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Libbie S. Miller  
Rates & Regulatory Lead Analyst

January 22, 2021

Ms. Linda Bridwell, Executive Director

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

RECEIVED

JAN 22 2021

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 2021.

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: **December 2020**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 7,537,082.94	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 331,139,835	0.022761
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>(0.001076)</u></u>

Effective Date for Billing: February 2, 2021

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: January 22, 2021

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: December 2020**

	<u>Dollars (\$)</u>
<b>A. Company Generation</b>	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
Sub-Total	<u>\$ 8,438,780.25</u>
<b>B. Purchases</b>	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 457,932.90</u>
<b>C. Non-Native Sales Fuel Costs</b>	<b>(-) \$ 1,501,374.59</b>
<b>D. Total Fuel Costs (A + B - C)</b>	<b>(+) \$ 7,395,338.56 <sup>(b)</sup></b>
<b>E. Total Company Over or (Under) Recovery from Schedule 5, Line 14</b>	<b>(-) \$ 203,023.98</b>
<b>F. Adjustment indicating the difference in actual fuel cost for the month of November 2020 and the estimated cost originally reported \$7,415,693.30 - \$7,026,358.13</b>	(+)
(actual) (estimate)	\$ 389,335.17
<b>G. RTO Resettlements for prior periods from Schedule 6, Line G</b>	<b>(+) \$ (44,566.81)</b>
<b>H. Prior Period Correction</b>	<b>(+) \$ -</b>
<b>I. Deferral of Current Purchased Power Costs</b>	<b>(-) \$ -</b>
<b>J. Amount of Deferred Purchased Power Costs included in the filing</b>	<b>(+) \$ -</b>
<b>K. Grand Total Fuel Cost (D - E + F + G + H - I + J)</b>	<b><u>\$ 7,537,082.94</u></b>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: December 2020**

		<b><u>Kilowatt-Hours Current Month</u></b>
A. Generation (Net)	(+)	397,619,000
<u>Purchases Including Interchange-In</u>	(+)	<u>19,688,766</u>
Sub-Total		<u>417,307,766</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	63,903,460
<u>System Losses (353,404,306 KWH times 6.3% <sup>(a)</sup>)</u>	(+)	<u>22,264,471</u>
Sub-Total		<u>86,167,931</u>
 C. Total Sales (A - B)		 <u><u>331,139,835</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: November 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	1,617,603.79
Oil Burned	(+)		157,233.99
Gas Burned	(+)		(956.45)
Net Fuel Related RTO Billing Line Items	(-)		(18,467.65)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		51,594.57
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		<b>\$</b>	<b>1,843,943.55</b>
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	5,687,506.73
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		53,443.70
Less purchases above highest cost units	(-)		0.00
Sub-Total		<b>\$</b>	<b>5,634,063.03</b>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	<b>\$</b>	<b>62,313.28</b>
<b>D. Total Fuel Costs (A + B - C)</b>		<b>\$</b>	<b>7,415,693.30</b>

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: October 2020**

<b>Line No.</b>	<b>Description</b>		
1	FAC Rate Billed (\$/kWh)	(+)	0.003406
2	Retail kWh Billed at Above Rate	(x)	<u>336,168,917</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 1,144,991.33</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	276,561,171
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>276,561,171</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 941,967.35
8	Over or (Under) (Line 3 - Line 7)		\$ 203,023.98
9	Total Sales (Schedule 3, Line C)	(-)	331,139,835
10	Kentucky Jurisdictional Sales	(+)	<u>331,139,835</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)	(+)	\$ 203,023.98
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 203,023.98</u></u>

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

**Expense Month: August 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ 7,864,886.15
Oil Burned	(+)	83,127.74
Gas Burned	(+)	343,250.35
Net Fuel Related RTO Billing Line Items	(-)	(215,834.51)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	-
Sub-Total		\$ 8,507,098.75
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 723,080.72
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 723,080.72
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$583,614.76
<b>D. Total Fuel Costs (A + B - C)</b>		\$ 8,646,564.71
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$ 8,691,131.52
<b>F. Prior Period Adjustment</b>	(+)	\$ -
<b>G. Adjustment due to PJM Resettlements</b>		\$ (44,566.81)

Note: <sup>(a)</sup> 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: **November 2020**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 6,871,397.60	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 271,235,251	0.025334
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.001497</u></u>

Effective Date for Billing: January 4, 2021

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: December 18, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: November 2020**

	<u>Dollars (\$)</u>
<b>A. Company Generation</b>	
Coal Burned	(+) \$ 1,617,603.73
Oil Burned	(+) 157,233.99
Gas Burned	(+) (956.45)
Net Fuel Related RTO Billing Line Items	(-) 45,417.10
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
Sub-Total	<u>\$ 1,728,464.17</u>
<b>B. Purchases</b>	
Economy Purchases	(+) \$ 5,415,654.53
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-) -
Less purchases above highest cost units	(-) -
Sub-Total	<u>\$ 5,415,654.53</u>
<b>C. Non-Native Sales Fuel Costs</b>	<b>(-) \$ 117,760.57</b>
<b>D. Total Fuel Costs (A + B - C)</b>	<b>(+) \$ 7,026,358.13 <sup>(b)</sup></b>
<b>E. Total Company Over or (Under) Recovery from Schedule 5, Line 14</b>	<b>(-) \$ 75,005.74</b>
<b>F. Adjustment indicating the difference in actual fuel cost for the month of October 2020 and the estimated cost originally reported \$7,567,317.10 - \$7,599,069.47</b>	<b>(+) \$ (31,752.37)</b>
(actual) (estimate)	
<b>G. RTO Resettlements for prior periods from Schedule 6, Line G</b>	<b>(+) \$ (48,202.42)</b>
<b>H. Prior Period Correction</b>	<b>(+) \$ -</b>
<b>I. Deferral of Current Purchased Power Costs</b>	<b>(-) \$ -</b>
<b>J. Amount of Deferred Purchased Power Costs included in the filing</b>	<b>(+) \$ -</b>
<b>K. Grand Total Fuel Cost (D - E + F + G + H - I + J)</b>	<b>\$ 6,871,397.60</b>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: November 2020**

		<u><b>Kilowatt-Hours Current Month</b></u>
A. Generation (Net)	(+)	67,256,800
<u>Purchases Including Interchange-In</u>	(+)	<u>227,121,151</u>
Sub-Total		<u>294,377,951</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	4,596,700
<u>System Losses (289,781,251 KWH times 6.4% <sup>(a)</sup>)</u>	(+)	<u>18,546,000</u>
Sub-Total		<u>23,142,700</u>
 C. Total Sales (A - B)		 <u><u>271,235,251</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: October 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	-
Oil Burned	(+)		68,951.63
Gas Burned	(+)		342,000.00
Net Fuel Related RTO Billing Line Items	(-)		326,631.14
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		\$	84,320.49
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	7,484,199.53
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	7,484,199.53
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$	1,202.92
<b>D. Total Fuel Costs (A + B - C)</b>		\$	7,567,317.10

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: September 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.002240)
2	Retail kWh Billed at Above Rate	(x)	<u>278,738,615</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (624,374.50)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	312,223,321
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>312,223,321</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ (699,380.24)
8	Over or (Under) (Line 3 - Line 7)		\$ 75,005.74
9	Total Sales (Schedule 3, Line C)	(-)	271,235,251
10	Kentucky Jurisdictional Sales	(+)	<u>271,235,251</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)	(+)	\$ 75,005.74
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 75,005.74</u></u>

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

**Expense Month: July 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	7,847,912.53
Oil Burned	(+)		104,344.22
Gas Burned	(+)		1,308,476.93
Net Fuel Related RTO Billing Line Items	(-)		241,052.67
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		128,780.20
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		31,416.50
Sub-Total		\$	9,117,044.71
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	1,384,261.40
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		111,927.30
Less purchases above highest cost units	(-)		-
Sub-Total		\$	1,272,334.10
<b>C. Non-Native Sales Fuel Costs</b>	(-)		\$847,368.33
<b>D. Total Fuel Costs (A + B - C)</b>		\$	9,542,010.48
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	9,590,212.90
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	(48,202.42)

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Libbie S. Miller  
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November 20, 2020

Mr. Kent A. Chandler, Acting Executive Director

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

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NOV 20 2020

PUBLIC SERVICE  
COMMISSION

Dear Mr. Chandler:

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 December 2020.

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: **October 2020**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 7,534,260.82	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 276,561,171	0.027243
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.003406</u></u>

Effective Date for Billing: December 1, 2020

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: November 20, 2020



**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: October 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
Sub-Total	\$ 122,100.72
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
Less purchases above highest cost units	(-)
Sub-Total	\$ 7,478,132.08
C. Non-Native Sales Fuel Costs	(-)
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)
F. Adjustment indicating the difference in actual fuel cost for the month of September 2020 and the estimated cost originally reported \$6,661,526.85 - \$6,703,016.38	(+)
(actual)                      (estimate)	(41,489.53)
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)
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)	\$ 7,534,260.82

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: October 2020**

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	7,895,000
<u>Purchases Including Interchange-In</u>	(+)	<u>287,603,347</u>
Sub-Total		<u>295,498,347</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	27,010
<u>System Losses (295,471,337 KWH times 6.4% <sup>(a)</sup>)</u>	(+)	<u>18,910,166</u>
Sub-Total		<u>18,937,176</u>
 C. Total Sales (A - B)		<u><u>276,561,171</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: September 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	3,688,942.83
Oil Burned	(+)		77,029.31
Gas Burned	(+)		67,819.00
Net Fuel Related RTO Billing Line Items	(-)		(116,472.43)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		<b>\$</b>	<b><u>3,950,263.57</u></b>
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	2,873,737.47
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total		<b>\$</b>	<b><u>2,873,737.47</u></b>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	<b>\$</b>	<b>162,474.19</b>
<b>D. Total Fuel Costs (A + B - C)</b>		<b>\$</b>	<b><u><u>6,661,526.85</u></u></b>

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: August 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000366
2	Retail kWh Billed at Above Rate	(x)	<u>277,840,711</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 101,689.70</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	368,266,169
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>368,266,169</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 134,785.42
8	Over or (Under) (Line 3 - Line 7)		\$ (33,095.72)
9	Total Sales (Schedule 3, Line C)	(-)	276,561,171
10	Kentucky Jurisdictional Sales	(+)	<u>276,561,171</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)	(+)	\$ (33,095.72)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (33,095.72)</u></u>

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

**Expense Month: June 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	5,951,286.26
Oil Burned	(+)		232,654.43
Gas Burned	(+)		197,150.12
Net Fuel Related RTO Billing Line Items	(-)		(115,525.55)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		816,293.24
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		16,047.76
Sub-Total		\$	7,296,861.84
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	1,801,872.28
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		800,245.48
Less purchases above highest cost units	(-)		-
Sub-Total		\$	1,001,626.80
<b>C. Non-Native Sales Fuel Costs</b>	(-)		\$266,262.61
<b>D. Total Fuel Costs (A + B - C)</b>		\$	8,032,226.03
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	8,075,260.87
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	(43,034.84)

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: April 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ -
Oil Burned	(+)	-
Gas Burned	(+)	-
Net Fuel Related RTO Billing Line Item 2375 - Balance Operating Reserve	(-)	13,380.00
Fuel (assigned cost during Forced Outage(a))	(+)	-
Fuel (substitute cost during Forced Outage(a))	(-)	-
<u>Sub-Total</u>		<u>\$ (13,380.00)</u>
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ -
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	\$ -
<u>Less purchases above highest cost units</u>	(-)	-
<u>Sub-Total</u>		<u>\$ -</u>
<b>C. Non-Native Sales Fuel Costs</b>		\$ -
<b>D. Total Fuel Costs (A + B - C)</b>		<u>\$ (13,380.00)</u>
<b>E. Total Fuel Costs Previously Reported</b>		\$ -
<b>F. Prior Period Adjustment</b>		\$ -
<b>G. Adjustment due to PJM Resettlements</b>		<u>\$ (13,380.00)</u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Libbie S. Miller  
Rates & Regulatory Lead Analyst

October 16, 2020

Mr. Kent A. Chandler, Acting Executive Director

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

RECEIVED

OCT 16 2020

PUBLIC SERVICE  
COMMISSION

Dear Mr. Chandler:

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 November 2020.

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 2020**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 6,742,998.80	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 312,223,321	0.021597
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>(0.002240)</u></u>

Effective Date for Billing: October 28, 2020

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: October 16, 2020



**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: September 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
Sub-Total	\$ 3,974,158.15
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
Less purchases above highest cost units	(-)
Sub-Total	\$ 2,891,823.73
C. Non-Native Sales Fuel Costs	(-)
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)
F. Adjustment indicating the difference in actual fuel cost for the month of August 2020 and the estimated cost originally reported \$8,691,131.52 - \$8,734,690.28	(+)
(actual)                      (estimate)	\$ (43,558.76)
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)
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)	\$ 6,742,998.80

.....

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: September 2020**

		<b><u>Kilowatt-Hours Current Month</u></b>
A. Generation (Net)	(+)	193,020,200
<u>Purchases Including Interchange-In</u>	(+)	<u>148,571,491</u>
Sub-Total		<u>341,591,691</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	7,305,480
<u>System Losses (334,286,211 KWH times 6.6% <sup>(a)</sup>)</u>	(+)	<u>22,062,890</u>
Sub-Total		<u>29,368,370</u>
 C. Total Sales (A - B)		 <u><u>312,223,321</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: August 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	7,864,886.17
Oil Burned	(+)		83,127.74
Gas Burned	(+)		343,250.35
Net Fuel Related RTO Billing Line Items	(-)		(216,118.55)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		<b>\$</b>	<b>8,507,382.81</b>
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	747,561.55
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total		<b>\$</b>	<b>747,561.55</b>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	<b>\$</b>	<b>563,812.84</b>
<b>D. Total Fuel Costs (A + B - C)</b>		<b>\$</b>	<b>8,691,131.52</b>

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: July 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.001614
2	Retail kWh Billed at Above Rate	(x)	<u>355,216,301</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 573,319.11</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	406,608,056
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>406,608,056</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 656,265.40
8	Over or (Under) (Line 3 - Line 7)		\$ (82,946.29)
9	Total Sales (Schedule 3, Line C)	(-)	312,223,321
10	Kentucky Jurisdictional Sales	(+)	<u>312,223,321</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)	(+)	\$ (82,946.29)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (82,946.29)</u></u>

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

**Expense Month: May 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	-
Oil Burned	(+)		51,609.97
Gas Burned	(+)		55,350.00
Net Fuel Related RTO Billing Line Items	(-)		1,403,068.84
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		-
Sub-Total		\$	(1,296,108.87)
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	5,430,186.02
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		-
Less purchases above highest cost units	(-)		-
Sub-Total		\$	5,430,186.02
<b>C. Non-Native Sales Fuel Costs</b>	(-)		\$0.00
<b>D. Total Fuel Costs (A + B - C)</b>		\$	4,134,077.15
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	4,133,482.26
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	594.89

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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September 18, 2020

Mr. Kent A. Chandler, Acting Executive Director

Kentucky Public Service Commission  
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Frankfort, Kentucky 40602-0615

RECEIVED

SEP 18 2020

PUBLIC SERVICE  
COMMISSION

Dear Mr. Chandler:

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 2020.

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 2020

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 8,913,017.52	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 368,266,169	0.024203
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.000366</u></u>

Effective Date for Billing: September 29, 2020

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: September 18, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: August 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
<u>Sub-Total</u>	<u>\$ 8,525,947.99</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
<u>Less purchases above highest cost units</u>	<u>(-)</u>
Sub-Total	<u>\$ 773,507.13</u>
C. Non-Native Sales Fuel Costs	(-)
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)
F. Adjustment indicating the difference in actual fuel cost for the month of July 2020 and the estimated cost originally reported \$9,590,212.90 - \$9,742,410.71	(+)
(actual) (estimate)	\$ (152,197.81)
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)
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>\$ 8,913,017.52</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month



**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: August 2020**

		<b><u>Kilowatt-Hours Current Month</u></b>
A. Generation (Net)	(+)	383,949,900
<u>Purchases Including Interchange-In</u>	(+)	<u>32,882,984</u>
Sub-Total		<u>416,832,884</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	22,121,020
<u>System Losses (394,711,864 KWH times 6.7% <sup>(a)</sup>)</u>	(+)	<u>26,445,695</u>
Sub-Total		<u>48,566,715</u>
 C. Total Sales (A - B)		 <u><u>368,266,169</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: July 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ 7,847,912.51
Oil Burned	(+)	104,346.15
Gas Burned	(+)	1,308,475.00
Net Fuel Related RTO Billing Line Items	(-)	252,616.17
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	129,235.91
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	31,416.50
Sub-Total		\$ 9,105,936.90
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 1,422,383.57
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	112,334.57
Less purchases above highest cost units	(-)	0.00
Sub-Total		\$ 1,310,049.00
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$ 825,773.00
<b>D. Total Fuel Costs (A + B - C)</b>		<b>\$ 9,590,212.90</b>

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: June 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.004684)
2	Retail kWh Billed at Above Rate	(x)	<u>373,103,947</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (1,747,618.89)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	342,463,490
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>342,463,490</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ (1,604,098.99)
8	Over or (Under) (Line 3 - Line 7)		\$ (143,519.90)
9	Total Sales (Schedule 3, Line C)	(-)	368,266,169
10	Kentucky Jurisdictional Sales	(+)	<u>368,266,169</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)	(+)	\$ (143,519.90)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (143,519.90)</u></u>

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

**Expense Month: April 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ -
Oil Burned	(+)	-
Gas Burned	(+)	2,398.56
Net Fuel Related RTO Billing Line Items	(-)	(91,295.63)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	-
Sub-Total		\$ 93,694.19
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 4,651,397.85
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 4,651,397.85
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$0.00
<b>D. Total Fuel Costs (A + B - C)</b>		\$ 4,745,092.04
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$ 4,558,086.89
<b>F. Prior Period Adjustment</b>	(+)	\$ -
<b>G. Adjustment due to PJM Resettlements</b>		\$ 187,005.15

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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August 18, 2020

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RECEIVED

AUG 18 2020

PUBLIC SERVICE  
COMMISSION

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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 2020

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 10,348,423.28	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 406,608,056	0.025451
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.001614</u></u>

Effective Date for Billing: August 28, 2020

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: August 18, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: July 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
<u>Sub-Total</u>	<u>\$ 9,232,775.46</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
<u>Less purchases above highest cost units</u>	<u>(-)</u>
<u>Sub-Total</u>	<u>\$ 1,344,267.65</u>
C. Non-Native Sales Fuel Costs	(-)
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)
F. Adjustment indicating the difference in actual fuel cost for the month of June 2020 and the estimated cost originally reported <b>\$8,075,260.87</b> - <b>\$8,163,672.75</b>	(+)
(actual) (estimate)	(\$ (88,411.88))
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)
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>\$ 10,348,423.28</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

<sup>(c)</sup> Refund of Green Hat default costs per February 4, 2020, Commission Order in Case No. 2019-00230.

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: July 2020**

		<b><u>Kilowatt-Hours Current Month</u></b>
A. Generation (Net)	(+)	395,461,700
<u>Purchases Including Interchange-In</u>	(+)	<u>61,144,241</u>
Sub-Total		<u>456,605,941</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	21,265,410
<u>System Losses (435,340,531 KWH times 6.6% <sup>(a)</sup>)</u>	(+)	<u>28,732,475</u>
Sub-Total		<u>49,997,885</u>
 C. Total Sales (A - B)		 <u><u>406,608,056</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.



**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: June 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ 5,951,286.27
Oil Burned	(+)	232,654.55
Gas Burned	(+)	197,150.00
Net Fuel Related RTO Billing Line Items	(-)	(114,504.91)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	821,848.82
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	16,047.76
Sub-Total		\$ 7,301,396.79
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 1,835,433.89
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	805,801.06
Less purchases above highest cost units	(-)	0.00
Sub-Total		\$ 1,029,632.83
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$ 255,768.75
<b>D. Total Fuel Costs (A + B - C)</b>		<b>\$ 8,075,260.87</b>

---

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: May 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.002343)
2	Retail kWh Billed at Above Rate	(x)	<u>380,080,149</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (890,527.79)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	272,497,694
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>272,497,694</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$	(638,462.10)
8	Over or (Under) (Line 3 - Line 7)	\$	(252,065.69)
9	Total Sales (Schedule 3, Line C)	(-)	406,608,056
10	Kentucky Jurisdictional Sales	(+)	<u>406,608,056</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)	(+)	\$ (252,065.69)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (252,065.69)</u></u>

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

**Expense Month: March 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	5,093,221.09
Oil Burned	(+)		200,239.36
Gas Burned	(+)		-
Net Fuel Related RTO Billing Line Items	(-)		(105,558.85)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		144,837.03
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		-
Sub-Total		\$	5,543,856.33
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	1,944,919.75
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		144,837.03
Less purchases above highest cost units	(-)		-
Sub-Total		\$	1,800,082.72
<b>C. Non-Native Sales Fuel Costs</b>	(-)		\$160,806.51
<b>D. Total Fuel Costs (A + B - C)</b>		\$	7,183,132.54
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	6,687,687.79
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	495,444.75

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Libbie S. Miller  
Rates & Regulatory Lead Analyst

July 20, 2020

Mr. Kent A. Chandler, Executive Director

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

RECEIVED

JUL 20 2020

PUBLIC SERVICE  
COMMISSION

Dear Mr. Chandler:

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 2020.

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 2020**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 6,559,111.32	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 342,463,490	0.019153
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005		(-) <u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>(0.004684)</u></u>

Effective Date for Billing: July 30, 2020

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: July 20, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: June 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
<u>Sub-Total</u>	<u>\$ 7,358,681.33</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
<u>Less purchases above highest cost units</u>	<u>(-)</u>
Sub-Total	<u>\$ 1,056,220.97</u>
C. Non-Native Sales Fuel Costs	(-)
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-)
F. Adjustment indicating the difference in actual fuel cost for the month of May 2020 and the estimated cost originally reported \$4,133,482.26 - \$5,665,128.65	(+)
(actual) (estimate)	\$ (1,531,646.39)
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)
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>\$ 6,559,111.32</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

<sup>(c)</sup> Refund of Green Hat default costs per February 4, 2020, Commission Order in Case No. 2019-00230.

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: June 2020**

		<b><u>Kilowatt-Hours Current Month</u></b>
A. Generation (Net)	(+)	285,770,500
<u>Purchases Including Interchange-In</u>	(+)	<u>89,018,039</u>
Sub-Total		<u>374,788,539</u>
 B. Pumped Storage Energy	(+)	 -
Non-Native Sales Including Interchange Out	(+)	9,688,870
<u>System Losses (365,099,669 KWH times 6.2% <sup>(a)</sup>)</u>	(+)	<u>22,636,179</u>
Sub-Total		<u>32,325,049</u>
 C. Total Sales (A - B)		 <u><u>342,463,490</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: May 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	-
Oil Burned	(+)		51,609.97
Gas Burned	(+)		55,350.00
Net Fuel Related RTO Billing Line Items	(-)		1,404,494.58
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total			<u>\$ (1,297,534.61)</u>
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	5,431,016.87
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total			<u>\$ 5,431,016.87</u>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$	-
<b>D. Total Fuel Costs (A + B - C)</b>			<u>\$ 4,133,482.26</u>

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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

**Expense Month: April 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000478
2	Retail kWh Billed at Above Rate	(x)	<u>312,773,117</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 149,505.55</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	240,199,260
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>240,199,260</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 114,815.25
8	Over or (Under) (Line 3 - Line 7)		\$ 34,690.30
9	Total Sales (Schedule 3, Line C)	(-)	342,463,490
10	Kentucky Jurisdictional Sales	(+)	<u>342,463,490</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)	(+)	\$ 34,690.30
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 34,690.30</u></u>

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

**Expense Month: February 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	3,476,385.38
Oil Burned	(+)		277,894.56
Gas Burned	(+)		30,900.00
Net Fuel Related RTO Billing Line Items	(-)		(288,139.62)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		-
Sub-Total		\$	4,073,319.56
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	4,013,108.12
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		-
Less purchases above highest cost units	(-)		-
Sub-Total		\$	4,013,108.12
<b>C. Non-Native Sales Fuel Costs</b>	(-)		\$26,764.73
<b>D. Total Fuel Costs (A + B - C)</b>		\$	8,059,662.95
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	8,044,801.70
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	14,861.25

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Libbie S. Miller  
Rates & Regulatory Lead Analyst

June 19, 2020

Mr. Kent A. Chandler, Executive Director

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

RECEIVED

JUN 16 2020

PUBLIC SERVICE  
COMMISSION

Dear Mr. Chandler:

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 July 2020.

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: **May 2020**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 5,856,984.50	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 272,497,694	0.021494
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>(0.002343)</u></u>

Effective Date for Billing: June 30, 2020

Submitted by: /s/ Libbie S. Miller

Title: Rates & Regulatory Lead Analyst

Date Submitted: June 19, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: May 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ -
Oil Burned	(+) 51,609.97
Gas Burned	(+) 55,350.00
Net Fuel Related RTO Billing Line Items	(-) (187,986.47)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+) -
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-) -
<u>Sub-Total</u>	<u>\$ 294,946.44</u>
B. Purchases	
Economy Purchases	(+) \$ 5,370,182.21
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-) -
Less purchases above highest cost units	(-) -
<u>Sub-Total</u>	<u>\$ 5,370,182.21</u>
C. Non-Native Sales Fuel Costs	(-) \$ -
D. Total Fuel Costs (A + B - C)	(+) \$ 5,665,128.65 <sup>(b)</sup>
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (18,093.54)
F. Adjustment indicating the difference in actual fuel cost for the month of April 2020 and the estimated cost originally reported <b>\$4,558,086.89</b> - <b>\$4,583,989.35</b>	(+) \$ (25,902.46)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ 252,750.76
H. Prior Period Correction	(+) \$ <b>(53,085.99)</b> <sup>(c)</sup>
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>\$ 5,856,984.50</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

<sup>(c)</sup> Refund of Green Hat default costs per February 4, 2020, Commission Order in Case No. 2019-00230.

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: May 2020**

		<u><b>Kilowatt-Hours Current Month</b></u>
A. Generation (Net)	(+)	2,945,000
<u>Purchases Including Interchange-In</u>	(+)	<u>287,874,311</u>
Sub-Total		<u>290,819,311</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	-
<u>System Losses (290,819,311 KWH times 6.3% <sup>(a)</sup>)</u>	(+)	<u>18,321,617</u>
Sub-Total		<u>18,321,617</u>
 C. Total Sales (A - B)		<u><u>272,497,694</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: April 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	-
Oil Burned	(+)		0.00
Gas Burned	(+)		2,398.56
Net Fuel Related RTO Billing Line Items	(-)		(75,131.99)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		\$	77,530.55
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	4,480,556.34
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	4,480,556.34
<b>C. Non-Native Sales Fuel Costs</b>			
	(-)	\$	-
<b>D. Total Fuel Costs (A + B - C)</b>			
		\$	4,558,086.89

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: March 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000661
2	Retail kWh Billed at Above Rate	(x)	255,417,201
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 168,830.77</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	282,790,188
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>282,790,188</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 186,924.31
8	Over or (Under) (Line 3 - Line 7)		\$ (18,093.54)
9	Total Sales (Schedule 3, Line C)	(-)	272,497,694
10	Kentucky Jurisdictional Sales	(+)	<u>272,497,694</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)	(+)	\$ (18,093.54)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (18,093.54)</u></u>



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

**Expense Month: January 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ 5,502,718.53
Oil Burned	(+)	159,719.05
Gas Burned	(+)	(10,650.00)
Net Fuel Related RTO Billing Line Items	(-)	(204,544.30)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	-
Sub-Total		<u>\$ 5,856,331.88</u>
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 2,628,411.11
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 2,628,411.11</u>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$278,971.26
<b>D. Total Fuel Costs (A + B - C)</b>		<u>\$ 8,205,771.73</u>
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$ 7,953,020.97
<b>F. Prior Period Adjustment</b>	(+)	\$ -
<b>G. Adjustment due to PJM Resettlements</b>		<u>\$ 252,750.76</u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Theodore H. Czupik Jr.  
Rates & Regulatory Strategy Manager

**VIA OVERNIGHT DELIVERY**

RECEIVED

May 22, 2020

MAY 20 2020

Mr. Kent A. Chandler, Executive Director

PUBLIC SERVICE  
COMMISSION

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

Dear Mr. Chandler:

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 2020.

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/ Theodore H. Czupik Jr.

Enclosure

**DUKE ENERGY KENTUCKY  
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **April 2020**

<b>Line No.</b>	<b>Description</b>	<b>Amount</b>	<b>Rate (\$/kWh)</b>
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 5,840,356.56	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 240,199,260	0.024315
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.000478</u></u>

Effective Date for Billing: June 1, 2020

Submitted by: /s/ Theodore H. Czupik Jr.

Title: Rates & Regulatory Strategy Manager

Date Submitted: May 22, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: April 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ -
Oil Burned	(+) -
Gas Burned	(+) 2,398.55
Net Fuel Related RTO Billing Line Items	(-) (109,005.63)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+) -
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-) -
<u>Sub-Total</u>	<u>\$ 111,404.18</u>
B. Purchases	
Economy Purchases	(+) \$ 4,472,585.17
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-) -
<u>Less purchases above highest cost units</u>	<u>(-) -</u>
<u>Sub-Total</u>	<u>\$ 4,472,585.17</u>
C. Non-Native Sales Fuel Costs	(-) \$ -
D. Total Fuel Costs (A + B - C)	(+) \$ 4,583,989.35 <sup>(b)</sup>
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (89,656.35)
F. Adjustment indicating the difference in actual fuel cost for the month of March 2020 and the estimated cost originally reported \$6,687,687.79 - \$6,792,761.14	(+) \$ (105,073.35)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ 1,308,864.05
H. Prior Period Correction	(+) \$ (37,079.84) <sup>(c)</sup>
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>\$ 5,840,356.56</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

<sup>(c)</sup> Refund of Green Hat default costs per December 26, 2019, Commission Order in Case No. 2019-00006.

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: April 2020**

		<u><b>Kilowatt-Hours Current Month</b></u>
A. Generation (Net)	(+)	2,000
<u>Purchases Including Interchange-In</u>	(+)	<u>256,347,264</u>
Sub-Total		<u>256,349,264</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	-
<u>System Losses (256,349,264 KWH times 6.3% <sup>(a)</sup>)</u>	(+)	<u>16,150,004</u>
Sub-Total		<u>16,150,004</u>
 C. Total Sales (A - B)		<u><u>240,199,260</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: March 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	5,093,221.09
Oil Burned	(+)		200,239.36
Gas Burned	(+)		0.00
Net Fuel Related RTO Billing Line Items	(-)		(108,009.71)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		137,040.84
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		\$	5,538,511.00
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	1,496,124.58
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		137,040.84
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	1,359,083.74
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$	209,906.95
<b>D. Total Fuel Costs (A + B - C)</b>		\$	6,687,687.79

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: February 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.001589
2	Retail kWh Billed at Above Rate	(x)	<u>271,308,924</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 431,109.88</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	327,732,051
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>327,732,051</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 520,766.23
8	Over or (Under) (Line 3 - Line 7)		\$ (89,656.35)
9	Total Sales (Schedule 3, Line C)	(-)	240,199,260
10	Kentucky Jurisdictional Sales	(+)	<u>240,199,260</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)	(+)	\$ (89,656.35)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (89,656.35)</u></u>

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

**Expense Month: December 2019**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	7,453,940.80
Oil Burned	(+)		159,518.68
Gas Burned	(+)		74,750.00
Net Fuel Related RTO Billing Line Items	(-)		(181,233.03)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		-
Sub-Total		\$	7,869,442.51
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	1,121,766.66
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		-
Less purchases above highest cost units	(-)		-
Sub-Total		\$	1,121,766.66
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$	212,206.91
<b>D. Total Fuel Costs (A + B - C)</b>		\$	8,779,002.26
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	7,470,138.21
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	1,308,864.05

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.





139 East Fourth Street  
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Theodore H. Czupik Jr.  
Rates & Regulatory Strategy Manager

**VIA OVERNIGHT DELIVERY**

April 20, 2020

Mr. Kent A. Chandler, Executive Director

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

Dear Mr. Chandler:

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 2020.

Please contact me if you have any questions.

Sincerely,

/s/ Theodore H. Czupik Jr.

Enclosure

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APR 16 2020

PUBLIC SERVICE  
COMMISSION

DUKE ENERGY KENTUCKY  
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: **March 2020**

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 6,927,777.66	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 282,790,188	0.024498
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.000661</u></u>

Effective Date for Billing: April 30, 2020

Submitted by: /s/ Theodore H. Czupik Jr.

Title: Rates & Regulatory Strategy Manager

Date Submitted: April 20, 2020

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: March 2020**

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
<u>Sub-Total</u>	<u>\$ 5,578,558.67</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
<u>Less purchases above highest cost units</u>	<u>(-)</u>
<u>Sub-Total</u>	<u>\$ 1,423,464.45</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 209,261.98</u>
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (2,807.26)
F. Adjustment indicating the difference in actual fuel cost for the month of February 2020 and the estimated cost originally reported \$8,044,801.70 - \$8,130,588.76	(+)
(actual) (estimate)	\$ (85,787.06)
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+)
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>\$ 6,927,777.66</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

<sup>(c)</sup> Refund of Green Hat default costs per December 26, 2019, Commission Order in Case No. 2019-00006.

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: March 2020**

		<u><b>Kilowatt-Hours Current Month</b></u>
A. Generation (Net)	(+)	221,895,000
<u>Purchases Including Interchange-In</u>	(+)	<u>87,570,888</u>
Sub-Total		<u>309,465,888</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	9,263,990
<u>System Losses (300,201,898 KWH times 5.8% <sup>(a)</sup>)</u>	(+)	<u>17,411,710</u>
Sub-Total		<u>26,675,700</u>
 C. Total Sales (A - B)		<u><u>282,790,188</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: February 2020**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	3,476,385.38
Oil Burned	(+)		277,894.56
Gas Burned	(+)		30,900.00
Net Fuel Related RTO Billing Line Items	(-)		(287,160.18)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		0.00
Sub-Total		\$	4,072,340.12
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	4,002,277.88
Other Purchases	(+)		0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		0.00
Less purchases above highest cost units	(-)		0.00
Sub-Total		\$	4,002,277.88
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$	29,816.30
<b>D. Total Fuel Costs (A + B - C)</b>		\$	8,044,801.70

---

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: January 2020**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000142
2	Retail kWh Billed at Above Rate	(x)	307,450,141
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 43,657.92</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	327,219,596
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>327,219,596</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 46,465.18
8	Over or (Under) (Line 3 - Line 7)		\$ (2,807.26)
9	Total Sales (Schedule 3, Line C)	(-)	282,790,188
10	Kentucky Jurisdictional Sales	(+)	<u>282,790,188</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)	(+)	\$ (2,807.26)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (2,807.26)</u></u>

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

**Expense Month: November 2019**

			<u>Dollars (\$)</u>
<b>A. Company Generation</b>			
Coal Burned	(+)	\$	1,113,734.74
Oil Burned	(+)		412,468.64
Gas Burned	(+)		99,075.00
Net Fuel Related RTO Billing Line Items	(-)		29,118.25
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		11,103.53
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		-
Sub-Total		\$	1,607,263.66
<b>B. Purchases</b>			
Economy Purchases	(+)	\$	9,392,682.61
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		11,103.53
Less purchases above highest cost units	(-)		-
Sub-Total		\$	9,381,579.08
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$	83,589.08
<b>D. Total Fuel Costs (A + B - C)</b>		\$	10,905,253.66
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$	10,650,177.50
<b>F. Prior Period Adjustment</b>	(+)	\$	-
<b>G. Adjustment due to PJM Resettlements</b>		\$	255,076.16

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Theodore H. Czupik Jr.  
Rates & Regulatory Strategy Manager

**VIA OVERNIGHT DELIVERY**

RECEIVED

March 20, 2020

MAR 17 2020

Mr. Kent A. Chandler, Executive Director

PUBLIC SERVICE  
COMMISSION

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

Dear Mr. Chandler:

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 2020.

Please contact me if you have any questions.

Sincerely,

Theodore H. Czupik Jr.

Enclosure



DUKE ENERGY KENTUCKY  
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: February 2020

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 8,332,812.38	
2	Sales $S_m$ (Schedule 3, Line C)	÷ 327,732,051	0.025426
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005		(-) 0.023837
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u>0.001589</u>

Effective Date for Billing: March 31, 2020

Submitted by: *Theodore H. Cypik Jr*

Title: Rates & Regulatory Strategy Manager

Date Submitted: March 20, 2020

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MAR 17 2020

PUBLIC SERVICE  
COMMISSION

**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: February 2020**

	<u>Dollars (\$)</u>
<b>A. Company Generation</b>	
Coal Burned	(+) \$ 3,476,385.61
Oil Burned	(+) 277,894.56
Gas Burned	(+) 30,900.00
Net Fuel Related RTO Billing Line Items	(-) (355,125.79)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+) -
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-) -
<u>Sub-Total</u>	<u>\$ 4,140,305.96</u>
<b>B. Purchases</b>	
Economy Purchases	(+) \$ 4,015,544.30
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-) -
Less purchases above highest cost units	(-) -
<u>Sub-Total</u>	<u>\$ 4,015,544.30</u>
<b>C. Non-Native Sales Fuel Costs</b>	(-) <u>\$ 25,261.50</u>
<b>D. Total Fuel Costs (A + B - C)</b>	(+) \$ 8,130,588.76 <sup>(b)</sup>
<b>E. Total Company Over or (Under) Recovery from Schedule 5, Line 14</b>	(-) \$ 18,122.70
<b>F. Adjustment indicating the difference in actual fuel cost for the month of January 2020 and the estimated cost originally reported \$7,953,020.97 - \$8,005,298.86</b>	(+) \$ (52,277.89)
(actual)                      (estimate)	
<b>G. RTO Resettlements for prior periods from Schedule 6, Line G</b>	(+) \$ 309,704.05
<b>H. Prior Period Correction</b>	(+) \$ (37,079.84) <sup>(c)</sup>
<b>I. Deferral of Current Purchased Power Costs</b>	(-) \$ -
<b>J. Amount of Deferred Purchased Power Costs included in the filing</b>	(+) \$ -
<b>K. Grand Total Fuel Cost (D - E + F + G + H - I + J)</b>	<u><u>\$ 8,332,812.38</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

<sup>(c)</sup> Refund of Green Hat default costs per December 26, 2019, Commission Order in Case No. 2019-00006.

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: February 2020**

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	151,344,500
<u>Purchases Including Interchange-In</u>	(+)	<u>196,158,350</u>
Sub-Total		<u>347,502,850</u>
 B. Pumped Storage Energy	(+)	 -
Non-Native Sales Including Interchange Out	(+)	1,063,050
<u>System Losses (346,439,800 KWH times 5.4% <sup>(a)</sup>)</u>	(+)	<u>18,707,749</u>
Sub-Total		<u>19,770,799</u>
 C. Total Sales (A - B)		 <u><u>327,732,051</u></u>

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Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: January 2020**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ 5,502,718.52
Oil Burned	(+)	159,719.05
Gas Burned	(+)	(10,650.00)
Net Fuel Related RTO Billing Line Items	(-)	(211,153.90)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	0.00
Sub-Total		<u>\$ 5,862,941.47</u>
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 2,453,132.97
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	0.00
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 2,453,132.97</u>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$ 363,053.47
<b>D. Total Fuel Costs (A + B - C)</b>		<u><u>\$ 7,953,020.97</u></u>

.....

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: December 2019**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.001660)
2	Retail kWh Billed at Above Rate	(x)	<u>314,750,639</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (522,486.06)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	325,667,929
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>325,667,929</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ (540,608.76)
8	Over or (Under) (Line 3 - Line 7)		\$ 18,122.70
9	Total Sales (Schedule 3, Line C)	(-)	327,732,051
10	Kentucky Jurisdictional Sales	(+)	<u>327,732,051</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)	(+)	\$ 18,122.70
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 18,122.70</u></u>

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

**Expense Month: October 2019**

			<u>Dollars (\$)</u>
A. Company Generation			
Coal Burned	(+)	\$	150,709.39
Oil Burned	(+)		10,271.59
Gas Burned	(+)		135,309.30
Net Fuel Related RTO Billing Line Items	(-)		(1,374,825.51)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)		959,857.20
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)		96,437.27
<u>Sub-Total</u>		<u>\$</u>	<u>2,534,535.72</u>
 B. Purchases			
Economy Purchases	(+)	\$	8,693,950.62
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)		1,550,626.44
<u>Less purchases above highest cost units</u>	(-)		<u>12,104.09</u>
<u>Sub-Total</u>		<u>\$</u>	<u>7,131,220.09</u>
 C. Non-Native Sales Fuel Costs	(-)	\$	-
 D. Total Fuel Costs (A + B - C)			<u>\$ 9,665,755.81</u>
 E. Total Fuel Costs Previously Reported	(-)	\$	9,356,051.76
 F. Prior Period Adjustment	(+)	\$	-
 G. Adjustment due to PJM Resettlements			<u>\$ 309,704.05</u>

.....

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.



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Theodore H. Czupik Jr.  
Rates & Regulatory Strategy Manager

**VIA OVERNIGHT DELIVERY**

RECEIVED

February 21, 2020

FEB 19 2020

Mr. Kent A. Chandler, Executive Director

PUBLIC SERVICE  
COMMISSION

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

Dear Mr. Chandler:

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 March 2020.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Theodore H. Czupik Jr.'.

Theodore H. Czupik Jr.

Enclosure

**DUKE ENERGY KENTUCKY  
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **January 2020**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel $F_m$ (Schedule 2, Line K)	\$ 7,846,536.64	
2	Sales $S_m$ (Schedule 3, Line C) ÷	327,219,596	0.023979
3	Base Fuel Rate ( $F_b/S_b$ ) per PSC Order in Case No. 2017-00005	(-)	<u>0.023837</u>
4	Fuel Adjustment Clause Rate (Line 2 - Line 3)		<u><u>0.000142</u></u>

Effective Date for Billing: March 2, 2020

Submitted by: Theodore H. Gypch Jr.

Title: Rates & Regulatory Strategy Manager

Date Submitted: February 21, 2020



**DUKE ENERGY KENTUCKY  
FUEL COST SCHEDULE**

**Expense Month: January 2020**

	<u>Dollars (\$)</u>
<b>A. Company Generation</b>	
Coal Burned	(+)
Oil Burned	(+)
Gas Burned	(+)
Net Fuel Related RTO Billing Line Items	(-)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)
<u>Sub-Total</u>	<u>\$ 5,909,805.28</u>
<b>B. Purchases</b>	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)
Less purchases above highest cost units	(-)
<u>Sub-Total</u>	<u>\$ 2,458,547.01</u>
<b>C. Non-Native Sales Fuel Costs</b>	(-) <u>\$ 363,053.43</u>
<b>D. Total Fuel Costs (A + B - C)</b>	(+)
<b>E. Total Company Over or (Under) Recovery from Schedule 5, Line 14</b>	(-) \$ 478,728.37
<b>F. Adjustment indicating the difference in actual fuel cost for the month of December 2019 and the estimated cost originally reported \$7,470,138.21 - \$7,599,516.09</b>	(+)
(actual)                      (estimate)	\$ (129,377.88)
<b>G. RTO Resettlements for prior periods from Schedule 6, Line G</b>	(+)
<b>H. Prior Period Correction</b>	(+)
<b>I. Deferral of Current Purchased Power Costs</b>	(-)
<b>J. Amount of Deferred Purchased Power Costs included in the filing</b>	(+)
<b>K. Grand Total Fuel Cost (D - E + F + G + H - I + J)</b>	<u><u>\$ 7,846,536.64</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

<sup>(b)</sup> Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: January 2020**

		<u><b>Kilowatt-Hours Current Month</b></u>
A. Generation (Net)	(+)	257,276,000
<u>Purchases Including Interchange-In</u>	(+)	<u>106,568,041</u>
Sub-Total		<u>363,844,041</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	16,845,530
<u>System Losses (346,998,511 KWH times 5.7%<sup>(a)</sup>)</u>	(+)	<u>19,778,915</u>
Sub-Total		<u>36,624,445</u>
 C. Total Sales (A - B)		 <u><u>327,219,596</u></u>

Note: <sup>(a)</sup> Average of prior 12 months.

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: December 2019**

	<u>Dollars (\$)</u>
<b>A. Company Generation</b>	
Coal Burned	(+ \$ 7,453,940.79
Oil Burned	(+ 159,518.68
Gas Burned	(+ 74,750.00
Net Fuel Related RTO Billing Line Items	(- (171,061.70)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+ 0.00
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(- 0.00
Sub-Total	<u>\$ 7,859,271.17</u>
<b>B. Purchases</b>	
Economy Purchases	(+ \$ 314,945.47
Other Purchases	(+ 0.00
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(- 0.00
Less purchases above highest cost units	(- 0.00
Sub-Total	<u>\$ 314,945.47</u>
<b>C. Non-Native Sales Fuel Costs</b>	(- \$ 704,078.43
<b>D. Total Fuel Costs (A + B - C)</b>	<u><u>\$ 7,470,138.21</u></u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

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

**Expense Month: November 2019**

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.012754
2	Retail kWh Billed at Above Rate	(x)	<u>342,826,698</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 4,372,411.70</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	305,291,150
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>305,291,150</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,893,683.33
8	Over or (Under) (Line 3 - Line 7)		\$ 478,728.37
9	Total Sales (Schedule 3, Line C)	(-)	327,219,596
10	Kentucky Jurisdictional Sales	(÷)	<u>327,219,596</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)	(+)	\$ 478,728.37
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 478,728.37</u></u>

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

**Expense Month: September 2019**

		<u>Dollars (\$)</u>
<b>A. Company Generation</b>		
Coal Burned	(+)	\$ 7,534,035.23
Oil Burned	(+)	929,678.90
Gas Burned	(+)	785,024.60
Net Fuel Related RTO Billing Line Items	(-)	(471,821.81)
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+)	-
Fuel (substitute cost during Forced Outage <sup>(a)</sup> )	(-)	-
Sub-Total		<u>\$ 9,720,560.54</u>
<b>B. Purchases</b>		
Economy Purchases	(+)	\$ 976,621.39
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 976,621.39</u>
<b>C. Non-Native Sales Fuel Costs</b>	(-)	\$ 1,088,941.81
<b>D. Total Fuel Costs (A + B - C)</b>		<u>\$ 9,608,240.12</u>
<b>E. Total Fuel Costs Previously Reported</b>	(-)	\$ 9,158,896.09
<b>F. Prior Period Adjustment</b>	(+)	\$ -
<b>G. Adjustment due to PJM Resettlements</b>		<u>\$ 449,344.03</u>

Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.