

Per 2022 FERC Form 1

DESCRIPTION	Form No. 1 Page, Line, Col.	DEO	DEK	DEOK
<b>GROSS PLANT IN SERVICE</b>				
Production	205.46.g	\$ -	\$ 1,426,237,670	\$ 1,426,237,670
Transmission	207.58.g	1,338,716,515	106,785,902	1,445,502,417
Distribution	207.75.g	3,411,080,401	655,637,882	4,066,718,283
General & Intangible	205.5.g & 207.99.g	612,870,942	55,665,295	668,536,237
Common	356 (Total Common x Elec Dept %)	254,543,700	30,899,174	285,442,874
<b>TOTAL GROSS PLANT</b>		\$ 5,617,211,558	\$ 2,275,225,923	\$ 7,892,437,481
<b>ACCUMULATED DEPRECIATION</b>				
Production	219.20.c-219.24.c	\$ (14,090)	\$ 649,781,070	\$ 649,766,980
Transmission	219.25.c	163,083,334	12,684,422	175,767,756
Distribution	219.26.c	746,619,193	155,338,325	901,957,518
General & Intangible	200.21.c & 219.28.c	236,695,715	22,772,833	259,468,548
Common	356	113,732,034	19,422,760	133,154,794
<b>TOTAL ACCUM. DEPRECIATION</b>		\$ 1,260,116,186	\$ 859,999,410	\$ 2,120,115,596
<b>NET PLANT IN SERVICE</b>				
Production	Calculated	\$ 14,090	\$ 776,456,600	\$ 776,470,690
Transmission	Calculated	1,175,633,181	94,101,480	1,269,734,661
Distribution	Calculated	2,664,461,208	500,299,557	3,164,760,765
General & Intangible	Calculated	376,175,227	32,892,462	409,067,689
Common	Calculated	140,811,666	11,476,414	152,288,080
<b>TOTAL NET PLANT</b>		\$ 4,357,095,372	\$ 1,415,226,513	\$ 5,772,321,885
<b>ADJUSTMENTS TO RATE BASE</b>				
Account No. 281 (enter negative)	273.8.k	\$ -	\$ -	\$ -
Account No. 282 (enter negative)	Exhibit No. DUK-102, Pg. 1	(618,922,372)	(221,975,551)	(840,897,923)
Account No. 283 (enter negative)	Exhibit No. DUK-102, Pg. 1	(28,329,824)	(18,331,759)	(46,661,583)
Account No. 190	Exhibit No. DUK-102, Pg. 1	24,026,220	32,114,219	56,140,439
Net (Excess) / Deficient Deferred Tax Adj. (Account No. 182.3 and 254)	DIT Worksheet, x.g	(225,442,310)	(55,918,028)	(281,360,338)
Account No. 255 (enter negative)	267.8.h	0	0	0
<b>TOTAL ADJUSTMENTS</b>		\$ (848,668,286)	\$ (264,111,119)	\$ (1,112,779,405)
<b>LAND HELD FOR FUTURE USE (Note G)</b>	214.x.d [Exhibit No. DUK-102, Pg. 3]	\$ (1,997)	\$ -	\$ (1,997)
<b>WORKING CAPITAL</b>				
CWC	calculated	\$ 9,521,391	\$ 3,258,421	\$ 12,779,812
Materials & Supplies (Note G)	Exhibit No. DUK-102, Pg. 2	21,191,056	435	21,191,491
Prepayments (Account 165)	111.57.c [Exhibit No. DUK-102, Pg. 18]	227,647	259,865	487,512
<b>TOTAL WORKING CAPITAL</b>		\$ 30,940,094	\$ 3,518,721	\$ 34,458,815
		<b>\$ 3,539,365,183</b>	<b>\$ 1,154,634,115</b>	<b>\$ 4,693,999,298</b>
<b>O&amp;M</b>				
Transmission	321.112.b	\$ 41,092,029	\$ 26,971,185	\$ 68,063,214
Less LSE Expenses included in Transmission O&M Accounts (Note V)	Exhibit No. DUK-102, Pg. 17	22,343,630	3,327,751	25,671,381
Less Midwest ISO Exit Fees included in Transmission O&M	(Note X)	0	0	0
Less EPRI Annual Membership Dues (Note I)	Exhibit No. DUK-102, Pg. 4	68,220	4,164	72,384
Less Account 565	321.96.b	0	21,126,946	21,126,946
A&G	Exhibit No. DUK-102, Pg. 5	60,481,477	24,501,026	84,982,503
PBOP Expense excluding Pension Expense included in line 3 for information only	(Note E) [Exhibit No. DUK-102, Pg. 11-12]	1,586,917	267,356	1,854,273
Less PJM Integration Costs included in A&G	(Note Y)	0	0	0
Less Internal Integration Costs included in A&G		0	0	0
Less FERC Annual Fees	350.b	0	0	0
Less EPRI & Reg. Comm. Exp. & Non-safety Advertising (Note I)	Exhibit No. DUK-102, Pg. 4	3,058,227	957,439	4,015,666
Plus Transmission Related Reg. Comm. Exp. (Note I)	Exhibit No. DUK-102, Pg. 19	67,696	11,454	79,150
Common	356	0	0	0
Transmission Lease Payments		0	0	0
<b>TOTAL O&amp;M (sum lines 1, 3, 5a, 6, 7 less lines 1a, 1b, 1c, 2, 3b, 4, 5)</b>		\$ 76,171,125	\$ 26,067,365	\$ 102,238,490
<b>DEPRECIATION EXPENSE</b>				
Transmission	336.7.f	\$ 24,009,300	\$ 2,032,865	\$ 26,042,165
General & Intangible	336.1.f & 336.10.f	41,661,182	4,904,291	46,565,473
Common	336.11.f	8,540,409	10,941	8,551,350
<b>TOTAL DEPRECIATION (Sum lines 9 - 11)</b>		\$ 74,210,891	\$ 6,948,097	\$ 81,158,988
<b>TAXES OTHER THAN INCOME TAXES</b>				
<b>LABOR RELATED</b>				
Payroll	263.1.	\$ 3,549,010	\$ 1,702,504	\$ 5,251,514
Highway and vehicle	263.1.	0	0	0
<b>PLANT RELATED</b>				
Property	263.1.	190,752,649	15,509,813	206,262,462
Gross Receipts	263.1.	3,103,522	0	3,103,522
Other	263.1.	0	0	0
Payments in lieu of taxes		0	0	0
<b>TOTAL OTHER TAXES (sum lines 13 - 19)</b>		\$ 197,405,181	\$ 17,212,317	\$ 214,617,498

Per 2022 FERC Form 1

DESCRIPTION	Form No. 1 Page, Line, Col.	DEO	DEK	DEOK
<b>INCOME TAX RATES</b>				
Federal Income Tax (FIT)		21.000000%	21.000000%	
State Income Tax (SIT) or Composite SIT (percent of federal income tax deductible for state purposes)	Exhibit No. DUK-102, Pg. 6	0.000000%	5.000000%	
Effective Income Tax Rate		0.000000%	0.000000%	
Amortized Investment Tax Credit	266.8.f (enter negative)	(97,078)	(77)	(97,155)
Amortization of Excess/Deficient Deferred Income Taxes (Note O)	DIT Worksheet, x.d and x.e	(16,541,346)	(4,416,028)	(20,957,374)
<b>TRANSMISSION PLANT INCLUDED IN ISO RATES</b>				
Less transmission plant excluded from ISO rates (Note M)		0	0	0
Less transmission plant included in OATT Ancillary Services (Note N)	Exhibit No. DUK-102, Pg. 7	0	17,042,710	17,042,710
<b>TRANSMISSION EXPENSES</b>				
(561.1) Load Dispatch-Reliability	321.85.b	661,218	84,220	745,438
(561.2) Load Dispatch-Monitor & Operate Transmission System	321.86.b	2,828,710	370,259	3,198,969
(561.3) Load Dispatch-Transmission Service & Scheduling	321.87.b	392,382	49,714	442,096
Less transmission expenses included in OATT Ancillary Services (Note L)	321.85-87.b	3,882,310	504,193	4,386,503
<b>WAGES &amp; SALARY ALLOCATOR (W&amp;S)</b>				
		\$	\$	
Production	354.20.b	38,385	12,554,113	12,592,498
Transmission	354.21.b	6,236,240	826,982	7,063,222
Distribution	354.23.b	22,218,779	3,670,062	25,888,841
Other	354.24,25,26.b	10,797,676	2,068,456	12,866,132
Total (sum lines 12-15)		39,291,080	19,119,613	58,410,693
<b>COMMON PLANT ALLOCATOR (CE) (Note O)</b>				
		\$	\$	
Electric	200.3.c	5,019,117,154	2,057,804,272	7,076,921,426
Gas	201.3.d	2,679,056,885	728,816,160	3,407,873,045
Water	201.3.e	0	0	0
Total (sum lines 17 - 19)		7,698,174,039	2,786,620,432	10,484,794,471
<b>RETURN (R)</b>				
Interest on Long-Term Debt (427)	117.62.c	99,326,481	27,687,076	127,013,557
Amort. Of Debt Disc. And Expense (428)	117.63.c	3,469,867	421,127	3,890,994
Amort. Of Loss on Reacquired Debt (428.1)	117.64.c	338,898	122,140	461,038
(Less) Amort. Of Premium on Debt-Credit (429)	117.65.c	(473,735)	-	(473,735)
(Less) Amort. Of Gain on Reacquired Debt-Credit (429.1)	117.66.c	-	-	0
Interest on Debt to Assoc. Companies (430)	117.67.c	6,057,200	1,480,518	7,537,718
Long Term Interest	117, 62.c-67.c	108,718,711	29,710,861	138,429,572
Preferred Dividends	118.29.c (positive number)	0	0	0
Development of Common Stock:				
Proprietary Capital	112.16.c [Exhibit No. DUK-102, Pg. 9]	4,029,946,017	880,194,486	4,910,140,503
(Less) Preferred Stock	112.3.c	0	0	0
(Less) Account 216.1	112.12.c (enter negative)	(801,826,672)	0	(801,826,672)
Common Stock		3,228,119,345	880,194,486	4,108,313,831
	(Note P)	\$	\$	
Bonds (221)	112.18.c	1,850,000,000	0	1,850,000,000
(Less) Reacquired Bonds (222)	112.19.c	0	0	0
Advances from Associated Companies (223)	112.20.c	0	25,000,000	25,000,000
Other Long-Term Debt (224)	112.21.c	650,000,000	756,720,000	1,406,720,000
Long Term Debt	112, 18.c-21.c	2,500,000,000	781,720,000	3,281,720,000
Preferred Stock	112.3.c	0	0	0
Common Stock	page 4 of 6, line 26	3,228,119,345	880,194,486	4,108,313,831
Total (sum lines 27-29)		5,728,119,345	1,661,914,486	7,390,033,831
<b>REVENUE CREDITS</b>				
a. Bundled Non-RQ Sales for Resale	311.x.h	0	0	0
b. Bundled Sales for Resale included in Divisor on page 1		0	0	0
Total of (a)-(b)				
ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)	Exhibit No. DUK-102, Pg. 8	\$ 341,563	\$ 131,255	\$ 472,818
ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note U)	Exhibit No. DUK-102, Pg. 8	\$ 2,555,102	\$ 131,595	\$ 2,686,697
ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note W)	Exhibit No. DUK-102, Pg. 8	\$ 1,048,862	\$ -	\$ 1,048,862
<b>ROE - Docket Nos. ER12-91-000 and ER12-92-000 (Settlement)</b>		<b>11.38%</b>	<b>11.38%</b>	<b>11.38%</b>
Revenue Requirement	Page 1 of 6, Line 7	\$ 199,404,200	\$ 10,858,507	\$ 210,262,707
FERC Refund Rate		6.31%		

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

**DUKE ENERGY OHIO AND DUKE ENERGY KENTUCKY (DEOK)**

Line No.	(1)	(2)	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT	DEO + DEK			\$ 214,429,133
	REVENUE CREDITS				
2	Account No. 454	DEO + DEK			\$ 451,870
3	Account No. 456.1	DEO + DEK			2,665,694
4a	Revenues from Grandfathered Interzonal Transactions				-
4b	Revenues from service provided by ISO at a discount				-
5	Legacy MTEP Credit (Account 456.1)	DEO + DEK			1,048,862
	Corrections Related to Prior Year Filings				0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				\$ 4,166,426
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			<u>\$ 210,262,707</u>
	DIVISOR				
8	1 CP	DEO + DEK			5,164,000
9	12 CP	DEO + DEK			4,302,417
10	Reserved				
11	Reserved				
12	Reserved				
13	Reserved				
14	Reserved				
15	Annual Cost (\$/kW/Yr) - 1 CP	(line 7 / line 8)	\$40.717		
16	Annual Cost (\$/kW/Yr) - 12 CP	(line 7 / line 9)	\$48.871		
17	Network Rate (\$/kW/Mo)	(line 15 / 12)	\$3.393		
17a	Point-To-Point Rate (\$/kW/Mo)	(line 16 / 12)	\$4.073		
			Peak Rate		Off-Peak Rate
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16 / 52)	\$0.940		
19	Point-To-Point Rate (\$/kW/Day)	(line 16 / 260; line 16 / 365)	\$0.188 Capped at weekly rate		\$0.134
20	Point-To-Point Rate (\$/MWh)	(line 16 / 4,160; line 16 / 8,760 * 1,000)	\$0.012 Capped at weekly and daily rate		\$5.579

For the 12 months ended: 12/31/2022

DUKE ENERGY OHIO AND DUKE ENERGY KENTUCKY (DEOK)  
Transmission Formula Rate Revenue Requirement  
Utilizing FERC Form 1 Data  
For Rates Effective June 1, 2023

**Schedule 1A Rate Calculation**

Line No.	Source	Revenue Requirement
<b>A. Schedule 1A Annual Revenue Requirements</b>		
1	Total Load Dispatch & Scheduling (Account 561)	Attachment H-22A, Page 4, Line 7 \$ 4,386,503
2	Revenue Credits for Schedule 1A - Note A	\$ 166,259
3	<b>Net Schedule 1A Revenue Requirement for Zone</b>	<b>\$ 4,220,244</b>
<b>B. Schedule 1A Rate Calculations</b>		
4	2022 Annual MWh - Note B	Company Records 26,533,345 MWh
5	Schedule 1A rate \$/MWh	(Line 3 / Line 4) \$0.1591 \$/MWh

Note:

- A Revenue received pursuant to PJM Schedule 1A revenue allocation procedures for transmission service outside of DEOK's zone during the year used to calculate rates under Attachment H-22A.
- B The annual MWh used by all transmission customers per PJM MSRS report.

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY OHIO AND DUKE ENERGY KENTUCKY (DEOK)  
RTEP - Transmission Enhancement Charges

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
		(Note C)	(Page 1, line 9)			(Note D)	(Page 1, line 14)		(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	Tanner Creek - Miami Fort 345kV line	b2831.2	\$ 20,930,091		\$ 1,276,736	\$ 20,499,488		\$ 1,701,458	\$ 399,385	\$ 3,377,579	\$ -	\$ 3,377,579
1b			\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1c			\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$3,377,579	\$0	\$3,377,579
3	RTEP Transmission Enhancement Charges for Attachment H-22A											\$3,377,579

Note Letter

- A Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-22A.
- B Net Transmission Plant is that identified on page 2, line 14 of Attachment H-22A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-22A page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The Network Upgrade Charge is the value to be used in Schedule 12.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY OHIO AND DUKE ENERGY KENTUCKY (DEOK)  
MTEP - Transmission Enhancement Charges

Network Upgrade Charge Calculation By Project

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
			(Note C)	(Page 1, line 9)		(Note D)	(Page 1, line 14)		(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	Hillcrest 345 kV	91	\$ 17,162,017		\$ 1,046,883	\$ 15,841,415		\$ 1,314,837	\$ 308,081	\$ 2,669,801	\$ -	\$ 2,669,801
1b	Project 2	P2	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$2,669,801	\$0	\$2,669,801
3	MTEP Transmission Enhancement Charges											\$2,669,801

- Note Letter
- A Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-22A.
  - B Net Transmission Plant is that identified on page 2, line 14 of Attachment H-22A.
  - C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
  - D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
  - E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-22A page 3 line 12.
  - F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
  - G The Network Upgrade Charge is the value to be used in Schedule 26.
  - H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.

**DUKE ENERGY OHIO, INC.  
DEPRECIATION RATES**

<u>FERC Account Number</u> (A)	<u>Company Account Number</u> (B)	<u>Description</u> (C)	<u>Actual Accrual Rates</u> (D) %
<b>Wholly Owned Transmission Plant</b>			
350	3403	Rights of Way	1.54
352	3420	Structures & Improvements	1.90
352	3424	Structures & Improvements - Duke Ohio - Loc. in Ky.	1.90
353	3430	Station Equipment	1.68
353	3434	Station Equipment - Duke Ohio - Loc. in Ky.	1.68
354	3440	Towers & Fixtures	1.85
354	3444	Towers & Fixtures - Duke Ohio - Loc. in Ky.	1.85
355	3450	Poles & Fixtures	2.31
355	3454	Poles & Fixtures - Duke Ohio - Loc. in Ky.	2.31
356	3460	Overhead Conductors & Devices	1.91
356	3464	Overhead Conductors & Devices - Duke Ohio - Loc. in Ky.	1.91
357	3470	Underground Conduit	1.43
358	3480	Underground Conductors & Devices	2.37
<b>Commonly Owned Transmission Plant - CCD Projects</b>			
352	3421	Structures & Improvements - CCD Projects	2.50
352	3425	Structures & Improvements - CCD Projects	2.50
353	3431	Station Equipment - CCD Projects	2.86
353	3432	Station Equipment - CCD Projects	2.86
353	3435	Station Equipment - CCD Projects	2.86
353	3437	Station Equipment - CCD Projects	2.86
354	3441	Towers & Fixtures - CCD Projects	3.00
354	3442	Towers & Fixtures - CCD Projects	3.00
354	3445	Towers & Fixtures - CCD Projects	3.00
354	3446	Towers & Fixtures - CCD Projects - Loc. In Ky.	3.00
354	3448	Towers & Fixtures - CCD Projects	3.00
355	3451	Poles & Fixtures - CCD Projects	3.00
355	3455	Poles & Fixtures - CCD Projects	3.00
356	3461	Overhead Conductors & Devices - CCD Projects	2.50
356	3462	Overhead Conductors & Devices - CCD Projects	2.50
356	3465	Overhead Conductors & Devices - CCD Projects	2.50
356	3466	Overhead Conductors & Devices - CCD Projects - Loc. In Ky.	2.50
<b>Commonly Owned Transmission Plant - CD Projects</b>			
352	3423	Structures & Improvements - CD Projects	2.50
353	3433	Station Equipment - CD Projects	2.86
353	3438	Station Equipment - CD Projects	2.86
354	3447	Towers & Fixtures - CD Projects	3.00
356	3467	Overhead Conductors & Devices - CD Projects	2.50

**DUKE ENERGY OHIO, INC.  
DEPRECIATION RATES**

<u>FERC Account Number</u> (A)	<u>Company Account Number</u> (B)	<u>Description</u> (C)	<u>Actual Accrual Rates</u> (D) %
<b>General and Intangible Plant</b>			
303	3030	Miscellaneous Intangible Plant - 5 Year	20.00
303	30310	Miscellaneous Intangible Plant - 10 Year	10.00
389	3890	Land and Land Rights	N/A
390	3900	Structures and Improvements	4.20
391	3910	Office Furniture and Equipment	5.00
391	3911	Electronic Data Processing Equipment	20.00
392	3920	Transportation Equipment	9.09
392	3921	Trailers	4.13
393	3930	Stores Equipment	5.00
394	3940	Tools, Shop & Garage Equipment	4.00
395	3950	Laboratory Equipment	6.67
396	3960	Power Operated Equipment	5.29
397	3970	Communication Equipment	6.67
398	3980	Miscellaneous Equipment	5.00
<b>Common Plant</b>			
	1030	Miscellaneous Intangible Plant	20.00
	1701	Common AMI Meters	6.67
	1890	Land and Land Rights	N/A
	1900	Structures and Improvements	3.29
	1910	Office Furniture and Equipment	5.00
	1911	Electronic Data Processing Equipment	20.00
	1920	Transportation Equipment	8.33
	1921	Trailers	4.13
	1930	Stores Equipment	5.00
	1940	Tools, Shop & Garage Equipment	4.00
	1960	Power Operated Equipment	5.29
	1970	Communication Equipment	6.67
	1980	Micellaneous Equipment	5.00



**DUKE ENERGY KENTUCKY, INC.  
DEPRECIATION RATES**

<b><u>FERC Account Number</u></b> (A)	<b><u>Company Account Number</u></b> (B)	<b><u>Description</u></b> (C)	<b><u>Actual Accrual Rates</u></b> (D) %
<b>Transmission Plant</b>			
350	3501	Rights of Way	1.27
352	3520	Structures & Improvements	1.96
353	3530	Station Equipment	2.16
353	3532	Station Equipment - Major	1.73
353	3535	Station Equipment - Electronic	2.16
355	3550	Poles & Fixtures	1.76
356	3560	Overhead Conductors & Devices	1.91
<b>General and Intangible Plant</b>			
303	3030	Miscellaneous Intangible Plant - 5 Year	20.00
303	30310	Miscellaneous Intangible Plant - 10 Year	10.00
390	3900	Structures and Improvements	3.40
391	3910	Office Furniture and Equipment	5.00
391	3911	Electronic Data Processing Equipment	20.00
392	3921	Trailers	3.84
394	3940	Tools, Shop & Garage Equipment	4.00
397	3970	Communication Equipment	6.67
<b>Common Plant</b>			
	1030	Miscellaneous Intangible Plant	20.00
	1900	Structures and Improvements	1.26
	1910	Office Furniture and Equipment	5.00
	1911	Electronic Data Processing Equipment	20.00
	1940	Tools, Shop & Garage Equipment	4.00
	1970	Communication Equipment	6.67
	1980	Miscellaneous Equipment	6.67

For the 12 months ended: 12/31/2022

**Duke Energy Ohio, Inc.**  
**Protected Federal Excess/Deficient Deferred Income Tax Worksheet**

Line No.	Offset (Dr.)/Cr. Deferred Income Tax Remeasurement (a)	Dr./((Cr.) 190 (b)	Dr./((Cr.) 282 (c)	Dr./((Cr.) 283 (d)	Dr./((Cr.) Total (e)
1	Pre-Remeasurement ADIT	\$ 25,011,816	\$ (485,389,618)	\$ -	\$ (460,377,802)
2	Post-Remeasurement ADIT	9,708,141	(291,233,771)	-	(281,525,630)
3	ADIT Remeasurement Total	\$ (15,303,675)	\$ 194,155,847	\$ -	\$ 178,852,172
4	182.3 <sup>(6)</sup>	\$ -	\$ -	\$ -	\$ -
5	254 (Gross-up Only)	-	-	-	-
6	254 (Exclude Gross-up)	-	-	-	-
7	Balance Sheet Only Total	\$ -	\$ -	\$ -	\$ -
8	Deferred Debits	\$ -	\$ -	\$ -	\$ -
9	Deferred Credits	-	-	-	-
10	182.3	-	-	-	-
11	Deferred Debits	-	194,155,847	-	194,155,847
12	Deferred Credits	(15,303,675)	-	-	(15,303,675)
13	254	(15,303,675)	194,155,847	-	178,852,172
14	Excess / (Deficient) DIT Total	\$ (15,303,675)	\$ 194,155,847	\$ -	\$ 178,852,172
15	Debits	\$ -	\$ -	\$ -	\$ -
16	Credits	-	-	-	-
17	411.2	-	-	-	-
18	Def. Income Tax Expense Total	\$ -	\$ -	\$ -	\$ -
19	Total Change in Excess / (Deficient) DIT (Line 7 + Line 14 + Line 18)	\$ (15,303,675)	\$ 194,155,847	\$ -	\$ 178,852,172

(a) Year	(b) <sup>1</sup> Amortization Rate	(c) Beginning year balance	(d) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 411.1	(e) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 410.1	(f) <sup>3</sup> DIT Reclass to Unprotected	(g) <sup>5</sup> = (c-d-e-f) Remaining Balance
2018	0.00%	\$ 178,852,172	\$ -	\$ -	\$ 4,411,418	\$ 174,440,754
2019	0.88%	174,440,754	1,543,210	-	(1,114,768)	174,012,312
2020	3.77%	174,012,312	6,561,905	-	984,486	166,465,921
2021	3.55%	166,465,921	5,902,699	-	-	160,563,223
2022	3.50%	160,563,223	5,623,023	-	-	154,940,199

- Notes:
- Protected Excess Federal ADIT is amortized using ARAM, which will change over time. DEO uses the best available ARAM when setting rates during the annual update process. DEO incorporates updated ARAM into the following year's annual updates.
  - Excess / (Deficient) Deferred Income Tax for all years is amortized to accounts 410.1 or 411.1, as appropriate. The ADIT source account for amortization is determined based on the proportion of the ADIT balance that was transferred to Line 14, Excess / (Deficient) DIT Total. Current year amortization amounts may include true-up adjustments as necessary to reflect actual annual DIT amortization.
  - DEO reclassified the OATT portion of the Protected Excess/(Deficient) DIT to Unprotected Excess/(Deficient) DIT. This amount is included in the Unprotected Excess/(Deficient) DIT balance to return to customers.
  - To Page 3, Line 25
  - To Page 2, Line 23
  - The combined gross-up of the protected and unprotected Excess/(Deficient) DIT regulatory liability/asset is presented on the unprotected worksheet.

For the 12 months ended: 12/31/2022

**Duke Energy Ohio, Inc.**  
**Unprotected Federal Excess/Deficient Deferred Income Tax Worksheet**

Line No.	Offset (Dr./Cr.) <u>Deferred Income Tax Remeasurement</u>	Dr./(Cr.) <u>190</u>	Dr./(Cr.) <u>282</u>	Dr./(Cr.) <u>283</u>	Dr./(Cr.) <u>Total</u>
	(a)	(b)	(c)	(d)	(e)
1	Pre-Remeasurement ADIT	\$ 14,987,165	\$ (309,037,093)	\$ (40,578,234)	\$ (334,628,162)
2	Post-Remeasurement ADIT	<u>90,463,734</u>	<u>(184,747,541)</u>	<u>(25,373,494)</u>	<u>(119,657,301)</u>
3	ADIT Remeasurement Total	\$ 75,476,569	\$ 124,289,552	\$ 15,204,740	\$ 214,970,861
4	182.3 <sup>(6)</sup>	\$ -	\$ 32,534,619	\$ -	\$ 32,534,619
5	254 (Gross-up only)	79,217,273	-	-	79,217,273
6	254 (Exclude Gross-up)	<u>(236,711)</u>	-	-	<u>(236,711)</u>
7	Balance Sheet Only Total	\$ 78,980,562	\$ 32,534,619	\$ -	\$ 111,515,181
8	Deferred Debits	\$ -	\$ -	\$ -	\$ -
9	Deferred Credits	-	-	-	-
10	182.3	-	-	-	-
11	Deferred Debits	3,360,269	121,481,175	17,985,167	142,826,611
12	Deferred Credits	(6,864,262)	(29,413,472)	(2,722,830)	(39,000,564)
13	254	<u>(3,503,993)</u>	<u>92,067,703</u>	<u>15,262,337</u>	<u>103,826,047</u>
14	Excess / (Deficient) DIT Total	\$ (3,503,993)	\$ 92,067,703	\$ 15,262,337	\$ 103,826,047
15	Debits	\$ -	\$ -	\$ -	\$ -
16	Credits	-	-	-	-
17	411.2	-	(312,770)	(57,597)	(370,367)
18	Def. Income Tax Expense Total	\$ -	\$ (312,770)	\$ (57,597)	\$ (370,367)
19	Total Change in Excess / (Deficient) DIT (Line 7 + Line 14 + Line 18)	\$ 75,476,569	\$ 124,289,552	\$ 15,204,740	\$ 214,970,861

	(a) Year	(b) <sup>1</sup> Amortization Rate	(c) Beginning year balance	(d) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 411.1	(e) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 410.1	(f) <sup>3</sup> DIT Reclass to Unprotected	(g) <sup>5</sup> = (c-d-e-f) Remaining Balance
20	2018	10.00%	\$ 103,826,047	\$ -	\$ -	\$ (4,411,418)	\$ 108,237,465
21	2019	10.00%	108,237,465	6,657,667	-	1,114,768	100,465,029
22	2020	10.00%	100,465,029	9,183,400	-	(984,486)	92,266,115
23	2021	10.00%	92,266,115	10,845,682	-	-	81,420,433
24	2022	10.00%	81,420,433	10,918,322	-	-	70,502,111

Notes:

- (1) Unprotected Excess/(Deficient) Federal ADIT is amortized over ten years.
- (2) Excess / (Deficient) Deferred Income Tax for all years is amortized to accounts 410.1 or 411.1, as appropriate. The ADIT source account for amortization is determined based on the proportion of the ADIT balance that was transferred to Line 14, Excess / (Deficient) DIT Total. Current year amortization amounts may include true-up adjustments as necessary to reflect actual annual DIT amortization.
- (3) DEO reclassified the OATT portion of the Protected Excess/(Deficient) DIT to Unprotected Excess/(Deficient) DIT. This amount is included in the Unprotected Excess/(Deficient) DIT balance to return to customers.
- (4) To Page 3, Line 25
- (5) To Page 2, Line 23
- (6) The combined gross-up of the protected and unprotected Excess/(Deficient) DIT regulatory liability/asset is presented on the unprotected worksheet.

For the 12 months ended: 12/31/2022

**Duke Energy Kentucky, Inc.**  
**Protected Federal Excess/Deficient Deferred Income Tax Worksheet**

Line No.	Offset (Dr.)/Cr. <u>Deferred Income Tax Remeasurement</u>	Dr./(Cr.) <u>190</u>	Dr./(Cr.) <u>282</u>	Dr./(Cr.) <u>283</u>	Dr./(Cr.) <u>Total</u>
	(a)	(b)	(c)	(d)	(e)
1	Pre-Remeasurement ADIT	\$ -	\$ (119,539,268)	\$ -	\$ (119,539,268)
2	Post-Remeasurement ADIT	-	(71,723,561)	-	(71,723,561)
3	ADIT Remeasurement Total	\$ -	\$ 47,815,707	\$ -	\$ 47,815,707
4	182.3 <sup>(6)</sup>	\$ -	\$ -	\$ -	\$ -
5	254 (Gross-up only)	-	-	-	-
6	254 (Exclude Gross-up)	-	-	-	-
7	Balance Sheet Only Total	\$ -	\$ -	\$ -	\$ -
8	Deferred Debits	\$ -	\$ -	\$ -	\$ -
9	Deferred Credits	-	-	-	-
10	182.3	-	-	-	-
11	Deferred Debits	-	47,815,707	-	47,815,707
12	Deferred Credits	-	-	-	-
13	254	-	47,815,707	-	47,815,707
14	Excess / (Deficient) DIT Total	\$ -	\$ 47,815,707	\$ -	\$ 47,815,707
15	Debits	\$ -	\$ -	\$ -	\$ -
16	Credits	-	-	-	-
17	411.2	-	-	-	-
18	Def. Income Tax Expense Total	\$ -	\$ -	\$ -	\$ -
19	Total Change in Excess / (Deficient) DIT (Line 7 + Line 14 + Line 18)	\$ -	\$ 47,815,707	\$ -	\$ 47,815,707

	(a)	(b) <sup>1</sup> Amortization Rate	(c) Beginning year balance	(d) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 411.1	(e) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 410.1	(f) <sup>3</sup> DIT Reclass to Unprotected	(g) <sup>5</sup> = (c-d-e-f) Remaining Balance
20	2018	0.61%	\$ 47,815,707	\$ 292,642	\$ -	\$ 146,320	\$ 47,376,745
21	2019	1.54%	47,376,745	729,855	-	-	46,646,890
22	2020	0.08%	46,646,890	39,035	-	-	46,607,856
23	2021	1.90%	46,607,856	886,481	-	-	45,721,375
24	2022	2.14%	45,721,375	980,034	-	-	44,741,341

Notes:

- (1) Protected Excess Federal ADIT is amortized using ARAM, which will change over time. DEK uses the best available ARAM when setting rates during the annual update process. DEK incorporates updated ARAM into the following year's annual updates.
- (2) Excess / (Deficient) Deferred Income Tax for all years is amortized to accounts 410.1 or 411.1, as appropriate. The ADIT source account for amortization is determined based on the proportion of the ADIT balance that was transferred to Line 14, Excess / (Deficient) DIT Total. Current year amortization amounts may include true-up adjustments as necessary to reflect actual annual DIT amortization.
- (3) DEK reclassified the OATT portion of the Protected Excess/(Deficient) DIT to Unprotected Excess/(Deficient) DIT. This amount is included in the Unprotected Excess/(Deficient) DIT balance to return to customers.
- (4) To Page 3, Line 25
- (5) To Page 2, Line 23
- (6) The combined gross-up of the protected and unprotected Excess/(Deficient) DIT regulatory liability/asset is presented on the unprotected worksheet.

For the 12 months ended: 12/31/2022

**Duke Energy Kentucky, Inc.**  
**Unprotected Federal Excess/Deficient Deferred Income Tax Worksheet**

Line No.	Offset (Dr.)/Cr.	Dr./ (Cr.) 190 (b)	Dr./ (Cr.) 282 (c)	Dr./ (Cr.) 283 (d)	Dr./ (Cr.) Total (e)
1	Pre-Remeasurement ADIT	\$ 22,784,880	\$ (118,861,349)	\$ (32,750,824)	\$ (128,827,293)
2	Post-Remeasurement ADIT	<u>39,533,091</u>	<u>(76,083,486)</u>	<u>(21,737,213)</u>	<u>(58,287,607)</u>
3	ADIT Remeasurement Total	\$ 16,748,211	\$ 42,777,864	\$ 11,013,611	\$ 70,539,686
4	182.3 <sup>(6)</sup>	\$ -	\$ 1,908,088	\$ -	\$ 1,908,088
5	254 (Gross-up only)	<u>24,314,998</u>	-	-	<u>24,314,998</u>
6	254 (Exclude Gross-up)	-	-	-	-
7	Balance Sheet Only Total	\$ 24,314,998	\$ 1,908,088	\$ -	\$ 26,223,086
8	Deferred Debits	\$ -	\$ -	\$ -	\$ -
9	Deferred Credits	-	-	-	-
10	182.3	-	-	-	-
11	Deferred Debits	<u>1,205,432</u>	<u>29,548,968</u>	<u>13,735,205</u>	<u>44,489,605</u>
12	Deferred Credits	<u>(8,772,219)</u>	<u>(7,574,296)</u>	<u>(2,721,594)</u>	<u>(19,068,109)</u>
13	254	<u>(7,566,787)</u>	<u>21,974,672</u>	<u>11,013,611</u>	<u>25,421,496</u>
14	Excess / (Deficient) DIT Total	\$ (7,566,787)	\$ 21,974,672	\$ 11,013,611	\$ 25,421,496
15	Debits	\$ -	\$ -	\$ -	\$ -
16	Credits	-	-	-	-
17	411.2	-	<u>18,895,103</u>	-	<u>18,895,103</u>
18	Def. Income Tax Expense Total	\$ -	\$ 18,895,103	\$ -	\$ 18,895,103
19	Total Change in Excess / (Deficient) DIT (Line 7 + Line 14 + Line 18)	<u>\$ 16,748,211</u>	<u>\$ 42,777,864</u>	<u>\$ 11,013,611</u>	<u>\$ 70,539,686</u>

(a)	(b) <sup>1</sup> Amortization Rate	(c) Beginning year balance	(d) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 411.1	(e) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 410.1	(f) <sup>3</sup> DIT Reclass to Unprotected	(g) <sup>5</sup> = (c-d-e-f) Remaining Balance
20	2018	\$ 25,421,496	\$ 2,202,186	\$ -	\$ (146,320)	\$ 23,365,631
21	2019	23,365,631	3,254,797	-	-	20,110,834
22	2020	20,110,834	3,303,279	-	-	16,807,556
23	2021	16,807,556	3,303,279	-	-	13,504,277
24	2022	13,504,277	3,303,279	-	-	10,200,999

- Notes:
- (1) Unprotected Excess/(Deficient) Federal ADIT is amortized over ten years.
  - (2) Excess / (Deficient) Deferred Income Tax for all years is amortized to accounts 410.1 or 411.1, as appropriate. The ADIT source account for amortization is determined based on the proportion of the ADIT balance that was transferred to Line 14, Excess / (Deficient) DIT Total. Current year amortization amounts may include true-up adjustments as necessary to reflect actual annual DIT amortization.
  - (3) DEK reclassified the OATT portion of the Protected Excess/(Deficient) DIT to Unprotected Excess/(Deficient) DIT. This amount is included in the Unprotected Excess/(Deficient) DIT balance to return to customers.
  - (4) To Page 3, Line 25
  - (5) To Page 2, Line 23
  - (6) The combined gross-up of the protected and unprotected Excess/(Deficient) DIT regulatory liability/asset is presented on the unprotected worksheet.

For the 12 months ended: 12/31/2022

**Duke Energy Kentucky, Inc.**  
**Unprotected State Excess/Deficient Deferred Income Tax Worksheet**

Line No.	Offset (Dr.)/Cr. Deferred Income Tax Remeasurement (a)	Dr./(Cr.) 190 (b)	Dr./(Cr.) 282 (c)	Dr./(Cr.) 283 (d)	Dr./(Cr.) Total (e)
1	Pre-Remeasurement ADIT	\$ 8,274,931	\$ (24,389,390)	\$ (4,617,595)	\$ (20,732,054)
2	Post-Remeasurement ADIT	8,163,559	(23,131,260)	(4,361,585)	(19,329,285)
3	ADIT Remeasurement Total	\$ (111,372)	\$ 1,258,130	\$ 256,010	\$ 1,402,769
4	182.3	\$ -	\$ 6,249	\$ -	\$ 6,249
5	254 (Gross-up only)	441,430	-	-	441,430
6	254 (Exclude Gross-up)	(374,507)	-	-	(374,507)
7	Balance Sheet Only Total	\$ 66,923	\$ 6,249	\$ -	\$ 73,173
8	Deferred Debits	\$ -	\$ -	\$ -	\$ -
9	Deferred Credits	-	-	-	-
10	182.3	-	-	-	-
11	Deferred Debits	-	1,251,881	256,010	1,507,891
12	Deferred Credits	(178,295)	-	-	(178,295)
13	254	(178,295)	1,251,881	256,010	1,329,596
14	Excess / (Deficient) DIT Total	\$ (178,295)	\$ 1,251,881	\$ 256,010	\$ 1,329,596
15	Debits	\$ -	\$ -	\$ -	\$ -
16	Credits	-	-	-	-
17	411.2	-	-	-	-
18	Def. Income Tax Expense Total	\$ -	\$ -	\$ -	\$ -
Total Change in Excess / (Deficient) DIT					
19	(Line 7 + Line 14 + Line 18)	\$ (111,372)	\$ 1,258,130	\$ 256,010	\$ 1,402,769

	(a) Year	(b) <sup>1</sup> Amortization Rate	(c) Beginning year balance	(d) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 411.1	(e) <sup>2/4</sup> = (b) x (System Level Balance) Current year Amortization 410.1	(f) <sup>3</sup> DIT Reclass to Unprotected	(g) <sup>5</sup> = (c-d-e) Remaining Balance
20	2018	10.00%	\$ 1,329,596	\$ -	\$ -	N/A	\$ 1,329,596
21	2019	10.00%	1,329,596	-	-	N/A	1,329,596
22	2020	10.00%	1,329,596	88,477	-	N/A	1,241,119
23	2021	10.00%	1,241,119	132,715	-	N/A	1,108,404
24	2022	10.00%	1,108,404	132,715	-	N/A	975,689

Notes:

- (1) Unprotected Excess/(Deficient) State ADIT is amortized over ten years.
- (2) Excess / (Deficient) Deferred Income Tax for all years is amortized to accounts 410.1 or 411.1, as appropriate. The ADIT source account for amortization is determined based on the proportion of the ADIT balance that was transferred to Line 14, Excess / (Deficient) DIT Total. Current year amortization amounts may include true-up adjustments as necessary to reflect actual annual DIT amortization.
- (3) Excess / (Deficient) Deferred State Income Tax is applicable to unprotected assets only.
- (4) To Page 3, Line 25
- (5) To Page 2, Line 23

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

DUKE ENERGY OHIO (DEO)					
Line No.	(1)	(2)	(3)	(4)	(5)
					Allocated Amount
1	GROSS REVENUE REQUIREMENT	(page 3, line 31)			\$ 203,349,727
REVENUE CREDITS (Note T)					
2	Account No. 454	(page 4, line 34)	Total	Allocator	
3	Account No. 456.1	(page 4, line 35)	\$ 341,563	TP 1.00000	\$ 341,563
4a	Revenues from Grandfathered Interzonal Transactions		2,555,102	TP 1.00000	2,555,102
4b	Revenues from service provided by ISO at a discount		-	TP 1.00000	0
5	Legacy MTEP Credit (Account 456.1)	(page 4, line 36)	1,048,862	TP 1.00000	1,048,862
6	TOTAL REVENUE CREDITS (sum lines 2-5)				\$ 3,945,527
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			\$ 199,404,200

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

DUKE ENERGY OHIO (DEO)

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col. 3 times Col. 4)
	<b>RATE BASE:</b>				
	<b>GROSS PLANT IN SERVICE</b>				
1	Production	205.46.g	\$ -	NA	
2	Transmission	207.58.g	1,338,716,515	TP 1.00000	\$ 1,338,716,515
3	Distribution	207.75.g	3,411,080,401	NA	
4	General & Intangible	205.5.g & 207.99.g	612,870,942	WS 0.15872	97,274,876
5	Common	356	254,543,700	CE 0.10348	26,340,182
6	TOTAL GROSS PLANT (sum lines 1-5)		\$ 5,617,211,558	GP= 0.26033	\$ 1,462,331,573
	<b>ACCUMULATED DEPRECIATION AND AMORTIZATION</b>				
7	Production	219.20.c-219.24.c	\$ (14,090)	NA	
8	Transmission	219.25.c	163,083,334	TP 1.00000	\$ 163,083,334
9	Distribution	219.26.c	746,619,193	NA	
10	General & Intangible	200.21.c & 219.28.c	236,695,715	WS 0.15872	37,568,344
11	Common	356	113,732,034	CE 0.10348	11,768,991
12	TOTAL ACCUM. DEPRECIATION AND AMORTIZATION (sum lines 7-11)		\$ 1,260,116,186		\$ 212,420,669
	<b>NET PLANT IN SERVICE</b>				
13	Production	(line 1 - line 7)	\$ 14,090		
14	Transmission	(line 2 - line 8)	1,175,633,181		\$ 1,175,633,181
15	Distribution	(line 3 - line 9)	2,664,461,208		
16	General & Intangible	(line 4 - line 10)	376,175,227		59,706,532
17	Common	(line 5 - line 11)	140,811,666		14,571,191
18	TOTAL NET PLANT (sum lines 13-17)		\$ 4,357,095,372	NP= 0.28687	\$ 1,249,910,904
	<b>ADJUSTMENTS TO RATE BASE (Note F)</b>				
19	Account No. 281 (enter negative)	273.8.k	\$ -	NA zero	\$ -
20	Account No. 282 (enter negative)	275.2.k & 275.6.k	(618,922,372)	NP 0.28687	(177,550,261)
21	Account No. 283 (enter negative)	277.9.k & 277.18.k	(28,329,824)	NP 0.28687	(8,126,977)
22	Account No. 190	234.8.c & 234.17.c	24,026,220	NP 0.28687	6,892,402
23	Net (Excess) / Deficient Deferred Tax Adj. (Account No. 182.3 and 254)	DIT Worksheet, x.g	(225,442,310)	NP 0.28687	(64,672,635)
24	Account No. 255 (enter negative) (Note K)	267.8.h	0	NP 0.28687	0
25	TOTAL ADJUSTMENTS (sum lines 19 - 24)		\$ (848,668,286)		\$ (243,457,471)
26	LAND HELD FOR FUTURE USE (Note G)	214.x.d	\$ (1,997)	TP 1.00000	\$ (1,997)
	<b>WORKING CAPITAL (Note H)</b>				
27	CWC	calculated	\$ 9,521,391		\$ 2,997,471
28	Materials & Supplies (Note G)	227.5.c & 227.8.c & 227.16.c	21,191,056	TE 0.90552	19,188,925
29	Prepayments (Account 165)	111.57.c	227,647	GP 0.26033	59,263
30	TOTAL WORKING CAPITAL (sum lines 27 - 29)		\$ 30,940,094		\$ 22,245,659
31	RATE BASE (sum lines 18, 25, 26, & 30)		\$ 3,539,365,183		\$ 1,028,697,095



Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

DUKE ENERGY OHIO (DEO)

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col. 3 times Col. 4)
<b>O&amp;M</b>					
1	Transmission	321.112.b	\$ 41,092,029	TE 0.90552	\$ 37,209,654
1a	Less LSE Expenses included in Transmission O&M Accounts (Note V)	321.88.b & 321.92.b	22,343,630	1.00000	22,343,630
1b	Less Midcontinent ISO Exit Fees included in Transmission O&M	(Note X)	0	TE 0.90552	0
1c	Less EPRI Annual Membership Dues	(Note I)	68,220	TE 0.90552	61,775
2	Less Account 565	321.96.b	0	TE 0.90552	0
3	A&G	323.197.b	60,481,477	WS 0.15872	9,599,620
3a	PBOP Expense excluding Pension Expense included in line 3 for information only	(Note E)	1,586,917	WS	
3b	Less PJM Integration Costs included in A&G and Internal Integration Costs included in A&G	(Note Y)	0	WS 0.15872	0
4	Less FERC Annual Fees	350.x.b	0	WS 0.15872	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety Advertising (Note I)		3,058,227	WS 0.15872	485,402
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		67,696	TE 0.90552	61,300
6	Common	356	0	CE 0.10348	0
7	Transmission Lease Payments		0	1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 1a, 1b, 1c, 2, 3b, 4, 5)		\$ 76,171,125		\$ 23,979,767
<b>DEPRECIATION AND AMORTIZATION EXPENSE</b>					
9	Transmission	336.7.f	\$ 24,009,300	TP 1.00000	\$ 24,009,300
10	General & Intangible	336.1.f & 336.10.f	41,661,182	WS 0.15872	6,612,463
11	Common	336.11.f	8,540,409	CE 0.10348	883,762
12	TOTAL DEPRECIATION AND AMORTIZATION (sum lines 9 - 11)		\$ 74,210,891		\$ 31,505,525
<b>TAXES OTHER THAN INCOME TAXES (Note J)</b>					
<b>LABOR RELATED</b>					
13	Payroll	[263.i]*	\$ 3,549,010	WS 0.15872	\$ 563,299
14	Highway and vehicle	[263.i]*	0	WS 0.15872	0
<b>PLANT RELATED</b>					
16	Property	[263.i]*	190,752,649	GP 0.26033	49,658,637
17	Gross Receipts	[263.i]*	3,103,522	NA zero	0
18	Other	[263.i]*	0	GP 0.26033	0
19	Payments in lieu of taxes		0	GP 0.26033	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		\$ 197,405,181		\$ 50,221,936
<b>INCOME TAXES (Note K)</b>					
21	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		21.000000%		
22	$CIT=(T/1-T) * (1-(WCLTD/R)) =$ where WCLTD=(page 4, line 27) and R=(page 4, line 30) and FIT, SIT & p are as given in footnote K.		20.504501%		
23	$1 / (1 - T) =$ (from line 21)		1.26582278		
24	Amortized Investment Tax Credit	266.8.f (enter negative)	\$ (97,078)		
25	Amortization of Excess/Deficient Deferred Income Taxes (Note O)	DIT Worksheet, x.d and x.e	(16,541,346)		
25b	Tax Effect of Permanent Differences and AFUDC Equity	(Note Z)	1,848,965		
26	Income Tax Calculation (line 22 * line 30)		\$ 60,308,095	NA	\$ 17,528,217
27	ITC adjustment (line 23 * line 24)		(122,884)	NP 0.28687	(35,252)
28	Excess/Deficient DIT amortization (line 23 * line 25)		(20,938,413)	NP 0.28687	(6,006,603)
28b	Permanent Differences and AFUDC Equity Tax Adjustment (line 23 * line 25b)		2,340,462	NP 0.28687	671,408
29	Total Income Taxes (sum lines 26 - 28b)		\$ 41,587,260		\$ 12,157,770
30	RETURN [Rate Base (page 2, line 31) * Rate of Return (page 4, line 30)]		\$ 294,121,247	NA	\$ 85,484,729
31	REV. REQUIREMENT (sum lines 8, 12, 20, 29, 30)		\$ 683,495,704		\$ 203,349,727

\* FF1 reference to 263.i changed to 263.l in new XBRL format

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2022

**DUKE ENERGY OHIO (DEO)**  
**SUPPORTING CALCULATIONS AND NOTES**

Line No.	<b>TRANSMISSION PLANT INCLUDED IN ISO RATES</b>						
1	Total transmission plant (page 2, line 2, column 3)					\$	1,338,716,515
2	Less transmission plant excluded from ISO rates (Note M)						0
3	Less transmission plant included in OATT Ancillary Services (Note N)						0
4	Transmission plant included in ISO Rates (line 1 less lines 2 & 3)					\$	1,338,716,515
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)				TP=		1.00000
	<b>TRANSMISSION EXPENSES</b>						
6	Total transmission expenses (page 3, line 1, column 3)					\$	41,092,029
7	Less transmission expenses included in OATT Ancillary Services (Note L)						3,882,310
8	Included transmission expenses (line 6 less line 7)					\$	37,209,719
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)						0.90552
10	Percentage of transmission plant included in ISO Rates (line 5)				TP		1.00000
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)				TE=		0.90552
	<b>WAGES &amp; SALARY ALLOCATOR (WS)</b>						
		Form 1 Reference	\$	TP	Allocation		
12	Production	354.20.b	38,385	0.00	0		
13	Transmission	354.21.b	6,236,240	1.00	6,236,240		
14	Distribution	354.23.b	22,218,779	0.00	0		WS Allocator
15	Other	354.24,25,26.b	10,797,676	0.00	0		(\$ / Allocation)
16	Total Electric (sum lines 12-15)		39,291,080		6,236,240	=	0.15872 = WS
	<b>COMMON PLANT ALLOCATOR (CE)</b>						
			\$	% Electric	WS Allocator		
17	Electric	200.3.c	5,019,117,154	(line 17 / line 20)	(line 16)		CE
18	Gas	201.3.d	2,679,056,885	0.65199	0.15872	*	= 0.10348
19	Water	201.3.e	0				
20	Total (sum lines 17 - 19)		7,698,174,039				
	<b>RETURN (R)</b>						
21		Long Term Interest (117, sum of 62.c through 67.c)			\$		108,718,711
22		Preferred Dividends (118.29.c) (positive number)					0
	Development of Common Stock:						
23		Proprietary Capital (112.16.c)					4,029,946,017
24		Less Preferred Stock (line 28)					0
25		Less Account 216.1 (112.12.c) (enter negative)					(801,826,672)
26		Common Stock (sum lines 23-25)					3,228,119,345
		(Note P)	\$	%	Cost	Weighted	
27	Long Term Debt (112, sum of 18.c through 21.c)		2,500,000,000	44%	0.0435		0.0190 =WCLTD
28	Preferred Stock (112.3.c)		0	0%	0.0000		0.0000
29	Common Stock (line 26)		3,228,119,345	56%	0.1138		0.0641
30	Total (sum lines 27-29)		5,728,119,345				0.0831 =R
	<b>REVENUE CREDITS</b>						
					Load		
31	ACCOUNT 447 (SALES FOR RESALE) (Note Q)	(310-311)					0
32	a. Bundled Non-RQ Sales for Resale (311.x.h)						0
33	b. Bundled Sales for Resale included in Divisor on page 1						0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)					\$	341,563
35	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note U)	(330.x.n)				\$	2,555,102
36	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note W)	(330.x.n)				\$	1,048,862

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2022

**DUKE ENERGY OHIO (DEO)**

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)  
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Notes

- A DEOK 1 CP is Duke Energy Ohio ("DEO") Monthly Firm Transmission System Peak Load as reported on page 400, column b of Form 1 at the time of DEO's annual peak.
- B DEOK 12 CP is Duke Energy Ohio ("DEO") Monthly Firm Transmission System Peak Load as reported on page 400, column b of Form 1 at the time of DEO's monthly peaks.
- C Reserved
- D Reserved
- E DEOK will provide, in connection with each Annual Update, a copy of the entire annual actuarial valuation report supporting the derivation of the annual Postretirement Benefits Other than Pensions ("PBOP") expense as charged to FERC account 926, and the amount of such expense included in Total Admin and General Expenses provided on Attachment H-22A, page 3 of 6, line 3 of the Formula Rate. DEOK will provide, in connection with each Annual Update, a worksheet that shows the actual PBOP expense components and calculation derivation (including, for each account to which PBOP expense is recorded, the account number, expense amount, description, calculation derivation and source).
- F The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to ASC 715 (f/k/a FASB 106) or ASC 740 (f/k/a FASB 109). Account 254/182.3 includes Other Regulated Liabilities/Assets related to Excess/Deficient Accumulated Deferred Income Taxes that have been allocated to electric operations. This line item is necessary to maintain rate base neutrality in the event of a change in the Federal or State income tax rates. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
- G Identified in Form 1 as being only transmission related. The transmission portion of page 227, line 5 is specified in a footnote to the Form 1.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported on Page 111 line 57 in the Form 1.
- I Line 5 - EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 27).

Inputs Required:	FIT =	21.00%
	SIT=	0.00% (State Income Tax Rate or Composite SIT)
	p =	0.00% (percent of federal income tax deductible for state purposes)

- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1, 561.2 and 561.3.
- M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Includes the amortization of any excess/deficient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority. Excess and deficient deferred income taxes will reduce or increase tax expense by the amount of the excess or deficiency multiplied by (1/(1-T)) (page 3, line 28).
- P Debt cost rate = long-term interest (line 21) / long term debt (line 27). Preferred cost rate = preferred dividends (line 22) / preferred outstanding (line 28). ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC. Capitalization adjusted to exclude impacts of purchase accounting.
- Q Line 33 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
- R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- S Reserved
- T The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2022

**DUKE ENERGY OHIO (DEO)**

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)  
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Notes

- U On Line 35, enter revenues from RTO settlements that are associated with NITS and firm Point-to-Point Service for which the load is not included in the divisor to derive Duke Energy Ohio's and Duke Energy Kentucky's zonal rates. Exclude NITS, non-firm Point-to-Point revenues, revenues related to MTEP and RTEP projects, revenues from grandfathered interzonal transactions and revenues from service provided by ISO at a discount.
- V Account Nos. 561.4 and 561.8 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
- W On Line 36, enter revenues from RTO settlements that are associated with MTEP projects. Exclude NITS, firm Point-to-Point, non-firm Point-to-Point revenues, revenues related to RTEP projects, revenues from grandfathered interzonal transactions and revenues from service provided by ISO at a discount.
- X Midcontinent ISO Exit Fees include (1) the charge that DEOK paid to the Midcontinent ISO pursuant to the Settlement Agreement filed on July 29, 2011 in Docket No. ER11-2059 and (2) the exit fees that DEOK paid to the Midcontinent ISO pursuant to the Exit Fee Agreement filed on October 5, 2011 in Docket No. ER12-33.
- Y PJM Integration Costs are the fees that PJM assessed DEOK for the costs that PJM incurred in connection with DEOK's move into PJM. Internal Integration Costs are the internal administrative costs incurred by Duke Energy Ohio and Duke Energy Kentucky to accomplish their move from the Midcontinent ISO into PJM.
- Z Includes the annual income tax cost or benefit due to permanent differences or differences between the amount of expenses or revenues recognized in one period for ratemaking purposes and the amounts recognized for income tax purposes which do not reverse in one or more other periods, including the cost of income taxes on the Allowance for Other Funds Used During Construction. T multiplied by the amount of permanent differences and depreciation expense associated with Allowance for Other Funds Used During Construction is included on page 3, line 25b and will increase or decrease tax expense by the expense or benefit included on line 25b multiplied by  $(1/(1-T))$  (page 3, line 28b).

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY OHIO (DEO)  
RTEP - Transmission Enhancement Charges

To be completed in conjunction with Attachment H-22A.

Line No.	(1)	(2)	(3)	(4)
Line No.		Attachment H-22A Page, Line, Col.	Transmission	Allocator
	<b>TRANSMISSION PLANT</b>			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	1,338,716,515	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	1,175,633,181	
	<b>O&amp;M EXPENSE</b>			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	23,979,767	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	1.79%	1.79%
	<b>GENERAL AND COMMON (G&amp;C) DEPRECIATION AND AMORTIZATION EXPENSE</b>			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	7,496,225	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.56%	0.56%
	<b>TAXES OTHER THAN INCOME TAXES</b>			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	50,221,936	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	3.75%	3.75%
<b>9</b>	<b>Annual Allocation Factor for Expense</b>	<b>Sum of lines 4, 6 and 8</b>		<b>6.10%</b>
	<b>INCOME TAXES</b>			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	12,157,770	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.03%	1.03%
	<b>RETURN</b>			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	85,484,729	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	7.27%	7.27%
<b>14</b>	<b>Annual Allocation Factor for Return</b>	<b>Sum of lines 11 and 13</b>		<b>8.30%</b>

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY OHIO (DEO)  
RTEP - Transmission Enhancement Charges

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
		(Note C)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1, line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)	
1a	Tanner Creek - Miami Fort 345kV line	b2831.2	\$ 20,930,091	6.10%	\$ 1,276,736	\$ 20,499,488	8.30%	\$ 1,701,458	\$ 399,385	\$ 3,377,579	\$ -	\$ 3,377,579
1b			\$ -	6.10%	\$ -	\$ -	8.30%	\$ -	\$ -	\$ -	\$ -	\$ -
1c			\$ -	6.10%	\$ -	\$ -	8.30%	\$ -	\$ -	\$ -	\$ -	\$ -

2	Annual Totals									\$3,377,579	\$0	\$3,377,579
3	RTEP Transmission Enhancement Charges for Attachment H-22A											\$3,377,579

Note Letter

- A Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-22A.
- B Net Transmission Plant is that identified on page 2, line 14 of Attachment H-22A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-22A page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The Network Upgrade Charge is the value to be used in Schedule 12.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY OHIO (DEO)  
MTEP - Transmission Enhancement Charges

To be completed in conjunction with Attachment H-22A

Line No.	(1)	(2)	(3)	(4)
		Attachment H-22A Page, Line, Col.	Transmission	Allocator
	<b>TRANSMISSION PLANT</b>			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	1,338,716,515	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	1,175,633,181	
	<b>O&amp;M EXPENSE</b>			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	23,979,767	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	1.79%	1.79%
	<b>GENERAL AND COMMON (G&amp;C) DEPRECIATION AND AMORTIZATION EXPENSE</b>			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	7,496,225	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.56%	0.56%
	<b>TAXES OTHER THAN INCOME TAXES</b>			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	50,221,936	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	3.75%	3.75%
<b>9</b>	<b>Annual Allocation Factor for Expense</b>	<b>Sum of lines 4, 6 and 8</b>		<b>6.10%</b>
	<b>INCOME TAXES</b>			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	12,157,770	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.03%	1.03%
	<b>RETURN</b>			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	85,484,729	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	7.27%	7.27%
<b>14</b>	<b>Annual Allocation Factor for Return</b>	<b>Sum of lines 11 and 13</b>		<b>8.30%</b>

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY OHIO (DEO)  
MTEP - Transmission Enhancement Charges

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge	
			(Note C)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1, line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)	
1a	Hillcrest 345 kV	91	\$ 17,162,017	6.10%	\$ 1,046,883	\$ 15,841,415	8.30%	\$ 1,314,837	\$ 308,081	\$ 2,669,801	\$ -	\$ 2,669,801	
1b	Project 2	P2	\$ -	6.10%	\$ -	\$ -	8.30%	\$ -	\$ -	\$ -	\$ -	\$ -	
1c	Project 3	P3	\$ -	6.10%	\$ -	\$ -	8.30%	\$ -	\$ -	\$ -	\$ -	\$ -	
2	Annual Totals										\$2,669,801	\$0	\$2,669,801
3	MTEP Transmission Enhancement Charges												\$2,669,801

Note Letter

- A Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-22A.
- B Net Transmission Plant is that identified on page 2, line 14 of Attachment H-22A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-22A page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The Network Upgrade Charge is the value to be used in Schedule 26.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.



Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

DUKE ENERGY KENTUCKY (DEK)

Line No.	(1)	(2)	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT	(page 3, line 31)			\$ 11,079,406
	REVENUE CREDITS (Note T)		<u>Total</u>	<u>Allocator</u>	
2	Account No. 454	(page 4, line 34)	\$ 131,255	TP 0.84040	\$ 110,307
3	Account No. 456.1	(page 4, line 35)	131,595	TP 0.84040	110,592
4a	Revenues from Grandfathered Interzonal Transactions		0	TP 0.84040	0
4b	Revenues from service provided by ISO at a discount		0	TP 0.84040	0
5	Legacy MTEP Credit (Account 456.1)	(page 4, line 36)	0	1.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				\$ 220,899
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			\$ 10,858,507

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2022

DUKE ENERGY KENTUCKY (DEK)

Line No.	(1) RATE BASE	(2) Form No. 1		(3) Company Total	(4) Allocator	(5) Transmission	
		Page, Line, Col.				(Col. 3 times Col. 4)	
GROSS PLANT IN SERVICE							
1	Production	205.46.g		\$ 1,426,237,670	NA		
2	Transmission	207.58.g		106,785,902	TP	0.84040	\$ 89,742,872
3	Distribution	207.75.g		655,637,882	NA		
4	General & Intangible	205.5.g & 207.99.g		55,665,295	WS	0.03635	2,023,433
5	Common	356		30,899,174	CE	0.02684	829,334
6	TOTAL GROSS PLANT (sum lines 1-5)			<u>\$ 2,275,225,923</u>	GP=	0.04070	<u>\$ 92,595,639</u>
ACCUMULATED DEPRECIATION AND AMORTIZATION							
7	Production	219.20.c-219.24.c		\$ 649,781,070	NA		
8	Transmission	219.25.c		12,684,422	TP	0.84040	\$ 10,659,988
9	Distribution	219.26.c		155,338,325	NA		
10	General & Intangible	200.21.c & 219.28.c		22,772,833	WS	0.03635	827,792
11	Common	356		19,422,760	CE	0.02684	521,307
12	TOTAL ACCUM. DEPRECIATION AND AMORTIZATION (sum lines 7-11)			<u>\$ 859,999,410</u>			<u>\$ 12,009,087</u>
NET PLANT IN SERVICE							
13	Production	(line 1 - line 7)		\$ 776,456,600			
14	Transmission	(line 2 - line 8)		94,101,480			\$ 79,082,884
15	Distribution	(line 3 - line 9)		500,299,557			
16	General & Intangible	(line 4 - line 10)		32,892,462			1,195,641
17	Common	(line 5 - line 11)		11,476,414			308,027
18	TOTAL NET PLANT (sum lines 13-17)			<u>\$ 1,415,226,513</u>	NP=	0.05694	<u>\$ 80,586,552</u>
ADJUSTMENTS TO RATE BASE (Note F)							
19	Account No. 281 (enter negative)	273.8.k		\$ -	NA	zero	\$ -
20	Account No. 282 (enter negative)	275.2.k & 275.6.k		(221,975,551)	NP	0.05694	(12,639,288)
21	Account No. 283 (enter negative)	277.9.k & 277.18.k		(18,331,759)	NP	0.05694	(1,043,810)
22	Account No. 190	234.8.c & 234.17.c		32,114,219	NP	0.05694	1,828,584
23	Net (Excess) / Deficient Deferred Tax Adj. (Account No. 182.3 and 254)	DIT Worksheet, x.g		(55,918,028)	NP	0.05694	(3,183,973)
24	Account No. 255 (enter negative) (Note K)	267.8.h		0	NP	0.05694	0
25	TOTAL ADJUSTMENTS (sum lines 19 - 24)			<u>\$ (264,111,119)</u>			<u>\$ (15,038,487)</u>
26	LAND HELD FOR FUTURE USE (Note G)	214.x.d		\$ -	TP	1.00000	\$ -
WORKING CAPITAL (Note H)							
27	CWC	calculated		\$ 3,258,421			\$ 294,220
28	Materials & Supplies (Note G)	227.5.c & 227.8.c & 227.16.c		435	TE	0.82469	359
29	Prepayments (Account 165)	111.57.c		259,865	GP	0.04070	10,577
30	TOTAL WORKING CAPITAL (sum lines 27 - 29)			<u>\$ 3,518,721</u>			<u>\$ 305,156</u>
31	RATE BASE (sum lines 18, 25, 26, & 30)			<u>\$ 1,154,634,115</u>			<u>\$ 65,853,221</u>

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2022

DUKE ENERGY KENTUCKY (DEK)

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col. 3 times Col. 4)
<b>O&amp;M</b>					
1	Transmission	321.112.b	\$ 26,971,185	TE	\$ 22,242,867
1a	Less LSE Expenses included in Transmission O&M Accounts (Note V)	321.88.b & 321.92.b	3,327,751	1.00000	3,327,751
1b	Less Midcontinent ISO Exit Fees included in Transmission O&M	(Note X)	0	TE	0
1c	Less EPRI Annual Membership Dues	(Note I)	4,164	TE	3,434
2	Less Account 565	321.96.b	21,126,946	TE	17,423,181
3	A&G	323.197.b	24,501,026	WS	890,612
3a	PBOP Expense excluding Pension Expense included in line 3 for information only	(Note E)	267,356	WS	
3b	Less PJM Integration Costs included in A&G and Internal Integration Costs included in A&G	(Note Y)	0	WS	0.03635
4	Less FERC Annual Fees	350.x.b	0	WS	0.03635
5	Less EPRI & Reg. Comm. Exp. & Non-safety Advertising (Note I)		957,439	WS	0.03635
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		11,454	TE	0.82469
6	Common	356	0	CE	0.02684
7	Transmission Lease Payments		0		1.00000
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 1a, 1b, 1c, 2, 3b, 4, 5)		\$ 26,067,365		\$ 2,353,756
<b>DEPRECIATION AND AMORTIZATION EXPENSE</b>					
9	Transmission	336.7.f	\$ 2,032,865	TP	\$ 1,708,420
10	General & Intangible	336.1.f & 336.10.f	4,904,291	WS	0.03635
11	Common	336.11.f	10,941	CE	0.02684
12	TOTAL DEPRECIATION AND AMORTIZATION (sum lines 9 - 11)		\$ 6,948,097		\$ 1,886,985
<b>TAXES OTHER THAN INCOME TAXES (Note J)</b>					
<b>LABOR RELATED</b>					
13	Payroll	[263.i]*	\$ 1,702,504	WS	\$ 61,886
14	Highway and vehicle	[263.i]*	0	WS	0.03635
<b>PLANT RELATED</b>					
16	Property	[263.i]*	15,509,813	GP	0.04070
17	Gross Receipts	[263.i]*	0	NA	zero
18	Other	[263.i]*	0	GP	0.04070
19	Payments in lieu of taxes		0	GP	0.04070
20	TOTAL OTHER TAXES (sum lines 13 - 19)		\$ 17,212,317		\$ 693,135
<b>INCOME TAXES (Note K)</b>					
21	T=1 - (((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =		24.950000%		
22	CIT=(T/1-T) * (1-(WCLTD/R)) =		25.634828%		
where WCLTD=(page 4, line 27) and R=(page 4, line 30) and FIT, SIT & p are as given in footnote K.					
23	1 / (1 - T) = (from line 21)		1.33244504		
24	Amortized Investment Tax Credit	266.8.f (enter negative)	\$ (77)		
25	Amortization of Excess/Deficient Deferred Income Taxes (Note O)	DIT Worksheet, x.d and x.e	(4,416,028)		
25b	Tax Effect of Permanent Differences and AFUDC Equity	(Note Z)	141,473		
26	Income Tax Calculation (line 22 * line 30)		\$ 23,146,299	NA	\$ 1,320,122
27	ITC adjustment (line 23 * line 24)		(103)	NP	0.05694
28	Excess/Deficient DIT amortization (line 23 * line 25)		(5,884,114)	NP	0.05694
28b	Permanent Differences and AFUDC Equity Tax Adjustment (line 23 * line 25b)		188,505	NP	0.05694
29	Total Income Taxes (sum lines 26 - 28b)		\$ 17,450,587		\$ 995,808
30	RETURN [Rate Base (page 2, line 31) * Rate of Return (page 4, line 30)]		\$ 90,292,388	NA	\$ 5,149,722
31	REV. REQUIREMENT (sum lines 8, 12, 20, 29, 30)		\$ 157,970,754		\$ 11,079,406

\* FF1 reference to 263.i changed to 263.l in new XBRL format

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2022

**DUKE ENERGY KENTUCKY (DEK)  
SUPPORTING CALCULATIONS AND NOTES**

Line						
<u>No.</u>	<b>TRANSMISSION PLANT INCLUDED IN ISO RATES</b>					
1	Total transmission plant (page 2, line 2, column 3)					\$ 106,785,902
2	Less transmission plant excluded from ISO rates (Note M)					0
3	Less transmission plant included in OATT Ancillary Services (Note N)					17,042,710
4	Transmission plant included in ISO Rates (line 1 less lines 2 & 3)					\$ 89,743,192
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)			TP=		0.84040
	<b>TRANSMISSION EXPENSES</b>					
6	Total transmission expenses (page 3, line 1, column 3)					\$ 26,971,185
7	Less transmission expenses included in OATT Ancillary Services (Note L)					504,193
8	Included transmission expenses (line 6 less line 7)					\$ 26,466,992
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.98131
10	Percentage of transmission plant included in ISO Rates (line 5)			TP		0.84040
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)			TE=		0.82469
	<b>WAGES &amp; SALARY ALLOCATOR (WS)</b>					
		Form 1 Reference	\$	TP	Allocation	
12	Production	354.20.b	12,554,113	0.00	0	
13	Transmission	354.21.b	826,982	0.84040	694,996	
14	Distribution	354.23.b	3,670,062	0.00	0	
15	Other	354.24,25,26.b	2,068,456	0.00	0	
16	Total Electric (sum lines 12-15)		19,119,613		694,996	= 0.03635 = WS
	<b>COMMON PLANT ALLOCATOR (CE)</b>					
			\$	% Electric	WS Allocator	
17	Electric	200.3.c	2,057,804,272	(line 17 / line 20)	(line 16)	CE
18	Gas	201.3.d	728,816,160	0.73846	0.03635	= 0.02684
19	Water	201.3.e	0			
20	Total (sum lines 17 - 19)		2,786,620,432			
	<b>RETURN (R)</b>					
21		Long Term Interest (117, sum of 62.c through 67.c)			\$	29,710,861
22		Preferred Dividends (118.29.c) (positive number)				0
	Development of Common Stock:					
23		Proprietary Capital (112.16.c)				880,194,486
24		Less Preferred Stock (line 28)				0
25		Less Account 216.1 (112.12.c) (enter negative)				0
26		Common Stock (sum lines 23-25)				880,194,486
		(Note P)	\$	%	Cost	Weighted
27	Long Term Debt (112, sum of 18.c through 21.c)		781,720,000	47%	0.0380	0.0179 =WCLTD
28	Preferred Stock (112.3.c)		0	0%	0.0000	0.0000
29	Common Stock (line 26)		880,194,486	53%	0.1138	0.0603
30	Total (sum lines 27-29)		1,661,914,486			0.0782 =R
	<b>REVENUE CREDITS</b>					
					Load	
31	ACCOUNT 447 (SALES FOR RESALE) (Note Q)	(310-311)				0
32	a. Bundled Non-RQ Sales for Resale (311.x.h)					0
33	b. Bundled Sales for Resale included in Divisor on page 1					0
	Total of (a)-(b)					0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)				\$	131,255
35	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note U)	(330.x.n)			\$	131,595
36	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note W)	(330.x.n)			\$	-

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

**DUKE ENERGY KENTUCKY (DEK)**

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)

References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Notes

- A DEOK 1 CP is Duke Energy Ohio ("DEO") Monthly Firm Transmission System Peak Load as reported on page 400, column b of Form 1 at the time of DEO's annual peak.
- B DEOK 12 CP is Duke Energy Ohio ("DEO") Monthly Firm Transmission System Peak Load as reported on page 400, column b of Form 1 at the time of DEO's monthly peaks.
- C Reserved
- D Reserved
- E DEOK will provide, in connection with each Annual Update, a copy of the entire annual actuarial valuation report supporting the derivation of the annual Postretirement Benefits Other than Pensions ("PBOP") expense as charged to FERC account 926, and the amount of such expense included in Total Admin and General Expenses provided on Attachment H-22A, page 3 of 6, line 3 of the Formula Rate. DEOK will provide, in connection with each Annual Update, a worksheet that shows the actual PBOP expense components and calculation derivation (including, for each account to which PBOP expense is recorded, the account number, expense amount, description, calculation derivation and source).
- F The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to ASC 715 (f/k/a FASB 106) or ASC 740 (f/k/a FASB 109). Account 254/182.3 includes Other Regulated Liabilities/Assets related to Excess/Deficient Accumulated Deferred Income Taxes that have been allocated to electric operations. This line item is necessary to maintain rate base neutrality in the event of a change in the Federal or State income tax rates. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
- G Identified in Form 1 as being only transmission related. The transmission portion of page 227, line 5 is specified in a footnote to the Form 1.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported on Page 111 line 57 in the Form 1.
- I Line 5 - EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 5a - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 27).

Inputs Required:	FIT =	21.00%
	SIT =	5.00% (State Income Tax Rate or Composite SIT)
	p =	0.00% (percent of federal income tax deductible for state purposes)

- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1, 561.2 and 561.3.
- M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Includes the amortization of any excess/deficient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority. Excess and deficient deferred income taxes will reduce or increase tax expense by the amount of the excess or deficiency multiplied by (1/(1-T)) (page 3, line 28).
- P Debt cost rate = long-term interest (line 21) / long term debt (line 27). Preferred cost rate = preferred dividends (line 22) / preferred outstanding (line 28). ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC. Capitalization adjusted to exclude impacts of purchase accounting.
- Q Line 33 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
- R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- S Reserved
- T The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements) from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2022

Rate Formula Template  
Utilizing FERC Form 1 Data

**DUKE ENERGY KENTUCKY (DEK)**

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)

References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Notes

- U On Line 35, enter revenues from RTO settlements that are associated with NITS and firm Point-to-Point Service for which the load is not included in the divisor to derive Duke Energy Ohio's and Duke Energy Kentucky's zonal rates. Exclude NITS, non-firm Point-to-Point revenues, revenues related to MTEP and RTEP projects, revenues from grandfathered interzonal transactions and revenues from service provided by ISO at a discount.
- V Account Nos. 561.4 and 561.8 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
- W On Line 36, enter revenues from RTO settlements that are associated with MTEP projects. Exclude NITS, firm Point-to-Point, non-firm Point-to-Point revenues, revenues related to RTEP projects, revenues from grandfathered interzonal transactions and revenues from service provided by ISO at a discount.
- X Midcontinent ISO Exit Fees include (1) the charge that DEOK paid to the Midcontinent ISO pursuant to the Settlement Agreement filed on July 29, 2011 in Docket No. ER11-2059 and (2) the exit fees that DEOK paid to the Midcontinent ISO pursuant to the Exit Fee Agreement filed on October 5, 2011 in Docket No. ER12-33.
- Y PJM Integration Costs are the fees that PJM assessed DEOK for the costs that PJM incurred in connection with DEOK's move into PJM. Internal Integration Costs are the internal administrative costs incurred by Duke Energy Ohio and Duke Energy Kentucky to accomplish their move from the Midcontinent ISO into PJM.
- Z Includes the annual income tax cost or benefit due to permanent differences or differences between the amount of expenses or revenues recognized in one period for ratemaking purposes and the amounts recognized for income tax purposes which do not reverse in one or more other periods, including the cost of income taxes on the Allowance for Other Funds Used During Construction. T multiplied by the amount of permanent differences and depreciation expense associated with Allowance for Other Funds Used During Construction is included on page 3, line 25b and will increase or decrease tax expense by the expense or benefit included on line 25b multiplied by  $(1/(1-T))$  (page 3, line 28b).

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY KENTUCKY (DEK)  
RTEP - Transmission Enhancement Charges

To be completed in conjunction with Attachment H-22A.

Line No.	(1)	(2)	(3)	(4)
		Attachment H-22A Page, Line, Col.	Transmission	Allocator
	<b>TRANSMISSION PLANT</b>			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	89,742,872	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	79,082,884	
	<b>O&amp;M EXPENSE</b>			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	2,353,756	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	2.62%	2.62%
	<b>GENERAL AND COMMON (G&amp;C) DEPRECIATION AND AMORTIZATION EXPENSE</b>			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	178,565	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.20%	0.20%
	<b>TAXES OTHER THAN INCOME TAXES</b>			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	693,135	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.77%	0.77%
<b>9</b>	<b>Annual Allocation Factor for Expense</b>	<b>Sum of lines 4, 6 and 8</b>		<b>3.59%</b>
	<b>INCOME TAXES</b>			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	995,808	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.26%	1.26%
	<b>RETURN</b>			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	5,149,722	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	6.51%	6.51%
<b>14</b>	<b>Annual Allocation Factor for Return</b>	<b>Sum of lines 11 and 13</b>		<b>7.77%</b>

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY KENTUCKY (DEK)  
RTEP - Transmission Enhancement Charges

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
		(Note C)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1, line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11	(Note G)
1a		\$ -	3.59%	\$ -	\$ -	7.77%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1b		\$ -	3.59%	\$ -	\$ -	7.77%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1c		\$ -	3.59%	\$ -	\$ -	7.77%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$0.00	\$0.00	\$0.00
3	RTEP Transmission Enhancement Charges for Attachment H-22A											\$0.00

Note  
Letter

- A Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-22A.
- B Net Transmission Plant is that identified on page 2, line 14 of Attachment H-22A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-22A page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The Network Upgrade Charge is the value to be used in Schedule 12.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.



Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY KENTUCKY (DEK)  
MTEP - Transmission Enhancement Charges

To be completed in conjunction with Attachment H-22A

Line No.	(1)	(2)	(3)	(4)
Line No.		Attachment H-22A Page, Line, Col.	Transmission	Allocator
	<b>TRANSMISSION PLANT</b>			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	89,742,872	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	79,082,884	
	<b>O&amp;M EXPENSE</b>			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	2,353,756	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	2.62%	2.62%
	<b>GENERAL AND COMMON (G&amp;C) DEPRECIATION AND AMORTIZATION EXPENSE</b>			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	178,565	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.20%	0.20%
	<b>TAXES OTHER THAN INCOME TAXES</b>			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	693,135	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.77%	0.77%
<b>9</b>	<b>Annual Allocation Factor for Expense</b>	<b>Sum of lines 4, 6 and 8</b>		<b>3.59%</b>
	<b>INCOME TAXES</b>			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	995,808	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.26%	1.26%
	<b>RETURN</b>			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	5,149,722	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	6.51%	6.51%
<b>14</b>	<b>Annual Allocation Factor for Return</b>	<b>Sum of lines 11 and 13</b>		<b>7.77%</b>

Rate Formula Template  
Utilizing Attachment H-22A Data

DUKE ENERGY KENTUCKY (DEK)  
MTEP - Transmission Enhancement Charges

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
			(Note C)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1, line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	Project 1	P1	\$ -	3.59%	\$ -	\$ -	7.77%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	3.59%	\$ -	\$ -	7.77%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	3.59%	\$ -	\$ -	7.77%	\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$0	\$0	\$0
3	MTEP Transmission Enhancement Charges											\$0

Note Letter

- A Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-22A.
- B Net Transmission Plant is that identified on page 2, line 14 of Attachment H-22A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-22A page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The Network Upgrade Charge is the value to be used in Schedule 26.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.

**Duke Energy Ohio and Duke Energy Kentucky**

Exhibit No. DUK-102

Page 1 of 19

For the 12 months ended: 12/31/2022

**Accumulated Deferred Income Taxes  
Account 190, Account 282, and Account 283**

Line No.	Account 190	DEO	DEK
1	Per Books Total, Page 234, lines 8 & 17, column c	\$ 89,220,091	\$ 56,936,752
2			
3	<b>Less:</b>		
4	FAS106 / ASC715	1,760,042	485,463
5	FAS109 / ASC740 - Gross-up on ITC	(77,853)	1,074,223
6	Solar ITC	-	3,235,578
7	Gross-up on Tax Reform EDIT & Amortization	61,347,388	18,241,044
8	Gross-up on State Tax Reform EDIT & Amortization	-	323,929
9	Electric Non-Utility & Non-Regulated	<u>2,164,294</u>	<u>1,462,296</u>
10	Total Subtracted from Account 190 Balance	\$ 65,193,871	\$ 24,822,533
11			
12	Adjusted Balances - To Page 2, Line 22	<u>\$ 24,026,220</u>	<u>\$ 32,114,219</u>
13			
14			
15	Account 282	DEO	DEK
16			
17	Per Books Total, Page 275, lines 2, 4 & 6, column k	\$ 646,900,748	\$ 247,110,114
18			
19	<b>Less:</b>		
20	Historical EDIT FAS109/ASC740 - Gross-ups Only	\$ 28,326,901	\$ 3,336,752
21	Historical EDIT FAS109/ASC740 - Excludes Gross-ups	(3,267,350)	(385,164)
22	Electric Non-Utility & Non-Regulated	<u>2,918,825</u>	<u>22,182,975</u>
23	Total Subtracted from Account 282 Balance	\$ 27,978,376	\$ 25,134,563
24			
25	Adjusted Balances - To Page 2, Line 20	<u>\$ 618,922,372</u>	<u>\$ 221,975,551</u>
26			
27			
28	Account 283	DEO	DEK
29			
30	Per Books Total, Page 277, lines 9 & 18, column k	\$ 34,745,016	\$ 18,642,835
31			
32	<b>Less:</b>		
33	FAS106 / ASC715	(340,235)	(907,864)
34	FAS109 / ASC740 - Gross-up	6,818,813	1,218,940
35	Electric Non-Utility & Non-Regulated	<u>(63,386)</u>	<u>-</u>
36	Total Subtracted from Account 283 Balance	\$ 6,415,192	\$ 311,076
37			
38	Adjusted Balances - To Page 2, Line 21	<u>\$ 28,329,824</u>	<u>\$ 18,331,759</u>

**Duke Energy Ohio and Duke Energy Kentucky**

Exhibit No. DUK-102  
Page 2 of 19  
For the 12 months ended: 12/31/2022

**Materials and Supplies  
Allocation of Account 163**

Line No.	Description	M&S Assigned to		Total M&S	Percentage	Account 163 <sup>(4)</sup>	Total M&S <sup>(1)</sup>
		M&S <sup>(2)</sup>	Construction <sup>(3)</sup>				
1	<b>Duke Energy Ohio</b>						
2							
3	Production	\$ -	\$ -	\$ -	0.00%	\$ -	
4	Transmission	1,405,420	18,903,907	20,309,327	24.58%	881,729	\$ 21,191,056
5	Distribution	6,018,161	46,874,496	52,892,657	64.01%	2,296,334	
6	Gas	-	9,424,674	9,424,674	11.41%	409,172	
7	Total M&S	<u>\$ 7,423,581</u>	<u>\$ 75,203,077</u>	<u>\$ 82,626,658</u>	<u>100.00%</u>	<u>\$ 3,587,235</u>	
8							
9							
10	<b>Duke Energy Kentucky</b>						
11							
12	Production	\$ 15,485,923	\$ 1,550,407	\$ 17,036,330	95.09%	\$ 1,406,060	
13	Transmission	31	371	402	0.0022%	33	\$ 435
14	Distribution	212,011	667,083	879,094	4.91%	72,554	
15	Total M&S	<u>\$ 15,697,965</u>	<u>\$ 2,217,861</u>	<u>\$ 17,915,826</u>	<u>100.00%</u>	<u>\$ 1,478,647</u>	

<sup>(1)</sup> To Page 2, Line 28

<sup>(2)</sup> Source FERC Form 1, page 227, lines 7-9, column (c)

<sup>(3)</sup> Source FERC Form 1, page 227, line 5, column (c)

<sup>(4)</sup> Source FERC Form 1, page 227, line 16, column (c)

**Duke Energy Ohio and Duke Energy Kentucky**

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For the 12 months ended: 12/31/2022

**Detail of Land Held for Future Use**

<b>Line No.</b>	<b>Description</b>	<b>Transmission Related <sup>(2)</sup></b>	<b>Non-Transmission Related</b>	<b>Reported on FERC Form 1</b>
1	<b>Duke Energy Ohio <sup>(1)</sup></b>			
2	Other Projects	\$ <u>(1,997)</u>	\$ <u>1,299,582</u>	\$ <u>1,297,585</u>
3	<b>Duke Energy Kentucky <sup>(1)</sup></b>			
4	Other Projects	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>

<sup>(1)</sup> Source: FERC Form 1, Page 214

<sup>(2)</sup> Balances to Page 2, Line 26

**Duke Energy Ohio and Duke Energy Kentucky**

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For the 12 months ended: 12/31/2022

**Non-Safety Adv., Reg. Comm. Exp. & EPRI**

<b>Line No.</b>	<b>Description</b>	<b>Source</b>	<b>DEO</b>	<b>DEK</b>
1	General Advertising - 930.1	Form 1, P.323.191, col. b	\$ 652,621	\$ 113,397
2	Regulatory Commission Expense	Form 1, P.351, col. h	1,869,181	610,167
3	Ohio Consumers' Counsel	Form 1, P.351, col. h	261,654	-
4	PUCO - Division of Forecasting	Form 1, P.351, col. h	102,384	-
5	Request for Rate Increase & Other Misc Exp	Form 1, P.351, col. h	142,352	161,403
6				
7	Electric Power Research Institute	Form 1, P.353, col. f	\$ 181,652	\$ 147,183
8	Less amounts recorded in a transmission account	FERC Account 566	68,220	4,164 (1)
9	Less amounts recorded in a non-formula related account	FERC Account 506	4,714	18,703
10	Less amounts recorded in a non-formula related account	FERC Account 910	69,683	49,844
11	Less amounts recorded in a non-formula related account	FERC Account 107	9,000	2,000
12	Total Electric Power Research Institute		<u>\$ 30,035</u>	<u>\$ 72,472</u>
13				
14	Subtotal		\$ 3,058,227	\$ 957,439
15				
16	Amount of Safety Related Advertising in Account 930.1		-	-
17				
18	Non-Safety Adv., Reg. Comm. Exp. & EPRI - To Page 3, Line 5		<u>\$ 3,058,227</u>	<u>\$ 957,439</u>

(1) To Page 3, Line 1c

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2022

A&G Expense

<b>Line No.</b>	<b>Description</b>	<b>DEO</b>	<b>DEK</b>
1	A&G Expense, Page 323, line 197, column b	\$ 60,500,299	\$ 24,512,081
2	Less: Non-Deductible Dues in Account 930	\$ 2,720	\$ -
3	Less: Gas BU Charges in Account 923	14,136	9,904
4	Less: Donations in Accounts 920, 921, & 930	<u>1,966</u>	<u>1,151</u>
5	Subtotal	<u>\$ 18,822</u>	<u>\$ 11,055</u>
6	Adjusted A&G Expense - To Page 3, Line 3	<u>\$ 60,481,477</u>	<u>\$ 24,501,026</u>

**Duke Energy Ohio and Duke Energy Kentucky**

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For the 12 months ended: 12/31/2022

**State Tax Composite Rate**

<b>Line No.</b>	<b>Description</b>	<b>DEO</b>	<b>DEK</b>
1	Revenue Requirement	\$ 203,349,727	\$ 11,079,406
2	Tax Rate	0.00%	5.00%
3	State Taxes	\$ -	\$ 553,970
4	Composite Tax Rate	0.00%	5.00%



Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102

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For the 12 months ended: 12/31/2022

Determination of Transmission Plant Included in OATT Ancillary Services

<b>Line No.</b>	<b>Description</b>	<b>DEO</b>	<b>DEK</b>
1	Total Generation Step-up Transformers	\$ -	\$ 17,042,710
2	Distribution Use	-	-
3	Transmission Plant Included in OATT Ancillary Services - To Page 4, Line 3	<u>\$ -</u>	<u>\$ 17,042,710</u>

**Duke Energy Ohio and Duke Energy Kentucky**

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For the 12 months ended: 12/31/2022

**Revenue Credits, Accounts 454 and 456.1**

Line No.	Description	Account 454	
		DEO	DEK
1	Total Account 454 per Books Total, Page 300, line 19, column b	\$ 12,511,708	\$ 1,545,653
2			
3	Less: Other Electric Revenue in Line 1 Total above	8,844,399	916,561
4			
5	Total Revenue Available for Credit Calculation	\$ 3,667,309	\$ 629,092
6			
7	Tower Lease Revenues in Line 1 Total above	\$ 103,910	\$ 13,780
8			
9	Backup Delivery Service - Transmission	\$ 31,008	\$ 81,152
10			
11	Rent from Electric Property in Line 1 Total above	\$ 3,532,391	\$ 534,160
12	Portion Attributable to Transmission (Exhibit No. DUK-102, Page 15)	5.85%	6.80%
13	Rent from Electric Property Attributable to Transmission	\$ 206,645	\$ 36,323
14			
15	Total Account 454 - To Page 4, Line 34	\$ 341,563	\$ 131,255
16			
17			
18			
19			
		Account 456.1	
		DEO	DEK
20	Total Account 456.1 Per Books Total, Page 300, line 22, column b	\$ 34,951,138	\$ 5,887,584
21			
22	Less: Transmission Revenues - Load not in Divisor		
23	Sch 4 - Day-Ahead Load Response Charge Allocation	\$ (177,893)	\$ -
24	Sch 4 - Real-Time Load Response Charge Allocation	(29,713)	-
25	Sch 8 - Non-Firm PTP	239,624	44,506
26	Sch 9 - NITS	31,135,943	-
27	Sch 26 - MTEP Project Cost Recovery - To Page 4, Line 36	1,048,862	-
28	PJM Customer Payment Default	-	-
29	Facilities Charges	178,194	55,325
30	Other Transmission Revenues - FTR's	-	5,656,158
31	Miscellaneous	1,019	-
32	Total Transmission Revenues - Load not in Divisor	\$ 32,396,036	\$ 5,755,989
33			
34	Total Account 456.1 - To Page 4, Line 35	\$ 2,555,102	\$ 131,595

**Duke Energy Ohio and Duke Energy Kentucky**

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For the 12 months ended: 12/31/2022

**Duke Energy Ohio Consolidated  
Capital Structure  
December 31, 2022  
(In Dollars)**

<b>Line No.</b>	<b>Description</b>	<b>Parent DE Ohio Holding Co.</b>
1	Total Proprietary Capital, page 112, line 16, column c	\$ 4,776,864,664
2	Less: Goodwill, page 233, line 1, column f	<u>\$ 746,918,647</u>
3	Total Common Stock Equity - To Page 4, Line 23	<u>\$ 4,029,946,017</u>

## Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102

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For the 12 months ended: 12/31/2022

### 2022 DEOK MONTHLY TRANSMISSION SYSTEM PEAKS (KILOWATTS)

<u>Line No.</u>	<u>Month</u>	<u>Monthly Peak<sup>(1)</sup></u>
1	Jan	4,391,000
2	Feb	3,981,000
3	Mar	3,516,000
4	Apr	3,246,000
5	May	4,580,000
6	Jun	5,164,000
7	Jul	5,151,000
8	Aug	5,020,000
9	Sep	4,899,000
10	Oct	3,143,000
11	Nov	3,599,000
12	Dec	<u>4,939,000</u>
13	Total	51,629,000
14	Average	<u>4,302,417</u>

Notes:

- (1) DEOK 1 CP is Duke Energy Ohio ("DEO") Monthly Firm Transmission System Peak Load as reported on page 400, column b of Form 1 at the time of DEO's annual peak.

Duke Energy Ohio  
2022 OATT Annual Update  
Worksheet for Derivation of PBOP Expense  
Included in 2022 FERC Form 1 Data

Exhibit No. DUK-102  
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For the 12 months ended: 12/31/2022

Actual PBOP Expense Components and Calculation Derivation (per Note E)						
Line	FERC Account	Description and Calculation Derivation	DEO / Duke Energy Ohio (503)	Duke Energy Business Services (110)	Total DEO	Source (Document, Page)
1	926	Duke Energy - All Legacy Postretirement Welfare Plans				
2		Net Periodic Benefit Cost - Service Cost	\$ 170,245	\$ 901,665		Duke Energy Actuarial Valuation Report December 31, 2022 Disclosure and Fiscal 2023 Net Periodic Benefit Cost for DEOK Retirement Plans Page 12
3		Long-term Disability Expense				
4		Adjustment to Reflect (Gains) and Losses	(350,474)	(3,282,563)		Duke Energy Actuarial Valuation Report Postemployment Benefit Obligation as of December 31, 2021 Under US GAAP and Employer Cash Flow For Fiscal Year Ending December 31, 2022 Page 20
5		Accrual for Future Disableds	1,144,000	3,289,000		LTD_FAS 112 Summary
6		Total Service Cost and Long-Term Disability Expense	<u>\$ 963,771</u>	<u>\$ 908,102</u>		
7		O&M Percentage	45.32%	53.15%		Actual O&M / Capital Split for YE 2022
8		Electric Only Percentage	72.54%			DEO 2022 Allocation Stat Percentages Table
9		Percent DEBS Allocation to DEO (Electric only)		10.19%		Service Company Labor Allocation to DEO for 2022
10		Adjustment to Transfer Expense to/from Duke Affiliates			\$ 215,453	
11		PBOP Expense O&M for DEO (Line 8 * Line 10 * (Line 11 or Line 12))	<u>\$ 316,846</u>	<u>\$ 49,183</u>	<u>\$ 366,029</u>	
12		Total DEO Direct and Allocated PBOP Expense (Benefit cost pool)			<u>\$ 581,482</u>	
13		Duke Energy - All Legacy Postretirement Welfare Plans				
14		Net Periodic Benefit Cost - Non-Service Cost	\$ 346,275	\$ 422,886		Duke Energy Actuarial Valuation Report December 31, 2022 Disclosure and Fiscal 2023 Net Periodic Benefit Cost for DEOK Retirement Plans Page 12
15		Purchase Accounting Amortization	1,018,816			
16		Total Non-Service Cost and Purchase Accounting Amortization	<u>\$ 1,365,091</u>	<u>\$ 422,886</u>		Year End 2015 Footnote Disclosures - Prepurchase Accounting
17		Electric Only Percentage	72.54%			DEO 2022 Allocation Stat Percentages Table
18		Percent DEBS Allocation to DEO (Electric only)		3.59%		2022 DGF1 per Cost Allocation Manual (CAM)
19		PBOP Expense O&M for DEO - Non-Service Cost Including Purchase Accounting Amortization (Line 22 * (Line 24 or Line 25))	<u>\$ 990,253</u>	<u>\$ 15,182</u>	<u>\$ 1,005,435</u>	
20		Total DEO PBOP Expense - FERC Account 926 (To page 3 of 6, Line 3a)			<u><u>\$ 1,586,917</u></u>	

**Duke Energy Kentucky  
2022 OATT Annual Update  
Worksheet for Derivation of PBOP Expense  
Included in 2022 FERC Form 1 Data**

Exhibit No. DUK-102  
Page 12 of 19  
For the 12 months ended: 12/31/2022

Actual PBOP Expense Components and Calculation Derivation (per Note E)						
Line	FERC Account	Description and Calculation Derivation	DEK / Duke Energy Kentucky (536)	Duke Energy Business Services (110)	Total DEK	Source (Document, Page)
1	926					
2		Duke Energy - All Legacy Postretirement Welfare Plans				
3		Net Periodic Benefit Cost - Service Cost	\$ 51,226	\$ 901,665		Duke Energy Actuarial Valuation Report December 31, 2022 Disclosure and Fiscal 2023 Net Periodic Benefit Cost for DEOK Retirement Plans Page 12
4		Long-term Disability Expense				
5		Adjustment to Reflect (Gains) and Losses	(625,402)	(3,282,563)		Duke Energy Actuarial Valuation Report Postemployment Benefit Obligation as of December 31, 2021 Under US GAAP and Employer Cash Flow For Fiscal Year Ending December 31, 2022 Page 20
6		Accrual for Future Disableds	572,000	3,289,000		LTD_FAS 112 Summary
7						
8		Total Service Cost and Long-Term Disability Expense	\$ (2,176)	\$ 908,102		
9						
10		O&M Percentage	66.86%	61.16%		Actual O&M / Capital Split for YE 2022
11		Electric Only Percentage	72.37%			DEK 2022 Allocation Stat Percentages Table
12		Percent DEBS Allocation to DEK (Electric only)		2.87%		Service Company Labor Allocation to DEK for 2022
13		Adjustment to Transfer Expense to/from Duke Affiliates			\$ 122,878	
14						
15		PBOP Expense O&M for DEK (Line 8 * Line 10 * (Line 11 or Line 12))	\$ (1,053)	\$ 15,940	\$ 14,887	
16						
17		Total DEK Direct and Allocated PBOP Expense (Benefit cost pool)			\$ 137,765	
18						
19		Duke Energy - All Legacy Postretirement Welfare Plans				
20		Net Periodic Benefit Cost - Non-Service Cost	\$ 4,464	\$ 422,886		Duke Energy Actuarial Valuation Report December 31, 2022 Disclosure and Fiscal 2023 Net Periodic Benefit Cost for DEOK Retirement Plans Page 12
21		Purchase Accounting Amortization	167,818			Year End 2015 Footnote Disclosures - Prepurchase Accounting
22		Total Non-Service Cost and Purchase Accounting Amortization	\$ 172,282	\$ 422,886		
23						
24		Electric Only Percentage	72.37%			DEK 2022 Allocation Stat Percentages Table
25		Percent DEBS Allocation to DEK (Electric only)		1.16%		2022 DGF1 per Cost Allocation Manual (CAM)
26						
27		PBOP Expense O&M for DEK - Non-Service Cost Including Purchase Accounting Amortization (Line 22 * (Line 24 or Line 25))	\$ 124,686	\$ 4,905	\$ 129,591	
28						
29						
30		<b>Total DEK PBOP Expense - FERC Account 926 (To page 3 of 6, Line 3a)</b>			<b>\$ 267,356</b>	

**Duke Energy Ohio and Duke Energy Kentucky**

Exhibit No. DUK-102

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For the 12 months ended: 12/31/2022

**Schedule 1A - Annual MWh**

<b>Line No.</b>	<b>Transaction Type</b>	<b>Seller</b>	<b>MWh</b>
1	Default Supplier Load	CEDDPR	(1,276,495)
2		DTTDEO	(295,011)
3		DXTDEO	(73,081)
4		ETDUKE	(262,768)
5		FESDPN	(91,351)
6		FRDKOH	(349,821)
7		HARDOL	(495,982)
8		NEEDEO	(2,201,835)
9		PLRCDK	(182,701)
10		PLRRDK	(601,305)
11	Total Default Supplier Load		(5,830,349)
12			
13	De-rated Losses		(313,097)
14			
15	Retail Load Responsibility		(14,597,109)
16			
17	Wholesale Load Responsibility	AMPGEO	(49,253)
18		AMPHAM	(635,508)
19		AMPLEB	(380,649)
20		AMPWTN	(38,022)
21		BUCK	(246,629)
22		DEK	(4,193,001)
23		EKPC	(134,941)
24		EPVOBO	(27,646)
25		EPVOHO	(6,226)
26		EPVORO	(17,871)
27		IMPA	(63,045)
28	Total Wholesale Load Responsibility		(5,792,790)
29			
30	Grand Total (to Appendix A, line 4)		(26,533,345)

Source: PJM MSRS Report Catalog  
 Report Category: Energy Transaction Details  
 Report: RT Daily Energy Transactions

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102

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For the 12 months ended: 12/31/2022

Transmission Owner Scheduling, System Control and Dispatch Service Credit Summary  
PJM Billing Line Item 2320

Line No.	PJM Invoice	Month Booked	Schedule 1A Zone Credit	Schedule 1A Non-Zone Credit	Total	PJM Invoice	Variance	Cum. Var.
1	December 2021	January 2022	\$ (364,957.50)	\$ (17,705.17)	\$ (382,662.67)	\$ (382,662.70)	(0.03)	(0.03)
2	January 2022	February	(429,871.17)	(16,909.60)	(446,780.77)	(446,780.77)	0.00	(0.03)
3	February	March	(368,232.39)	(15,626.22)	(383,858.61)	(383,858.61)	0.00	(0.03)
4	March	April	(354,702.30)	(14,969.49)	(369,671.79)	(369,671.74)	0.05	0.02
5	April	May	(327,694.30)	(8,214.39)	(335,908.69)	(335,908.70)	(0.01)	0.01
6	May	June	(361,834.30)	(11,393.66)	(373,227.96)	(373,227.92)	0.04	0.05
7	June	July	(380,493.10)	(12,939.31)	(393,432.41)	(393,432.40)	0.01	0.06
8	July	August	(425,775.34)	(13,556.42)	(439,331.76)	(439,331.76)	0.00	0.06
9	August	September	(408,770.42)	(16,147.33)	(424,917.75)	(424,917.75)	0.00	0.06
10	September	October	(341,625.11)	(16,810.40)	(358,435.51)	(358,435.51)	0.00	0.06
11	October	November	(299,220.62)	(10,919.76)	(310,140.38)	(310,140.38)	0.00	0.06
12	November	December	\$ (320,057.61)	\$ (11,067.70)	\$ (331,125.31)	\$ (331,125.31)	0.00	0.06
13								
14	<b>Attachment H-22A, Appendix A - Line 2</b>			<b>\$ (166,259.45)</b>				

Source: PJM MSRS Report Catalog  
Report Category: Other Ancillary Services  
Report: Sched 1A Credit Summary



Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102

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For the 12 months ended: 12/31/2022

**Pole Attachment Percentage Calculation  
For Revenue Credits, Account 454**

Line No.	Counts	DEO		DEK	
		Transmission	Distribution	Transmission	Distribution
1	Poles	25,411	409,862	5,562	76,224
2	Towers	6	5	-	-
3	Structures	53	75	-	3
4	Total	25,470	409,942	5,562	76,227
5					
6	Portion Attributable to Transmission	5.85% <sup>(1)</sup>	94.15%	6.80% <sup>(1)</sup>	93.20%

<sup>(1)</sup> To Exhibit No. DUK-102, Pg. 8, Line 12

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102  
 Page 16 of 19  
 For the 12 months ended: 12/31/2022

LSE Expenses Included in Transmission O&M

Line No.	Account	Description	DEO	DEK
1	561.4	Scheduling, System Control & Dispatch Services, Page 321, line 88, col b	\$ 9,946,623	\$ 1,988,719
2				
3	561.8	Reliability, Planning and Standards Development Services, Page 321, line 92, col b	<u>14,728,292</u>	<u>2,046,435</u>
4				
5		Total LSE Expenses Included in Transmission O&M	\$ 24,674,916	\$ 4,035,154
6				
7		TE Allocator	<u>90.552%</u>	<u>82.469%</u>
8				
9		LSE Expense Allocated to Transmission To Page 3, Line 1a	<u>\$ 22,343,630</u>	<u>\$ 3,327,751</u>

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2022

Prepayments - Account 165

<b>Line No.</b>	<b>Description</b>	<b>DEO</b>	<b>DEK</b>
1	Prepayments (165), Page 111, line 57, column c	\$ 227,647	\$ 340,112
2	Less: Gas BU Charges in Account 165	-	80,247
3	Adjusted Prepayments (165) - To Page 2, Line 29	<u>\$ 227,647</u>	<u>\$ 259,865</u>

**Duke Energy Ohio and Duke Energy Kentucky  
Permanent Tax Basis Differences Including AFUDC Equity**

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For the 12 months ended: 12/31/2022

Line No.	Description	Source	DEO	DEK
1	Permanent Tax Basis Differences Including AFUDC Equity	Company Books	\$ 8,804,594	\$ 567,025
2	$T=1 - \frac{[(1 - \text{SIT}) * (1 - \text{FIT})]}{(1 - \text{SIT} * \text{FIT} * p)}$ =	Page 3, Line 21	<u>21.00%</u>	<u>24.95%</u>
3	Tax Effect of Permanent Tax Basis Differences Including AFUDC Equity (Line 1 * Line 2)		<u>\$ 1,848,965</u>	<u>\$ 141,473</u> (1)

(1) To Page 3, Line 25b

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2022

Miscellaneous Regulatory Commission Expenses - Account 928

Line			
<u>No.</u>	<u>Description</u>	<u>DEO</u>	<u>DEK</u>
1	Miscellaneous Regulatory Commission Expenses (928) Form 1, P.351, col. H	\$ 82,066	\$ 14,679
2	Less: Non-Transmission Related	<u>14,370</u>	<u>3,225</u>
3	Total Adjusted Account 928 - To Page 3 of 6, Line 5a	<u>\$ 67,696</u>	<u>\$ 11,454</u> (1)

Note:

- (1) Includes outside services related to the following FERC dockets (and any associated appeals):  
EL22-34, ER22-1606/EL21-39, ER22-962, RM21-17, EL22-80