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PUBLIC SERVICE
COMMISSION

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March 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 April 2024 billing month. These calculations are based on estimated February 2024 fuel cost with an adjustment reflecting actual January 2024 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 in a cursive style.

Brian K. West
Vice President, Regulatory & Finance
Enclosure

KENTUCKY POWER COMPANY
SUMMARY OF ADJUSTMENT CLAUSES

Month Ended: February 2024

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.00868
2	System Sales Clause Factor	(+)	<u>\$0.00016</u> *
3	Total Adjustment Clause Factors		\$0.00884

Effective Month for Billing

April 2024

Submitted by:



(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

March 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: February 2024

Fuel Fm (Fuel Cost Schedule)	<u>\$15,182,357</u>		
Sales Sm (Sales Schedule)	436,331,073	(+)	0.03480
 Fuel (Fb)	 <u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.00868</u></u>

Effective Month for Billing April 2024

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: March 22, 2024

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

KENTUCKY POWER COMPANY**ESTIMATED FUEL COST SCHEDULE****Month Ended: February 2024**

A.	Company Generation		
	Coal Burned	(+)	\$8,255,204
	Oil Burned	(+)	532,032
	Gas Burned	(+)	4,473,681
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>13,260,917</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	6,519,881
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>6,519,881</u>
C.	Inter-System Sales Fuel Costs		<u>842,803</u>
	Sub Total		<u>842,803</u>
D.	Total Fuel Cost (A + B - C)		<u><u>\$18,937,995</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>January 2024</u> and the estimated cost originally reported. <u>\$23,775,537</u> - <u>\$27,396,178</u> = <u>(3,620,641)</u> (actual) (estimated)		
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>569,304</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$14,748,050</u>
H.	Fuel-Related PJM Billing Line Items <u>February 2024</u>		434,306
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$15,182,357</u></u>

KENTUCKY POWER COMPANY**SALES SCHEDULE****Month Ended: February 2024**

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	265,685,000
Purchases Including Interchange In	(+)	<u>233,686,000</u>
Sub Total		499,371,000
 B. Pumped Storage Energy	(+)	 0
Inter-System Sales Including Interchange Out	(+)	38,386,000
System Losses	(+)	<u>24,653,927</u> *
Sub Total		<u>63,039,927</u>
 Total Sales (A - B)		 <u><u>436,331,073</u></u>

* Does not include 603,073 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: February 2024

Line
No.

1	FAC Rate Billed	(+)	0.01766
2	Retail KWH Billed at Above Rate	(x)	<u>488,138,208</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>8,620,521</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	463,175,334
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,809,210</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>456,366,124</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		8,059,426
8	Over or (Under) Recovery (L3 - L7)		561,095
9	Total Sales (Page 3)	(+)	436,331,073
10	Kentucky Jurisdictional Sales	(/)	<u>430,039,328</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01463
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>569,304</u></u>

KENTUCKY POWER COMPANY**FINAL
FUEL COST SCHEDULE****Month Ended: January 2024**

A. Company Generation					
Coal Burned				(+)	\$6,815,301
Oil Burned				(+)	209,165
Gas Burned				(+)	3,597,124
Fuel (jointly owned plant)				(+)	0
Fuel (assigned cost during Forced Outage)					
(154,591,840	KWH X	\$0.040460)	(+) 6,254,786
Fuel (substitute for Forced Outage)				(-)	<u>0</u>
Sub-total					<u>16,876,375</u>
B. Purchases					
Net Energy Cost - Economy Purchases				(+)	0
Identifiable Fuel Cost - Other Purchases				(+)	16,505,193
Identifiable Fuel Cost (substitute for Forced Outage)					
(154,591,840	KWH X	\$0.055655)	(-) 8,603,809
Purchase Adjustment for Peaking Unit Equivalent				(-)	526,130 (1)
Sub-total					<u>7,375,254</u>
C. Inter-System Sales Fuel Costs					<u>476,092</u>
D. SUB-TOTAL FUEL COST (A + B - C)					<u>\$23,775,537</u>
E. Fuel-Related PJM Billing Line Items				<u>January 2024</u>	409,542
F. GRAND TOTAL FUEL COSTS (D + E)					<u><u>\$24,185,079</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 March 2024 billing month. These calculations are based on estimated January 2024 fuel cost with an adjustment reflecting actual December 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 stylized, 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: January 2024

1	Fuel Adjustment Clause Factor (Page 1 of 5)	(+)	\$0.01396
2	System Sales Clause Factor	(+) <u> \$0.00016 </u>	*
3	Total Adjustment Clause Factors		\$0.01412

Effective Month for Billing

March 2024

Submitted by:


(Signature)

Title:

Vice President, Regulatory & Finance

Date Submitted:

February 19, 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: January 2024

Fuel Fm (Fuel Cost Schedule)	<u>\$24,750,930</u>		
Sales Sm (Sales Schedule)	617,468,853	(+)	0.04008
 Fuel (Fb)	 <u>\$12,810,858</u>		
Sales (Sb)	490,482,730	(-)	<u>0.02612 *</u>
			<u><u>0.01396</u></u>

Effective Month for Billing March 2024

Submitted by: 
(Signature)

Title: Vice President, Regulatory & Finance

Date Submitted: February 19, 2024

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

KENTUCKY POWER COMPANY**ESTIMATED FUEL COST SCHEDULE****Month Ended: January 2024**

A.	Company Generation		
	Coal Burned	(+)	\$6,815,301
	Oil Burned	(+)	209,165
	Gas Burned	(+)	3,597,124
	Fuel (jointly owned plant)	(+)	0
	Fuel (assigned cost during Forced Outage)	(+)	0
	Fuel (substitute for Forced Outage)	(-)	0
	Sub Total		<u>10,621,590</u>
B.	Purchases		
	Net Energy Cost - Economy Purchases	(+)	0
	Identifiable Fuel Cost - Other Purchases	(+)	17,226,102
	Identifiable Fuel Cost (substitute for Forced Outage)	(-)	0
	Sub Total		<u>17,226,102</u>
C.	Inter-System Sales Fuel Costs		<u>451,514</u>
	Sub Total		<u>451,514</u>
D.	Total Fuel Cost (A + B - C)		<u><u>\$27,396,178</u></u>
E.	Adjustment indicating the difference in actual fuel cost for the month of <u>December 2023</u> and the estimated cost originally reported. <u>\$17,193,346</u> - <u>\$19,215,556</u> = <u>(2,022,210)</u> (actual) (estimated)		
F.	Total Company Over or (Under) Recovery from Page 4, Line 12		<u>1,032,580</u>
G.	Grand Total Fuel Cost (D + E - F)		<u>\$24,341,388</u>
H.	Fuel-Related PJM Billing Line Items <u>January 2024</u>		409,542
I.	ADJUSTED GRAND TOTAL FUEL COSTS (G + H)		<u><u>\$24,750,930</u></u>

KENTUCKY POWER COMPANY

SALES SCHEDULE

Month Ended: January 2024

		<u>Kilowatt-Hours</u>
A. Generation (Net)	(+)	279,510,000
Purchases Including Interchange In	(+)	<u>344,816,000</u>
Sub Total		624,326,000
 B. Pumped Storage Energy	(+)	0
Inter-System Sales Including Interchange Out	(+)	(29,247,000)
System Losses	(+)	<u>36,104,147</u> *
Sub Total		<u>6,857,147</u>
 Total Sales (A - B)		<u><u>617,468,853</u></u>

* Does not include 704,853 KWH of company usage.

KENTUCKY POWER COMPANY
OVER OR (UNDER) RECOVERY SCHEDULE

Month Ended: January 2024

Line
No.

1	FAC Rate Billed	(+)	0.00935
2	Retail KWH Billed at Above Rate	(x)	<u>546,889,251</u>
3	FAC Revenue/(Refund) (L1 * L2)		<u>5,113,414</u>
4	KWH Used to Determine Last FAC Rate Billed	(+)	443,997,586
5	Non-Jurisdictional KWH Included in L4	(-)	<u>6,070,476</u>
6	Kentucky Jurisdictional KWH Included in L4 (L4 - L5)		<u>437,927,110</u>
7	Recoverable FAC Revenue/(Refund) (L1 * L6)		4,094,618
8	Over or (Under) Recovery (L3 - L7)		1,018,796
9	Total Sales (Page 3)	(+)	617,468,853
10	Kentucky Jurisdictional Sales	(/)	<u>609,228,451</u>
11	Ratio of Total Sales to KY. Jurisdictional Sales (L9 / L10)		1.01353
12	Total Company Over or (Under) Recovery (L8 * L11)		<u><u>1,032,580</u></u>

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

A. Company Generation						
Coal Burned				(+)	\$5,926,775	
Oil Burned				(+)	445,711	
Gas Burned				(+)	2,781,793	
Fuel (jointly owned plant)				(+)	0	
Fuel (assigned cost during Forced Outage)						
(35,957,000	KWH	X	\$0.026414	(+)	949,768	
Fuel (substitute for Forced Outage)				(-)	<u>0</u>	
Sub-total						<u>10,104,047</u>
B. Purchases						
Net Energy Cost - Economy Purchases				(+)	0	
Identifiable Fuel Cost - Other Purchases				(+)	8,455,526	
Identifiable Fuel Cost (substitute for Forced Outage)						
(35,957,000	KWH	X	\$0.027373	(-)	984,251	
Purchase Adjustment for Peaking Unit Equivalent				(-)	34,324	(1)
Sub-total						<u>7,436,951</u>
C. Inter-System Sales Fuel Costs						<u>347,652</u>
D. SUB-TOTAL FUEL COST (A + B - C)						<u>\$17,193,346</u>
E. Fuel-Related PJM Billing Line Items					<u>December 2023</u>	602,316
F. GRAND TOTAL FUEL COSTS (D + E)						<u><u>\$17,795,663</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.