

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-020

REQUEST:

Provide the journal entries relating to the purchase of utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise currently included in rate base. Also, provide a schedule showing the calculation of the acquisition adjustment at the date of purchase for each item of utility plant, the amortization period, and the unamortized balance at the beginning of the base period.

RESPONSE:

No utility plant was acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the last rate case. Duke Energy Kentucky does not have any acquisition adjustments recorded within FERC Account 114 – Electric Plant Acquisition Adjustments.

PERSON RESPONSIBLE: Melissa B. Abernathy

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-021

REQUEST:

Provide the utility's rate base, capital structure, and statement of income for the most recent 12-months preceding the base period and for the base period. Provide a reconciliation with detailed explanations.

RESPONSE:

See STAFF-DR-01-021 Attachment.

PERSON RESPONSIBLE:

Sarah E. Lawler
Christopher M. Jacobi

LINE NO.	RATE BASE COMPONENT	SUPPORTING SCHEDULE REFERENCE	AS OF 11/30/2018	BASE PERIOD	VARIANCE
1	Total Utility Plant in Service (Accts 101 & 106)	Sch B-2	1,732,795,072	1,842,849,263	110,054,191 (1)
2					
3	Additions:				
4	Construction Work in Progress (Account 107)	Sch B-4	0	0	0
5					
6	Fuel Inventory	Sch B-5	17,118,836	19,518,014	2,399,178 (2)
7					
8	Materials & Supplies -				
9	Propane Inventory (Account 151) (A)	WPB-5.1b	0	0	0
10	Other Material and Supplies (Accts. 154 & 163) (A)	Sch B-5	18,282,731	18,759,249	476,518
11	Total Materials & Supplies		<u>18,282,731</u>	<u>18,759,249</u>	<u>476,518</u>
12					
13	Gas Stored Underground (Account 164) (A)	WPB-5.1g	0	0	0
14					
15	Prepayments (Account 165) (A)	Sch B-5.1	(3,013)	236,038	239,051
16					
17	Emission Allowances (Account 158) (A)	Sch B-5.1	0	0	0
18					
19	Cash Working Capital Allowance	WPB-5.1a	15,554,836	17,650,833	2,095,997 (3)
20					
21	Other Rate Base Items	Sch B-6	580,733	449,251	(131,482)
22	Total Additions		<u>51,534,123</u>	<u>56,613,385</u>	<u>5,079,262</u>
23					
24	Deductions:				
25	Reserve for Accumulated Depreciation (Acct 108)	Sch B-3	779,619,953	785,055,340	5,435,387 (1)
26					
27	Accum. Deferred Income Taxes (Accts 190, 282, & 283)	Sch B-6	164,745,621	169,836,375	5,090,754 (4)
28					
29	Customer Advances for Construction (Account 252)	Sch B-6	0	0	0
30					
31	Excess ADIT (254)	Sch B-6	66,920,310	68,641,581	1,721,271 (4)
32					
33	Investment Tax Credits (Account 255)	Sch B-6	0	0	0
34	Total Deductions		<u>1,011,285,884</u>	<u>1,023,533,296</u>	<u>12,247,412</u>
35					
36	Electric Jurisdictional Rate Base		<u>773,043,311</u>	<u>875,929,352</u>	<u>102,886,041</u>

- (1) These variances are driven by adjustments made to the base period. Per Schedules B-2.2 and B-3.1, adjustments were made to eliminate ARO, certain street lighting, and to remove assets recovered through the ESM rider. Also, additions to plant in service and accumulated depreciation during the period are contributing to the increases in the base period.
- (2) The variance is due to increases in fuel oil inventory since November 30, 2018.
- (3) The variance is due to the timing of certain O&M credits in 2018 not expected to repeat.

LINE NO.	CLASS OF CAPITAL	REFERENCE	AS OF 11/30/2018	BASE PERIOD	VARIANCE	
1	Total Company					
2	Common Equity		\$594,426,495	\$640,890,996	\$46,464,501	(1)
3	Long-Term Debt	J-3	413,610,628	657,872,209	\$244,261,581	(2)
4	Short-Term Debt	J-2	204,043,917	58,755,530	(\$145,288,387)	(3)
5						
6	Total Capital		<u>\$1,212,081,040</u>	<u>\$1,357,518,735</u>	<u>\$145,437,695</u>	
7						
8	Electric Jurisdictional					
9	Common Equity		\$420,668,283	\$467,002,360	\$46,334,077	(1)
10	Long-Term Debt		\$292,704,068	\$479,376,030	\$186,671,962	(2)
11	Short-Term Debt		\$144,397,152	\$42,814,095	(\$101,583,057)	(3)
12						
13	Total Jurisdictional Electric Capital		<u>\$857,769,503</u>	<u>\$989,192,485</u>	<u>\$131,422,982</u>	

- (1) The variance in common equity is driven by net income during the period.
- (2) The primary reason for the variance is planned debt issuances in July and September 2019.
- (3) The variance in short-term debt is primarily due to the maturity of a \$100 million debenture which

DUKE ENERGY KENTUCKY, INC.
ELECTRIC INCOME STATEMENT

KyPSC Case No. 2019-00271
STAFF-DR-01-021 Attachment
Page 3 of 3

LINE NO.	DESCRIPTION	ENDING 11/30/2018	BASE PERIOD	VARIANCE	
1	OPERATING REVENUE	<u>383,560,753</u>	<u>364,628,517</u>	<u>(18,932,236)</u>	(1)
2					
3	OPERATING EXPENSES				
4	Operation and Maintenance Expenses				
5	Production Expenses				
6	Fuel and Purchased Power Expense	<u>141,344,004</u>	<u>112,306,890</u>	<u>(29,037,114)</u>	(2)
7	Other Production Expenses	<u>57,910,912</u>	<u>58,655,525</u>	<u>744,613</u>	
8	Total Power Production Expense	<u>199,254,916</u>	<u>170,962,415</u>	<u>(28,292,501)</u>	
9					
10	Transmission Expense	<u>9,101,673</u>	<u>21,515,710</u>	<u>12,414,037</u>	(3)
11	Regional Market Expense	<u>2,484,546</u>	<u>1,767,935</u>	<u>(716,611)</u>	
12	Distribution Expense	<u>15,623,149</u>	<u>15,958,877</u>	<u>335,728</u>	
13	Customer Accounts Expense	<u>4,981,516</u>	<u>6,587,411</u>	<u>1,605,895</u>	
14	Customer Service & Information Expense	<u>564,898</u>	<u>568,143</u>	<u>3,245</u>	
15	Sales Expense	<u>1,195,686</u>	<u>1,436,388</u>	<u>240,702</u>	
16	Administrative & General Expense	<u>21,485,152</u>	<u>19,027,055</u>	<u>(2,458,097)</u>	
17	Other	<u>11,091,159</u>	<u>15,689,616</u>	<u>4,598,457</u>	(4)
18	Total Operation and Maintenance Expense	<u>265,782,695</u>	<u>253,513,550</u>	<u>(12,269,145)</u>	
19					
20	Depreciation Expense	<u>42,216,936</u>	<u>46,525,230</u>	<u>4,308,294</u>	(5)
21					
22	Taxes Other Than Income Taxes				
23	Other Federal Taxes	<u>8,630</u>	<u>6,509</u>	<u>(2,121)</u>	
24	State and Other Taxes	<u>11,228,859</u>	<u>12,580,465</u>	<u>1,351,606</u>	
25	Total Taxes Other Than Income Taxes	<u>11,237,489</u>	<u>12,586,974</u>	<u>1,349,485</u>	
26					
27	State Income Taxes				
28	State Income Tax - Current	<u>(1,562,137)</u>	<u>(3,417,384)</u>	<u>(1,855,247)</u>	
29	Provision for Deferred Income Taxes - Net	<u>3,807,481</u>	<u>5,038,560</u>	<u>1,231,079</u>	
30	Total State Income Tax Expense	<u>2,245,344</u>	<u>1,621,176</u>	<u>(624,168)</u>	
31					
32	Federal Income Taxes				
33	Federal Income Tax - Current	<u>(18,316,989)</u>	<u>(14,821,867)</u>	<u>3,495,122</u>	
34	Provision for Deferred Income Taxes - Net	<u>25,911,646</u>	<u>18,235,238</u>	<u>(7,676,408)</u>	
35	Amortization of Investment Tax Credit	<u>(11,315)</u>	<u>(1,337)</u>	<u>9,978</u>	
36	Total Federal Income Tax Expense	<u>7,583,342</u>	<u>3,412,034</u>	<u>(4,171,308)</u>	(6)
37					
38	Total Operating Expenses and Taxes	<u>329,065,806</u>	<u>317,658,964</u>	<u>(11,406,842)</u>	
39					
40	Net Operating Income	<u>54,494,947</u>	<u>46,969,553</u>	<u>(7,525,394)</u>	

(1) The variance is due to higher energy usage in the prior period, driven by abnormal weather.

(2) The variance is due to lower fuel expense in the base period due to lower unit costs as usage in the prior period was higher driven by abnormal weather.

(3) The variance is due to RTEP expense not being included in the base period budget, FERC Order 494 credits being booked in August and September of 2018 and NITS expense budget in the base period higher than actuals.

(4) The variance is due to increased coal ash ARO amortization in the base period.

(5) The variance is due to higher plant in service during the base period.

(6) The variance is due to the base period not including adjustments related to prior years.

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-022

REQUEST:

Provide the capital structure at the end of the five most recent calendar years and each of the other periods shown in Schedule E1 and Schedule E2.

RESPONSE:

Please see STAFF-DR-01-022 Attachment.

PERSON RESPONSIBLE: Danielle Weatherston

Schedule 22a

Duke Energy Kentucky, Inc.

Case No. 2019-00271

Calculation of Capital Structure

12 Months Ended December

Dollars In Thousands

Line No.	Type of Capital	2018		2017		2016		2015		2014		Jun-19	
		Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
1.	Long Term Debt ^{1,3}	\$ 550,111	48.0%	\$ 451,180	46.9%	\$ 362,046	44.2%	\$ 319,027	40.9%	\$ 320,786	41.6%	\$ 549,606	46.9%
2.	Short-Term Debt	-	0.0%	-	0.0%	19,656	2.4%	55,743	7.2%	37,609	4.9%	-	0.0%
3.	Preferred & Preference Stock	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
4.	Common Equity ²	596,224	52.0%	511,414	53.1%	437,015	53.4%	404,432	51.9%	413,256	53.6%	622,815	53.1%
5.	Total Capitalization	\$ 1,146,335	100.0%	\$ 962,594	100.0%	\$ 818,717	100.0%	\$ 779,202	100.0%	\$ 771,651	100.1%	\$ 1,172,421	100.0%

(1) Includes current portion of Long Term Debt

(2) Includes Common Stock, Additional Paid in Capital, Retained Earnings and Other Comprehensive Income

(3) 2014 and forward amounts include the unamortized debt expense amounts, in accordance with updated GAAP guidance

Instructions: If the applicant is a member of an affiliated group, the above data is to be provided for the applicant as shown. On a separate schedule, the same data should also be provided for the parent company and the entire system on a consolidated basis

Schedule 22b

Duke Energy Kentucky, Inc.

Case No. 2019-00271

Calculation of Average Capital Structure

12 Months Ended December 31, 2018

Dollars In Thousands

Line No.	Item (a)	Total Capital (b)	Long-term Debt ¹ (c)	Short-term Debt (d)	Preferred Stock (e)	Common Stock ² (f)	Retained Earnings (g)	Total Common Equity (h)
1	Balance at the beginning of Jan 1, 2018	\$ 962,594	\$ 451,180	\$ -	\$ -	\$ 191,274	\$ 320,140	\$ 511,414
2	1st Month	969,770	451,140	-	-	191,274	327,356	518,630
3	2nd Month	973,246	451,052	-	-	191,274	330,920	522,194
4	3rd Month	975,089	451,012	-	-	191,274	332,803	524,077
5	4th Month	975,499	450,533	-	-	191,274	333,692	524,966
6	5th Month	978,522	450,526	-	-	191,274	336,722	527,996
7	6th Month	1,020,212	450,518	-	-	226,274	343,420	569,694
8	7th Month	1,025,311	450,510	-	-	226,274	348,527	574,801
9	8th Month	1,032,530	450,502	-	-	226,274	355,754	582,028
10	9th Month	1,038,790	450,494	-	-	226,274	362,022	588,296
11	10th Month	1,106,126	515,484	-	-	226,274	364,368	590,642
12	11th Month	1,109,861	515,435	-	-	226,274	368,152	594,426
13	12th Month	1,146,335	\$ 550,111	-	-	226,274	\$ 369,950	\$ 596,224
14	Total (L1 through L13)	13,313,885	6,088,497	-	-	2,731,562	4,493,826	7,225,388
15	Average Balance (L14 / 13)	\$ 1,024,145	\$ 468,346	\$ -	\$ -	\$ 210,120	\$ 345,679	\$ 555,799
16	Average Capitalization Ratio	100.00%	45.73%	0.00%	0.00%	20.52%	33.75%	54.27%
17	End-of-period capitalization Ratio	100.00%	47.99%	0.00%	0.00%	19.74%	32.27%	52.01%

(1) Includes current portion of Long Term Debt

(2) Includes Common Stock, Additional Paid in Capital and Other Comprehensive Income

Instructions:

1. If applicable , provide an additional schedule in the above format excluding common equity in subsidiaries from the total company capital structure. show the amount of common equity excluded.

2. Include premium class of stock.

Schedule 22a

Duke Energy Corp.
 Case No. 2019-00271
 Calculation of Capital Structure
 12 Months Ended December
 Dollars in Millions

Line No.	Type of Capital	2018		2017		2016		2015		2014		Latest Available Quarter ³	
		Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
1.	Long Term Debt ^{1,4}	54,529	53.6%	52,279	54.4%	47,895	52.4%	38,868	47.3%	39,868	47.9%	57,040	53.7%
2.	Short Term Debt	3,410	3.3%	2,163	2.2%	2,487	2.7%	3,633	4.4%	2,514	3.0%	3,793	3.6%
3.	Preferred Trust Securities	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
4.	Preferred & Preference Stock	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	973	0.9%
5.	Common Equity ²	43,834	43.1%	41,737	43.4%	41,041	44.9%	39,771	48.3%	40,899	49.1%	44,359	41.8%
6.	Total Capitalization	101,773	100.0%	96,179	100.0%	91,423	100.0%	82,272	100.0%	83,281	100.0%	106,165	100.0%

(1) Includes current portion of Long Term Debt

(2) Includes Common Stock, Additional Paid in Capital, Retained Earnings, Other Comprehensive Income and Noncontrolling interests

(3) Lastest available quarter is as of June 30, 2019

(4) 2014 and forward amounts include the unamortized debt expense amounts, in accordance with updated GAAP guidance

Schedule 22b

Duke Energy Corp.
 Case No. 2019-00271
 Calculation of Average Capital Structure
 12 Months Ended December 31, 2018
 Dollars in Millions

Line No.	Item (a)	Total Capital (b)	Long-term Debt ¹ (c)	Short-term Debt (d)	Preferred Stock (e)	Common Stock ² (f)	Retained Earnings (g)	Total Common Equity (h)
1	Balance at the beginning of Jan 1, 2018	96,179	52,279	2,163	-	38,724	3,013	41,737
2	1st Month	96,706	51,857	3,279	-	38,730	2,840	41,570
3	2nd Month	96,498	51,836	3,029	-	38,727	2,906	41,633
4	3rd Month	97,748	52,981	2,969	-	38,777	3,021	41,798
5	4th Month	97,826	52,657	3,268	-	38,787	3,114	41,901
6	5th Month	97,347	53,106	2,693	-	38,799	2,749	41,548
7	6th Month	98,559	52,715	3,329	-	39,621	2,894	42,515
8	7th Month	98,555	52,694	3,518	-	39,645	2,698	42,343
9	8th Month	98,822	53,472	2,607	-	39,647	3,096	42,743
10	9th Month	99,867	53,963	2,891	-	39,700	3,313	43,013
11	10th Month	99,604	54,011	3,003	-	39,719	2,871	42,590
12	11th Month	100,280	54,583	2,908	-	39,758	3,031	42,789
13	12th Month	101,773	54,529	3,410	-	40,721	3,113	43,834
14	Total (L1-L13)	1,279,764	690,683	39,067	-	511,355	38,659	550,014
15	Average Balance (L14/13)	98,443	53,129	3,005	N/A	39,335	2,974	42,309
16	Average capitalization ratios	99.99%	53.96%	3.05%	0.00%	39.96%	3.02%	42.98%
17	End-of-period capitalization ratios	100.00%	53.58%	3.35%	0.00%	40.01%	3.06%	43.07%

(1) Includes current portion of Long Term Debt

(2) Includes Common Stock, Additional Paid in Capital, Retained Earnings, Other Comprehensive Income and Noncontrolling interests

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-023

REQUEST:

Provide the following:

- a. A list of all outstanding issues of long-term debt as of the end of the latest calendar year together with the related information as shown in Schedule F1.
- b. An analysis of short-term debt as shown in Schedule F2 as of the end of the latest calendar year.

RESPONSE:

- a. See STAFF-DR-01-023(a) Attachment.
- b. See STAFF-DR-01-023(b) Attachment.

PERSON RESPONSIBLE: Christopher M. Jacobi

DUKE ENERGY KENTUCKY, INC.

Schedule of Outstanding Long-Term Debt
 For The Period Ended December 31, 2018

Line No.	Type of Debt Issue (a)	Date of Issue (b)	Date of Maturity (c)	Amount Outstanding (1) (d)	Coupon Interest Rate (2) (e)	Cost Rate At Issue (3) (f)	Cost Rate to Maturity (4) (g)	Bond Rating at Time of Issue (5)		Type of Obligation (i)	Annualized Cost (j) x Col. (g) (j)	
								S&P (h)	Moody's		Col. (d)	Col. (g)
1	Capital Leases:											
2	Capital Lease - Meters (2010 Acquisitions)	6/18/10	6/18/19	168,634	3.247%	3.247%	3.330%	N/A	N/A	Capital Lease		5,616
3	Capital Lease - Erlanger Facility	9/30/05	9/30/20	411,596	8.403%	8.403%	8.634%	N/A	N/A	Capital Lease		35,537
4	Unamortized Loss on Recquired Debt:											
5	10.25 due June 2020			(94,917)								39,276
6	10.25 due November 2020			(107,648)								37,479
7	9.7 due July 2019			(100,494)								66,996
8	7.65 due July 2025			(482,019)								63,938
9	5.5 due January 2024			(231,922)								38,654
10	6.5 due November 2022			(22,231)								4,563
11	VAR due August 2027			(149,200)								15,569
12	Long-Term Debt:											
13	Long-Term Notes Payable		3/16/23	25,000,000	1.664%	1.664%	1.664%	A-2	P-2	Long Term Commercial Paper		416,000
14	Debentures	2/1/12	8/1/27	26,529,109	3.860%	3.860%	3.963%	A+/A-1	Aa3	Pollution Control Bond		1,051,311
15	Debentures	12/1/11	8/1/27	49,775,096	1.740%	1.740%	1.794%	AA/A-1+	Aa3	Pollution Control Bond		892,999
16	Debentures	3/7/06	3/10/36	64,380,598	6.200%	6.279%	6.351%	BBB	Baa1	Unsecured Debenture		4,089,092
17	Debentures	9/22/09	10/1/19	99,860,960	4.650%	4.665%	4.711%	A-	Baa1	Unsecured Debenture		4,704,408
18	Debentures	1/5/16	1/15/26	44,808,586	3.420%	3.420%	3.484%	Not Rated	Not Rated	Unsecured Debenture		1,561,259
19	Debentures	1/5/16	1/15/46	49,751,410	4.450%	4.450%	4.489%	Not Rated	Not Rated	Unsecured Debenture		2,233,360
20	Debentures	9/7/17	9/15/29	29,878,804	3.350%	3.350%	3.398%	Not Rated	Not Rated	Unsecured Debenture		1,015,354
21	Debentures	9/7/17	9/15/47	29,876,838	4.110%	4.110%	4.141%	Not Rated	Not Rated	Unsecured Debenture		1,237,146
22	Debentures	9/7/17	9/15/57	29,876,510	4.260%	4.260%	4.288%	Not Rated	Not Rated	Unsecured Debenture		1,281,110
23	MCF Fees			(363,025)						MCF Fees		84,966
24	LOC Fees			(14,663)						LOC Fees		13,164
25	Other Fees									Other Fees		459,109
26				448,752,022								19,346,903
27	Annualized Cost Rate [total											
28	Col. (j) / Total col. (d)]											4.311%

29 (1) Represents Carrying Value

30 (2) Nominal Rate

31 (3) Nominal Rate Plus Discount or Premium Amortization

32 (4) Nominal Rate Plus Discount or Premium Amortization, and Issuance Cost

33 (5) Standard & Poor's, Moody, etc.

DUKE ENERGY KENTUCKY, INC.

Schedule of Short-Term Debt
 For The Period Ended December 31, 2018

<u>Line No.</u>	<u>Type of Debt Issue</u> (a)	<u>Date of Issue</u> (b)	<u>Date of Maturity</u> (c)	<u>Amount Outstanding</u> (d)	<u>Nominal Interest Rate</u> (e)	<u>Effective Interest Rate</u> (f)	<u>Annualized Cost</u> Col. (f) x Col. (d) (g)
1	Capital Leases:						
2	Capital Lease - Meters (2009 Acquisitions)	4/21/09	4/21/18	572,048	4.755%	4.821%	27,578
3	Capital Lease - Meters (2010 Acquisitions)	6/18/10	6/18/19	104,467	3.247%	3.330%	3,479
4	Capital Lease - Erlanger Facility	9/30/05	9/30/20	208,829	8.403%	8.634%	18,030
5	Other:						
6	Amount Sold for Cash/Classified as Receivable			32,739,834	2.286%	2.286%	748,470
7	Total Short-Term Debt			33,625,177			797,557
8	Annualized Cost Rate [Total Col. (g) / Total Col. (d)]						<u>2.372%</u>
9	Actual Interest Paid or Accrued on Short-Term						
10	Debt during the Test Year [report in Col. (g) of this schedule]						\$ 762,766
11	Average Short-Term Debt - Format 3, Schedule 2, Line 15 Col. (d) [Report in Col. (g) of this Schedule]						\$ 40,777,489
12	Test-Year Interest Cost Rate [Actual Interest /						
13	Average Short-Term Debt] [Report in Col. (f) of this schedule]					<u>1.871%</u>	

Note: In all instances where the Effective Interest Cost Rate is different from the Nominal Interest Rate, provide a calculation of the effective Interest Cost Rate in sufficient detail to show the items of costs that cause the difference.

Type	Acquisition Date	Acquisition Cost	Lease Term (months)	Monthly Payment	Payment Factor	Lease Interest Rate	Balloon Payment \$	Balloon Payment (% of Acq. Cost)	Balloon Payment Timing (period)	Effective Interest Cost	Payment Due (Beg of Month enter 1 or 0)
A	B	C	D	E	F	G	H	I	J	K	L
Erlanger	9/30/2005	\$ 2,100,000.00	180	\$20,417.59	0.0097227	8.403%	\$ -	16.900%	180	8.634%	1
Meters	4/21/2009	\$ 3,429,432	120	\$35,964.94	0.0104871	4.755%	\$ 436,566.65	12.730%	108	4.821%	0
Meters	6/18/2010	\$ 955,061	120	\$9,331.29	0.0097704	3.247%	\$ 115,084.80	12.050%	108	3.330%	0

↑
 Formula: RATE(D,E,-C,0,L)*12

↑
 Formula: Rate(J,E,-C,H,L)*12

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-024

REQUEST:

Provide a reconciliation and detailed explanation of each difference, if any, in the utility's capitalization and net investment rate base for the base period and forecast period.

RESPONSE:

For the base period reconciliation see STAFF-DR-01-024 Attachment. For the forecasted period reconciliation see FR 16(6)(f).

PERSON RESPONSIBLE: Sarah E. Lawler

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2019-00271
 RECONCILIATION OF CAPITALIZATION AND RATE BASE
 AS OF NOVEMBER 30, 2019

STAFF-DR-01-024
 PAGE 1 OF 5
 WITNESS RESPONSIBLE:
 S. E. LAWLER

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	<u>Amount</u>
1	Capitalization Allocated to Electric Operations	Page 2 of 5	989,192,485
2	Adjustments to Plant in Service	Sch. B-2.2 & B-3.1	(75,731,529)
3	<u>Assets per Books not included in Rate Base:</u>		
4	Other Property and Investments	Schedule B-8	(6,004,577)
5	CWIP	Sch. B-4	(74,379,070)
6	Cash	Schedule B-8	(2,917,425)
7	Other Current Assets	Schedule B-8	(21,587,729)
8	Other Regulatory Assets	Schedule B-8	(111,951,913)
9	Other Deferred Debits	Schedule B-8	(18,727,690)
10	Subtotal		<u>(235,568,404)</u>
11	<u>Liabilities per Books not included in Rate Base:</u>		
12	Other Current liabilities	Schedule B-8	44,691,851
13	Other Non-current liabilities	Schedule B-8	24,321,300
14	Deferred Credits	Schedule B-8	110,422,332
15	Subtotal		<u>179,435,483</u>
16	<u>Items included in Rate Base:</u>		
17	Cash Working Capital Formula	Sch.B-5	17,650,833
18	Capitalization / Rate Base Differences		950,484
19	Subtotal		<u>18,601,317</u>
20	Total Variance		(113,263,133)
21	Electric Rate Base	Schedule B-1	875,929,352

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2019-00271
 RECONCILIATION OF CAPITALIZATION AND RATE BASE
 AS OF NOVEMBER 30, 2019

STAFF-DR-01-024
 PAGE 2 OF 5
 WITNESS RESPONSIBLE:
 S. E. LAWLER

Line No.	Description		Capitalization	
			Total	Electric
1	Total Base Period Capitalization	(1)	1,357,518,735	
2				
3	Less: Gas Non-jurisdictional Rate Base	(2)	5,658,199	
4	Electric Non-jurisdictional Rate Base	(2)	(2,356,834)	
5	Non-jurisdictional Rate Base	(2)	(26,043,657)	
6				
7	Jurisdictional Capitalization		1,380,261,027	
8				
9	Electric Jurisdictional Rate Base Allocation %	(2)	71.667%	989,191,670
10				
11	Plus: Jurisdictional Electric ITC	(3)		815
12				
13	Total Allocated Capitalization			<u>989,192,485</u>

Notes:

- (1) Schedule J-1, page 1.
- (2) Page 3 of 5.
- (3) Schedule B-6, page 1.

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2019-00271
 RECONCILIATION OF CAPITALIZATION AND RATE BASE
 AS OF NOVEMBER 30, 2019

STAFF-DR-01-024
 PAGE 3 OF 5
 WITNESS RESPONSIBLE:
 S. E. LAWLER

Line No.	Description	Schedule Reference	Total Company	Gas Excl. of Facilities Devoted to Other Than DE-Kentucky Custs.	Gas Non-Juris.	Electric Jurisdictional	Electric Non-Juris.	Non-Jurisdictional
1	Total Utility Plant in Service (Accts 101 & 106) (A)	Sch B-2, (C)	2,469,152,524	613,969,865	12,331,190	1,842,849,263	0	2,206
2								
3	Additions:							
4	Construction Work in Progress (Account 107)	(C)	100,442,668	26,063,598		74,379,070	0	0
5								
6	Fuel Inventory	Sch B-5	19,518,014	0	0	19,518,014	0	0
7								
8	Materials & Supplies -							
9	Propane Inventory (Account 151) (A)	WPB-5.1b	3,659,201	1,309,994	2,349,207	0	0	0
10	Other Material and Supplies (Accts. 154 & 163) (A)	WPB-5.1c	19,464,929	705,680	0	18,759,249	0	0
11	Total Materials & Supplies		23,124,130	2,015,674	2,349,207	18,759,249	0	0
12								
13	Gas Stored Underground (Account 164) (A)	WPB-5.1f	2,239,894	2,239,894	0	0	0	0
14								
15	Prepayments (Account 165) (A)	WPB-5.1e	1,056,698	57,291	102,081	236,038	661,288	0
16								
17	Emission Allowances (Account 158)	WPB-5.1i	0	0	0	0	0	0
18								
19	Cash Working Capital Allowance	WPB-5.1a	20,105,709	2,454,876	0	17,650,833	0	0
20								
21	Other Rate Base Items	WPF-6a	671,947	222,696	0	449,251	0	0
22	Total Additions		167,159,060	33,054,029	2,451,288	130,992,455	661,288	0
23								
24	Deductions:							
25	Reserve for Accumulated Depreciation (Acct 108) (A)	Sch B-3, (C)	966,310,505	173,507,891	7,747,274	785,055,340	0	0
26								
27	Accum. Deferred Income Taxes (Accts 190, 282, & 283) (A)	Sch B-6, WPB-6a	260,311,630	63,833,233	596,159 (B)	169,836,375	0	26,045,863
28								
29	Customer Advances for Construction (Account 252)	WPB-6a	1,593,310	1,593,310	0	0	0	0
30								
31	Total Regulatory Liability - Excess Deferred Taxes	Sch B-6	101,381,995	32,399,914	340,500 (B)	68,641,581	0	0
32								
33	Investment Tax Credits	Sch B-6	3,458,468	0	440,346	0	3,018,122	0
34	Total Deductions		1,333,055,908	271,334,348	9,124,279	1,023,533,296	3,018,122	26,045,863
35								
36	Net Original Cost Rate Base		1,303,255,676	375,689,546	5,658,199	950,308,422	(2,356,834)	(26,043,657)
37								
38	Jurisdictional Rate Base Ratio		100.000%	28.827%	0.434%	72.918%	-0.181%	-1.998%
39								
40	Jurisdictional Rate Base Ratio - Excluding Non-Jurisdictiona		100.000%	28.333%		71.667%		

Notes:

- (A) Adjusted for non-jurisdictional gas plant.
- (B) Staff-DR-01-015, page 4.
- (C) Company records.

DUKE ENERGY KENTUCKY, INC.
 CASE NO. 2019-00271
 RECONCILIATION OF CAPITALIZATION AND RATE BASE
 AS OF NOVEMBER 30, 2019

STAFF-DR-01-024
 PAGE 4 OF 5
 WITNESS RESPONSIBLE:
 S. E. LAWLER

NO.	Description	WPB-6a	(A)	(Col. 1 * Col. 2)
		(1)	(2)	(3)
1	Investment Tax Credit - 3%	0	1.04%	0
2	Liberalized Depreciation	(57,322,986)	1.04%	(596,159)
3	Excess Deferred Taxes	(32,740,414)	1.04%	(340,500)

(A) Ratio of Gas Plant Devoted to Other Than Duke Energy Kentucky Customers to Total Plant.

DUKE ENERGY KENTUCKY, INC.
 ELECTRIC DEPARTMENT
 CASE NO. 2019-00271
 COMPUTATION OF RATIO OF PLANT DEVOTED TO OTHER THAN
 DE-KENTUCKY CUSTOMERS TO TOTAL PLANT FOR ELIMINATION PURPOSES
 AS OF NOVEMBER 30, 2019

STAFF-DR-01-024
 PAGE 5 OF 5
 WITNESS RESPONSIBLE:
 S. E. LAWLER

LINE NO.	Description		Amount (1)
1	Total Net Gas Plant before Adjustment		
2	of Facilities Devoted to Other	Original Cost	\$ 613,969,865
3	Than DE-Kentucky Customers	Accum Depr.	<u>173,507,891</u>
4		Net Plant	<u>\$ 440,461,974</u>
5			
6	Total Net Gas Plant Devoted to	Original Cost	\$ 12,331,190
7	Other Than DE-Kentucky Customers	Accum Depr.	<u>7,747,274</u>
8		Net Plant	<u>\$ 4,583,916</u>
9			
10			
11	Ratio of Plant Devoted to Other Than		
12	DE-Kentucky Customers to Total Plant (Line 8 / Line 4)		<u>1.04%</u>

(1) Company Records.

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-025

REQUEST:

Provide the information shown in Schedule G for each construction project in progress, or planned to be in progress, during the 12 months preceding the base period, the base period, and the forecasted test period.

RESPONSE:

See STAFF-DR-01-025(a) Attachment for information as of November 30, 2018.

See STAFF-DR-01-025(b) Attachment for information as of November 30, 2019.

See STAFF-DR-01-025(c) Attachment for information as of March 31, 2021.

Please note the company's construction forecasting is performed at a summarized level; therefore, the same level of detail is not available for future periods as historical periods.

As outlined on Schedule B-1, the Company is not requesting to include recovery of CWIP in base rates.

PERSON RESPONSIBLE:

Melissa B. Abernathy
Christopher M. Jacobi

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION PROJECTS
 AS OF NOVEMBER 30, 2018

SCHEDULE G

Line No. (A)	Project No. (B)	Description of Project (C)	Accumulated Costs				Estimated Physical Percent Complete
			Construction Amount (D)	AFUDC Capitalized (E)*	Indirect Costs Other (F)**	Total Cost (G=D+E+F)	
1	307600007	BASS - GROUND WATER SAMPLE	349	-	-	349	Various
2	323326005	WORKSTATION REFRESH 2017-2019	7,514	26	-	7,540	Various
3	336593050	OPEN GEAR JURISDICTIONAL	6,637	19	-	6,656	Various
4	348643007	CIOPS RFID ASSET TRACKING DEK	2,943	29	-	2,972	Various
5	3541545G1	DXT SPEND GOVERNANCE	37,655	33	-	37,688	Various
6	CPADEK	DEK CAPITAL CPA ALLOCATION	(305)	-	909	604	Various
7	DISOHDK	DEK DISTRIBUTION OVERHEAD POOL	(102,324)	-	110,619	8,295	Various
8	E1214	KENTUCKY QUARTERLY PAYROLL ACCRUAL	74,000	-	-	74,000	Various
9	ETSPDCAPK	ETS POWER DELIVERY CAP OVERHEAD	(505,040)	-	461,658	(43,382)	Various
10	KMW18289A	ACQUISITION OF 6.68 ACRES AT 1262 C	493	1	-	494	Various
11	KMW18289B	ACQUISITION OF 1 BUILDING AT 1262 C	50,771	133	-	50,904	Various
12	NINT1105K	IMPLEMENT RATES AND REGULATORY STRA	228,990	1,827	-	230,817	Various
13	RF17Q4DEK	2017 WORKSTATION HARDWARE	1,344	1	-	1,345	Various
14	307600001	BASS-DMR DEPLOYMENTS FOSSIL/HYDRO	22,730	58	-	22,788	Various
15	337767001	KMS UPGRADE	968	3	-	971	Various
16	323123DEK	GENVISION- FHO DATA ANALYTICS	11,667	35	-	11,702	Various
17	CEB020290	LINED RETENTION BASIN	(84,370)	116,237	217	32,084	Various
18	CEB020298	EAST BEND SW / PW REROUTE	28,106,110	423,621	1,509	28,531,240	Various
19	CEB020690	PSM BARRIER FOR PIPELINE	15,907	14	-	15,921	Various
20	CEB020768	PSM REMOTE SAFE HAVENS	816,489	10,418	45	826,952	Various
21	CEB021281	EB W. LANDFILL CELL 2 CONSTRUCTION	173,268	1,931	-	175,199	Various
22	CEB021410	REPL BOTTOM ASH CONVERSION	(187,355)	223,374	5,854	41,873	Various
23	EB020146X	REPLACE 2ND LAYER SCR CATALYST	176,704	36	-	176,740	Various
24	EB020900X	REPL GEN AIR SIDE SEAL OIL CLR SM18	6,766	6	-	6,772	Various
25	EB020904X	REPLACE WSP RADIAL STACKER BELT	17,261	15	-	17,276	Various
26	EB020908X	REPLACE 2-1 ID FAN OUTLET EXP JOINT	19,972	18	-	19,990	Various
27	EB020917X	REPLACE 2-2 IDF OUTLET EXPAN JOINT	28,049	25	-	28,074	Various
28	EB020918X	REPLACE 2A3 MIST ELIM VALVE CABLE	3,498	3	-	3,501	Various
29	EB021409X	U2 LIME INJECTION SYSTEM	6,582,419	137,558	941	6,720,918	Various
30	307600001	BASS-DMR DEPLOYMENTS FOSSIL/HYDRO	22,219	237	-	22,456	Various
31	337767001	KMS UPGRADE	772	2	-	774	Various
32	323123DKT	GENVISION- FHO DATA ANALYTICS	10,314	141	-	10,455	Various
33	KYSCOCC	EMERSON OVATION COMPACT CONTROLLER	33,914	30	-	33,944	Various
34	KYSCPIT	KY PIT COSTS	34,041	-	-	34,041	Various
35	WDC00004X	INSTALL FUEL OIL SYSTEM - BOP	34,132,905	181,732	2,283	34,316,920	Various
36	28204	CRESCENT 41 KEARNEY CT	136	-	-	136	Various
37	30763	INST. 13KV CAP. BANKS	2	-	-	2	Various
38	30896	HOLD POLE DUE TO SEWER CA	44	-	-	44	Various
39	35035	INSTALL MW ALARM AT VAR L	(856)	-	-	(856)	Various
40	78906	TO COVER REMOVAL FROM PROPERTY PLAN	(473)	-	-	(473)	Various
41	323850001	FLEET ASSET LIFECYCLE & MOBILE SOLU	12,939	91	-	13,030	Various
42	338802003	EAM PLATFORM OPTIMIZATION	14,932	89	-	15,021	Various
43	338802004	MOBILE DURABLE TEAM	23,158	41	-	23,199	Various
44	338802005	MAXIMO DURABLE TEAM	10,717	21	-	10,738	Various
45	338802008	ECOSYS DURABLE TEAM ACCIUNTING	876	2	-	878	Various
46	346954001	ISOP GRANULAR FORECASTING	22,170	168	-	22,338	Various
47	17BA31	CRITTENDEN REPL BATTERIES	5,469	82	213	5,764	Various
48	17LTCR03	KY UNIV REPL TB4 LOAD TAP CHANGER	47,684	875	488	49,047	Various
49	17T815	CONSTANCE REPL BK1 BUSH	7,094	62	-	7,156	Various
50	17T816	DIXIE REPL BK2 BUSH W/ LTC	25,557	268	734	26,559	Various
51	17T817	KENTUCKY UNIV REPL BK4 BUSH	16,622	216	552	17,390	Various
52	ARCOSSW	ARCOS SYSTEM OUTAGE PROJECT	45,831	352	-	46,183	Various
53	C9049	AMI FLORENCE ADVANCE METERING	41,159	-	-	41,159	Various
54	C9050	AMI VILLA ADVANCED METERING	40,690	-	-	40,690	Various
55	C9051	AMI DIXIE ADVANCED METERING	9,707	-	-	9,707	Various
56	C9052	AMI BUFFINGTON ADVANCE METERING	40,867	-	-	40,867	Various
57	CAPAUTOKY	CAPACITOR AUTOMATION - KENTUCKY	2,457	-	127	2,584	Various
58	D1912DS1	COVINGTON XTR 2_RUSD - DKY1912	(148,554)	39,136	109,460	42	Various
59	D1929RS1	RUSD TAYLOR MILL PURCH SUB PROPERTY	236,627	1,905	4,056	242,588	Various
60	D1931DL2	AM 10895849 GENERAL DR PART 2	16,897	418	838	18,153	Various
61	D1959DS1	COV SUB EXPANSION DKY1959	278,003	3,077	8,425	289,505	Various
62	D2016DS1	DONALDSON TB 3 - DKY2016	607,403	6,514	52,631	666,548	Various
63	D2016DS2	DONALDSON TB 4 - DKY2016	434,028	5,523	43,231	482,782	Various

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION PROJECTS
 AS OF NOVEMBER 30, 2018

SCHEDULE G

Line No. (A)	Project No. (B)	Description of Project (C)	Accumulated Costs				Estimated Physical Percent Complete
			Construction Amount (D)	AFUDC Capitalized (E)*	Indirect Costs Other (F)**	Total Cost (G=D+E+F)	
64	D2017DL1	AM 21113152 DONALDSON HWY	66,936	1,343	4,911	73,190	Various
65	D2017DL3	AM 21113304 DAVIDSON HWY - DKY2017	2,802	30	158	2,990	Various
66	D2017DL5	RUSD DONALDSON HWY RETIRE - DKY2017	11,901	154	294	12,349	Various
67	D2018DS1	DIXIE BK 4 - DKY2018 - DKY2018	2,171,300	13,507	63,495	2,248,302	Various
68	D2018TS1	DIXIE 69KV LOOP - DKY2018	401,651	2,930	27,562	432,143	Various
69	D2019DL1	DIXIE 45 46 EXITS - DKY2019	17,591	160	1,514	19,265	Various
70	D2019DL2	AM 21269675 RBLD INDUSTRIAL RD WEST	27,324	418	2,061	29,803	Various
71	D2019DL3	AM 21269760 RBLD INDUSTRIAL RD EAST	11,799	173	1,011	12,983	Various
72	D2020DL1	AM 20868748 BELLEVUE 43 RBLD RUSD	796	9	52	857	Various
73	D2131DL1	AM 21797163 HANDS 45 - DKY2131	115,469	1,076	1,033	117,578	Various
74	D2131DL3	AM 21798304 HANDS 45	17,674	227	1,108	19,009	Various
75	D2134DL2	AM 21801679 OAKBROOK 42	20,478	279	1,104	21,861	Various
76	D2199DL1	AM 21606995 HEBRON	36,862	317	566	37,745	Various
77	D2199DL2	AM 21607299 HEBRON - DKY2199	201,592	887	535	203,014	Various
78	D2199DL3	AM 21607381 HEBRON	9,275	102	602	9,979	Various
79	D2199DL4	AM 21607440 HEBRON	711	7	47	765	Various
80	D2208RS1	TURFWAY SUB SITE PURCH	2,511,861	-	1,406	2,513,267	Various
81	DKY212701	VERONA NEW 69KV V STRUCTURE - DKY21	47,166	250	3,209	50,625	Various
82	DKY212702	VERONA BK 2 - DKY2127	121,479	780	8,777	131,036	Various
83	DKY212703	VERONA F6761 LOOP TL - DKY2127	53,358	137	484	53,979	Various
84	DKY213201	LONGBRANCH EKPC 138KV LOOP TS	8,585	38	697	9,320	Various
85	DKY213318	MT ZION 138KV LOOP TS1	33,826	227	3,188	37,241	Various
86	DKY213319	MT ZION 22.4MVA BK 2 DS1	16,864	118	1,221	18,203	Various
87	DKY213321	BANK 1 LOW-SIDE BREAKER	62	-	4	66	Various
88	EMR248	DIXIE REPL RTU PROCESSOR	5,466	48	17	5,531	Various
89	E-TERRASR	MODELING TOOL E-TERRASOURCE	7,464	31	-	7,495	Various
90	H0299	CRESCENT 46 OH PART1	14,302	274	655	15,231	Various
91	H2111	KENTON SUB 13KV BUS 3L - AMKY0960	1,020,362	47,534	18,528	1,086,424	Various
92	ICCONSTRD	INTERCONNECTION CAPITAL PROJECT	3,195	-	-	3,195	Various
93	ICCONSTRT	INTERCONNECTION CAPITAL PROJECT	3,107	-	-	3,107	Various
94	KALRPL	AREA LIGHT REPLACEMENTS	2,089	-	181	2,270	Various
95	KAR851805	LAR 10851805 WILDER 44	13,871	382	976	15,229	Various
96	KCIPLW076	COVINGTON - KY NERC CIP LOW	3	-	-	3	Various
97	KCIPLW085	LONG BRANCH - KY NERC CIP LOW - NCI	2	-	-	2	Various
98	KCIPLW999	ELECTRONIC KEYS	277,852	2,579	23,872	304,303	Various
99	KCMCDT	NON-EMERG DTUG CORRECTIVE REPLACE	340	-	31	371	Various
100	KCMCEDT	EMERG DTUG CORRECTIVE REPLACEMENTS	23,322	-	2,249	25,571	Various
101	KCMCOWP	PRIMARY OH WIRE CORR REPLACEMENT	461	-	-	461	Various
102	KCMCOWS	SECONDARY OH WIRE CORR REPLACEMENT	1,980	-	161	2,141	Various
103	KCMCUG	NON-EMERGENCY UG CORRECTIVE REPL	34,365	-	1,422	35,787	Various
104	KCRFN	CUSTOMER REQUESTED MODS NONREIMB	39,020	-	1,024	40,044	Various
105	KEC920153	DC 8920153 BELLEVUE 42	14,546	99	1,245	15,890	Various
106	KEC920154	DEC 8920154 KENTON 46	27,055	571	3,563	31,189	Various
107	KEC920155	DEC 8920155 OAKBROOK 41	10,987	126	1,611	12,724	Various
108	KET135851	DET 10135851 WEST END 41	1,372,986	12,403	93,187	1,478,576	Various
109	KET135853	DET 10135853 HANDS 44 310	679,048	10,382	28,633	718,063	Various
110	KET135854	DET 10135854 VILLA 43 348	1,112,889	16,066	62,676	1,191,631	Various
111	KFPLOMX	FOREIGN POLE REPL OM	9,096	-	826	9,922	Various
112	KHR744679	RI 9744679 6TH ST E/O CRA	(927)	-	(104)	(1,031)	Various
113	KIA703714	DA 10703714 LONG BRANCH 4	53,619	980	594	55,193	Various
114	KIA705495	DA 10705495 ALEXANDRIA SO	5,782	123	29	5,934	Various
115	KMODC	OTHER CAPITAL MODIFICATIONS	7,811	-	373	8,184	Various
116	KPOLEIR	EMERGENCY POLE REPLACE INSP BASED	27,719	-	1,132	28,851	Various
117	KPPL	STUB POLE REMOVAL ONLY	11,956	-	1,015	12,971	Various
118	KRGR	REGULATOR REPLACEMENTS	15,968	-	-	15,968	Various
119	KRMOH	RESIDENTIAL CUST ADDS MULTI FAM OH	24,967	-	1,221	26,188	Various
120	KROC	OH DETERIORATED CONDUCTOR REPLACE	490	-	26	516	Various
121	KRTP1PH	SINGLE PH TRANSFORMER REPLAC LEAKER	2,300	-	32	2,332	Various
122	KRTR3PH	THREE PH TRANSFORMER REPLACE DRY	15,949	-	-	15,949	Various
123	KRUCSEC	UG SEC/SERVICE CABLE REPLACEMENT	566	-	34	600	Various
124	KRUL	UG CABLE LIGHTING REPLACEMENTS	2,105	-	177	2,282	Various
125	KSLNOLE	NON OLE STREET LIGHT REPLACEMENTS	20,068	-	1,381	21,449	Various
126	KSMF	CAPITAL REPLACEMENTS FROM SMEI INSP	4,967	-	430	5,397	Various

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION PROJECTS
 AS OF NOVEMBER 30, 2018

SCHEDULE G

Line No. (A)	Project No. (B)	Description of Project (C)	Accumulated Costs				Estimated Physical Percent Complete
			Construction Amount (D)	AFUDC Capitalized (E)*	Indirect Costs Other (F)**	Total Cost (G=D+E+F)	
127	KSTMOH	OH CAPITAL REPLACEMENT DUE TO STORM	58,596	-	1,473	60,069	Various
128	KSVDTUG	INSTL/REPL PUMP W STOP VALVE IN VAU	30,839	-	-	30,839	Various
129	KUC261112	UG 10261112 CONSTANCE 42	751,930	16,286	52,047	820,263	Various
130	KUC261121	UG 10261121 VILLA 44	1,358	45	348	1,751	Various
131	KUC348388	UG 10348388 RICHWOOD 43	5,334	103	801	6,238	Various
132	KUC348397	RUC 10348397. CABLE REPLA	191,354	941	14,611	206,906	Various
133	KUC348450	UG 10348450 CRESCENT 44	2,028	44	456	2,528	Various
134	KUC348463	UG 10348463 DECOURSEY 41	134,020	316	8,256	142,592	Various
135	KUC348474	UG 10348474 OAKBROOK '42'	591	5	53	649	Various
136	KYGLPR11	F5967 REPL HL867 TO HL872 AND HL876	37,996	399	2,338	40,733	Various
137	KYGLPR15	GLT P2 CIR 5983 HLP 2 POLES DIST UB	9,050	158	375	9,583	Various
138	KYGLPRS	GLT CIR 2862B P1-P2	51,838	1,356	3,031	56,225	Various
139	KYPRTF2	PRTOH P1 CIR 6763 HLP626	10,607	48	734	11,389	Various
140	KYRELT02	F6761 RICHWOOD EO 71/75	5,515	23	397	5,935	Various
141	KYRELT1	F6763 DOT MT ZION RD-DIXIE HWY	238,286	1,501	21,941	261,728	Various
142	M17011101	LITTON SUB PROP PURCH	7,240	21	520	7,781	Various
143	M18007702	AERO SUBSTATION - NEW SUB	10,257	10	1,050	11,317	Various
144	M18016401	SPCC UPG KENTON	32,704	162	4,021	36,887	Various
145	M18034601	EMERGENT - CIRCUIT #5962 10 POLE RE	6,199	19	426	6,644	Various
146	M18046301	EMERGENT - COLD SPRING CIRCUIT 49 -	13,634	50	284	13,968	Various
147	M18058101	EMERGENCY - REPLACE BUFFINGTON TB 4	4,435	4	270	4,709	Various
148	MDTEK17	PANASONIC CF53 UNITS- KENTUCKY	25,785	93	-	25,878	Various
149	MX0004925	INFRASTRUCTIURE FOR SUBDIVISION D	(4,214)	-	-	(4,214)	Various
150	MX0076115	CAPITAL DIXIE TB2 REPLACE ONE BAD F	521	1	-	522	Various
151	MX0077066	CAPITAL CRESCENT TB2 REPLACE ONE BA	597	1	-	598	Various
152	MX0088995	CAPITAL BUFFINGTON TB7 REPLACE ONE	705	1	-	706	Various
153	MX0089985	CAPITAL CLARYVILLE TB1 REPLACE ONE	498	-	-	498	Various
154	MX0090254	MXCONV-TRANSFORMER RETROFIT LIMABUR	24,501	224	312	25,037	Various
155	MX0090256	MXCONV-TRANSFORMER RETROFIT SILVER	44,935	169	4,127	49,231	Various
156	MX0090259	MXCONV-TRANSFORMER RETROFIT YORK 42	29,709	243	1,289	31,241	Various
157	MX0090746	CAPITAL BELLEVUE TB1 REPLACE ONE BA	597	1	-	598	Various
158	MX0093848	CAPITAL KENTON TB3 REPLACE ONE BAD	498	-	-	498	Various
159	MX0106047	CAPITAL WHITE TOWER TB1 REPLACE TWO	1,091	1	-	1,092	Various
160	MX0655166	CAPITAL COVINGTON TB1 REPLACE WINDI	1,872	2	-	1,874	Various
161	MX0675382	WESTPACK CUSTOMER STATION	939	9	71	1,019	Various
162	MX0705495	INSTALLATION OF SELF HEALING NEWWOR	57,253	672	543	58,468	Various
163	MX0920154	MXCONV-DECLARED CIRCUITS KENTON 46	208,102	1,861	12,892	222,855	Various
164	MX1269760	BUFFINGTON 43 UB PT 1 - DKY2019	6,614	62	423	7,099	Various
165	MX1661647	RELOCATION HIGHWAY DOT SPECIFIC PRO	33,338	381	2,127	35,846	Various
166	MX1848383	MXCONV-CAPACITOR AUTOMATION MT. ZIO	41,767	235	-	42,002	Various
167	MX2167589	MT ZION RBLD SAM NEACE - DKY2133	131,679	1,233	6,801	139,713	Various
168	MX2167975	MT ZION RBLD WEAVER RD - DKY2133	145,037	321	811	146,169	Various
169	MX2175246	DONALDSON 48 LN EXT - DKY2016	524,207	2,554	31,150	557,911	Various
170	MX2239881	DIXIE 46 LN EXT - DKY2019	10,926	132	874	11,932	Various
171	MX2239929	BUFFINGTON 43 UB PT 2 - DKY2019	7,676	80	539	8,295	Various
172	MX2239971	DIXIE 45 LN EXT - DKY2019	24,297	235	1,560	26,092	Various
173	MX2240021	BUFFINGTON 43 LN EXT - DKY2019	16,845	178	1,128	18,151	Various
174	MX2240623	BUFFINGTON 42 UB TRNSFR - DKY2019	10,050	111	626	10,787	Various
175	MX6293181	FLORENCE LIGHTING UPGRADE PHASE 1	(186,546)	(2,198)	3,280	(185,464)	Various
176	MX6293467	FLORENCE LIGHTING UPGRADE PHASE 2	(258,418)	(3,061)	5,488	(255,991)	Various
177	MX6295870	RELOCATION HIGHWAY DOT SPECIFIC PRO	79,537	602	2,934	83,073	Various
178	MX6589455	DONALDSON REPL 125VDC STATION BATT	12,361	201	426	12,988	Various
179	MX6839574	COMMERCIAL PRIMARY/SECONDARY/SVC	164,920	147	1,413	166,480	Various
180	MX6843545	INFRASTRUCTIURE FOR SUBDIVISION D	11,563	7	-	11,570	Various
181	MX7048752	COVINGTON REPL COOLING FANS TB1	11,790	168	356	12,314	Various
182	MX7090228	RI-6TH ST BEAUTIFICATION, UNDERGROU	8,801	185	569	9,555	Various
183	MX7090285	RI-6TH ST BEAUTIFICATION, OVERHEAD	11,131	240	729	12,100	Various
184	MX7343749	2166 P2 X-FER DISTRIBUTION UNDERBUI	4,637	32	87	4,756	Various
185	MX7423928	STREET LIGHT REMOVE/INSTALL	68,276	183	1,166	69,625	Various
186	MX7600673	CAPITAL WILDER REPL MAIN BATTERY BA	33,176	195	508	33,879	Various
187	MX7639718	MXCONV-UPGRADE DISTRI TRANSFORMER S	845	7	91	943	Various
188	MX7691568	CIRCUIT SEGEMENTATION SELF HEALING	7,448	112	292	7,852	Various
189	MX7691569	CIRCUIT SEGEMENTATION SELF HEALING	29,022	133	222	29,377	Various

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION PROJECTS
 AS OF NOVEMBER 30, 2018

SCHEDULE G

Line No. (A)	Project No. (B)	Description of Project (C)	Accumulated Costs				Estimated Physical Percent Complete
			Construction Amount (D)	AFUDC Capitalized (E)*	Indirect Costs Other (F)**	Total Cost (G=D+E+F)	
190	MX7691570	CIRCUIT SEGMENTATION SELF HEALING B	26,607	48	129	26,784	Various
191	MX7691571	CIRCUIT SEGMENTATION SELF HEALING B	26,970	50	139	27,159	Various
192	MX7691572	CIRCUIT SEGMENTATION SELF HEALING B	33,262	81	380	33,723	Various
193	MX7691573	CIRCUIT SEGMENTATION SELF HEALING W	28,031	50	137	28,218	Various
194	MX7708497	JT, E-RESERVE AT MEADOWOOD	(4,451)	-	-	(4,451)	Various
195	MX7724526	CONSTANCE 41 LN EXT PT1 - DKY2198	346,698	435	3,370	350,503	Various
196	MX7724611	CONSTANCE 41-43 LN EXT PT II - DKY2	42,050	319	2,146	44,515	Various
197	MX7724670	CONSTANCE 41-43 LN EXT PT III - DKY	232,727	415	1,423	234,565	Various
198	MX7724731	CONSTANCE 41 LN EXT CABLE - DKY2198	3,179	20	331	3,530	Various
199	MX7724805	CONSTANCE 41 LN EXT PME AT SUB - DK	1,877	19	121	2,017	Various
200	MX7752157	RI-AMSTERDAM RD ROAD IMPROVEMENT	727	1	64	792	Various
201	MX7838790	JT, E-ASHLEY OAKS SUBDIVISION	(1,065)	-	-	(1,065)	Various
202	MX7880714	JT, E-WALTON POINTE PHASE 3	(2,193)	-	-	(2,193)	Various
203	MX7972270	MAJOR IMPROVE DIST RELIABILITY LINE	74,662	307	4,570	79,539	Various
204	MX7997177	JT, E-TUSCANY PHASE B SECTION 1	(17,526)	-	-	(17,526)	Various
205	MX8430902	CAPITAL WILDER CB 830 REPLACE 6 BUS	54,971	222	1,772	56,965	Various
206	MX8442100	CAPITAL WILDER CB 832 REPLACE (6) B	43,257	167	586	44,010	Various
207	MX8520300	TRANSFER DISTRIBUTION UNDERBUILD FO	23,036	155	2,019	25,210	Various
208	MX8593684	CAPITAL BELLEVUE TB1 REPL 13KV ARRE	653	6	-	659	Various
209	MX8667739	MARSHALL TB1 REPLACE X0,1,2,3 BUSHI	5,800	36	-	5,836	Various
210	MX8693329	CAPITAL RICHWOOD TB2 REPLACE H2, X2	7,326	19	-	7,345	Various
211	MX8693627	CAPITAL RICHWOOD TB3 REPLACE X3 BUS	2,419	6	-	2,425	Various
212	MX8735624	JT-E- HARMONY PH.D PT.1	(2,096)	-	-	(2,096)	Various
213	MX8897771	CAPITAL BUFFINGTON REPL 125VDC BATT	33,623	147	-	33,770	Various
214	MX8898156	CAPITAL BUFFINGTON REPL 125VDC BATT	33,623	147	-	33,770	Various
215	MX9060418	I-71 /I-75 & KY 536 INTERCHANGE (D	32,789	51	162	33,002	Various
216	MX9127121	JT-E- TRAEMORE PH A	(6,290)	-	-	(6,290)	Various
217	MX9481816	INFRASTRUCTURE FOR SUBDIVISION D	(1,462)	-	-	(1,462)	Various
218	MX9533906	DIXIE BANK 4 BUS DUCT TIE - DKY2018	24	-	2	26	Various
219	MX9579446	JT- E - ARCADIA HIGHLANDS PHASE 4	(934)	-	-	(934)	Various
220	MX9612876	RELOCATION HIGHWAY DOT SPECIFIC PRO	4,602	21	235	4,858	Various
221	MX9624173	RI-I-71/I-75 & KY 536 INNERCHANGE	2,467	11	127	2,605	Various
222	MX9749639	AUGUSTINE F5985 12KV RBLD UB - TKY2	6,078	-	244	6,322	Various
223	MX9916539	DONALDSON 46 UG EXITS CONDUIT - DKY	331	1	27	359	Various
224	MX9917129	DONALDSON 48 UG EXITS CONDUIT - DKY	71,954	-	-	71,954	Various
225	MX9998915	URD WILDER 41	12,536	150	1,059	13,745	Various
226	MX9998916	TRANSFORMER REPLACEMENT KENTON 41	45	-	4	49	Various
227	P7274	DEC 6892567 DONALDSON 41	94,713	3,871	20,850	119,434	Various
228	SG223SW	DEE TRANSMISSION HEALTH & RISK MGT	274,361	4,729	347	279,437	Various
229	SG305SVRS	SG DEE OPENWAY OPS CENTER SERVERS	24,062	618	-	24,680	Various
230	SG305SW	SG DEE OPENWAY OPS CENTER SOFTWARE	133,491	3,055	-	136,546	Various
231	SG336OUA	SG ORACLE UTILITIES ANALYTICS SOFTW	14,862	79	-	14,941	Various
232	SG336SW	SG DEE DMS ADMS - SOFTWARE	372,005	5,294	-	377,299	Various
233	SG344SW	SG DEE DISTRIB SYSTEM HEALTH - SW	46,777	1,148	-	47,925	Various
234	SG358HW19	SG DEE MDM SCALE HWRE PHASE 4 - 358	43,715	156	-	43,871	Various
235	SG358SW2	SG DEE MDM SCALE SFTWRE PHS 4 - 358	10,808	77	-	10,885	Various
236	SG359SW	SG SADM SOFTWARE - 359	6,227	21	-	6,248	Various
237	SG361SW	SG DEE DMS PROJECT 10 SW	2,117	56	-	2,173	Various
238	SG438LIC	SG DEK YFA DEVICE LICENSES	39,379	65	-	39,444	Various
239	SG459F801	2018 MIDWEST FIBER ACTIVATION	11,893	87	-	11,980	Various
240	SG459F802	2018 MIDWEST FIBER ACTIVATION	2,405	18	-	2,423	Various
241	SG489SVRS	SG DEE OPENWAY SCALE SERVERS	40,886	889	-	41,775	Various
242	SG489SW	SG DEE OPENWAY AMI SCALE - 489	29,808	657	-	30,465	Various
243	SG598CDEQ	SG DEE SECURE NETWORK INFRASTRUCTUR	138,911	2,368	-	141,279	Various
244	SG601SW	DEE ADP SOFTWARE - 601	18,541	380	-	18,921	Various
245	SG732TR01	DEK TOWERS & SHELTERS - VERONA	1,942	6	-	1,948	Various
246	SG744MTR	DEK GRIDWAN	2,143	10	-	2,153	Various
247	SG776MTR	2018 TRANSPORT TERMINAL OPTICAL EOL	323,836	3,573	-	327,409	Various
248	SG781SW	SG DEE PPM PIMS PHASE 2 BUILD OUT	24,766	123	-	24,889	Various
249	SG790TMGR	SG DEE TUG SYSTEMS TARGET MANAGER	17,971	115	-	18,086	Various
250	SG790VISU	SG DEE TUG TARGET VISUALIZATION	9,166	54	-	9,220	Various
251	SG792SW	SG DEE GEN LIAB CLAIM ANALYTIC - 792	1,668	7	-	1,675	Various
252	SG794DES	DEK LAND MOBILE RADIO DESIGN	19,190	69	-	19,259	Various

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION PROJECTS
 AS OF NOVEMBER 30, 2018

SCHEDULE G

Line No. (A)	Project No. (B)	Description of Project (C)	Accumulated Costs				Estimated Physical Percent Complete
			Construction Amount (D)	AFUDC Capitalized (E)*	Indirect Costs Other (F)**	Total Cost (G=D+E+F)	
253	SG795SW	SG DEE AUTO MTER PROVISIONING - 795	374	1	-	375	Various
254	SG797SVRS	SG DEE FND UPGRADE - 797	2,677	-	-	2,677	Various
255	SG797SW	SG DEE FND UPGRADE - 797	1,172	4	-	1,176	Various
256	SG829PT01	WIRELESS & OPTICAL TEST EQUIPMENT	23,067	142	-	23,209	Various
257	SGCAPATKY	DEK CAP AUTOMATION	70	-	-	70	Various
258	SGDLSKY	RUSD DEK D-LINE SWITCH REPLACEMENT	(15,636)	-	15,714	78	Various
259	SGDMS3SW	DEE DMS 3.5 UPGRADE - SOFTWARE	206,417	5,107	1	211,525	Various
260	SGETOAS	SG TOA REPLACEMENT SOFTWARE	398,697	10,534	-	409,231	Various
261	SGKAMIMGT	DEK AMI MGMT PROJECT	1,226,637	-	263	1,226,900	Various
262	SGOVH	GRID SOLUTIONS OVERHEAD ALLOCATION	(54)	-	-	(54)	Various
263	SGPILCKY	DEK PILC REACTIVE	(2,910)	-	3,031	121	Various
264	SGRFSKY	DEK SECTIONALIZATION	(601)	-	681	80	Various
265	SGSELFKY	DEK SEGMENTATION & AUTOMATION	86	-	-	86	Various
266	T1611DS1	AUGUSTINE SWGR REPL - TKY1611	370,689	8,504	31,837	411,030	Various
267	T1695TS1	BUFFINGTON F966 CB REL REPL - TKY16	431,840	13,376	45,092	490,308	Various
268	T1695TS2	KENTON F966 REL REPL - TKY1695	97,665	3,353	9,380	110,398	Various
269	T1791DS1	VILLA TB2 AND BUS 2 SWGR RPL - TKY1	532,597	6,540	57,622	596,759	Various
270	T1791TS1	VILLA 69KV BUS 1 CCVT RPL - TKY1791	96,847	1,121	10,384	108,352	Various
271	T1901DS1	BUFFINGTON SWGR RPL - TKY1901	278,281	1,416	27,185	306,882	Various
272	T1901TS1	BUFFINGTON TB1 RPL - TKY1901	186,214	1,134	18,424	205,772	Various
273	T1935DS1	HEBRON XTR REL RPL - TKY1935	202,383	1,530	11,714	215,627	Various
274	T2009DS1	KENTON TB3 RPL - TKY2009	472,159	5,254	33,478	510,891	Various
275	T2128TL1	F966 RCNFRG VILLA LOOP TL - TKY2128	11,453	122	1,251	12,826	Various
276	T2128TS1	VILLA-INST 69 KV RING BUS - TKY2128	738,329	7,402	62,857	808,588	Various
277	T2204DS1	BUFFINGTON RCFGR 4_5 - TKY2204	7,772	51	668	8,491	Various
278	T2227TL1	F5967 CLARYVILLE POLE REPL TL	4,216	6	397	4,619	Various
279	T2227TL2	F5967 DECOURSEY POLE REPL TL	796	3	55	854	Various
280	TKY190101	RPL TPU RELAYS FOR TB7	41,955	144	3,938	46,037	Various
281	TKYTOOL	TRANSMISSION CAPITAL TOOL PURCHASES	152,106	1,676	-	153,782	Various
282	TOUTKY01	SERV REST P1 DUE TO HIGH WINDS ON	98,801	92	5,192	104,085	Various
283	URDSTSP	UPGRADE URD SUBSM TRANSFORMERS	1,006	-	77	1,083	Various
284	307482	CUSTOMER MOBILE APP	37,924	559	-	38,483	Various
285	344368	CUSTOMER TRANSFORMER MAPPING ENGINE	12,251	98	13	12,362	Various
286	336593019	NEW CALL CTR SIP TRUNKS	13,038	110	-	13,148	Various
287	344598001	DUKE CUSTOMER IVR REPLACEMENT	34,369	191	-	34,560	Various
288	311803CH	LIGHTING SYSTEM INTEGRATION HW	1,101	15	33	1,149	Various
289	315986A	CUSTOMER CONNECT - CORE	517,330	9,855	-	527,185	Various
290	315986C	CUSTOMER CONNECT- CRM	255,125	2,666	-	257,791	Various
291	315986D	CUSTOMER CONNECT- PREPAID ADVANTAGE	141,120	2,800	-	143,920	Various
292	315986E	CUSTOMER CONNECT- UNIVERSAL BILL	90,308	1,995	-	92,303	Various
293	315986HW4	CUSTOMER CONNECT- HARDWARE PROJ 2	34,748	36	-	34,784	Various
294	342284C	OUTAGE DETECTION PLATFORM	25,764	310	-	26,074	Various
295	Blank Project ID		(182)	-	-	(182)	Various
						<u>97,978,894</u>	

* Costs Captured = Resource Type 99970 & 99971
 ** Costs Captured = Resource Type 99810 & 18000& 78000

DUKE ENERGY KENTUCKY, INC.
Construction Projects
As of November 30, 2019

Line No.	FERC Function	Project Class	Accumulated Costs
1	Production	Fossil Steam Plants	1,906,276
2	Production	Environmental Fossil Plants	23,590
3	Production	Other Production Plant	1,151,296
4	Production	New Generation	238,933
5	Transmission	Transmission Stations	5,322,692
6	Transmission	Transmission Lines	1,456,965
7	Distribution	Distribution Substation Lots	2,517,909
8	Distribution	Distribution Substation	18,210,186
9	Distribution	Distribution Highway Jobs	118,594
10	Distribution	Distrib Lines OH/UG (Line Ext)	25,205,507
11	Distribution	Street Lights	206,860
12	Distribution	Distribution Improvements	7,924,813
13	General	Communication	539,844
14	General	Gen Bldg/Land/Furniture	3,191
15	General	Equipment & Tools	496,122
16	General	Office Equipment	2,883,814
17	General	Intangible Plant - Software	5,832,205
18	Common	Gen. Bldg. & Oper. Centers	127,239
19	Common	Intangible Plant - Software	213,036
			<u>74,379,070</u>

DUKE ENERGY KENTUCKY, INC.
Construction Projects
As of March 31, 2021

Line No.	FERC Function	Project Class	Accumulated Costs
1	Production	Other Production Plant	33,013,226
2	Transmission	Transmission Stations	4,742,099
3	Transmission	Transmission Lines	2,667,030
4	Distribution	Distribution Substation	12,574,359
5	Distribution	Distribution Highway Jobs	179,234
6	Distribution	Street Lights	206,860
7	Distribution	Distribution Improvements	1,672,667
8	General	Equipment & Tools	267,084
9	General	Intangible Plant - Software	7,849,802
10	Common	Gen. Bldg. & Oper. Centers	127,239
11	Common	Intangible Plant - Software	213,036
			<u>63,512,637</u>

**Duke Energy Kentucky
Case No. 2019-00271
Staff's First Set Data Requests
Date Received: August 28, 2019**

STAFF-DR-01-026

REQUEST:

Provide, in the format provided in Schedule H, an analysis of the utility's Construction Work in Progress (CWIP) as defined in the Uniform System of Accounts for each project identified in Schedule G.

RESPONSE:

See STAFF-DR-01-026 Attachment for information as of November 30, 2018. For the base period and forecasted test period this data is not available because our construction forecasting is performed at a summarized level, as noted in response to STAFF-DR-01-025.

As outlined on Schedule B-1, the Company is not requesting to include recovery of CWIP in base rates.

PERSON RESPONSIBLE: Melissa B. Abernathy
 Christopher M. Jacobi

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION WORK IN PROGRESS - PERCENT COMPLETE
 AS OF NOVEMBER 30, 2018

SCHEDULE H

Line No. (A)	Project No. (B)	Date Construction Work Began (C)	Estimated Project Completion Date (D)	Percent of Elapsed Time (E)	Original Budget Estimate (F)	Most Recent Budget Estimate (G)	Total Project Expenditures (H)	Percent of Total Expenditures (I) = (H/G)
1	307600007	11/1/2018	1/1/2020	6.81%	59,475	59,475	349	1%
2	323326005	7/1/2018	6/30/2019	41.76%	212,265	212,265	7,540	4%
3	336593050	8/1/2018	8/15/2019	31.93%	25,891	31,991	6,656	21%
4	348643007	6/1/2018	3/1/2020	28.48%	59,330	59,330	2,972	5%
5	354154SG1	11/1/2018	3/31/2020	5.62%	62,115	62,115	37,688	61%
6	CPADEK	3/1/2018	12/31/2050	2.28%	1	1	604	
7	DISOHDK	1/1/2018	3/31/2026	11.06%	-	-	8,295	
8	E1214	9/1/2008	12/31/2050	24.20%	-	-	74,000	
9	ETSPDCAPK	7/1/2008	12/31/2050	24.51%	-	-	(43,382)	
10	KMW18289A	10/1/2018	3/31/2019	33.15%	934,250	934,250	494	0%
11	KMW18289B	10/1/2018	3/31/2019	33.15%	2,802,750	2,802,750	50,904	2%
12	NINT1105K	8/1/2017	1/31/2020	53.23%	234,263	234,263	230,817	99%
13	RF17Q4DEK	12/1/2017	3/31/2018	100.00%	1,504	1,504	1,345	89%
14	307600001	1/1/2018	12/1/2019	47.64%	12,302	12,302	22,788	185%
15	337767001	10/1/2018	12/17/2019	13.57%	2,357	2,357	971	41%
16	323123DEK	1/1/2018	3/28/2020	40.76%	11,446	11,446	11,702	102%
17	CEB020290	8/1/2016	11/15/2018	100.00%	3,085,662	3,085,662	32,084	1%
18	CEB020298	8/1/2016	5/1/2019	84.85%	29,960,739	29,960,739	28,531,240	95%
19	CEB020690	10/1/2018	12/31/2018	65.93%	223,972	223,972	15,921	7%
20	CEB020768	9/1/2017	3/31/2020	48.30%	976,447	976,447	826,952	85%
21	CEB021281	1/1/2018	5/31/2020	37.80%	21,601,631	2,347	175,199	7466%
22	CEB021410	12/1/2015	8/30/2018	100.00%	6,629,700	24,439,593	41,873	0%
23	EBO20146X	10/1/2018	9/8/2019	17.54%	2,971,507	2,971,507	176,740	6%
24	EBO20900X	11/1/2018	12/31/2018	48.33%	11,925	11,925	6,772	57%
25	EBO20904X	11/1/2018	12/31/2018	48.33%	19,841	19,841	17,276	87%
26	EBO20908X	11/1/2018	12/31/2018	48.33%	19,579	19,579	19,990	102%
27	EBO20917X	11/1/2018	12/31/2018	48.33%	28,065	28,065	28,074	100%
28	EBO20918X	11/1/2018	12/31/2018	48.33%	6,741	6,741	3,501	52%
29	EBO21409X	5/1/2016	12/31/2019	70.43%	7,935,086	20,857,180	6,720,918	32%
30	307600001	1/1/2018	12/1/2019	47.64%	73,111	73,111	22,456	31%
31	337767001	10/1/2018	12/17/2019	13.57%	1,878	1,878	774	41%
32	323123DKT	1/1/2018	3/28/2020	40.76%	68,016	68,016	10,455	15%
33	KYSCOCC	11/1/2018	1/1/2019	47.54%	1	1	33,944	
34	KYSCPIT	1/1/2018	12/31/2017	100.00%	-	-	34,041	
35	WDCO0004X	8/1/2016	7/1/2019	79.98%	1,121,399	25,801,932	34,316,920	133%
36	28204	9/1/1996	4/13/2000	100.00%	100	100	136	136%
37	30763	9/1/1998	4/13/2000	100.00%	100	100	2	2%
38	30896	10/1/1998	4/13/2000	100.00%	100	100	44	44%
39	35035	6/1/2000	4/13/2000	100.00%	-	-	(856)	
40	78906	12/1/1999	4/13/2000	100.00%	-	-	(473)	
41	323850001	3/1/2018	1/14/2020	40.06%	31,846	31,846	13,030	41%
42	338802003	6/1/2018	3/30/2020	27.25%	147,321	147,321	15,021	10%
43	338802004	10/1/2018	3/31/2020	10.97%	60,564	52,783	23,199	44%
44	338802005	10/1/2018	3/30/2020	10.99%	41,241	33,459	10,738	32%
45	338802008	9/1/2018	5/29/2019	33.33%	52,026	52,026	878	2%
46	346954001	5/1/2018	12/30/2019	35.03%	128,275	139,345	22,338	16%
47	17BA31	12/1/2017	3/31/2018	100.00%	3,524	3,524	5,764	164%
48	17LTCRO3	10/1/2017	3/31/2019	77.84%	52,076	52,076	49,047	94%
49	17TB15	10/1/2017	3/31/2019	77.84%	20,072	20,072	7,156	36%
50	17TB16	10/1/2017	3/31/2019	77.84%	20,072	20,072	26,559	132%
51	17TB17	10/1/2017	3/31/2019	77.84%	15,322	15,322	17,390	113%
52	ARCOSSW	7/1/2018	3/30/2020	23.82%	129,249	129,249	46,183	36%
53	C9049	6/1/2016	3/31/2019	88.29%	80,000	80,000	41,159	51%
54	C9050	6/1/2016	3/31/2019	88.29%	50,000	50,000	40,690	81%
55	C9051	6/1/2016	3/31/2019	88.29%	17,000	17,000	9,707	57%
56	C9052	6/1/2016	3/31/2019	88.29%	75,000	75,000	40,867	54%
57	CAPAUTOKY	3/1/2014	12/31/2020	69.48%	49	49	2,584	5273%
58	D1912DS1	9/1/2016	8/31/2018	100.00%	2,776,527	2,776,527	42	0%
59	D1929RS1	11/1/2016	4/4/2019	85.86%	282,613	282,613	242,588	86%
60	D1931DL2	5/1/2017	11/29/2022	28.36%	62	62	18,153	29279%
61	D1959DS1	7/1/2017	4/18/2019	78.81%	290,451	290,451	289,505	100%
62	D2016DS1	8/1/2017	12/27/2019	55.35%	4,019,811	4,019,811	666,548	17%
63	D2016DS2	8/1/2017	1/16/2020	54.12%	3,960,624	3,960,624	482,782	12%
64	D2017DL1	4/1/2017	3/31/2020	55.53%	94	94	73,190	77862%
65	D2017DL3	7/1/2017	12/30/2019	56.69%	94	156,575	2,990	2%
66	D2017DL5	12/1/2017	5/31/2020	39.91%	49	12,271	12,349	101%
67	D2018DS1	8/1/2017	4/23/2019	77.14%	3,407,443	3,407,443	2,248,302	66%
68	D2018TS1	7/1/2017	4/23/2019	78.21%	1,145,705	1,145,705	432,143	38%
69	D2019DL1	7/1/2017	11/29/2019	58.68%	94	246,008	19,265	8%
70	D2019DL2	5/1/2017	3/31/2020	54.27%	94	94	29,803	31705%

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71	D2019DL3	7/1/2017	3/31/2020	51.49%	94	94	12,983	13812%
72	D2020DL1	4/1/2017	8/28/2021	37.76%	82	82	857	1045%
73	D2131DL1	10/1/2017	12/14/2019	52.86%	378,746	378,746	117,578	31%
74	D2131DL3	10/1/2017	7/16/2020	41.71%	-	-	19,009	
75	D2134DL2	3/1/2018	12/31/2019	40.90%	529,195	583,484	21,861	4%
76	D2199DL1	12/1/2017	11/1/2019	52.00%	49	65,049	37,745	58%
77	D2199DL2	7/1/2017	3/31/2020	51.49%	49	571,188	203,014	36%
78	D2199DL3	11/1/2017	3/31/2020	44.72%	49	450,580	9,979	2%
79	D2199DL4	3/1/2018	10/31/2019	44.99%	41,400	67,084	765	1%
80	D2208RS1	6/1/2017	3/2/2019	85.60%	382,562	382,562	2,513,267	657%
81	DKY212701	4/1/2018	10/15/2019	43.24%	726,368	726,368	50,625	7%
82	DKY212702	4/1/2018	10/15/2019	43.24%	2,299,493	2,299,493	131,036	6%
83	DKY212703	8/1/2018	10/15/2019	27.50%	860,984	860,984	53,979	6%
84	DKY213201	9/1/2018	1/24/2021	10.27%	-	-	9,320	
85	DKY213318	4/1/2018	5/26/2020	30.92%	1,956,095	1,956,095	37,241	2%
86	DKY213319	4/1/2018	5/29/2020	30.80%	3,017,877	3,017,877	18,203	1%
87	DKY213321	11/1/2018	3/16/2020	5.79%	-	-	66	
88	EMR248	11/1/2016	3/31/2018	100.00%	5,284	5,284	5,531	105%
89	E-TERRASR	8/1/2018	11/30/2019	24.90%	264,721	264,721	7,495	3%
90	H0299	6/1/2015	3/31/2019	91.35%	377,337	377,337	15,231	4%
91	H2111	3/1/2014	2/16/2019	95.70%	823,726	823,726	1,086,424	132%
92	ICCONSTRD	10/1/2017	9/30/2030	8.95%	1	1	3,195	
93	ICCONSTRT	10/1/2017	9/30/2030	8.95%	1	1	3,107	
94	KALRPL	10/1/2017	4/1/2067	2.35%	58	58	2,270	3914%
95	KAR851805	9/1/2016	10/21/2019	71.62%	313,345	313,345	15,229	5%
96	KCIPLW076	2/1/2017	3/31/2019	84.64%	195,323	195,323	3	0%
97	KCIPLW085	3/1/2017	3/31/2019	84.08%	195,323	195,323	2	0%
98	KCIPLW999	11/1/2017	3/31/2020	44.72%	29,929	29,929	304,303	1017%
99	KCMCDT	4/1/2018	12/31/2067	1.34%	93	93	371	399%
100	KCMCEDT	6/1/2018	12/31/2067	1.00%	93	93	25,571	27496%
101	KCMCOWP	11/1/2018	12/31/2067	0.16%	93	93	461	496%
102	KCMCOWS	4/1/2018	12/31/2067	1.34%	93	93	2,141	2302%
103	KCMCUG	12/1/2017	12/31/2067	1.99%	93	93	35,787	38481%
104	KCRFN	6/1/2018	12/31/2067	1.00%	80	80	40,044	50055%
105	KEC920153	9/1/2016	7/31/2019	77.14%	298,274	121,038	15,890	13%
106	KEC920154	9/1/2016	12/30/2019	67.49%	150,468	150,468	31,189	21%
107	KEC920155	9/1/2016	8/31/2019	74.95%	18,342	18,342	12,724	69%
108	KET135851	5/1/2016	6/14/2019	82.79%	414,893	97,495	1,478,576	1517%
109	KET135853	12/1/2016	9/28/2020	52.18%	656,630	816,705	718,063	88%
110	KET135854	12/1/2016	6/30/2019	77.47%	350,418	401,609	1,191,631	297%
111	KFPLOMX	9/1/2017	12/31/2067	2.48%	-	-	9,922	
112	KHR744679	2/1/2016	2/1/2020	70.70%	-	-	(1,031)	
113	KIA703714	12/1/2017	3/1/2019	80.00%	56,580	56,580	55,193	98%
114	KIA705495	4/1/2017	3/1/2019	86.98%	53,637	53,637	5,934	11%
115	KMODC	7/1/2018	12/31/2067	0.84%	80	80	8,184	10230%
116	KPOLEIR	8/1/2017	12/31/2067	2.64%	93	93	28,851	31023%
117	KPPL	12/1/2017	12/31/2067	1.99%	2	2	12,971	648550%
118	KRGR	11/1/2017	12/31/2067	2.15%	-	-	15,968	
119	KRMOH	8/1/2017	12/31/2067	2.64%	93	93	26,188	28159%
120	KROC	11/1/2018	12/31/2067	0.16%	-	-	516	
121	KRTP1PH	7/1/2018	12/31/2067	0.84%	93	93	2,332	2508%
122	KRTR3PH	10/1/2017	12/31/2067	2.32%	95	95	15,949	16788%
123	KRUCSEC	4/1/2018	12/31/2067	1.34%	93	93	600	645%
124	KRUL	5/1/2018	4/1/2067	1.19%	91	91	2,282	2508%
125	KSLNOLE	2/1/2018	4/1/2067	1.68%	58	58	21,449	36981%
126	KSMF	3/1/2018	12/31/2067	1.51%	93	93	5,397	5803%
127	KSTMOH	12/1/2017	12/31/2067	1.99%	93	93	60,069	64590%
128	KSVDTUG	8/1/2018	3/31/2068	0.67%	-	-	30,839	
129	KUC261112	3/1/2017	3/19/2019	85.43%	360,637	360,637	820,263	227%
130	KUC261121	6/1/2017	6/30/2019	72.07%	131,530	131,530	1,751	1%
131	KUC348388	6/1/2017	6/30/2019	72.07%	90	90	6,238	6931%
132	KUC348397	10/1/2017	3/1/2019	82.36%	99,264	99,264	206,906	208%
133	KUC348450	10/1/2017	6/30/2019	66.72%	90	90	2,528	2809%
134	KUC348463	7/1/2017	3/1/2019	85.03%	199,651	203,207	142,592	70%
135	KUC348474	7/1/2017	6/28/2020	47.30%	190,408	190,408	649	0%
136	KYGLPR11	5/1/2017	3/31/2021	40.42%	220,579	220,579	40,733	18%
137	KYGLPR15	6/1/2017	3/31/2020	52.90%	20,079	20,079	9,583	48%
138	KYGLPR5	7/1/2016	3/31/2021	50.87%	160,000	160,000	56,225	35%
139	KYPRTF2	4/1/2018	3/31/2021	22.19%	27,000	27,000	11,389	42%
140	KYRELT02	9/1/2018	9/4/2019	24.46%	1,152,231	1,152,231	5,935	1%

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141	KYREL1	8/1/2015	5/13/2020	69.66%	35,000	35,000	261,728	748%
142	M17011101	8/1/2018	2/25/2020	21.12%	-	-	7,781	
143	M18007702	11/1/2018	5/25/2021	3.10%	-	-	11,317	
144	M18016401	6/1/2018	8/27/2019	40.27%	310,204	310,204	36,887	12%
145	M18034601	8/1/2018	8/10/2019	32.35%	2,274,991	70,332	6,644	9%
146	M18046301	8/1/2018	5/8/2019	43.21%	48,796	48,796	13,968	29%
147	M18058101	11/1/2018	4/30/2019	16.11%	736,486	736,486	4,709	1%
148	MDTKE17	1/1/2018	6/1/2020	37.76%	35,475	87,508	25,878	30%
149	MX0004925	11/1/2018	11/29/2019	7.38%	32,901	32,901	(4,214)	-13%
150	MX0076115	10/1/2018	3/31/2020	10.97%	476	476	522	110%
151	MX0077066	11/1/2018	3/31/2020	5.62%	457	457	598	131%
152	MX0088995	11/1/2018	3/31/2019	19.33%	551	551	706	128%
153	MX0089985	11/1/2018	3/31/2019	19.33%	476	476	498	105%
154	MX0090254	6/1/2018	6/1/2019	49.86%	52,535	52,535	25,037	48%
155	MX0090256	9/1/2018	6/1/2019	32.97%	120,339	120,339	49,231	41%
156	MX0090259	6/1/2018	12/28/2018	86.67%	42,783	42,783	31,241	73%
157	MX0090746	11/1/2018	3/31/2020	5.62%	457	457	598	131%
158	MX0093848	11/1/2018	12/31/2019	6.82%	476	466	498	107%
159	MX0106047	11/1/2018	3/31/2020	5.62%	882	895	1,092	122%
160	MX0655166	11/1/2018	9/30/2019	8.71%	1,960	1,960	1,874	96%
161	MX0675382	3/1/2018	3/31/2021	24.33%	228	10,800	1,019	9%
162	MX0705495	3/1/2018	6/1/2019	59.96%	55,215	55,215	58,468	106%
163	MX0920154	6/1/2018	5/31/2020	24.93%	118,478	846	222,855	26346%
164	MX1269760	4/1/2018	3/30/2020	33.33%	20,244	42,597	7,099	17%
165	MX1661647	12/1/2017	7/30/2020	37.45%	228	916,539	35,846	4%
166	MX1848383	8/1/2018	10/17/2018	100.00%	56,432	57,825	42,002	73%
167	MX2167589	9/1/2017	6/1/2019	71.32%	228	80,732	139,713	173%
168	MX2167975	10/1/2017	12/29/2019	51.89%	228	242,160	146,169	60%
169	MX2175246	10/1/2017	1/2/2020	51.64%	228	162,041	557,911	344%
170	MX2239881	1/1/2018	12/31/2019	45.68%	457	145,713	11,932	8%
171	MX2239929	1/1/2018	1/29/2020	43.93%	457	73,683	8,295	11%
172	MX2239971	1/1/2018	3/30/2020	40.66%	457	145,407	26,092	18%
173	MX2240021	1/1/2018	3/30/2020	40.66%	457	269,343	18,151	7%
174	MX2240623	1/1/2018	3/30/2020	40.66%	228	228	10,787	4725%
175	MX6293181	3/1/2018	1/30/2019	81.79%	240,125	139,495	(185,464)	-133%
176	MX6293467	4/1/2018	1/25/2019	81.27%	343,744	193,395	(255,991)	-132%
177	MX6295870	12/1/2017	6/1/2019	66.54%	228	118,494	83,073	70%
178	MX6589455	1/1/2018	3/31/2019	73.35%	7,271	7,271	12,988	179%
179	MX6839574	11/1/2018	7/1/2019	11.98%	168,945	213,197	166,480	78%
180	MX6843545	3/1/2018	6/22/2019	57.32%	228	17,816	11,570	65%
181	MX7048752	1/1/2018	3/31/2020	40.61%	7,451	7,451	12,314	165%
182	MX7090228	4/1/2018	3/23/2020	33.66%	228	170,050	9,555	6%
183	MX7090285	4/1/2018	3/23/2020	33.66%	228	165,744	12,100	7%
184	MX7343749	6/1/2018	6/1/2019	49.86%	18,473	18,443	4,756	26%
185	MX7423928	10/1/2018	5/1/2019	28.30%	132,817	119,037	69,625	58%
186	MX7600673	8/1/2018	3/31/2019	50.00%	41,644	41,644	33,879	81%
187	MX7639718	3/1/2018	7/30/2020	31.07%	13,028	13,028	943	7%
188	MX7691568	6/1/2018	7/1/2019	46.08%	38,272	48,281	7,852	16%
189	MX7691569	7/1/2018	12/29/2019	27.84%	39,899	41,149	29,377	71%
190	MX7691570	7/1/2018	7/30/2019	38.58%	44,184	44,184	26,784	61%
191	MX7691571	7/1/2018	7/30/2019	38.58%	47,488	58,415	27,159	46%
192	MX7691572	7/1/2018	8/14/2019	37.16%	43,667	43,667	33,723	77%
193	MX7691573	7/1/2018	7/30/2019	38.58%	47,358	48,786	28,218	58%
194	MX7708497	5/1/2018	6/28/2019	50.35%	228	50,046	(4,451)	-9%
195	MX7724526	4/1/2018	9/1/2019	46.91%	228	493,569	350,503	71%
196	MX7724611	3/1/2018	12/29/2019	41.02%	228	3,062,415	44,515	1%
197	MX7724670	4/1/2018	9/1/2019	46.91%	228	778,205	234,565	30%
198	MX7724731	8/1/2018	12/29/2019	23.50%	228	767,224	3,530	0%
199	MX7724805	6/1/2018	1/29/2020	29.98%	228	92,831	2,017	2%
200	MX7752157	11/1/2018	9/2/2019	9.51%	228	163,902	792	0%
201	MX7838790	6/1/2018	11/29/2019	33.33%	228	9,052	(1,065)	-12%
202	MX7880714	6/1/2018	7/31/2019	42.82%	228	24,982	(2,193)	-9%
203	MX7972270	8/1/2018	9/2/2019	30.48%	87,518	66,004	79,539	121%
204	MX7997177	6/1/2018	7/30/2019	42.92%	228	48,633	(17,526)	-36%
205	MX8430902	9/1/2018	3/31/2019	42.65%	35,418	35,418	56,965	161%
206	MX8442100	9/1/2018	3/31/2019	42.65%	35,418	35,418	44,010	124%
207	MX8520300	7/1/2018	6/1/2019	45.37%	228	16,460	25,210	153%
208	MX8593684	6/1/2018	3/31/2019	60.07%	857	857	659	77%
209	MX8667739	8/1/2018	3/30/2020	19.93%	9,204	9,204	5,836	63%
210	MX8693329	10/1/2018	3/30/2020	10.99%	9,907	14,515	7,345	51%

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SCHEDULE H

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211	MX8693627	10/1/2018	3/30/2020	10.99%	3,281	5,552	2,425	44%
212	MX8735624	8/1/2018	4/18/2019	46.54%	228	22,272	(2,096)	-9%
213	MX8897771	9/1/2018	3/31/2019	42.65%	43,033	43,033	33,770	78%
214	MX8898156	9/1/2018	3/31/2019	42.65%	40,659	40,659	33,770	83%
215	MX9060418	7/1/2018	12/1/2019	29.34%	68,432	68,699	33,002	48%
216	MX9127121	9/1/2018	10/11/2019	22.22%	228	88,590	(6,290)	-7%
217	MX9481816	9/1/2018	8/31/2019	24.73%	12,429	12,429	(1,462)	-12%
218	MX9533906	11/1/2018	9/1/2019	9.54%	228	5,192	26	1%
219	MX9579446	9/1/2018	8/30/2019	24.79%	228	12,695	(934)	-7%
220	MX9612876	9/1/2018	6/30/2020	13.47%	228	132,977	4,858	4%
221	MX9624173	9/1/2018	3/29/2020	15.65%	142,487	142,487	2,605	2%
222	MX9749639	11/1/2018	3/31/2020	5.62%	228	228	6,322	2769%
223	MX9916539	10/1/2018	9/1/2019	17.91%	228	5,503	359	7%
224	MX9917129	11/1/2018	12/26/2019	6.90%	228	39,265	71,954	183%
225	MX9998915	5/1/2018	7/30/2020	25.94%	228	228	13,745	6020%
226	MX9998916	5/1/2018	11/30/2020	22.56%	228	228	49	21%
227	P7274	1/1/2015	6/30/2019	87.08%	205,738	130,589	119,434	91%
228	SG223SW	5/1/2017	2/28/2023	27.15%	1,016,639	1,016,639	279,437	27%
229	SG305SVRS	9/1/2016	11/30/2019	69.20%	5,323	5,323	24,680	464%
230	SG305SW	8/1/2016	11/30/2019	69.98%	189,544	189,544	136,546	72%
231	SG336OUA	8/1/2018	4/30/2020	18.97%	73,357	73,357	14,941	20%
232	SG336SW	9/1/2016	4/1/2021	49.01%	1,049,863	1,049,863	377,299	36%
233	SG344SW	1/1/2016	11/30/2019	74.46%	73,774	73,774	47,925	65%
234	SG358HW19	5/1/2018	8/18/2019	44.94%	30,270	30,270	43,871	145%
235	SG358SW2	5/1/2018	8/18/2019	44.94%	10,496	10,496	10,885	104%
236	SG359SW	9/1/2018	12/1/2022	5.80%	229,798	227,864	6,248	3%
237	SG361SW	1/1/2016	1/31/2021	57.30%	266,133	266,133	2,173	1%
238	SG438LIC	7/1/2018	3/31/2020	23.79%	8,250	8,250	39,444	478%
239	SG459FB01	2/1/2018	3/31/2019	71.39%	37,132	37,132	11,980	32%
240	SG459FB02	2/1/2018	3/31/2019	71.39%	37,132	37,132	2,423	7%
241	SG489SVRS	5/1/2017	12/31/2018	94.91%	44,829	44,829	41,775	93%
242	SG489SW	11/1/2016	12/31/2018	96.08%	22,988	22,988	30,465	133%
243	SG598CDEQ	9/1/2017	4/30/2019	75.08%	85,620	85,620	141,279	165%
244	SG601SW	6/1/2017	6/1/2022	29.96%	42,090	42,090	18,921	45%
245	SG732TR01	9/1/2018	3/31/2020	15.60%	968,336	968,336	1,948	0%
246	SG744MTR	7/1/2018	3/31/2020	23.79%	248,822	248,822	2,153	1%
247	SG776MTR	3/1/2018	6/30/2019	56.38%	1	1	327,409	
248	SG781SW	7/1/2018	3/31/2020	23.79%	110,270	110,270	24,889	23%
249	SG790TMGR	4/1/2018	9/30/2019	44.42%	33,758	33,758	18,086	54%
250	SG790VISU	4/1/2018	7/30/2019	50.10%	26,181	26,181	9,220	35%
251	SG792SW	7/1/2018	3/31/2019	55.68%	22,428	22,428	1,675	7%
252	SG794DES	6/1/2018	3/1/2025	7.38%	3,707,866	3,707,866	19,259	1%
253	SG795SW	7/1/2018	12/15/2019	28.57%	13,121	13,121	375	3%
254	SG797SVRS	9/1/2018	11/30/2019	19.78%	2,476	2,476	2,677	108%
255	SG797SW	9/1/2018	11/30/2019	19.78%	18,436	18,436	1,176	6%
256	SG829PT01	6/1/2018	3/30/2019	60.26%	25,645	25,645	23,209	91%
257	SGCAPATKY	1/1/2017	12/31/2025	21.24%	83	83	70	84%
258	SGDLSKY	5/1/2017	12/31/2025	18.26%	94	94	78	83%
259	SGDMS3SW	9/1/2016	1/31/2021	50.84%	210,242	210,242	211,525	101%
260	SGETOAS	5/1/2015	3/31/2020	72.88%	208,124	208,124	409,231	197%
261	SGKAMIMGT	1/1/2016	6/30/2019	83.39%	603,878	603,878	1,226,900	203%
262	SGOVH	1/1/2016	12/31/2050	8.32%	95	95	(54)	-57%
263	SGPILCKY	1/1/2017	12/31/2025	21.24%	83	83	121	146%
264	SGRFSKY	1/1/2017	12/31/2025	21.24%	83	83	80	96%
265	SGSELFKY	12/1/2017	12/31/2025	12.33%	1	1	86	
266	T1611DS1	3/1/2017	4/30/2019	80.89%	1,219,379	1,219,379	411,030	34%
267	T1695TS1	10/1/2016	2/24/2020	63.66%	1,153,424	1,153,424	490,308	43%
268	T1695TS2	12/1/2016	4/18/2020	59.08%	352,819	352,819	110,398	31%
269	T1791DS1	7/1/2017	2/25/2020	53.35%	3,017,308	3,017,308	596,759	20%
270	T1791TS1	8/1/2017	7/31/2020	44.38%	79,695	79,695	108,352	136%
271	T1901DS1	4/1/2018	1/25/2020	36.60%	3,344,657	3,344,657	306,882	9%
272	T1901TS1	2/1/2018	2/29/2020	39.84%	2,785,992	2,785,992	205,772	7%
273	T1935DS1	11/1/2017	2/11/2020	47.36%	342,079	342,079	215,627	63%
274	T2009DS1	6/1/2017	4/20/2019	79.51%	1,962,535	1,962,535	510,891	26%
275	T2128TL1	2/1/2018	2/29/2020	39.84%	118,357	118,357	12,826	11%
276	T2128TS1	8/1/2017	3/17/2020	50.68%	4,045,269	4,045,269	808,588	20%
277	T2204DS1	6/1/2018	2/19/2021	18.31%	2,109,259	2,109,259	8,491	0%
278	T2227TL1	9/1/2018	11/8/2025	3.43%	7,186,714	7,480,297	4,619	0%
279	T2227TL2	9/1/2018	10/13/2025	3.46%	6,725,687	6,725,687	854	0%
280	TKY190101	7/1/2018	3/1/2021	15.61%	205,975	205,975	46,037	22%

DUKE ENERGY KENTUCKY
 CASE NO. 2019-00271
 CONSTRUCTION WORK IN PROGRESS - PERCENT COMPLETE
 AS OF NOVEMBER 30, 2018

SCHEDULE H

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281	TKYTOOL	11/1/2017	12/31/2050	3.25%	100	100	153,782	153782%
282	TOUTKY01	11/1/2018	3/1/2021	3.41%	18,000	72,000	104,085	145%
283	URDSTSP	10/1/2017	12/31/2050	3.50%	49	49	1,083	2210%
284	307482	5/1/2017	6/25/2019	73.63%	28,598	28,598	38,483	135%
285	344368	11/1/2017	3/31/2020	44.72%	22,937	22,937	12,362	54%
286	336593019	3/1/2018	3/31/2020	36.01%	14,982	14,982	13,148	88%
287	344598001	4/1/2018	12/24/2019	38.45%	282,698	282,698	34,560	12%
288	311803CH	1/1/2016	3/31/2019	89.79%	3,243	3,243	1,149	35%
289	315986A	8/1/2017	6/30/2022	27.09%	3,313,201	3,313,201	527,185	16%
290	315986C	8/1/2017	5/28/2019	73.08%	267,636	406,035	257,791	63%
291	315986D	8/1/2017	12/30/2019	55.16%	399,313	399,313	143,920	36%
292	315986E	8/1/2017	6/30/2020	45.68%	166,907	166,907	92,303	55%
293	315986HW4	8/1/2018	6/1/2019	39.80%	76,896	76,896	34,784	45%
294	342284C	9/1/2017	3/31/2020	48.30%	9,664	9,664	26,074	270%
295	Blank Project ID						(182)	
							<u>97,978,894</u>	