May 2023 </u> and the estimated cost originally reported.			
	<u> \$13,108,361 </u>	-	<u> \$12,995,660 </u>	=
	(actual)		(estimated)	112,701
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		136,617	
G.	Grand Total Fuel Cost (D + E - F)		\$12,883,548	
H.	Fuel-Related PJM Billing Line Items			637,479
	<u> June 2023 </u>			
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		\$13,521,027	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: June 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	322,868,000
Purchases Including Interchange In	(+)	<u>170,792,000</u>
Sub Total		493,660,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	53,798,000
System Losses	(+)	<u>22,177,029</u> *
Sub Total		<u>75,975,029</u>
Total Sales (A - B)		<u><u>417,684,971</u></u>

* Does not include 303,971 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: June 2023

Line No.			
1	FAC Rate Billed	(+)	0.00860
2	Retail KWH Billed at Above Rate	(x)	<u>399,620,595</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>3,436,737</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	388,944,272
5	Non-Jurisdictional KWH Included in L4	(-)	<u>5,001,774</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>383,942,498</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		3,301,905
8	Over or (Under) Recovery (L3 - L7)		134,832
9	Total Sales (Page 3)	(+)	417,684,971
10	Kentucky Jurisdictional Sales	(/)	<u>412,226,079</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01324
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>136,617</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **May 2023**

A. Company Generation				
Coal Burned	(+)		\$3,677,601	
Oil Burned	(+)		423,218	
Gas Burned	(+)		1,656,523	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(38,646,081 KWH X \$0.029378)	(+)		1,135,345	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>6,892,686</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		7,866,212	
Identifiable Fuel Cost (substitute for Forced Outage)				
(38,646,081 KWH X \$0.029789)	(-)		1,151,228	
Purchase Adjustment for Peaking Unit Equivalent	(-)		25,845 (1)	
Sub-total			<u>6,689,138</u>	
C. Inter-System Sales Fuel Costs			<u>473,463</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$13,108,361</u>	
E. Fuel-Related PJM Billing Line Items		<u>May 2023</u>	(772,208)	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$12,336,153</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 July 2023 billing month. These calculations are based on estimated May 2023 fuel cost with an adjustment reflecting actual April 2023 fuel costs.

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: May 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00489
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.00423

Effective Month for Billing

July 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

June 19, 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: May 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$12,359,481</u>		
Sales Sm (Sales Schedule)	398,514,364	(+)	0.03101
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.00489</u></u>

Effective Month for Billing July 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: June 19, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: May 2023

A.	Company Generation			
	Coal Burned	(+)	\$3,677,601	
	Oil Burned	(+)	423,218	
	Gas Burned	(+)	1,656,523	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>5,757,342</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	7,798,248	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>7,798,248</u>	
C.	Inter-System Sales Fuel Costs		<u>559,930</u>	
	Sub Total		559,930	
D.	Total Fuel Cost (A + B - C)		<u><u>\$12,995,660</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>April 2023</u> and the estimated cost originally reported.			
			<u>\$12,793,051</u>	-
			(actual)	
			<u>\$12,780,923</u>	-
			(estimated)	
				=
				<u>12,128</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>(123,902)</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$13,131,690</u>	
H.	Fuel-Related PJM Billing Line Items			
			<u>May 2023</u>	
				<u>(772,208)</u>
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$12,359,481</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: May 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	162,915,000
Purchases Including Interchange In	(+)	<u>281,388,000</u>
Sub Total		444,303,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	22,433,000
System Losses	(+)	<u>23,355,636</u> *
Sub Total		<u>45,788,636</u>
Total Sales (A - B)		<u><u>398,514,364</u></u>

* Does not include 345,364 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: May 2023

Line No.			
1	FAC Rate Billed	(+)	0.00229
2	Retail KWH Billed at Above Rate	(x)	<u>392,087,302</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>897,880</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	451,733,027
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,246,849</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>445,486,178</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		1,020,163
8	Over or (Under) Recovery (L3 - L7)		(122,283)
9	Total Sales (Page 3)	(+)	398,514,364
10	Kentucky Jurisdictional Sales	(/)	<u>393,305,168</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01324
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(123,902)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: April 2023

A. Company Generation				
Coal Burned	(+)		\$2,008,819	
Oil Burned	(+)		288,388	
Gas Burned	(+)		1,257,326	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(102,980 KWH X \$0.036383)	(+)		3,747	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>3,558,281</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		9,498,651	
Identifiable Fuel Cost (substitute for Forced Outage)				
(102,980 KWH X \$0.036383)	(-)		3,747	
Purchase Adjustment for Peaking Unit Equivalent	(-)		0 (1)	
Sub-total			<u>9,494,904</u>	
C. Inter-System Sales Fuel Costs			<u>260,134</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$12,793,051</u>	
E. Fuel-Related PJM Billing Line Items		<u>April 2023</u>	804,948	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$13,597,999</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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MAY 22 2023

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COMMISSION



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DELIVERED VIA EMAIL TO PSCED@KY.GOV

May 22, 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 June 2023 billing month. These calculations are based on estimated April 2023 fuel cost with an adjustment reflecting actual March 2023 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 at the end.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: April 2023

1 Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00860
2 System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3 Total Adjustment Clause Factors		\$0.00794

Effective Month for Billing

June 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

May 22, 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: April 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$13,502,238</u>		
Sales Sm (Sales Schedule)	388,944,272	(+)	0.03472
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>0.00860</u></u>

Effective Month for Billing June 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: May 22, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: April 2023

A.	Company Generation			
	Coal Burned	(+)	\$2,008,819	
	Oil Burned	(+)	288,388	
	Gas Burned	(+)	1,257,326	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>3,554,534</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	9,498,651	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>9,498,651</u>	
C.	Inter-System Sales Fuel Costs		<u>272,262</u>	
	Sub Total		<u>272,262</u>	
D.	Total Fuel Cost (A + B - C)		<u><u>\$12,780,923</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>March 2023</u> and the estimated cost originally reported.			
			<u>\$13,476,757</u>	-
			(actual)	
			<u>\$13,510,183</u>	=
			(estimated)	
				<u>(33,426)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>50,207</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$12,697,290</u>	
H.	Fuel-Related PJM Billing Line Items			
			<u>April 2023</u>	
				804,948
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$13,502,238</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: April 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	102,677,000
Purchases Including Interchange In	(+)	<u>314,286,000</u>
Sub Total		416,963,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	8,411,000
System Losses	(+)	<u>19,607,728</u> *
Sub Total		<u>28,018,728</u>
Total Sales (A - B)		<u><u>388,944,272</u></u>

* Does not include 431,272 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: April 2023

Line No.			
1	FAC Rate Billed	(+)	0.01683
2	Retail KWH Billed at Above Rate	(x)	<u>418,054,513</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>7,035,857</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	421,121,053
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,011,395</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>415,109,658</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		6,986,296
8	Over or (Under) Recovery (L3 - L7)		49,561
9	Total Sales (Page 3)	(+)	388,944,272
10	Kentucky Jurisdictional Sales	(/)	<u>383,942,498</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01303
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>50,207</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **March 2023**

A. Company Generation				
Coal Burned	(+)			\$6,740,327
Oil Burned	(+)			160,547
Gas Burned	(+)			3,391,903
Fuel (jointly owned plant)	(+)			0
Fuel (assigned cost during Forced Outage)				
(1,551,390 KWH X \$0.029207)	(+)			45,311
Fuel (substitute for Forced Outage)	(-)			<u>0</u>
Sub-total				<u>10,338,088</u>
B. Purchases				
Net Energy Cost - Economy Purchases	(+)			0
Identifiable Fuel Cost - Other Purchases	(+)			4,015,327
Identifiable Fuel Cost (substitute for Forced Outage)				
(1,551,390 KWH X \$0.030415)	(-)			47,186
Purchase Adjustment for Peaking Unit Equivalent	(-)			88,849 (1)
Sub-total				<u>3,879,293</u>
C. Inter-System Sales Fuel Costs				<u>740,624</u>
D. SUB-TOTAL FUEL COST (A + B - C)				<u>\$13,476,757</u>
E. Fuel-Related PJM Billing Line Items		<u>March 2023</u>		784,504
F. GRAND TOTAL FUEL COSTS (D + E)				<u><u>\$14,261,261</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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April 21, 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 May 2023 billing month. These calculations are based on estimated March 2023 fuel cost with an adjustment reflecting actual February 2023 fuel costs.

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, sweeping underline.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES


Month Ended: March 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00229
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.00163

Effective Month for Billing

May 2023

Submitted by:


(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

April 21, 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

ESTIMATED FUEL COST SCHEDULE

Month Ended: March 2023

A.	Company Generation		
	Coal Burned	(+)	\$6,740,327
	Oil Burned	(+)	160,547
	Gas Burned	(+)	3,391,902
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>10,292,777</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	4,073,187
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>4,073,187</u>
C.	Inter-System Sales Fuel Costs		<u>855,781</u>
	Sub Total		855,781
D.	Total Fuel Cost (A + B - C)		<u><u>\$13,510,183</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>February 2023</u> and the estimated cost originally reported.		
	<u>\$14,694,054</u>	-	<u>\$14,980,633</u>
	(actual)		(estimated)
		=	<u>(286,579)</u>
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>1,176,376</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$12,047,228</u>
H.	Fuel-Related PJM Billing Line Items	<u>March 2023</u>	784,504
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$12,831,732</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: March 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	362,421,000
Purchases Including Interchange In	(+)	<u>144,299,000</u>
Sub Total		506,720,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	31,841,000
System Losses	(+)	<u>23,145,973</u> *
Sub Total		<u>54,986,973</u>
Total Sales (A - B)		<u><u>451,733,027</u></u>

* Does not include 489,027 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: March 2023

Line No.			
1	FAC Rate Billed	(+)	(0.01888)
2	Retail KWH Billed at Above Rate	(x)	<u>431,163,653</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>(8,140,370)</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	499,846,850
5	Non-Jurisdictional KWH Included in L4	(-)	<u>7,236,602</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>492,610,248</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		(9,300,481)
8	Over or (Under) Recovery (L3 - L7)		1,160,111
9	Total Sales (Page 3)	(+)	451,733,027
10	Kentucky Jurisdictional Sales	(/)	<u>445,486,178</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01402
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>1,176,376</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULE

Month Ended: February 2023

A. Company Generation				
Coal Burned	(+)		\$6,587,292	
Oil Burned	(+)		(36,640)	
Gas Burned	(+)		4,383,286	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(931,650 KWH X \$0.037255)	(+)		34,709	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>10,968,647</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		4,599,403	
Identifiable Fuel Cost (substitute for Forced Outage)				
(931,650 KWH X \$0.044963)	(-)		41,890	
Purchase Adjustment for Peaking Unit Equivalent	(-)		277,294 (1)	
Sub-total			<u>4,280,219</u>	
C. Inter-System Sales Fuel Costs			<u>554,812</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$14,694,054</u>	
E. Fuel-Related PJM Billing Line Items		<u>February 2023</u>	(105,272)	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$14,588,781</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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March 20, 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 April 2023 billing month. These calculations are based on estimated February 2023 fuel cost with an adjustment reflecting actual January 2023 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 at the end.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: February 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.01683
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		\$0.01617

Effective Month for Billing

April 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

March 20, 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: February 2023

Fuel Fm (Fuel Cost Schedule)	\$18,085,510		
Sales Sm (Sales Schedule)	421,121,053	(+)	0.04295
Fuel (Fb)	\$12,810,858		
Sales (Sb)	490,482,730	(-)	0.02612 *
			0.01683

Effective Month for Billing April 2023

Submitted by: 

 (Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: March 20, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: February 2023

A. Company Generation			
Coal Burned	(+)	\$6,587,292	
Oil Burned	(+)	(36,640)	
Gas Burned	(+)	4,383,286	
Fuel (jointly owned plant)	(+)	0	
Fuel (assigned cost during Forced Outage)	(+)	0	
Fuel (substitute for Forced Outage)	(-)	0	
Sub Total			<u>10,933,939</u>
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	4,599,403	
Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
Sub Total			<u>4,599,403</u>
C. Inter-System Sales Fuel Costs			<u>552,709</u>
Sub Total			<u>552,709</u>
D. Total Fuel Cost (A + B - C)			<u><u>\$14,980,633</u></u>
E. Adjustment indicating the difference in actual fuel cost for the month of <u>January 2023</u> and the estimated cost originally reported.			
		<u>\$20,353,775</u>	-
		(actual)	<u>\$20,340,009</u>
			(estimated)
			=
			<u>13,766</u>
F. Total Company Over or (Under) Recovery from Page 4, Line 12			<u>(3,196,384)</u>
G. Grand Total Fuel Cost (D + E - F)			<u>\$18,190,783</u>
H. Fuel-Related PJM Billing Line Items		<u>February 2023</u>	(105,272)
I. ADJUSTED GRAND TOTAL FUEL COSTS (G + H)			<u><u>\$18,085,510</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: February 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	317,934,000
Purchases Including Interchange In	(+)	<u>140,551,000</u>
Sub Total		458,485,000
B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	14,970,000
System Losses	(+)	<u>22,393,947</u> *
Sub Total		<u>37,363,947</u>
Total Sales (A - B)		<u><u>421,121,053</u></u>

* Does not include 611,053 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: February 2023

Line No.			
1	FAC Rate Billed	(+)	0.05113
2	Retail KWH Billed at Above Rate	(x)	<u>461,611,640</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>23,602,203</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	530,871,212
5	Non-Jurisdictional KWH Included in L4	(-)	<u>7,637,016</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>523,234,196</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		26,752,964
8	Over or (Under) Recovery (L3 - L7)		(3,150,761)
9	Total Sales (Page 3)	(+)	421,121,053
10	Kentucky Jurisdictional Sales	(/)	<u>415,109,658</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01448
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>(3,196,384)</u></u>

KENTUCKY POWER COMPANY

FINAL
FUEL COST SCHEDULEMonth Ended: **January 2023**

A. Company Generation				
Coal Burned	(+)		\$518,411	
Oil Burned	(+)		828,923	
Gas Burned	(+)		2,371,055	
Fuel (jointly owned plant)	(+)		0	
Fuel (assigned cost during Forced Outage)				
(43,979,907 KWH X \$0.029871)	(+)		1,313,724	
Fuel (substitute for Forced Outage)	(-)		<u>0</u>	
Sub-total			<u>5,032,113</u>	
B. Purchases				
Net Energy Cost - Economy Purchases	(+)		0	
Identifiable Fuel Cost - Other Purchases	(+)		17,853,166	
Identifiable Fuel Cost (substitute for Forced Outage)				
(43,979,907 KWH X \$0.029871)	(-)		1,313,724	
Purchase Adjustment for Peaking Unit Equivalent	(-)		38,213 (1)	
Sub-total			<u>16,501,229</u>	
C. Inter-System Sales Fuel Costs			<u>1,179,567</u>	
D. SUB-TOTAL FUEL COST (A + B - C)			<u>\$20,353,775</u>	
E. Fuel-Related PJM Billing Line Items		<u>January 2023</u>	509,278	
F. GRAND TOTAL FUEL COSTS (D + E)			<u><u>\$20,863,053</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 and LINDA.BRIDWELL@KY.GOV

February 20, 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 March 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 March 2023 billing month.

Kentucky Power's calculated FAC factor for March 2023 billings (based on January 2023 estimated fuel costs) is a credit of (\$0.01888)/kWh (total adjustment factor is a credit of (\$0.01954)/kWh) as compared to the February 2023 (based on December 2022 estimated fuel costs) factor of \$0.05113/kWh (total adjustment factor of \$0.05047/kWh). The Company estimates that the average customer using 1,300 kWh will see a credit on their bill of approximately \$24.54.

The decrease in the fuel adjustment clause factor principally results from the exclusion from recovery through the FAC of \$11.5 million of non-economic purchased power cost incurred during the month of December 2022, including the period when temperatures dipped below freezing for several days and, at certain times, below zero. Also contributing to the credit was the fact that actual kWh sales in January 2023 were significantly higher than those used in

accordance with the Commission prescribed methodology to calculate the January FAC factor. That true-up is reflected in this month's fuel adjustment clause factor.

The Company continues to review 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 offers billing programs to 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,

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

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: January 2023

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	(\$0.01888)
2	System Sales Clause Factor	(+)	<u>(\$0.00066)</u> *
3	Total Adjustment Clause Factors		(\$0.01954)

Effective Month for Billing

March 2023

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

February 20, 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: January 2023

Fuel Fm (Fuel Cost Schedule)	<u>\$3,617,877</u>		
Sales Sm (Sales Schedule)	499,846,850	(+)	0.00724
Fuel (Fb)	<u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612</u> *
			<u><u>(0.01888)</u></u>

Effective Month for Billing March 2023

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: February 20, 2023

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

KENTUCKY POWER COMPANY

ESTIMATED FUEL COST SCHEDULE

Month Ended: January 2023

A.	Company Generation			
	Coal Burned	(+)	\$518,411	
	Oil Burned	(+)	828,923	
	Gas Burned	(+)	2,371,055	
	Fuel (jointly owned plant)	(+)	0	
	Fuel (assigned cost during Forced Outage)	(+)	0	
	Fuel (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>3,718,389</u>	
B.	Purchases			
	Net Energy Cost - Economy Purchases	(+)	0	
	Identifiable Fuel Cost - Other Purchases	(+)	18,050,357	
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0	
	Sub Total		<u>18,050,357</u>	
C.	Inter-System Sales Fuel Costs		<u>1,428,737</u>	
	Sub Total		<u>1,428,737</u>	
D.	Total Fuel Cost (A + B - C)		<u><u>\$20,340,009</u></u>	
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>December 2022</u> and the estimated cost originally reported. <u>\$30,994,194</u> - <u>\$43,781,902</u> = <u>(12,787,708)</u> (actual) (estimated)			
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>4,443,701</u>	
G.	Grand Total Fuel Cost (D + E - F)		<u>\$3,108,600</u>	
H.	Fuel-Related PJM Billing Line Items		<u>509,278</u>	<u>January 2023</u>
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$3,617,877</u></u>	

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: January 2023**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	77,204,000
Purchases Including Interchange In	(+)	<u>487,037,000</u>
Sub Total		564,241,000
 B. Pumped Storage Energy	 (+)	 0
Inter-System Sales Including Interchange Out	(+)	36,825,000
System Losses	(+)	<u>27,569,150</u> *
Sub Total		<u>64,394,150</u>
Total Sales (A - B)		<u><u>499,846,850</u></u>

* Does not include 694,850 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: January 2023

Line No.			
1	FAC Rate Billed	(+)	0.03783
2	Retail KWH Billed at Above Rate	(x)	<u>550,260,592</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>20,816,358</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	440,706,130
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,209,958</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>434,496,172</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		16,436,990
8	Over or (Under) Recovery (L3 - L7)		4,379,368
9	Total Sales (Page 3)	(+)	499,846,850
10	Kentucky Jurisdictional Sales	(/)	<u>492,610,248</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01469
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>4,443,701</u></u>

KENTUCKY POWER COMPANY

FINAL
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)			
(52,445,043 KWH X \$0.043053)	(+)	2,257,916	
Fuel (substitute for Forced Outage)	(-)	<u>0</u>	
Sub-total		<u>10,885,502</u>	
B. Purchases			
Net Energy Cost - Economy Purchases	(+)	0	
Identifiable Fuel Cost - Other Purchases	(+)	36,906,627	
Identifiable Fuel Cost (substitute for Forced Outage)			
(52,445,043 KWH X \$0.067242)	(-)	3,526,510	
Purchase Adjustment for Peaking Unit Equivalent	(-)	11,519,695 (1)	
Sub-total		<u>21,860,422</u>	
C. Inter-System Sales Fuel Costs		<u>1,751,731</u>	
D. SUB-TOTAL FUEL COST (A + B - C)		<u>\$30,994,194</u>	
E. Fuel-Related PJM Billing Line Items			
		<u>December 2022</u>	1,302,348
F. GRAND TOTAL FUEL COSTS (D + E)		<u><u>\$32,296,542</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.