



139 East Fourth Street
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Cincinnati, Ohio 45201-0960
Tel: 513-287-2545
Libbie.Miller@duke-energy.com

Libbie S. Miller
Rates & Regulatory Manager

January 22, 2024

Ms. Linda Bridwell, Executive Director

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

JAN 22 2024

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with KAR 807 5:056, enclosed for filing are the fuel adjustment clause (FAC) schedules with supporting sales and fuel cost schedules supporting Duke Energy Kentucky's fuel adjustment factor applicable to billings for retail sales in February 2024.

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **December 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 9,745,973.62	
2	Sales S_m (Schedule 3, Line C)	÷ 315,442,468	0.030896
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057		(-) <u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.005495</u></u>

Effective Date for Billing: February 1, 2024

Submitted by: /s/ Libbie Miller

Title: Rates & Regulatory Manager

Date Submitted: January 22, 2024

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: December 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 9,187,087.08
Oil Burned	(+)	152,084.27
Gas Burned	(+)	804,429.50
Net Fuel Related RTO Billing Line Items	(-)	202,742.54
Fuel (assigned cost during Forced Outage ^(a))	(+)	73,554.50
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 10,014,412.81</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,197,762.91
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	73,554.50
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 1,124,208.41</u>
C. Non-Native Sales Fuel Costs	(-)	<u>\$ 885,317.41</u>
D. Total Fuel Costs (A + B - C)	(+)	\$ 10,253,303.81
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)	\$ 313,917.86
F. Adjustment indicating the difference in actual fuel cost for the month of November 2023 and the estimated cost originally reported \$10,920,058.75 - \$11,067,922.79	(+)	\$ (147,864.04)
(actual) (estimate)		
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)	\$ (45,548.29)
H. Prior Period Correction	(+)	\$ -
I. Deferral of Current Purchased Power Costs	(-)	\$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+)	\$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)		<u><u>\$ 9,745,973.62</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: December 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	309,018,000
<u>Purchases Including Interchange-In</u>	(+)	<u>44,444,870</u>
Sub-Total		<u>353,462,870</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	21,767,320
<u>System Losses (331,695,550 KWH times 4.9% ^(a))</u>	(+)	<u>16,253,082</u>
Sub-Total		<u>38,020,402</u>
 C. Total Sales (A - B)		 <u><u>315,442,468</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: November 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	6,251,483.31
Oil Burned	(+)		1,148,540.34
Gas Burned	(+)		1,024,274.20
Net Fuel Related RTO Billing Line Items	(-)		563,595.35
Fuel (assigned cost during Forced Outage ^(a))	(+)		623,532.58
Fuel (substitute cost during Forced Outage ^(a))	(-)		131,296.99
Sub-Total		\$	8,352,938.09
B. Purchases			
Economy Purchases	(+)	\$	3,890,632.72
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)		492,235.59
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	3,398,397.13
C. Non-Native Sales Fuel Costs	(-)		\$831,276.47
D. Total Fuel Costs (A + B - C)		\$	10,920,058.75

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: October 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.011117
2	Retail kWh Billed at Above Rate	(x)	<u>309,062,272</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 3,435,845.28</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	280,824,631
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>280,824,631</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,121,927.42
8	Over or (Under) (Line 3 - Line 7)		\$ 313,917.86
9	Total Sales (Schedule 3, Line C)	(-)	315,442,468
10	Kentucky Jurisdictional Sales	(+)	<u>315,442,468</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 313,917.86
13	Amount Over or (Under) Recovered in prior filings	(+)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 313,917.86</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: August 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 9,803,648.31
Oil Burned	(+)	326,575.81
Gas Burned	(+)	600,000.00
Net Fuel Related RTO Billing Line Items	(-)	157,380.27
Fuel (assigned cost during Forced Outage ^(a))	(+)	38,453.02
Fuel (substitute cost during Forced Outage ^(a))	(-)	5,408.20
Sub-Total		<u>\$ 10,605,888.67</u>
B. Purchases		
Economy Purchases	(+)	\$ 3,732,512.03
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	33,044.82
Less purchases above highest cost units	(-)	
Sub-Total		<u>\$ 3,699,467.21</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 401,459.41
D. Total Fuel Costs (A + B - C)		<u>\$ 13,903,896.47</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 13,949,444.76
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ (45,548.29)</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

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Sincerely,

/s/ Libbie S. Miller

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**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **November 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 11,350,481.41	
2	Sales S_m (Schedule 3, Line C)	÷ 283,967,737	0.039971
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057		(-) <u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.014570</u></u>

Effective Date for Billing: January 2, 2024

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: December 15, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: November 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 6,251,483.54
Oil Burned	(+) 1,148,540.34
Gas Burned	(+) 1,024,274.20
Net Fuel Related RTO Billing Line Items	(-) 344,716.24
Fuel (assigned cost during Forced Outage ^(a))	(+) 28,627.62
Fuel (substitute cost during Forced Outage ^(a))	(-) -
Sub-Total	<u>\$ 8,108,209.46</u>
B. Purchases	
Economy Purchases	(+) \$ 3,790,022.19
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) 28,627.62
Less purchases above highest cost units	(-) -
Sub-Total	<u>\$ 3,761,394.57</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 801,681.24</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 11,067,922.79
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (484,805.65)
F. Adjustment indicating the difference in actual fuel cost for the month of October 2023 and the estimated cost originally reported \$9,223,227.26 - \$9,473,335.66	(+) \$ (250,108.40)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ 47,861.37
H. Prior Period Correction	(+) \$ -
I. Deferral of Current Purchased Power Costs	(-) \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+) \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 11,350,481.41</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: November 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	199,182,000
<u>Purchases Including Interchange-In</u>	(+)	<u>119,662,470</u>
Sub-Total		<u>318,844,470</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	17,392,520
<u>System Losses (301,451,950 KWH times 5.8% ^(a))</u>	(+)	<u>17,484,213</u>
Sub-Total		<u>34,876,733</u>
 C. Total Sales (A - B)		<u><u>283,967,737</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: October 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	(507,497.69) ^(b)
Oil Burned	(+)		158,380.08
Gas Burned	(+)		897,608.40
Net Fuel Related RTO Billing Line Items	(-)		1,028,813.80
Fuel (assigned cost during Forced Outage ^(a))	(+)		0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)		0.00
Sub-Total		\$	(480,323.01)
B. Purchases			
Economy Purchases	(+)	\$	9,704,376.02
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	9,704,376.02
C. Non-Native Sales Fuel Costs	(-)		\$825.75
D. Total Fuel Costs (A + B - C)		\$	9,223,227.26

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

^(b) Coal inventory adjustment made at the end of September was not recorded on the general ledger until October due to timing.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: September 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.009404
2	Retail kWh Billed at Above Rate	(x)	<u>268,368,537</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 2,523,737.73</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	319,921,669
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>319,921,669</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$	3,008,543.38
8	Over or (Under) (Line 3 - Line 7)	\$	(484,805.65)
9	Total Sales (Schedule 3, Line C)	(-)	283,967,737
10	Kentucky Jurisdictional Sales	(+)	<u>283,967,737</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+) \$	(484,805.65)
13	Amount Over or (Under) Recovered in prior filings	(+) \$	-
14	Total Company Over or (Under) Recovery		<u><u>\$ (484,805.65)</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: July 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 11,627,136.26
Oil Burned	(+)	191,881.96
Gas Burned	(+)	965,000.00
Net Fuel Related RTO Billing Line Items	(-)	730,598.55
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 12,053,419.67</u>
B. Purchases		
Economy Purchases	(+)	\$ 2,861,936.73
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	188,972.78
Sub-Total		<u>\$ 2,672,963.95</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 632,269.61
D. Total Fuel Costs (A + B - C)		<u>\$ 14,094,114.01</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 14,046,252.64
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ 47,861.37</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

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**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **October 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 10,255,102.43	
2	Sales S_m (Schedule 3, Line C)	÷ 280,824,631	0.036518
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.011117</u></u>

Effective Date for Billing: December 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: November 17, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: October 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+ \$ (507,497.38) ^(b)
Oil Burned	(+ 158,380.08
Gas Burned	(+ 897,608.40
Net Fuel Related RTO Billing Line Items	(- 712,067.65
Fuel (assigned cost during Forced Outage ^(a))	(+ -
Fuel (substitute cost during Forced Outage ^(a))	(- -
Sub-Total	<u>\$ (163,576.55)</u>
B. Purchases	
Economy Purchases	(+ \$ 9,638,404.42
Other Purchases	(+ -
Other Purchases (substitute for Forced Outage ^(a))	(- -
Less purchases above highest cost units	(- -
Sub-Total	<u>\$ 9,638,404.42</u>
C. Non-Native Sales Fuel Costs	(- \$ 1,492.21
D. Total Fuel Costs (A + B - C)	(+ \$ 9,473,335.66
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(- \$ (824,910.11)
F. Adjustment indicating the difference in actual fuel cost for the month of September 2023 and the estimated cost originally reported \$11,182,441.70 - \$11,276,896.32	(+ \$ (94,454.62)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+ \$ 51,311.28
H. Prior Period Correction	(+ \$ -
I. Deferral of Current Purchased Power Costs	(- \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+ \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 10,255,102.43</u></u>

.....
 Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

^(b) Coal inventory adjustment made at the end of September was not recorded on the general ledger until October due to timing.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: October 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	29,500,000
<u>Purchases Including Interchange-In</u>	(+)	<u>271,221,050</u>
Sub-Total		<u>300,721,050</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	52,280
<u>System Losses (300,668,770 KWH times 6.6% ^(a))</u>	(+)	<u>19,844,139</u>
Sub-Total		<u>19,896,419</u>
 C. Total Sales (A - B)		 <u><u>280,824,631</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: September 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	5,446,618.68
Oil Burned	(+)		78,833.84
Gas Burned	(+)		169,100.00
Net Fuel Related RTO Billing Line Items	(-)		94,924.33
Fuel (assigned cost during Forced Outage ^(a))	(+)		8,247.20
Fuel (substitute cost during Forced Outage ^(a))	(-)		1,534.07
Sub-Total		\$	5,606,341.32
B. Purchases			
Economy Purchases	(+)	\$	5,702,002.71
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)		6,713.13
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	5,695,289.58
C. Non-Native Sales Fuel Costs	(-)		\$119,189.20
D. Total Fuel Costs (A + B - C)		\$	11,182,441.70

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: August 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.009091
2	Retail kWh Billed at Above Rate	(x)	<u>297,671,359</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 2,706,130.32</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	388,410,563
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>388,410,563</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,531,040.43
8	Over or (Under) (Line 3 - Line 7)		\$ (824,910.11)
9	Total Sales (Schedule 3, Line C)	(-)	280,824,631
10	Kentucky Jurisdictional Sales	(+)	<u>280,824,631</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ (824,910.11)
13	Amount Over or (Under) Recovered in prior filings	(+)	
14	Total Company Over or (Under) Recovery		<u><u>\$ (824,910.11)</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: June 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 10,464,853.28
Oil Burned	(+)	276,211.55
Gas Burned	(+)	864,852.50
Net Fuel Related RTO Billing Line Items	(-)	195,418.24
Fuel (assigned cost during Forced Outage ^(a))	(+)	372,982.73
Fuel (substitute cost during Forced Outage ^(a))	(-)	103,873.37
Sub-Total		<u>\$ 11,679,608.45</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,911,350.43
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	269,109.36
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 1,642,241.07</u>
C. Non-Native Sales Fuel Costs		(-) \$ 634,845.20
D. Total Fuel Costs (A + B - C)		<u>\$ 12,687,004.32</u>
E. Total Fuel Costs Previously Reported		(-) \$ 12,635,693.04
F. Prior Period Adjustment		(+)
G. Adjustment due to PJM Resettlements		<u>\$ 51,311.28</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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Dear Ms. Bridwell:

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On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **September 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 11,135,030.88	
2	Sales S_m (Schedule 3, Line C)	÷ 319,921,669	0.034805
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.009404</u></u>

Effective Date for Billing: November 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: October 19, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: September 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+ \$ 5,446,619.48
Oil Burned	(+ 78,833.84
Gas Burned	(+ 169,100.00
Net Fuel Related RTO Billing Line Items	(-) (9,850.30)
Fuel (assigned cost during Forced Outage ^(a))	(+ 9,394.07
Fuel (substitute cost during Forced Outage ^(a))	(-) 2,680.94
Sub-Total	<u>\$ 5,711,116.75</u>
B. Purchases	
Economy Purchases	(+ \$ 5,692,544.40
Other Purchases	(+ -
Other Purchases (substitute for Forced Outage ^(a))	(-) 6,713.13
Less purchases above highest cost units	(-) -
Sub-Total	<u>\$ 5,685,831.27</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 120,051.70</u>
D. Total Fuel Costs (A + B - C)	(+ \$ 11,276,896.32
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (148,986.73)
F. Adjustment indicating the difference in actual fuel cost for the month of August 2023 and the estimated cost originally reported \$13,949,444.76 - \$14,201,862.34	(+ \$ (252,417.58)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+ \$ (38,434.60)
H. Prior Period Correction	(+ \$ -
I. Deferral of Current Purchased Power Costs	(-) \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+ \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 11,135,030.88</u></u>

.....

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: September 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	157,836,000
<u>Purchases Including Interchange-In</u>	(+)	<u>186,227,940</u>
Sub-Total		<u>344,063,940</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	4,083,420
<u>System Losses (339,980,520 KWH times 5.9% ^(a))</u>	(+)	<u>20,058,851</u>
Sub-Total		<u>24,142,271</u>
 C. Total Sales (A - B)		<u><u>319,921,669</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: August 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 9,803,648.31
Oil Burned	(+)	326,575.81
Gas Burned	(+)	600,000.00
Net Fuel Related RTO Billing Line Items	(-)	157,279.16
Fuel (assigned cost during Forced Outage ^(a))	(+)	38,670.71
Fuel (substitute cost during Forced Outage ^(a))	(-)	5,408.20
Sub-Total		<u>\$ 10,606,207.47</u>
B. Purchases		
Economy Purchases	(+)	\$ 3,771,485.71
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	33,262.51
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 3,738,223.20</u>
C. Non-Native Sales Fuel Costs	(-)	\$394,985.91
D. Total Fuel Costs (A + B - C)		<u><u>\$ 13,949,444.76</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: July 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.007929
2	Retail kWh Billed at Above Rate	(x)	<u>378,268,682</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 2,999,292.38</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	399,392,862
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>399,392,862</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,166,786.00
8	Over or (Under) (Line 3 - Line 7)		\$ (167,493.62)
9	Total Sales (Schedule 3, Line C)	(-)	319,921,669
10	Kentucky Jurisdictional Sales	(+)	<u>319,921,669</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ (167,493.62)
13	Amount Over or (Under) Recovered in prior filings	(+)	\$ 18,506.89 *
14	Total Company Over or (Under) Recovery		<u><u>\$ (148,986.73)</u></u>

* Note: Line 13 over-recovery from prior filings due to a correction of the September 2022 FAC rate
See Schedule 7 for details

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: May 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 6,164,694.09
Oil Burned	(+)	664,140.05
Gas Burned	(+)	482,130.00
Net Fuel Related RTO Billing Line Items	(-)	1,393,647.29
Fuel (assigned cost during Forced Outage ^(a))	(+)	433,090.91
Fuel (substitute cost during Forced Outage ^(a))	(-)	144,417.76
Sub-Total		\$ 6,205,990.00
B. Purchases		
Economy Purchases	(+)	\$ 4,765,617.45
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	288,673.15
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 4,476,944.30
C. Non-Native Sales Fuel Costs	(-)	\$ 351,134.04
D. Total Fuel Costs (A + B - C)		\$ 10,331,800.26
E. Total Fuel Costs Previously Reported	(-)	\$ 10,370,234.86
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		\$ (38,434.60)

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
PRIOR PERIOD CORRECTION
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: September 2022		Original September 2022 Over/(Under) Recovery	Revised September 2022 Over/(Under) Recovery	Adjustment
		Original FAC Filing Expense Month: November 2022	Updated in FAC Filing Exp Month: September 2023	Over/(Under) Dollars (\$)
1	FAC Rate Billed (\$/kWh)	(+) 0.036071	0.035933	(0.000138)
2	Retail kWh Billed at Above Rate	(x) 262,704,024	263,712,934	1,008,910
3	FAC Revenue/(Refund) (Line 1 * Line 2)	\$ 9,475,996.86	\$ 9,475,996.86	\$ -
4	kWh Used to Determine Last FAC Rate Billed	(+) 321,177,184	321,895,620	718,436
5	Non-Jurisdictional kWh included in Line 4	(-) -	-	-
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)	321,177,184	321,895,620	718,436
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$ 11,585,182.20	\$ 11,566,675.31	\$ (18,506.89)
8	Over or (Under) (Line 3 - Line 7)	\$ (2,109,185.34)	\$ (2,090,678.45)	\$ 18,506.89
9	Total Sales (Schedule 3, Line C)	(-) 296,154,378	296,154,378	-
10	Kentucky Jurisdictional Sales	(+) 296,154,378	296,154,378	-
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 + Line 10)	1.00000	1.00000	-
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+) \$ (2,109,185.34)	\$ (2,090,678.45)	\$ 18,506.89
13	Amount Over or (Under) Recovered in prior filings	(-) \$ -	\$ -	\$ -
14	Total Company Over or (Under) Recovery	\$ (2,109,185.34)	\$ (2,090,678.45)	\$ 18,506.89

Note: Correction of the September 2022 FAC rate due to non-native sales reported as 6,510,510 kWh instead of the correct kWh of 5,742,130 on Schedule 3, causing the FAC rate to be corrected on line 1 of this schedule. See supporting schedules below.

Expense Month: September 2022				
Schedule 3				
		Original	Revised	Revised
		Kilowatt-Hours	System	Kilowatt-Hours
		Current Month	Losses	Current Month
A.	Generation (Net)	(+) 171,048,000		171,048,000
	Purchases Including Interchange-In	(+) 178,967,520		178,967,520
	Sub-Total	350,015,520		350,015,520
B.	Pumped Storage Energy	(+) -		-
	Non-Native Sales Including Interchange Out	(+) 6,510,510		5,742,130
	System Losses (343,505,010 KWH times 6.5%) ^(a)	(+) 22,327,826	(344,273,390 KWH times 6.5%) ^(a)	22,377,770
	Sub-Total	28,838,336		28,119,900
C.	Total Sales (A - B)	321,177,184		321,895,620
	Note: ^(a) Average of prior 12 months.			
Schedule 1				
Line No.	Description	Amount		Rate (\$/kWh)
1	Fuel F _m (Schedule 2, Line K)	\$ 19,743,252		\$ 19,743,252
2	Sales S _m (Schedule 3, Line C)	321,177,184		321,895,620
3		+ 0.061472		0.061334
4	Base Fuel Rate (F _v /S _v) per PSC Order in Case No. 2021-00057	(-) 0.025401		0.025401
5	Fuel Adjustment Clause Rate (Line 3 - Line 4)	0.036071		0.035933



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Tel: 513-287-2545
Libbie.Miller@duke-energy.com

Libbie S. Miller
Rates & Regulatory Manager

September 22, 2023

Ms. Linda Bridwell, Executive Director

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

SEP 22 2023

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with KAR 807 5:056, enclosed for filing are the fuel adjustment clause (FAC) schedules with supporting sales and fuel cost schedules supporting Duke Energy Kentucky's fuel adjustment factor applicable to billings for retail sales in October 2023.

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: **August 2023**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 13,397,016.76	
2	Sales S_m (Schedule 3, Line C)	÷ 388,410,563	0.034492
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057		(-) <u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.009091</u></u>

Effective Date for Billing: October 2, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: September 22, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: August 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+ \$ 9,803,649.39
Oil Burned	(+ 326,575.81
Gas Burned	(+ 600,000.00
Net Fuel Related RTO Billing Line Items	(- 67,143.45
Fuel (assigned cost during Forced Outage ^(a))	(+ 42,041.75
Fuel (substitute cost during Forced Outage ^(a))	(- 8,779.24
Sub-Total	<u>\$ 10,696,344.26</u>
B. Purchases	
Economy Purchases	(+ \$ 3,930,731.29
Other Purchases	(+ -
Other Purchases (substitute for Forced Outage ^(a))	(- 33,262.51
Less purchases above highest cost units	(- -
Sub-Total	<u>\$ 3,897,468.78</u>
C. Non-Native Sales Fuel Costs	(- \$ 391,950.71
D. Total Fuel Costs (A + B - C)	(+ \$ 14,201,862.34
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(- \$ 599,113.72
F. Adjustment indicating the difference in actual fuel cost for the month of July 2023 and the estimated cost originally reported \$14,046,252.64 - \$14,198,536.89	(+ \$ (152,284.25)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+ \$ (53,447.61)
H. Prior Period Correction	(+ \$ -
I. Deferral of Current Purchased Power Costs	(- \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+ \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 13,397,016.76</u></u>

.....
 Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: August 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	289,436,000
<u>Purchases Including Interchange-In</u>	(+)	<u>131,311,200</u>
Sub-Total		<u>420,747,200</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	14,460,000
<u>System Losses (406,287,200 KWH times 4.4% ^(a))</u>	(+)	<u>17,876,637</u>
Sub-Total		<u>32,336,637</u>
 C. Total Sales (A - B)		<u><u>388,410,563</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: July 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 11,627,136.28
Oil Burned	(+)	191,881.96
Gas Burned	(+)	965,000.00
Net Fuel Related RTO Billing Line Items	(-)	710,639.14
Fuel (assigned cost during Forced Outage ^(a))	(+)	0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 12,073,379.10</u>
B. Purchases		
Economy Purchases	(+)	\$ 2,800,476.97
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	0.00
Less purchases above highest cost units	(-)	177,132.29
Sub-Total		<u>\$ 2,623,344.68</u>
C. Non-Native Sales Fuel Costs	(-)	\$650,471.14
D. Total Fuel Costs (A + B - C)		<u><u>\$ 14,046,252.64</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: June 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.009493
2	Retail kWh Billed at Above Rate	(x)	<u>385,603,015</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 3,660,529.43</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	322,491,911
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>322,491,911</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,061,415.71
8	Over or (Under) (Line 3 - Line 7)		\$ 599,113.72
9	Total Sales (Schedule 3, Line C)	(-)	388,410,563
10	Kentucky Jurisdictional Sales	(+)	<u>388,410,563</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 599,113.72
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 599,113.72</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: April 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	4,380,048.13
Oil Burned	(+)		587,101.94
Gas Burned	(+)		1,280,103.93
Net Fuel Related RTO Billing Line Items	(-)		946,582.39
Fuel (assigned cost during Forced Outage ^(a))	(+)		2,169,860.27
Fuel (substitute cost during Forced Outage ^(a))	(-)		424,828.42
Sub-Total		\$	7,045,703.46
B. Purchases			
Economy Purchases	(+)	\$	5,030,901.95
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage ^(a))	(-)		1,745,031.85
Less purchases above highest cost units	(-)		-
Sub-Total		\$	3,285,870.10
C. Non-Native Sales Fuel Costs	(-)	\$	406,167.19
D. Total Fuel Costs (A + B - C)		\$	9,925,406.37
E. Total Fuel Costs Previously Reported	(-)	\$	9,978,853.98
F. Prior Period Adjustment	(+)	\$	-
G. Adjustment due to PJM Resettlements		\$	(53,447.61)

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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August 22, 2023

Ms. Linda Bridwell, Executive Director

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AUG 22 2023

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Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **July 2023**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 13,311,875.16	
2	Sales S_m (Schedule 3, Line C)	÷ 399,392,862	0.033330
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.007929</u></u>

Effective Date for Billing: September 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: August 22, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: July 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 11,627,137.70
Oil Burned	(+) 191,881.96
Gas Burned	(+) 965,000.00
Net Fuel Related RTO Billing Line Items	(-) 656,898.51
Fuel (assigned cost during Forced Outage ^(a))	(+) -
Fuel (substitute cost during Forced Outage ^(a))	(-) -
Sub-Total	<u>\$ 12,127,121.15</u>
B. Purchases	
Economy Purchases	(+) \$ 2,923,744.52
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) -
Less purchases above highest cost units	(-) 207,187.89
Sub-Total	<u>\$ 2,716,556.63</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 645,140.89</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 14,198,536.89
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 717,053.93
F. Adjustment indicating the difference in actual fuel cost for the month of June 2023 and the estimated cost originally reported	
reported \$12,635,693.04 - \$12,752,030.64 (actual) (estimate)	(+) \$ (116,337.60)
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ (53,270.20)
H. Prior Period Correction	(+) \$ -
I. Deferral of Current Purchased Power Costs	(-) \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+) \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 13,311,875.16</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: July 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	346,565,200
<u>Purchases Including Interchange-In</u>	(+)	<u>75,249,470</u>
Sub-Total		<u>421,814,670</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	14,686,370
<u>System Losses (407,128,300 KWH times 1.9% ^(a))</u>	(+)	<u>7,735,438</u>
Sub-Total		<u>22,421,808</u>
 C. Total Sales (A - B)		 <u><u>399,392,862</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: June 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 10,464,853.28
Oil Burned	(+)	276,211.55
Gas Burned	(+)	864,852.50
Net Fuel Related RTO Billing Line Items	(-)	193,569.84
Fuel (assigned cost during Forced Outage ^(a))	(+)	334,651.46
Fuel (substitute cost during Forced Outage ^(a))	(-)	53,776.95
Sub-Total		<u>\$ 11,693,222.00</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,870,772.50
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	280,874.51
Less purchases above highest cost units	(-)	
Sub-Total		<u>\$ 1,589,897.99</u>
C. Non-Native Sales Fuel Costs	(-)	\$647,426.95
D. Total Fuel Costs (A + B - C)		<u><u>\$ 12,635,693.04</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: May 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.006939
2	Retail kWh Billed at Above Rate	(x)	<u>402,313,908</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 2,791,656.21</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	298,977,127
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>298,977,127</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 2,074,602.28
8	Over or (Under) (Line 3 - Line 7)		\$ 717,053.93
9	Total Sales (Schedule 3, Line C)	(-)	399,392,862
10	Kentucky Jurisdictional Sales	(+)	<u>399,392,862</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 717,053.93
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 717,053.93</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: March 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	5,477,830.25
Oil Burned	(+)		387,157.39
Gas Burned	(+)		185,850.00
Net Fuel Related RTO Billing Line Items	(-)		224,184.69
Fuel (assigned cost during Forced Outage ^(a))	(+)		688,559.55
Fuel (substitute cost during Forced Outage ^(a))	(-)		34,620.21
Sub-Total		\$	6,480,592.29
B. Purchases			
Economy Purchases	(+)	\$	5,966,871.28
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage ^(a))	(-)		653,939.34
Less purchases above highest cost units	(-)		-
Sub-Total		\$	5,312,931.94
C. Non-Native Sales Fuel Costs	(-)	\$	17,561.54
D. Total Fuel Costs (A + B - C)		\$	11,775,962.69
E. Total Fuel Costs Previously Reported	(-)	\$	11,829,232.89
F. Prior Period Adjustment	(+)	\$	-
G. Adjustment due to PJM Resettlements		\$	(53,270.20)

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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Libbie S. Miller
Rates & Regulatory Manager

July 21, 2023

Ms. Linda Bridwell, Executive Director

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

JUL 21 2023

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with KAR 807 5:056, enclosed for filing are the fuel adjustment clause (FAC) schedules with supporting sales and fuel cost schedules supporting Duke Energy Kentucky's fuel adjustment factor applicable to billings for retail sales in August 2023.

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: **June 2023**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 11,252,968.19	
2	Sales S_m (Schedule 3, Line C)	÷ 322,491,911	0.034894
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.009493</u></u>

Effective Date for Billing: August 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: July 21, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: June 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	10,464,853.64
Oil Burned	(+)		276,211.55
Gas Burned	(+)		864,852.50
Net Fuel Related RTO Billing Line Items	(-)		89,895.36
Fuel (assigned cost during Forced Outage ^(a))	(+)		327,536.50
Fuel (substitute cost during Forced Outage ^(a))	(-)		46,661.99
Sub-Total		\$	<u>11,796,896.84</u>
B. Purchases			
Economy Purchases	(+)	\$	1,865,882.50
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage ^(a))	(-)		280,874.51
Less purchases above highest cost units	(-)		-
Sub-Total		\$	<u>1,585,007.99</u>
C. Non-Native Sales Fuel Costs	(-)	\$	<u>629,874.18</u>
D. Total Fuel Costs (A + B - C)	(+)	\$	12,752,030.64
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)	\$	606,619.23
F. Adjustment indicating the difference in actual fuel cost for the month of May 2023 and the estimated cost originally reported \$10,370,234.86 - \$11,221,586.58	(+)	\$	(851,351.72)
(actual) (estimate)			
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)	\$	(41,091.50)
H. Prior Period Correction	(+)	\$	-
I. Deferral of Current Purchased Power Costs	(-)	\$	-
J. Amount of Deferred Purchased Power Costs included in the filing	(+)	\$	-
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)		\$	<u><u>11,252,968.19</u></u>

.....
 Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: June 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	288,615,700
<u>Purchases Including Interchange-In</u>	(+)	<u>60,671,720</u>
Sub-Total		<u>349,287,420</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	9,822,250
<u>System Losses (339,465,170 KWH times 5.0% ^(a))</u>	(+)	<u>16,973,259</u>
Sub-Total		<u>26,795,509</u>
 C. Total Sales (A - B)		 <u><u>322,491,911</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: May 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+ \$ 6,164,694.07
Oil Burned	(+ 664,140.05
Gas Burned	(+ 482,130.00
Net Fuel Related RTO Billing Line Items	(-) 1,391,521.10
Fuel (assigned cost during Forced Outage ^(a))	(+ 428,565.17
Fuel (substitute cost during Forced Outage ^(a))	(-) 138,533.02
Sub-Total	<u>\$ 6,209,475.17</u>
B. Purchases	
Economy Purchases	(+ \$ 4,803,812.76
Other Purchases	(+ 0.00
Other Purchases (substitute for Forced Outage ^(a))	(-) 290,032.15
Less purchases above highest cost units	(-) 0.00
Sub-Total	<u>\$ 4,513,780.61</u>
C. Non-Native Sales Fuel Costs	(-) \$353,020.92
D. Total Fuel Costs (A + B - C)	<u>\$ 10,370,234.86</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: April 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.017397
2	Retail kWh Billed at Above Rate	(x)	<u>312,254,425</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 5,432,290.23</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	277,385,239
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>277,385,239</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 4,825,671.00
8	Over or (Under) (Line 3 - Line 7)		\$ 606,619.23
9	Total Sales (Schedule 3, Line C)	(-)	322,491,911
10	Kentucky Jurisdictional Sales	(+)	<u>322,491,911</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 606,619.23
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 606,619.23</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: February 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 2,383,087.18
Oil Burned	(+)	65,952.31
Gas Burned	(+)	254,000.00
Net Fuel Related RTO Billing Line Items	(-)	511,492.72
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 2,191,546.77</u>
B. Purchases		
Economy Purchases	(+)	\$ 6,584,433.09
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 6,584,433.09</u>
C. Non-Native Sales Fuel Costs	(-)	\$ -
D. Total Fuel Costs (A + B - C)		<u>\$ 8,775,979.86</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 8,817,071.36
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ (41,091.50)</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: May 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 6,164,694.67
Oil Burned	(+) 664,140.05
Gas Burned	(+) 482,130.00
Net Fuel Related RTO Billing Line Items	(-) 431,837.30
Fuel (assigned cost during Forced Outage ^(a))	(+) 591,549.00
Fuel (substitute cost during Forced Outage ^(a))	(-) 308,668.36
<u>Sub-Total</u>	<u>\$ 7,162,008.06</u>
B. Purchases	
Economy Purchases	(+) \$ 4,732,019.14
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) 282,880.64
<u>Less purchases above highest cost units</u>	<u>(-) -</u>
Sub-Total	\$ 4,449,138.50
C. Non-Native Sales Fuel Costs	(-) <u>\$ 389,559.98</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 11,221,586.58
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 1,239,277.09
F. Adjustment indicating the difference in actual fuel cost for the month of April 2023 and the estimated cost originally reported \$9,978,853.98 - \$10,258,941.12	(+) \$ (280,087.14)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ (33,435.02)
H. Prior Period Correction	(+) \$ -
I. Deferral of Current Purchased Power Costs	(-) \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+) \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 9,668,787.33</u></u>

.....

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: May 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	184,581,800
<u>Purchases Including Interchange-In</u>	(+)	<u>148,579,350</u>
Sub-Total		<u>333,161,150</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	15,438,380
<u>System Losses (317,722,770 KWH times 5.9% ^(a))</u>	(+)	<u>18,745,643</u>
Sub-Total		<u>34,184,023</u>
 C. Total Sales (A - B)		<u><u>298,977,127</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: April 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	4,380,048.12
Oil Burned	(+)		587,101.94
Gas Burned	(+)		1,280,103.93
Net Fuel Related RTO Billing Line Items	(-)		944,635.19
Fuel (assigned cost during Forced Outage ^(a))	(+)		2,100,282.07
Fuel (substitute cost during Forced Outage ^(a))	(-)		333,234.70
Sub-Total		\$	7,069,666.17
B. Purchases			
Economy Purchases	(+)	\$	5,071,364.57
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)		1,767,047.37
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	3,304,317.20
C. Non-Native Sales Fuel Costs	(-)		\$395,129.39
D. Total Fuel Costs (A + B - C)		\$	9,978,853.98

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: March 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.010666
2	Retail kWh Billed at Above Rate	(x)	427,052,893
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 4,554,946.16</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	310,863,404
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>310,863,404</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,315,669.07
8	Over or (Under) (Line 3 - Line 7)		\$ 1,239,277.09
9	Total Sales (Schedule 3, Line C)	(-)	298,977,127
10	Kentucky Jurisdictional Sales	(+)	<u>298,977,127</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 1,239,277.09
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 1,239,277.09</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: January 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 10,635,712.53
Oil Burned	(+)	167,562.45
Gas Burned	(+)	135,551.85
Net Fuel Related RTO Billing Line Items	(-)	367,587.00
Fuel (assigned cost during Forced Outage ^(a))	(+)	53,317.08
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 10,624,556.91</u>
B. Purchases		
Economy Purchases	(+)	\$ 3,680,391.68
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	53,317.08
Less purchases above highest cost units	(-)	
Sub-Total		<u>\$ 3,627,074.60</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 108,020.22
D. Total Fuel Costs (A + B - C)		<u>\$ 14,143,611.29</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 14,177,046.31
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ (33,435.02)</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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Libbie S. Miller
Rates & Regulatory Manager

May 19, 2023

Ms. Linda Bridwell, Executive Director

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED
MAY 19 2023

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with KAR 807 5:056, enclosed for filing are the fuel adjustment clause (FAC) schedules with supporting sales and fuel cost schedules supporting Duke Energy Kentucky's fuel adjustment factor applicable to billings for retail sales in June 2023.

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **April 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 11,871,566.37	
2	Sales S_m (Schedule 3, Line C)	÷ 277,385,239	0.042798
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057		(-) <u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.017397</u></u>

Effective Date for Billing: June 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: May 19, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: April 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 4,380,047.80
Oil Burned	(+)	587,101.94
Gas Burned	(+)	1,280,103.93
Net Fuel Related RTO Billing Line Items	(-)	652,951.16
Fuel (assigned cost during Forced Outage ^(a))	(+)	2,370,098.82
Fuel (substitute cost during Forced Outage ^(a))	(-)	603,051.45
Sub-Total		<u>\$ 7,361,349.88</u>
B. Purchases		
Economy Purchases	(+)	\$ 5,059,605.40
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	1,767,047.37
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 3,292,558.03</u>
C. Non-Native Sales Fuel Costs	(-)	<u>\$ 394,966.79</u>
D. Total Fuel Costs (A + B - C)	(+)	\$ 10,258,941.12
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)	\$ (1,863,590.42)
F. Adjustment indicating the difference in actual fuel cost for the month of March 2023 and the estimated cost originally reported \$11,829,232.89 - \$11,906,337.17	(+)	\$ (77,104.28)
(actual) (estimate)		
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)	\$ (173,860.89)
H. Prior Period Correction ^{(b) (c)}	(+)	\$ -
I. Deferral of Current Purchased Power Costs	(-)	\$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+)	\$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)		<u><u>\$ 11,871,566.37</u></u>

.....

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: April 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	144,870,000
<u>Purchases Including Interchange-In</u>	(+)	<u>159,328,490</u>
Sub-Total		<u>304,198,490</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	9,107,810
<u>System Losses (295,090,680 KWH times 6.0% ^(a))</u>	(+)	<u>17,705,441</u>
Sub-Total		<u>26,813,251</u>
 C. Total Sales (A - B)		<u><u>277,385,239</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: March 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	5,477,830.24
Oil Burned	(+)		387,157.39
Gas Burned	(+)		185,850.00
Net Fuel Related RTO Billing Line Items	(-)		224,738.82
Fuel (assigned cost during Forced Outage ^(a))	(+)		706,058.50
Fuel (substitute cost during Forced Outage ^(a))	(-)		38,141.83
Sub-Total		\$	6,494,015.48
B. Purchases			
Economy Purchases	(+)	\$	6,019,879.73
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)		667,916.67
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	5,351,963.06
C. Non-Native Sales Fuel Costs	(-)		\$16,745.65
D. Total Fuel Costs (A + B - C)		\$	11,829,232.89

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: February 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.003800
2	Retail kWh Billed at Above Rate	(x)	<u>(200,218,118)</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (760,828.85)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	290,200,413
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>290,200,413</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 1,102,761.57
8	Over or (Under) (Line 3 - Line 7)		\$ (1,863,590.42)
9	Total Sales (Schedule 3, Line C)	(-)	277,385,239
10	Kentucky Jurisdictional Sales	(+)	<u>277,385,239</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ (1,863,590.42)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (1,863,590.42)</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: December 2022

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 10,367,413.93
Oil Burned	(+)	6,100,711.49
Gas Burned	(+)	745,805.00
Net Fuel Related RTO Billing Line Items	(-)	2,786,059.63
Fuel (assigned cost during Forced Outage ^(a))	(+)	1,238,925.04
Fuel (substitute cost during Forced Outage ^(a))	(-)	1,176,545.91
Sub-Total		\$ 14,490,249.92
B. Purchases		
Economy Purchases	(+)	\$ 4,816,936.72
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	1,559,732.58
Less purchases above highest cost units	(-)	
Sub-Total		\$ 3,257,204.14
C. Non-Native Sales Fuel Costs	(-)	\$ 3,923,696.16
D. Total Fuel Costs (A + B - C)		\$ 13,823,757.90
E. Total Fuel Costs Previously Reported	(-)	\$ 13,997,618.79
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		\$ (173,860.89)

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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April 21, 2023

Ms. Linda Bridwell, Executive Director

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APR 21 2023

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with KAR 807 5:056, enclosed for filing are the fuel adjustment clause (FAC) schedules with supporting sales and fuel cost schedules supporting Duke Energy Kentucky's fuel adjustment factor applicable to billings for retail sales in May 2023.

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **March 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 11,211,905.78	
2	Sales S_m (Schedule 3, Line C)	÷ 310,863,404	0.036067
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.010666</u></u>

Effective Date for Billing: May 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: April 21, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: March 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 5,477,831.01
Oil Burned	(+)	387,157.39
Gas Burned	(+)	185,850.00
Net Fuel Related RTO Billing Line Items	(-)	149,088.58
Fuel (assigned cost during Forced Outage ^(a))	(+)	709,775.23
Fuel (substitute cost during Forced Outage ^(a))	(-)	37,756.37
Sub-Total		<u>\$ 6,573,768.68</u>
B. Purchases		
Economy Purchases	(+)	\$ 6,023,237.92
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	672,018.86
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 5,351,219.06</u>
C. Non-Native Sales Fuel Costs	(-)	<u>\$ 18,650.57</u>
D. Total Fuel Costs (A + B - C)	(+)	\$ 11,906,337.17
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)	\$ 569,817.22
F. Adjustment indicating the difference in actual fuel cost for the month of February 2023 and the estimated cost originally reported \$8,817,071.36 - \$8,905,683.53	(+)	\$ (88,612.17)
(actual) (estimate)		
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)	\$ (36,002.00)
H. Prior Period Correction ^{(b) (c)}	(+)	\$ -
I. Deferral of Current Purchased Power Costs	(-)	\$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+)	\$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)		<u><u>\$ 11,211,905.78</u></u>

.....

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: March 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	142,130,000
<u>Purchases Including Interchange-In</u>	(+)	<u>192,274,040</u>
Sub-Total		<u>334,404,040</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	501,350
<u>System Losses (333,902,690 KWH times 6.9% ^(a))</u>	(+)	<u>23,039,286</u>
Sub-Total		<u>23,540,636</u>
 C. Total Sales (A - B)		<u><u>310,863,404</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: February 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 2,383,087.18
Oil Burned	(+)	65,952.31
Gas Burned	(+)	254,000.00
Net Fuel Related RTO Billing Line Items	(-)	514,195.69
Fuel (assigned cost during Forced Outage ^(a))	(+)	0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 2,188,843.80</u>
B. Purchases		
Economy Purchases	(+)	\$ 6,628,227.56
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	0.00
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 6,628,227.56</u>
C. Non-Native Sales Fuel Costs	(-)	\$0.00
D. Total Fuel Costs (A + B - C)		<u><u>\$ 8,817,071.36</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: January 2023

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.002645)
2	Retail kWh Billed at Above Rate	(x)	117,526,581
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (310,857.81)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	332,958,422
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>332,958,422</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ (880,675.03)
8	Over or (Under) (Line 3 - Line 7)		\$ 569,817.22
9	Total Sales (Schedule 3, Line C)	(-)	310,863,404
10	Kentucky Jurisdictional Sales	(+)	<u>310,863,404</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 569,817.22
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 569,817.22</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: November 2022

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 9,859,319.06 ^(b)
Oil Burned	(+)	588,757.18
Gas Burned	(+)	1,737,590.15
Net Fuel Related RTO Billing Line Items	(-)	1,050,846.46
Fuel (assigned cost during Forced Outage ^(a))	(+)	95,985.11
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 11,230,805.04</u>
B. Purchases		
Economy Purchases	(+)	\$ 4,340,057.09
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	196,739.26
Less purchases above highest cost units	(-)	
Sub-Total		<u>\$ 4,143,317.83</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 609,476.14 ^(b)
D. Total Fuel Costs (A + B - C)		<u>\$ 14,764,646.73</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 14,800,648.73
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ (36,002.00)</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

^(b) Accounting adjustment due to annual coal pile survey
Native \$661,982.56 and Non-Native \$37,249.68



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P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2545
Libbie.Miller@duke-energy.com

Libbie S. Miller
Rates & Regulatory Manager

March 22, 2023

Ms. Linda Bridwell, Executive Director

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

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MAR 22 2023

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with KAR 807 5:056, enclosed for filing are the fuel adjustment clause (FAC) schedules with supporting sales and fuel cost schedules supporting Duke Energy Kentucky's fuel adjustment factor applicable to billings for retail sales in April 2023.

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the report with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **February 2023**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 8,474,185.09	
2	Sales S_m (Schedule 3, Line C)	÷ 290,200,413	0.029201
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.003800</u></u>

Effective Date for Billing: April 1, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: March 22, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: February 2023

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	2,383,087.02
Oil Burned	(+)		65,952.31
Gas Burned	(+)		254,000.00
Net Fuel Related RTO Billing Line Items	(-)		439,439.16
Fuel (assigned cost during Forced Outage ^(a))	(+)		-
Fuel (substitute cost during Forced Outage ^(a))	(-)		-
Sub-Total		\$	<u>2,263,600.17</u>
B. Purchases			
Economy Purchases	(+)	\$	6,642,083.36
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage ^(a))	(-)		-
Less purchases above highest cost units	(-)		-
Sub-Total		\$	<u>6,642,083.36</u>
C. Non-Native Sales Fuel Costs	(-)	\$	<u>-</u>
D. Total Fuel Costs (A + B - C)	(+)	\$	8,905,683.53
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)	\$	354,960.77
F. Adjustment indicating the difference in actual fuel cost for the month of January 2023 and the estimated cost originally reported \$14,177,046.31 - \$14,110,155.01	(+)	\$	66,891.30
(actual) (estimate)			
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)	\$	(143,428.97)
H. Prior Period Correction ^{(b) (c)}	(+)	\$	-
I. Deferral of Current Purchased Power Costs	(-)	\$	-
J. Amount of Deferred Purchased Power Costs included in the filing	(+)	\$	-
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)		\$	<u><u>8,474,185.09</u></u>

.....
 Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: February 2023

			<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	70,142,000	
<u>Purchases Including Interchange-In</u>	(+)	<u>240,565,080</u>	
Sub-Total			<u>310,707,080</u>
 B. Pumped Storage Energy	(+)	-	
Non-Native Sales Including Interchange Out	(+)	-	
<u>System Losses (310,707,080 KWH times 6.6% ^(a))</u>	(+)	<u>20,506,667</u>	
Sub-Total			<u>20,506,667</u>
 C. Total Sales (A - B)			<u><u>290,200,413</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: January 2023

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 10,635,712.53
Oil Burned	(+)	167,562.45
Gas Burned	(+)	135,551.85
Net Fuel Related RTO Billing Line Items	(-)	376,077.30
Fuel (assigned cost during Forced Outage ^(a))	(+)	54,247.68
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 10,616,997.21</u>
B. Purchases		
Economy Purchases	(+)	\$ 3,720,304.30
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	54,247.68
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 3,666,056.62</u>
C. Non-Native Sales Fuel Costs	(-)	\$106,007.52
D. Total Fuel Costs (A + B - C)		<u><u>\$ 14,177,046.31</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: December 2022

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.008625
2	Retail kWh Billed at Above Rate	(x)	391,706,726
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 3,378,470.51</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	350,551,854
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>350,551,854</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,023,509.74
8	Over or (Under) (Line 3 - Line 7)		\$ 354,960.77
9	Total Sales (Schedule 3, Line C)	(-)	290,200,413
10	Kentucky Jurisdictional Sales	(+)	<u>290,200,413</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 354,960.77
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 354,960.77</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: October 2022

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ -
Oil Burned	(+)	105,516.93
Gas Burned	(+)	427,850.00
Net Fuel Related RTO Billing Line Items	(-)	1,306,928.10
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ (773,561.17)</u>
B. Purchases		
Economy Purchases	(+)	\$ 17,960,594.13
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 17,960,594.13</u>
C. Non-Native Sales Fuel Costs	(-)	\$ -
D. Total Fuel Costs (A + B - C)		<u>\$ 17,187,032.96</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 17,330,461.93
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ (143,428.97)</u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.



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February 17, 2023

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FEB 17 2023

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Please contact me if you have any questions.

Sincerely,

/s/ Libbie S. Miller

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **January 2023**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 7,576,680.56	
2	Sales S_m (Schedule 3, Line C)	÷ 332,958,422	0.022756
3	Base Fuel Rate (F_b/S_b) per PSC Order in Case No. 2021-00057	(-)	<u>0.025401</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>(0.002645)</u></u>

Effective Date for Billing: March 2, 2023

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Manager

Date Submitted: February 17, 2023

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: January 2023

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+ \$ 10,635,711.53
Oil Burned	(+ 167,562.45
Gas Burned	(+ 135,551.85
Net Fuel Related RTO Billing Line Items	(-) 366,510.91
Fuel (assigned cost during Forced Outage ^(a))	(+ 54,247.68
Fuel (substitute cost during Forced Outage ^(a))	(-) -
<u>Sub-Total</u>	<u>\$ 10,626,562.60</u>
B. Purchases	
Economy Purchases	(+ \$ 3,643,756.52
Other Purchases	(+ -
Other Purchases (substitute for Forced Outage ^(a))	(-) 54,247.68
<u>Less purchases above highest cost units</u>	<u>(-) -</u>
Sub-Total	\$ 3,589,508.84
C. Non-Native Sales Fuel Costs	(-) <u>\$ 105,916.43</u>
D. Total Fuel Costs (A + B - C)	(+ \$ 14,110,155.01
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 3,359,127.53
F. Adjustment indicating the difference in actual fuel cost for the month of December 2022 and the estimated cost originally reported \$13,997,618.79 - \$15,810,491.71	(+ \$ (1,812,872.92)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+ \$ 262,810.75
H. Prior Period Correction ^{(b)(c)}	(+ \$ (1,624,284.75)
I. Deferral of Current Purchased Power Costs	(-) \$ -
J. Amount of Deferred Purchased Power Costs included in the filing	(+ \$ -
K. Grand Total Fuel Cost (D - E + F + G + H - I + J)	<u><u>\$ 7,576,680.56</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

^(b) Corrected derate calculations for expense month March 2021 for a credit of \$5,212.99

^(c) Refund for an incorrect load reconciliation affecting power purchased in expense month July 2022 for a credit of \$1,619,071.76

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: January 2023

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	264,357,000
<u>Purchases Including Interchange-In</u>	(+)	<u>95,162,510</u>
Sub-Total		<u>359,519,510</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	2,650,890
<u>System Losses (356,868,620 KWH times 6.7% ^(a))</u>	(+)	<u>23,910,198</u>
Sub-Total		<u>26,561,088</u>
 C. Total Sales (A - B)		 <u><u>332,958,422</u></u>

Note: ^(a) Average of prior 12 months.

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: December 2022

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 10,367,413.94
Oil Burned	(+)	6,100,711.49
Gas Burned	(+)	745,805.00
Net Fuel Related RTO Billing Line Items	(-)	2,735,734.29
Fuel (assigned cost during Forced Outage ^(a))	(+)	975,608.32
Fuel (substitute cost during Forced Outage ^(a))	(-)	901,474.76
Sub-Total		<u>\$ 14,552,329.70</u>
B. Purchases		
Economy Purchases	(+)	\$ 4,897,685.06
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	1,580,784.28
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 3,316,900.78</u>
C. Non-Native Sales Fuel Costs	(-)	\$3,871,611.69
D. Total Fuel Costs (A + B - C)		<u><u>\$ 13,997,618.79</u></u>

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
OVER OR (UNDER) RECOVERY SCHEDULE**

Expense Month: November 2022

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.035278
2	Retail kWh Billed at Above Rate	(x)	391,373,141
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 13,806,861.68</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	296,154,378
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>296,154,378</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 10,447,734.15
8	Over or (Under) (Line 3 - Line 7)		\$ 3,359,127.53
9	Total Sales (Schedule 3, Line C)	(-)	332,958,422
10	Kentucky Jurisdictional Sales	(+)	<u>332,958,422</u>
11	Ratio of Total Sales to KY Jurisdictional Sales (Line 9 ÷ Line 10)		1.00000
12	Total Company Over or (Under) Recovery (Line 8 * Line 11)	(+)	\$ 3,359,127.53
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 3,359,127.53</u></u>

**DUKE ENERGY KENTUCKY
REGIONAL TRANSMISSION ORGANIZATION RESETTLEMENTS
FUEL COST SCHEDULE**

Expense Month: September 2022

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	5,261,728.90
Oil Burned	(+)		467,406.17
Gas Burned	(+)		214,650.00
Net Fuel Related RTO Billing Line Items	(-)		(169,919.97)
Fuel (assigned cost during Forced Outage ^(a))	(+)		11,122.19
Fuel (substitute cost during Forced Outage ^(a))	(-)		-
Sub-Total		\$	6,124,827.23
B. Purchases			
Economy Purchases	(+)	\$	14,499,047.17
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage ^(a))	(-)		39,271.27
Less purchases above highest cost units	(-)		
Sub-Total		\$	14,459,775.90
C. Non-Native Sales Fuel Costs	(-)	\$	215,310.70
D. Total Fuel Costs (A + B - C)		\$	20,369,292.43
E. Total Fuel Costs Previously Reported	(-)	\$	20,106,481.68
F. Prior Period Adjustment	(+)	\$	-
G. Adjustment due to PJM Resettlements		\$	262,810.75

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

**DUKE ENERGY KENTUCKY
PRIOR PERIOD CORRECTIONS
FUEL COST SCHEDULE**

Expense Month: March 2021		Original March 21 S105	Revised March 21 S105	Adjustment
		Exp Month: July 2021	Updated in Exp Month: January 2023	March 2021 Settlement Update Dollars (\$) ^(b)
A. Company Generation				
Coal Burned	(+)	\$ -	\$ -	\$ -
Oil Burned	(+)	-	-	-
Gas Burned	(+)	-	-	-
Net Fuel Related RTO Billing Line Items	(-)	-	-	-
Fuel (assigned cost during Forced Outage(a))	(+)	31,259.18	31,259.16	(0.02)
Fuel (substitute cost during Forced Outage(a))	(-)	(5,213.31)	-	5,213.31
Sub-Total		\$ 36,472.49	\$ 31,259.16	\$ (5,213.33)
B. Purchases				
Economy Purchases	(+)	\$ -	\$ -	\$ -
Other Purchases	(+)	-	-	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	36,985.48	36,985.14	(0.34)
Less purchases above highest cost units	(-)	-	-	-
Sub-Total		\$ (36,985.48)	\$ (36,985.14)	\$ 0.34
C. Non-Native Sales Fuel Costs				
		\$ -	\$ -	\$ -
D. Total Fuel Costs (A + B - C)				
		\$ (512.99)	\$ (5,725.98)	\$ (5,212.99)
E. Total Fuel Costs Previously Reported				
		\$ -	\$ -	\$ -
F. Prior Period Adjustment				
		\$ -	\$ -	\$ -
G. Adjustment due to PJM Resettlements				
		\$ (512.99)	\$ (5,725.98)	\$ (5,212.99)

Expense Month: July 2022		Original July 22 S105	Revised July 22 S105	Adjustment
		Exp Month: November 2022	Updated in Exp Month: January 2023	July 2022 Settlement Update Dollars (\$) ^(c)
A. Company Generation				
Coal Burned	(+)	\$ -	\$ -	\$ -
Oil Burned	(+)	-	-	-
Gas Burned	(+)	-	-	-
Net Fuel Related RTO Billing Line Items	(-)	-	-	-
Fuel (assigned cost during Forced Outage(a))	(+)	-	-	-
Fuel (substitute cost during Forced Outage(a))	(-)	-	-	-
Sub-Total		\$ -	\$ -	\$ -
B. Purchases				
Economy Purchases	(+)	\$ 12,042,718.61	\$ 10,423,646.85	\$ (1,619,071.76)
Other Purchases	(+)	-	-	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-	-	-
Less purchases above highest cost units	(-)	-	-	-
Sub-Total		\$ 12,042,718.61	\$ 10,423,646.85	\$ (1,619,071.76)
C. Non-Native Sales Fuel Costs				
		\$ -	\$ -	\$ -
D. Total Fuel Costs (A + B - C)				
		\$ 12,042,718.61	\$ 10,423,646.85	\$ (1,619,071.76)
E. Total Fuel Costs Previously Reported				
		\$ -	\$ -	\$ -
F. Prior Period Adjustment				
		\$ -	\$ -	\$ -
G. Adjustment due to PJM Resettlements				
		\$ 12,042,718.61	\$ 10,423,646.85	\$ (1,619,071.76)

Note: ^(a) Forced Outage as defined in 807 KAR 5:056.

^(b) Corrected derate calculations for March 2021

^(c) Refund for incorrect load reconciliation affecting power purchased on July 7, 2022