



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

RECEIVED

January 21, 2020

JAN 21 2020

Ms. Gwen R. Pinson, Executive Director

PUBLIC SERVICE
COMMISSION

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

Dear Ms. Pinson:

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 2020.

Please contact me if you have any questions.

Sincerely,

Theodore H. Czupik Jr.

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month:

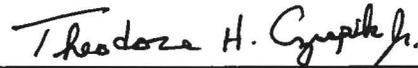
December 2019

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 7,222,379.71	
2	Sales S_m (Schedule 3, Line C)	+ 325,667,929	0.022177
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>(0.001660)</u></u>

Effective Date for Billing:

January 31, 2020

Submitted by:



Title:

Rates & Regulatory Strategy Manager

Date Submitted:

January 21, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: December 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	<u>\$ 7,952,697.04</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 342,032.47</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 695,213.42</u>
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) <u>\$ 662,119.49</u>
F. Adjustment indicating the difference in actual fuel cost for the month of November 2019 and the estimated cost originally reported \$10,650,177.50 - \$10,716,100.69	(+)
(actual) (estimate)	(+)
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>\$ 7,222,379.71</u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: December 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	361,787,000
<u>Purchases Including Interchange-In</u>	(+)	<u>14,657,373</u>
Sub-Total		<u>376,444,373</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	32,186,520
<u>System Losses (344,257,853 KWH times 5.4%^(a))</u>	(+)	<u>18,589,924</u>
Sub-Total		<u>50,776,444</u>
 C. Total Sales (A - B)		<u><u>325,667,929</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: November 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 1,113,734.73
Oil Burned	(+)	412,468.64
Gas Burned	(+)	99,075.00
Net Fuel Related RTO Billing Line Items	(-)	32,304.87
Fuel (assigned cost during Forced Outage ^(a))	(+)	10,963.85
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		\$ 1,603,937.35
B. Purchases		
Economy Purchases	(+)	\$ 9,143,802.54
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	10,963.85
Less purchases above highest cost units	(-)	0.00
Sub-Total		\$ 9,132,838.69
C. Non-Native Sales Fuel Costs	(-)	\$ 86,598.54
D. Total Fuel Costs (A + B - C)		\$ 10,650,177.50

.....

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

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

Expense Month: October 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.013434
2	Retail kWh Billed at Above Rate	(x)	<u>340,757,683</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 4,577,738.71</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	291,470,837
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>291,470,837</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 3,915,619.22
8	Over or (Under) (Line 3 - Line 7)		\$ 662,119.49
9	Total Sales (Schedule 3, Line C)	(-)	325,667,929
10	Kentucky Jurisdictional Sales	(+)	<u>325,667,929</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)	(+)	\$ 662,119.49
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 662,119.49</u></u>

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

Expense Month: August 2019

		<u>Dollars (\$)</u> ^(b)
A. Company Generation		
Coal Burned	(+)	\$ 7,221,947.10
Oil Burned	(+)	135,065.87
Gas Burned	(+)	513,332.32
Net Fuel Related RTO Billing Line Items	(-)	(235,671.40)
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 8,106,016.69</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,747,913.88
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 1,747,913.88</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 355,076.69
D. Total Fuel Costs (A + B - C)		<u>\$ 9,498,853.88</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 9,231,492.86
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ 267,361.02</u>

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

^(b) Final RTO Resettlements were unavailable to include in this FAC filing and will be trued-up in a subsequent filing.

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

Expense Month:	May 2019		Total Dollars (\$)
	Revised	Revised	
	Updated in Exp Month: October 2019	Updated in Exp Month: December 2019	
A. Company Generation			
Coal Burned	(+) \$ 6,127,617.55	\$ 6,127,617.55	\$ -
Oil Burned	(+) 1,597,426.43	1,597,426.43	-
Gas Burned	(+) 86,432.27	86,432.27	-
Net Fuel Related RTO Billing Line Items	(-) 808,140.11	807,859.73	(280.38)
Fuel (assigned cost during Forced Outage(a))	(+) 83,722.42	83,722.42	-
Fuel (substitute cost during Forced Outage(a))	(-) 24,830.01	24,830.01	-
Sub-Total	\$ 7,062,228.55	\$ 7,062,508.93	\$ 280.38
B. Purchases			
Economy Purchases	(+) \$ 1,672,583.76	\$ 1,672,583.76	\$ -
Other Purchases	(+) -	-	-
Other Purchases (substitute for Forced Outage(a))	(-) 110,185.20	110,185.20	\$ -
Less purchases above highest cost units	(-) -	-	-
Sub-Total	\$ 1,562,398.56	\$ 1,562,398.56	\$ -
C. Non-Native Sales Fuel Costs	\$ 677,867.92	\$ 652,913.54	\$ (24,954.38)
D. Total Fuel Costs (A + B - C)	\$ 7,946,759.19	\$ 7,971,993.95	\$ 25,234.76
E. Total Fuel Costs Previously Reported	\$ 6,966,996.36	\$ 6,966,996.36	\$ -
F. Prior Period Adjustment	\$ -	\$ -	\$ -
G. Adjustment due to PJM Resettlements	\$ 979,762.83	\$ 1,004,997.59	\$ 25,234.76

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

Expense Month:	June 2019		Total Dollars (\$)
	Original	Revised	
	Recorded in Exp Month: October 2019	Updated in Exp Month: December 2019	
A. Company Generation			
Coal Burned	(+) \$ 6,886,576.01	\$ 6,886,577.13	\$ 1.12
Oil Burned	(+) 1,206,429.41	1,206,429.41	-
Gas Burned	(+) 268,640.00	268,640.00	-
Net Fuel Related RTO Billing Line Items	(-) (190,031.86)	(165,755.60)	24,276.26
Fuel (assigned cost during Forced Outage(a))	(+) 7,537.39	7,537.39	-
Fuel (substitute cost during Forced Outage(a))	(-) -	-	-
Sub-Total	\$ 8,559,214.67	\$ 8,534,939.53	\$ (24,275.14)
B. Purchases			
Economy Purchases	(+) \$ 694,254.90	\$ 692,790.60	\$ (1,464.30)
Other Purchases	(+) -	-	-
Other Purchases (substitute for Forced Outage(a))	(-) 7,537.39	7,537.39	\$ -
Less purchases above highest cost units	(-) -	-	-
Sub-Total	\$ 686,717.51	\$ 685,253.21	\$ (1,464.30)
C. Non-Native Sales Fuel Costs	\$ 620,400.85	\$ 536,350.89	\$ (84,049.96)
D. Total Fuel Costs (A + B - C)	\$ 8,625,531.33	\$ 8,683,841.85	\$ 58,310.52
E. Total Fuel Costs Previously Reported	\$ 8,038,848.44	\$ 8,038,848.44	\$ -
F. Prior Period Adjustment	\$ -	\$ -	\$ -
G. Adjustment due to PJM Resettlements	\$ 586,682.89	\$ 644,993.41	\$ 58,310.52

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

December 16, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 January 2020.

Please contact me if you have any questions.

Sincerely,

Theodore H. Czupik Jr.

Enclosure

RECEIVED

DEC 16 2019

PUBLIC SERVICE
COMMISSION

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: November 2019

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 11,170,911.96	
2	Sales S_m (Schedule 3, Line C)	+ 305,291,150	0.036591
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>0.012754</u></u>

Effective Date for Billing:

January 2, 2020

Submitted by:

Theodore H. Cypilak

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

December 16, 2019

RECEIVED

DEC 16 2019

PUBLIC SERVICE
COMMISSION

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: November 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	<u>\$ 1,729,899.94</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 9,135,408.39</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 149,207.64</u>
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) <u>\$ (119,458.24)</u>
F. Adjustment indicating the difference in actual fuel cost for the month of October 2019 and the estimated cost originally reported \$9,356,051.76 - \$9,357,204.82	(+)
(actual) (estimate)	(+)
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>\$ 11,170,911.96</u></u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: November 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	47,401,000
<u>Purchases Including Interchange-In</u>	(+)	<u>280,917,318</u>
Sub-Total		<u>328,318,318</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	5,258,900
<u>System Losses (323,059,418 KWH times 5.5%^(a))</u>	(+)	<u>17,768,268</u>
Sub-Total		<u>23,027,168</u>
 C. Total Sales (A - B)		<u><u>305,291,150</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL 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	(-)	(1,350,700.33)
Fuel (assigned cost during Forced Outage ^(a))	(+)	944,792.90
Fuel (substitute cost during Forced Outage ^(a))	(-)	96,437.27
Sub-Total		<u>\$ 2,495,346.24</u>
B. Purchases		
Economy Purchases	(+)	\$ 8,374,649.26
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	1,505,987.39
Less purchases above highest cost units	(-)	7,956.35
Sub-Total		<u>\$ 6,860,705.52</u>
C. Non-Native Sales Fuel Costs	(-)	\$ -
D. Total Fuel Costs (A + B - C)		<u>\$ 9,356,051.76</u>

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

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

Expense Month: September 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.001881
2	Retail kWh Billed at Above Rate	(x)	<u>294,453,301</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 553,866.66</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	357,961,139
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>357,961,139</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 673,324.90
8	Over or (Under) (Line 3 - Line 7)		\$ (119,458.24)
9	Total Sales (Schedule 3, Line C)	(-)	305,291,150
10	Kentucky Jurisdictional Sales	(+)	<u>305,291,150</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)	(+)	\$ (119,458.24)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (119,458.24)</u></u>

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

Expense Month: July 2019

			<u>Dollars (\$) ^(b)</u>
A. Company Generation			
Coal Burned	(+)	\$	7,792,478.13
Oil Burned	(+)		89,511.11
Gas Burned	(+)		1,696,952.57
Net Fuel Related RTO Billing Line Items	(-)		(132,911.19)
Fuel (assigned cost during Forced Outage ^(a))	(+)		-
Fuel (substitute cost during Forced Outage ^(a))	(-)		-
Sub-Total		\$	9,711,853.00
B. Purchases			
Economy Purchases	(+)	\$	1,475,994.89
Other Purchases	(+)		-
Other Purchases (substitute for Forced Outage ^(a))	(-)		-
Less purchases above highest cost units	(-)		-
Sub-Total		\$	1,475,994.89
C. Non-Native Sales Fuel Costs	(-)	\$	984,079.39
D. Total Fuel Costs (A + B - C)		\$	10,203,768.50
E. Total Fuel Costs Previously Reported	(-)	\$	9,867,262.41
F. Prior Period Adjustment	(+)	\$	-
G. Adjustment due to PJM Resettlements		\$	336,506.09

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

^(b) Final RTO Resettlements were unavailable to include in this FAC filing and will be trued-up in a subsequent filing.



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

November 22, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Theodore H. Czupik Jr." in a cursive script.

Theodore H. Czupik Jr.

Enclosure

RECEIVED

NOV 21 2019

PUBLIC SERVICE
COMMISSION

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: October 2019

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 10,863,366.14	
2	Sales S_m (Schedule 3, Line C) +	291,470,837	0.037271
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>0.013434</u></u>

Effective Date for Billing: December 2, 2019

Submitted by: *Theodore H. Gypik Jr.*

Title: Rates & Regulatory Strategy Manager

Date Submitted: November 22, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: October 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
<u>Sub-Total</u>	<u>\$ 2,509,641.33</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
<u>Sub-Total</u>	<u>\$ 6,847,563.49</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	(-) \$ (23,093.09)
F. Adjustment indicating the difference in actual fuel cost for the month of September 2019 and the estimated cost originally reported \$9,158,896.09 - \$9,242,273.58	
(actual) (estimate)	(+)
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>\$ 10,863,366.14</u></u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: October 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	9,890,000
<u>Purchases Including Interchange-In</u>	(+)	<u>301,178,129</u>
Sub-Total		<u>311,068,129</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	-
<u>System Losses (311,068,129 KWH times 6.3%^(a))</u>	(+)	<u>19,597,292</u>
Sub-Total		<u>19,597,292</u>
 C. Total Sales (A - B)		<u><u>291,470,837</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: September 2019

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 7,534,035.21
Oil Burned	(+) 929,678.90
Gas Burned	(+) 785,024.60
Net Fuel Related RTO Billing Line Items	(-) (437,209.15)
Fuel (assigned cost during Forced Outage ^(a))	(+) 0.00
Fuel (substitute cost during Forced Outage ^(a))	(-) 0.00
Sub-Total	<u>\$ 9,685,947.86</u>
B. Purchases	
Economy Purchases	(+) \$ 765,765.45
Other Purchases	(+) 0.00
Other Purchases (substitute for Forced Outage ^(a))	(-) 0.00
Less purchases above highest cost units	(-) 0.00
Sub-Total	<u>\$ 765,765.45</u>
C. Non-Native Sales Fuel Costs	(-) \$ 1,292,817.22
D. Total Fuel Costs (A + B - C)	<u><u>\$ 9,158,896.09</u></u>

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

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

Expense Month: August 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000231
2	Retail kWh Billed at Above Rate	(x)	<u>281,675,844</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 65,067.12</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	381,645,933
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>381,645,933</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 88,160.21
8	Over or (Under) (Line 3 - Line 7)		\$ (23,093.09)
9	Total Sales (Schedule 3, Line C)	(-)	291,470,837
10	Kentucky Jurisdictional Sales	(+)	<u>291,470,837</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)	(+)	\$ (23,093.09)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (23,093.09)</u></u>

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

Expense Month: June 2019

		Dollars (\$) ^(b)
A. Company Generation		
Coal Burned	(+)	\$ 6,886,576.01
Oil Burned	(+)	1,206,429.41
Gas Burned	(+)	268,640.00
Net Fuel Related RTO Billing Line Items	(-)	(190,031.86)
Fuel (assigned cost during Forced Outage ^(a))	(+)	7,537.39
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		\$ 8,559,214.67
B. Purchases		
Economy Purchases	(+)	\$ 694,254.90
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	7,537.39
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 686,717.51
C. Non-Native Sales Fuel Costs	(-)	\$ 620,400.85
D. Total Fuel Costs (A + B - C)		\$ 8,625,531.33
E. Total Fuel Costs Previously Reported	(-)	\$ 8,038,848.44
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		\$ 586,682.89

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

^(b) Final RTO Resettlements were unavailable to include in this FAC filing and will be trued-up in a subsequent filing.

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

Expense Month:		May 2019 Original	May 2019 Revised	Total Dollars (\$)
A. Company Generation				
Coal Burned	(+)	\$ 6,127,617.33	\$ 6,127,617.55	\$ 0.22
Oil Burned	(+)	1,597,426.43	1,597,426.43	-
Gas Burned	(+)	\$86,432.27	\$ 86,432.27	-
Net Fuel Related RTO Billing Line Items	(-)	844,309.00	808,140.11	\$ (36,168.89)
Fuel (assigned cost during Forced Outage ^(a))	(+)	80,918.01	83,722.42	\$ 2,804.41
Fuel (substitute cost during Forced Outage ^(a))	(-)	24,830.01	24,830.01	-
Sub-Total		<u>\$ 7,023,255.03</u>	<u>\$ 7,062,228.55</u>	<u>\$ 38,973.52</u>
B. Purchases				
Economy Purchases	(+)	\$ 1,609,096.44	\$ 1,672,583.76	\$ 63,487.32
Other Purchases	(+)	-	-	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	105,115.68	110,185.20	\$ 5,069.52
Less purchases above highest cost units	(-)	-	-	-
Sub-Total		<u>\$ 1,503,980.76</u>	<u>\$ 1,562,398.56</u>	<u>\$ 58,417.80</u>
C. Non-Native Sales Fuel Costs				
		\$ 1,560,239.43	\$677,867.92	\$ (882,371.51)
D. Total Fuel Costs (A + B - C)				
		<u>\$ 6,966,996.36</u>	<u>\$ 7,946,759.19</u>	<u>\$ 979,762.83</u>
E. Total Fuel Costs Previously Reported				
		\$ 6,966,996.36	\$ 6,966,996.36	-
F. Prior Period Adjustment				
		\$ -	\$ -	-
G. Adjustment due to PJM Resettlements				
		<u>\$ (0.00)</u>	<u>\$ 979,762.83</u>	<u>\$ 979,762.83</u>

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

October 18, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

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

Theodore H. Czupik Jr.

Enclosure

RECEIVED

OCT 17 2019

PUBLIC SERVICE
COMMISSION

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: September 2019

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 9,206,045.14	
2	Sales S_m (Schedule 3, Line C)	÷ 357,961,139	0.025718
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>0.001881</u>

Effective Date for Billing:

October 29, 2019

Submitted by:

Theodore H. Gypise Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

October 18, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: September 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	\$ 9,787,298.07
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	\$ 699,093.26
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 2019 and the estimated cost originally reported \$9,231,492.86 - \$9,293,144.50	(+)
(actual) (estimate)	\$ (61,651.64)
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)	\$ 9,206,045.14

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: September 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	387,368,780
<u>Purchases Including Interchange-In</u>	(+)	<u>24,284,139</u>
Sub-Total		<u>411,652,919</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	31,651,710
<u>System Losses (380,001,209 KWH times 5.8%^(a))</u>	(+)	<u>22,040,070</u>
Sub-Total		<u>53,691,780</u>
 C. Total Sales (A - B)		<u><u>357,961,139</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: August 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 7,221,946.85
Oil Burned	(+)	135,065.87
Gas Burned	(+)	513,332.32
Net Fuel Related RTO Billing Line Items	(-)	(243,669.95)
Fuel (assigned cost during Forced Outage ^(a))	(+)	0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 8,114,014.99</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,515,178.74
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	0.00
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 1,515,178.74</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 397,700.87
D. Total Fuel Costs (A + B - C)		<u>\$ 9,231,492.86</u>

.....

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

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

Expense Month: July 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000961
2	Retail kWh Billed at Above Rate	(x)	<u>376,347,086</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 361,669.55</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	402,802,025
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>402,802,025</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$	387,092.75
8	Over or (Under) (Line 3 - Line 7)	\$	(25,423.20)
9	Total Sales (Schedule 3, Line C)	(-)	357,961,139
10	Kentucky Jurisdictional Sales	(+)	<u>357,961,139</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)	(+) \$	(25,423.20)
13	Amount Over or (Under) Recovered in prior filings	(-) \$	-
14	Total Company Over or (Under) Recovery		<u><u>\$ (25,423.20)</u></u>

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

Expense Month: May 2019

		<u>Dollars (\$)</u> ^(b)
A. Company Generation		
Coal Burned	(+)	\$ 6,127,617.33
Oil Burned	(+)	1,597,426.43
Gas Burned	(+)	86,432.27
Net Fuel Related RTO Billing Line Items	(-)	844,309.00
Fuel (assigned cost during Forced Outage ^(a))	(+)	80,918.01
Fuel (substitute cost during Forced Outage ^(a))	(-)	24,830.01
Sub-Total		\$ 7,023,255.03
B. Purchases		
Economy Purchases	(+)	\$ 1,609,096.44
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	105,115.68
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 1,503,980.76
C. Non-Native Sales Fuel Costs	(-)	\$ 1,560,239.43
D. Total Fuel Costs (A + B - C)		\$ 6,966,996.36
E. Total Fuel Costs Previously Reported	(-)	\$ 6,966,996.36
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		\$ (0.00)

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

^(b) Final RTO Resettlements were unavailable to include in this FAC filing and will be trued-up in a subsequent filing.



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

RECEIVED

SEP 19 2019

PUBLIC SERVICE
COMMISSION

September 20, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Theodore H. Czupik Jr.'.

Theodore H. Czupik Jr.

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: August 2019

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 9,185,440.81	
2	Sales S_m (Schedule 3, Line C)	÷ 381,645,933	0.024068
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>0.000231</u>

Effective Date for Billing: September 30, 2019

Submitted by: Theodore H. Gypch Jr.

Title: Rates & Regulatory Strategy Manager

Date Submitted: September 20, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: August 2019

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 7,221,948.34
Oil Burned	(+) 135,065.87
Gas Burned	(+) 513,332.32
Net Fuel Related RTO Billing Line Items	(-) (331,490.49)
Fuel (assigned cost during Forced Outage ^(a))	(+) -
Fuel (substitute cost during Forced Outage ^(a))	(-) -
Sub-Total	<u>\$ 8,201,837.02</u>
B. Purchases	
Economy Purchases	(+) \$ 1,492,498.27
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) -
Less purchases above highest cost units	(-) -
Sub-Total	<u>\$ 1,492,498.27</u>
C. Non-Native Sales Fuel Costs	(-) \$ <u>401,190.79</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 9,293,144.50 ^(b)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (167,396.33)
F. Adjustment indicating the difference in actual fuel cost for the month of July 2019 and the estimated cost originally reported \$9,867,262.41 - \$10,128,567.47	(+) \$ (261,305.06)
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ (13,794.96)
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>\$ 9,185,440.81</u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: August 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	365,564,220
<u>Purchases Including Interchange-In</u>	(+)	<u>61,039,253</u>
Sub-Total		<u>426,603,473</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	20,164,780
<u>System Losses (406,438,693 KWH times 6.1%^(a))</u>	(+)	<u>24,792,760</u>
Sub-Total		<u>44,957,540</u>
 C. Total Sales (A - B)		<u><u>381,645,933</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: July 2019

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 7,792,478.14
Oil Burned	(+) 89,511.11
Gas Burned	(+) 1,696,952.57
Net Fuel Related RTO Billing Line Items	(-) (131,007.98)
Fuel (assigned cost during Forced Outage ^(a))	(+) 0.00
Fuel (substitute cost during Forced Outage ^(a))	(-) 0.00
Sub-Total	\$ 9,709,949.80
B. Purchases	
Economy Purchases	(+) \$ 1,240,509.52
Other Purchases	(+) 0.00
Other Purchases (substitute for Forced Outage ^(a))	(-) 0.00
Less purchases above highest cost units	(-) 0.00
Sub-Total	\$ 1,240,509.52
C. Non-Native Sales Fuel Costs	(-) \$ 1,083,196.91
D. Total Fuel Costs (A + B - C)	\$ 9,867,262.41

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

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

Expense Month: June 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.003408)
2	Retail kWh Billed at Above Rate	(x)	<u>376,610,044</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (1,283,487.03)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	327,491,403
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>327,491,403</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$	(1,116,090.70)
8	Over or (Under) (Line 3 - Line 7)	\$	(167,396.33)
9	Total Sales (Schedule 3, Line C)	(-)	381,645,933
10	Kentucky Jurisdictional Sales	(+)	<u>381,645,933</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)	(+) \$	(167,396.33)
13	Amount Over or (Under) Recovered in prior filings	(-) \$	-
14	Total Company Over or (Under) Recovery		<u><u>\$ (167,396.33)</u></u>

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

Expense Month: April 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ -
Oil Burned	(+)	341,053.24
Gas Burned	(+)	115,810.00
Net Fuel Related RTO Billing Line Items	(-)	(24,661.09)
Fuel (assigned cost during Forced Outage ^(a))	(+)	473,947.69
Fuel (substitute cost during Forced Outage ^(a))	(-)	34,360.78
Sub-Total		\$ 921,111.24
B. Purchases		
Economy Purchases	(+)	\$ 8,021,396.71
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	714,913.95
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 7,306,482.76
C. Non-Native Sales Fuel Costs	(-)	\$ -
D. Total Fuel Costs (A + B - C)		\$ 8,227,594.00
E. Total Fuel Costs Previously Reported	(-)	\$ 8,241,388.96
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		\$ (13,794.96)

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

August 19, 2019

Ms. Gwen R. Pinson, Executive Director

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

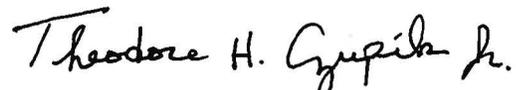
Dear Ms. Pinson:

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 2019.

Please note on Schedule 7 of the filing, a prior period adjustment in the amount of \$85,883.13, which is related to PJM resettlements for the months of January 2019.

Please contact me if you have any questions.

Sincerely,


Theodore H. Czupik Jr.

Enclosure

RECEIVED

AUG 19 2019

PUBLIC SERVICE
COMMISSION

RECEIVED

AUG 19 2019

PUBLIC SERVICE
COMMISSION

DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: July 2019

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 9,988,875.26	
2	Sales S_m (Schedule 3, Line C)	+ 402,802,025	0.024798
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)		0.000961

Effective Date for Billing:

August 29, 2019

Submitted by:

Theodore H. Gyepik Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

August 19, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: July 2019

	Dollars (\$)
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))	(-)
<u>Sub-Total</u>	<u>\$ 9,978,728.54</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
<u>Sub-Total</u>	<u>\$ 1,237,103.25</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 1,087,264.32</u>
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 193,071.30
F. Adjustment indicating the difference in actual fuel cost for the month of June 2019 and the estimated cost originally reported \$8,038,848.44 - \$8,129,162.71	(+)
(actual) (estimate)	\$ (90,314.27)
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>\$ 9,988,875.26</u></u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: July 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	416,754,700
<u>Purchases Including Interchange-In</u>	(+)	<u>44,440,305</u>
Sub-Total		<u>461,195,005</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	31,310,240
<u>System Losses (429,884,765 KWH times 6.3% ^(a))</u>	(+)	<u>27,082,740</u>
Sub-Total		<u>58,392,980</u>
 C. Total Sales (A - B)		<u><u>402,802,025</u></u>

.....

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: June 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	<u>\$ 8,563,316.02</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 554,994.59</u>
C. Non-Native Sales Fuel Costs	(-) \$ 1,079,462.17
D. Total Fuel Costs (A + B - C)	<u>\$ 8,038,848.44</u>

.....

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

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

Expense Month: May 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.002387
2	Retail kWh Billed at Above Rate	(x)	<u>393,920,247</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 940,287.63</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	313,035,746
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>313,035,746</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 747,216.33
8	Over or (Under) (Line 3 - Line 7)		\$ 193,071.30
9	Total Sales (Schedule 3, Line C)	(-)	402,802,025
10	Kentucky Jurisdictional Sales	(+)	<u>402,802,025</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)	(+)	\$ 193,071.30
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 193,071.30</u></u>

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

Expense Month: March 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 7,716,651.90
Oil Burned	(+)	82,778.87
Gas Burned	(+)	219,782.95
Net Fuel Related RTO Billing Line Items	(-)	(232,895.57)
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		\$ 8,252,109.29
B. Purchases		
Economy Purchases	(+)	\$ 574,129.65
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 574,129.65
C. Non-Native Sales Fuel Costs	(-)	\$ 1,023,003.33
D. Total Fuel Costs (A + B - C)		\$ 7,803,235.61
E. Total Fuel Costs Previously Reported	(-)	\$ 7,745,425.38
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		\$ 57,810.23

.....

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

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

Expense Month:		January 2019 Original	January 2019 Revised	Total Dollars (\$)
A. Company Generation				
Coal Burned	(+)	\$ 7,804,600.84	\$ 7,804,600.84	
Oil Burned	(+)	88,987.82	88,987.82	
Gas Burned	(+)	\$617,000.00	\$617,000.00	
Net Fuel Related RTO Billing Line Items	(-)	(311,522.87)	(311,522.87)	
Fuel (assigned cost during Forced Outage(a))	(+)	-	-	
Fuel (substitute cost during Forced Outage(a))	(-)	-	-	
Sub-Total		\$ 8,822,111.53	\$ 8,822,111.53	
B. Purchases				
Economy Purchases	(+)	\$ 904,318.74	\$ 904,318.74	
Other Purchases	(+)	-	-	
Other Purchases (substitute for Forced Outage ^(a))	(-)	-	-	
Less purchases above highest cost units	(-)	-	-	
Sub-Total		\$ 904,318.74	\$ 904,318.74	
C. Non-Native Sales Fuel Costs				
		\$ 749,700.66	\$ 663,817.53	
D. Total Fuel Costs (A + B - C)				
		\$ 8,976,729.61	\$ 9,062,612.74	
E. Total Fuel Costs Previously Reported				
		\$ 8,865,673.81	\$ 8,865,673.81	
F. Prior Period Adjustment				
		\$ -	\$ -	
G. Adjustment due to PJM Resettlements				
		\$ 111,055.80	\$ 196,938.93	\$ 85,883.13

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

RECEIVED

July 19, 2019

JUL 18 2019

Ms. Gwen R. Pinson, Executive Director

PUBLIC SERVICE
COMMISSION

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Theodore H. Czupik Jr.'.

Theodore H. Czupik Jr.

Enclosure

RECEIVED

DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE

JUL 18 2019

Expense Month:

June 2019

PUBLIC SERVICE
COMMISSION

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 6,690,410.48	
2	Sales S_m (Schedule 3, Line C)	327,491,403	0.020429
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>(0.003408)</u>

Effective Date for Billing:

July 31, 2019

Submitted by:

Theodore H. Gyepik Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

July 19, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: June 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	<u>\$ 8,735,197.90</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 576,854.20</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 1,182,889.39</u>
D. Total Fuel Costs (A + B - C)	(+)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 345,247.81
F. Adjustment indicating the difference in actual fuel cost for the month of May 2019 and the estimated cost originally reported \$6,966,996.36 - \$8,064,274.03	(+)
(actual) (estimate)	\$ (1,097,277.67)
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>\$ 6,690,410.48</u></u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: June 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	349,575,790
<u>Purchases Including Interchange-In</u>	(+)	<u>23,826,966</u>
Sub-Total		<u>373,402,756</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	24,264,800
<u>System Losses (349,137,956 KWH times 6.2%^(a))</u>	(+)	<u>21,646,553</u>
Sub-Total		<u>45,911,353</u>
 C. Total Sales (A - B)		<u><u>327,491,403</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: May 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	<u>\$ 7,023,255.03</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 1,503,980.76</u>
C. Non-Native Sales Fuel Costs	(-) \$ 1,560,239.43
D. Total Fuel Costs (A + B - C)	<u>\$ 6,966,996.36</u>

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

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

Expense Month: April 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.007254
2	Retail kWh Billed at Above Rate	(x)	<u>324,891,410</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 2,356,762.29</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	277,297,282
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>277,297,282</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 2,011,514.48
8	Over or (Under) (Line 3 - Line 7)		\$ 345,247.81
9	Total Sales (Schedule 3, Line C)	(-)	327,491,403
10	Kentucky Jurisdictional Sales	(+)	<u>327,491,403</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)	(+)	\$ 345,247.81
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 345,247.81</u></u>

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

Expense Month: February 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 6,375,408.03
Oil Burned	(+)	194,311.15
Gas Burned	(+)	104,975.00
Net Fuel Related RTO Billing Line Items	(-)	(157,726.42)
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 6,832,420.60</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,250,322.07
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 1,250,322.07</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 519,036.39
D. Total Fuel Costs (A + B - C)		<u>\$ 7,563,706.28</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 7,559,933.03
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ 3,773.25</u>

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

RECEIVED

June 21, 2019

JUN 20 2019

Ms. Gwen R. Pinson, Executive Director

**PUBLIC SERVICE
COMMISSION**

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Theodore H. Czupik Jr." in a cursive script.

Theodore H. Czupik Jr.

Enclosure

RECEIVED

DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE

JUN 20 2019

Expense Month:

May 2019

PUBLIC SERVICE
COMMISSION

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 8,208,902.07	
2	Sales S_m (Schedule 3, Line C)	+ 313,035,746	0.026224
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)		0.002387

Effective Date for Billing:

July 1, 2019

Submitted by:

Theodore H. Gyepik Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

June 21, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: May 2019

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 6,127,616.78
Oil Burned	(+) 1,597,426.43
Gas Burned	(+) 86,432.27
Net Fuel Related RTO Billing Line Items	(-) (197,048.94)
Fuel (assigned cost during Forced Outage ^(a))	(+) 18,459.01
Fuel (substitute cost during Forced Outage ^(a))	(-) -
<u>Sub-Total</u>	<u>\$ 8,026,983.43</u>
B. Purchases	
Economy Purchases	(+) \$ 1,618,120.40
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) 27,462.08
<u>Less purchases above highest cost units</u>	(-) -
<u>Sub-Total</u>	<u>\$ 1,590,658.32</u>
C. Non-Native Sales Fuel Costs	(-) <u>\$ 1,553,367.72</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 8,064,274.03 ^(b)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ (19,431.26)
F. Adjustment indicating the difference in actual fuel cost for the month of April 2019 and the estimated cost originally reported \$8,241,388.96 - \$8,227,247.98	
(actual) (estimate)	(+) \$ 14,140.98
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ 111,055.80
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>\$ 8,208,902.07</u></u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: May 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	315,658,460
<u>Purchases Including Interchange-In</u>	(+)	<u>55,561,939</u>
Sub-Total		<u>371,220,399</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	35,705,130
<u>System Losses (335,515,269 KWH times 6.7%^(a))</u>	(+)	<u>22,479,523</u>
Sub-Total		<u>58,184,653</u>
 C. Total Sales (A - B)		<u><u>313,035,746</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: April 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ -
Oil Burned	(+)	341,053.24
Gas Burned	(+)	115,810.00
Net Fuel Related RTO Billing Line Items	(-)	(13,842.46)
Fuel (assigned cost during Forced Outage ^(a))	(+)	475,563.09
Fuel (substitute cost during Forced Outage ^(a))	(-)	34,360.78
Sub-Total		<u>\$ 911,908.01</u>
B. Purchases		
Economy Purchases	(+)	\$ 8,046,977.66
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	717,496.71
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 7,329,480.95</u>
C. Non-Native Sales Fuel Costs	(-)	\$ -
D. Total Fuel Costs (A + B - C)		<u>\$ 8,241,388.96</u>

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

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

Expense Month: March 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.000436
2	Retail kWh Billed at Above Rate	(x)	<u>280,033,303</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 122,094.52</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	324,600,422
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>324,600,422</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 141,525.78
8	Over or (Under) (Line 3 - Line 7)		\$ (19,431.26)
9	Total Sales (Schedule 3, Line C)	(-)	313,035,746
10	Kentucky Jurisdictional Sales	(+)	<u>313,035,746</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)	(+)	\$ (19,431.26)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (19,431.26)</u></u>

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

Expense Month: January 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 7,804,600.84
Oil Burned	(+)	88,987.82
Gas Burned	(+)	617,000.00
Net Fuel Related RTO Billing Line Items	(-)	(311,522.87)
Fuel (assigned cost during Forced Outage ^(a))	(+)	-
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		<u>\$ 8,822,111.53</u>
B. Purchases		
Economy Purchases	(+)	\$ 904,318.74
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	-
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 904,318.74</u>
C. Non-Native Sales Fuel Costs	(-)	\$ 749,700.66
D. Total Fuel Costs (A + B - C)		<u>\$ 8,976,729.61</u>
E. Total Fuel Costs Previously Reported	(-)	\$ 8,865,673.81
F. Prior Period Adjustment	(+)	\$ -
G. Adjustment due to PJM Resettlements		<u>\$ 111,055.80</u>

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

RECEIVED

May 21, 2019

MAY 17 2019

Ms. Gwen R. Pinson, Executive Director

**PUBLIC SERVICE
COMMISSION**

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

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

Theodore H. Czupik Jr.

Enclosure

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: April 2019

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 8,621,454.94	
2	Sales S_m (Schedule 3, Line C)	÷ 277,297,282	0.031091
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>0.007254</u></u>

Effective Date for Billing:

May 31, 2019

Submitted by:

Theodore H. Cypich Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

May 21, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: April 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ -
Oil Burned	(+)	341,053.26
Gas Burned	(+)	115,810.00
Net Fuel Related RTO Billing Line Items	(-)	(8,045.74)
Fuel (assigned cost during Forced Outage ^(a))	(+)	475,563.09
Fuel (substitute cost during Forced Outage ^(a))	(-)	26,632.24
Sub-Total		<u>\$ 913,839.85</u>
B. Purchases		
Economy Purchases	(+)	\$ 8,030,904.84
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	717,496.71
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 7,313,408.13</u>
C. Non-Native Sales Fuel Costs		
		<u>\$ -</u>
D. Total Fuel Costs (A + B - C)		
	(+)	\$ 8,227,247.98 ^(b)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14		
	(-)	\$ (26,600.36)
F. Adjustment indicating the difference in actual fuel cost for the month of March 2019 and the estimated cost originally reported \$7,745,425.38 - \$7,517,023.12		
(actual) (estimate)	(+)	\$ 228,402.26
G. RTO Resettlements for prior periods from Schedule 6, Line G		
	(+)	\$ 139,204.34
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>\$ 8,621,454.94</u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: April 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	4,633,000
<u>Purchases Including Interchange-In</u>	(+)	<u>293,536,120</u>
Sub-Total		<u>298,169,120</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	-
<u>System Losses (298,169,120 KWH times 7.0%^(a))</u>	(+)	<u>20,871,838</u>
Sub-Total		<u>20,871,838</u>
 C. Total Sales (A - B)		<u><u>277,297,282</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: March 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$7,716,651.80
Oil Burned	(+)	82,778.87
Gas Burned	(+)	219,782.98
Net Fuel Related RTO Billing Line Items	(-)	(214,373.96)
Fuel (assigned cost during Forced Outage ^(a))	(+)	0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 8,233,587.61</u>
B. Purchases		
Economy Purchases	(+)	\$ 551,401.71
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	0.00
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 551,401.71</u>
C. Non-Native Sales Fuel Costs		\$ 1,039,563.94
D. Total Fuel Costs (A + B - C)		<u>\$ 7,745,425.38</u>

.....

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

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

Expense Month: February 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.001363
2	Retail kWh Billed at Above Rate	(x)	<u>292,034,101</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 398,042.48</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	311,550,137
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>311,550,137</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 424,642.84
8	Over or (Under) (Line 3 - Line 7)		\$ (26,600.36)
9	Total Sales (Schedule 3, Line C)	(-)	277,297,282
10	Kentucky Jurisdictional Sales	(+)	<u>277,297,282</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)	(+)	\$ (26,600.36)
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ (26,600.36)</u></u>

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

Expense Month: December 2018

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 8,119,387.16
Oil Burned	(+)	145,061.75
Gas Burned	(+)	-
Net Fuel Related RTO Billing Line Items	(-)	(157,392.41)
Fuel (assigned cost during Forced Outage ^(a))	(+)	19,154.88
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		\$ 8,440,996.20
B. Purchases		
Economy Purchases	(+)	\$ 1,441,173.24
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	30,042.74
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 1,411,130.50
C. Non-Native Sales Fuel Costs		\$ 1,093,132.98
D. Total Fuel Costs (A + B - C)		\$ 8,758,993.72
E. Total Fuel Costs Previously Reported		\$ 8,619,789.38
F. Prior Period Adjustment		\$ -
G. Adjustment due to PJM Resettlements		\$ 139,204.34

.....

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

April 18, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 2019.

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

RECEIVED

APR 16 2019

PUBLIC SERVICE
COMMISSION

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: **March 2019**

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 7,878,966.29	
2	Sales S_m (Schedule 3, Line C)	÷ 324,600,422	0.024273
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>0.000436</u>

Effective Date for Billing:

May 1, 2019

Submitted by:

Theodore H. Gypik Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

April 18, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: March 2019

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 7,716,650.54
Oil Burned	(+) 82,735.99
Gas Burned	(+) 219,825.83
Net Fuel Related RTO Billing Line Items	(-) (195,032.27)
Fuel (assigned cost during Forced Outage ^(a))	(+) -
Fuel (substitute cost during Forced Outage ^(a))	(-) -
<u>Sub-Total</u>	<u>\$ 8,214,244.63</u>
B. Purchases	
Economy Purchases	(+) \$ 374,958.53
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) -
Less purchases above highest cost units	(-) -
<u>Sub-Total</u>	<u>\$ 374,958.53</u>
C. Non-Native Sales Fuel Costs	<u>\$ 1,072,180.04</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 7,517,023.12 ^(b)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 8,233.59
F. Adjustment indicating the difference in actual fuel cost for the month of February 2019 and the estimated cost originally reported \$7,559,933.03 - \$7,553,273.44	(+) \$ 6,659.59
(actual) (estimate)	
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ 363,517.17
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>\$ 7,878,966.29</u></u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: March 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	382,952,000
<u>Purchases Including Interchange-In</u>	(+)	<u>13,306,215</u>
Sub-Total		<u>396,258,215</u>
 B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	45,338,840
<u>System Losses (350,919,375 KWH times 7.5%^(a))</u>	(+)	<u>26,318,953</u>
Sub-Total		<u>71,657,793</u>
 C. Total Sales (A - B)		<u><u>324,600,422</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: February 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 6,375,408.02
Oil Burned	(+)	194,311.15
Gas Burned	(+)	104,975.00
Net Fuel Related RTO Billing Line Items	(-)	(146,629.42)
Fuel (assigned cost during Forced Outage ^(a))	(+)	0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 6,821,323.59</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,253,372.01
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	0.00
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 1,253,372.01</u>
C. Non-Native Sales Fuel Costs		\$ 514,762.57
D. Total Fuel Costs (A + B - C)		\$ 7,559,933.03

.....

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

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

Expense Month: January 2019

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	(0.000188)
2	Retail kWh Billed at Above Rate	(x)	<u>316,712,447</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ (59,541.94)</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	360,508,145
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>360,508,145</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$	(67,775.53)
8	Over or (Under) (Line 3 - Line 7)	\$	8,233.59
9	Total Sales (Schedule 3, Line C)	(-)	324,600,422
10	Kentucky Jurisdictional Sales	(÷)	<u>324,600,422</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)	(+) \$	8,233.59
13	Amount Over or (Under) Recovered in prior filings	(-) \$	-
14	Total Company Over or (Under) Recovery		<u><u>\$ 8,233.59</u></u>

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

Expense Month: November 2018

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 5,859,728.76
Oil Burned	(+)	298,376.93
Gas Burned	(+)	137,000.01
Net Fuel Related RTO Billing Line Items	(-)	(322,883.54)
Fuel (assigned cost during Forced Outage ^(a))	(+)	16,044.98
Fuel (substitute cost during Forced Outage ^(a))	(-)	-
Sub-Total		\$ 6,634,034.22
B. Purchases		
Economy Purchases	(+)	\$ 3,109,639.20
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	27,253.17
Less purchases above highest cost units	(-)	-
Sub-Total		\$ 3,082,386.03
C. Non-Native Sales Fuel Costs		\$ 879,006.26
D. Total Fuel Costs (A + B - C)		\$ 8,837,413.99
E. Total Fuel Costs Previously Reported		\$ 8,473,896.82
F. Prior Period Adjustment		\$ -
G. Adjustment due to PJM Resettlements		\$ 363,517.17

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

March 22, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

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

Theodore H. Czupik Jr.

Enclosure

RECEIVED

MAR 20 2019

PUBLIC SERVICE
COMMISSION

**DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE**

Expense Month: February 2019

<u>Line No.</u>	<u>Description</u>	<u>Amount</u>	<u>Rate (\$/kWh)</u>
1	Fuel F_m (Schedule 2, Line K)	\$ 7,850,919.34	
2	Sales S_m (Schedule 3, Line C)	÷ 311,550,137	0.025200
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>0.001363</u></u>

Effective Date for Billing: April 1, 2019

Submitted by: Theodore H. Gypch Jr.

Title: Rates & Regulatory Strategy Manager

Date Submitted: March 22, 2019

RECEIVED

MAR 20 2019

**PUBLIC SERVICE
COMMISSION**

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: February 2019

	<u>Dollars (\$)</u>
A. Company Generation	
Coal Burned	(+) \$ 6,375,406.95
Oil Burned	(+) 194,311.15
Gas Burned	(+) 104,975.00
Net Fuel Related RTO Billing Line Items	(-) (155,935.29)
Fuel (assigned cost during Forced Outage ^(a))	(+) -
Fuel (substitute cost during Forced Outage ^(a))	(-) -
Sub-Total	<u>\$ 6,830,628.39</u>
B. Purchases	
Economy Purchases	(+) \$ 1,249,884.18
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage ^(a))	(-) -
Less purchases above highest cost units	(-) -
Sub-Total	<u>\$ 1,249,884.18</u>
C. Non-Native Sales Fuel Costs	<u>\$ 527,239.13</u>
D. Total Fuel Costs (A + B - C)	(+) \$ 7,553,273.44 ^(b)
E. Total Company Over or (Under) Recovery from Schedule 5, Line 14	(-) \$ 80,289.14
F. Adjustment indicating the difference in actual fuel cost for the month of January 2019 and the estimated cost originally reported \$8,865,673.81 - \$8,829,730.03	
(actual) (estimate)	(+) \$ 35,943.78
G. RTO Resettlements for prior periods from Schedule 6, Line G	(+) \$ 341,991.26
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>\$ 7,850,919.34</u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: February 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	304,786,000
<u>Purchases Including Interchange-In</u>	(+)	<u>52,763,250</u>
Sub-Total		<u>357,549,250</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	22,188,500
<u>System Losses (335,360,750 KWH times 7.1%^(a))</u>	(+)	<u>23,810,613</u>
Sub-Total		<u>45,999,113</u>
 C. Total Sales (A - B)		 <u><u>311,550,137</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: January 2019

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 7,804,600.84
Oil Burned	(+)	88,987.82
Gas Burned	(+)	617,000.00
Net Fuel Related RTO Billing Line Items	(-)	(275,475.48)
Fuel (assigned cost during Forced Outage ^(a))	(+)	0.00
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 8,786,064.14</u>
B. Purchases		
Economy Purchases	(+)	\$ 829,310.33
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	0.00
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 829,310.33</u>
C. Non-Native Sales Fuel Costs		\$ 749,700.66
D. Total Fuel Costs (A + B - C)		\$ 8,865,673.81

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

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

Expense Month: December 2018

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.002490
2	Retail kWh Billed at Above Rate	(x)	<u>352,373,004</u>
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 877,408.78</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	320,128,370
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>320,128,370</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)	\$	797,119.64
8	Over or (Under) (Line 3 - Line 7)	\$	80,289.14
9	Total Sales (Schedule 3, Line C)	(-)	311,550,137
10	Kentucky Jurisdictional Sales	(+)	<u>311,550,137</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)	(+) \$	80,289.14
13	Amount Over or (Under) Recovered in prior filings	(-) \$	-
14	Total Company Over or (Under) Recovery		<u><u>\$ 80,289.14</u></u>

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

Expense Month: October 2018

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 6,170,880.98
Oil Burned	(+)	61,796.55
Gas Burned	(+)	336,949.99
Net Fuel Related RTO Billing Line Items	(-)	(26,715.92)
Fuel (assigned cost during Forced Outage ^(a))	(+)	940,757.33
Fuel (substitute cost during Forced Outage ^(a))	(-)	169,363.57
Sub-Total:		<u>\$ 7,367,737.20</u>
B. Purchases		
Economy Purchases	(+)	\$ 2,654,418.21
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	1,614,652.54
Less purchases above highest cost units	(-)	-
Sub-Total:		<u>\$ 1,039,765.67</u>
C. Non-Native Sales Fuel Costs		\$ 663,285.54
D. Total Fuel Costs (A + B - C)		\$ 7,744,217.33
E. Total Fuel Costs Previously Reported		\$ 7,402,226.07
F. Prior Period Adjustment		\$ -
G. Adjustment due to PJM Resettlements		\$ 341,991.26

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



139 East Fourth Street
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-287-2348
Fax: 513-287-2473
ted.czupik@duke-energy.com

Theodore H. Czupik Jr.
Rates & Regulatory Strategy Manager

VIA OVERNIGHT DELIVERY

February 19, 2019

Ms. Gwen R. Pinson, Executive Director

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

Dear Ms. Pinson:

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 2019.

Please contact me if you have any questions.

Sincerely,

Theodore H. Czupik Jr.

Enclosure

RECEIVED

FEB 18 2019

**PUBLIC SERVICE
COMMISSION**

RECEIVED

FEB 18 2019

PUBLIC SERVICE
COMMISSION

DUKE ENERGY KENTUCKY
FUEL ADJUSTMENT CLAUSE SCHEDULE

Expense Month: January 2019

Line No.	Description	Amount	Rate (\$/kWh)
1	Fuel F_m (Schedule 2, Line K)	\$ 8,525,590.38	
2	Sales S_m (Schedule 3, Line C)	÷ 360,508,145	0.023649
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>(0.000188)</u>

Effective Date for Billing:

March 1, 2019

Submitted by:

Theodore H. Gypch Jr.

Title:

Rates & Regulatory Strategy Manager

Date Submitted:

February 19, 2019

**DUKE ENERGY KENTUCKY
FUEL COST SCHEDULE**

Expense Month: January 2019

	<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 ^(a))	(+)
Fuel (substitute cost during Forced Outage ^(a))	(-)
Sub-Total	<u>\$ 8,919,311.52</u>
B. Purchases	
Economy Purchases	(+)
Other Purchases	(+)
Other Purchases (substitute for Forced Outage ^(a))	(-)
Less purchases above highest cost units	(-)
Sub-Total	<u>\$ 702,360.50</u>
C. Non-Native Sales Fuel Costs	<u>\$ 791,941.99</u>
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 December 2018 and the estimated cost originally reported \$8,619,789.38 - \$8,648,151.37	(+)
(actual) (estimate)	\$ (28,361.99)
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>\$ 8,525,590.38</u>

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

^(b) Estimated - to be trued up in the filing next month

**DUKE ENERGY KENTUCKY
SALES SCHEDULE**

Expense Month: January 2019

		<u>Kilowatt-Hours Current Month</u>
A. Generation (Net)	(+)	394,251,800
<u>Purchases Including Interchange-In</u>	(+)	<u>20,192,284</u>
Sub-Total		<u>414,444,084</u>
 B. Pumped Storage Energy	 (+)	 -
Non-Native Sales Including Interchange Out	(+)	25,965,480
<u>System Losses (388,478,604 KWH times 7.2%^(a))</u>	(+)	<u>27,970,459</u>
Sub-Total		<u>53,935,939</u>
 C. Total Sales (A - B)		 <u><u>360,508,145</u></u>

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

**DUKE ENERGY KENTUCKY
FINAL FUEL COST SCHEDULE**

Expense Month: December 2018

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 8,119,387.16
Oil Burned	(+)	145,061.75
Gas Burned	(+)	0.00
Net Fuel Related RTO Billing Line Items	(-)	(136,313.25)
Fuel (assigned cost during Forced Outage ^(a))	(+)	18,846.44
Fuel (substitute cost during Forced Outage ^(a))	(-)	0.00
Sub-Total		<u>\$ 8,419,608.60</u>
B. Purchases		
Economy Purchases	(+)	\$ 1,402,587.47
Other Purchases	(+)	0.00
Other Purchases (substitute for Forced Outage ^(a))	(-)	29,667.17
Less purchases above highest cost units	(-)	0.00
Sub-Total		<u>\$ 1,372,920.30</u>
C. Non-Native Sales Fuel Costs		\$ 1,172,739.52
D. Total Fuel Costs (A + B - C)		\$ 8,619,789.38

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

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

Expense Month: November 2018

Line No.	Description		
1	FAC Rate Billed (\$/kWh)	(+)	0.004335
2	Retail kWh Billed at Above Rate	(x)	361,138,972
3	FAC Revenue/(Refund) (Line 1 * Line 2)		<u>\$ 1,565,537.44</u>
4	kWh Used to Determine Last FAC Rate Billed	(+)	302,546,150
5	Non-Jurisdictional kWh included in Line 4	(-)	<u>-</u>
6	Kentucky Jurisdictional kWh Included in Line 4 (Line 4 - Line 5)		<u>302,546,150</u>
7	Recoverable FAC Revenue/(Refund) (Line 1 * Line 6)		\$ 1,311,537.56
8	Over or (Under) (Line 3 - Line 7)		\$ 253,999.88
9	Total Sales (Schedule 3, Line C)	(-)	360,508,145
10	Kentucky Jurisdictional Sales	(÷)	<u>360,508,145</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)	(+)	\$ 253,999.88
13	Amount Over or (Under) Recovered in prior filings	(-)	\$ -
14	Total Company Over or (Under) Recovery		<u><u>\$ 253,999.88</u></u>

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

Expense Month: September 2018

		<u>Dollars (\$)</u>
A. Company Generation		
Coal Burned	(+)	\$ 5,081,026.74
Oil Burned	(+)	496,138.17
Gas Burned	(+)	471,026.38
Net Fuel Related RTO Billing Line Items	(-)	(127,143.67)
Fuel (assigned cost during Forced Outage ^(a))	(+)	141,821.90
Fuel (substitute cost during Forced Outage ^(a))	(-)	53,454.47
Sub-Total		<u>\$ 6,263,702.39</u>
B. Purchases		
Economy Purchases	(+)	\$ 3,822,837.42
Other Purchases	(+)	-
Other Purchases (substitute for Forced Outage ^(a))	(-)	209,162.25
Less purchases above highest cost units	(-)	-
Sub-Total		<u>\$ 3,613,675.17</u>
C. Non-Native Sales Fuel Costs		\$ 460,388.68
D. Total Fuel Costs (A + B - C)		<u>\$ 9,416,988.88</u>
E. Total Fuel Costs Previously Reported		\$ 9,438,766.66
F. Prior Period Adjustment		\$ -
G. Adjustment due to PJM Resettlements		<u>\$ (21,777.78)</u>

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