

		Form No. 1		Per 2023 FERC Form 1		
		Page, Line, Col.	DEO	DEK	DEOK	
GROSS PLANT IN SERVICE						
Production	205.46.g		\$ -	\$ 1,419,021,779	\$ 1,419,021,779	
Transmission	207.58.g		1,436,665,565	134,576,700	1,571,242,265	
Distribution	207.75.g		3,603,271,060	690,968,816	4,294,239,876	
General & Intangible Common	205.5.g & 207.99.g 356		655,022,007 393,226,777	66,457,902 54,293,246	721,479,909 447,520,023	
TOTAL GROSS PLANT			\$ 6,088,185,409	\$ 2,365,318,443	\$ 8,453,503,852	
ACCUMULATED DEPRECIATION						
Production	219.20.c-219.24.c		\$ -	\$ 680,310,277	\$ 680,310,277	
Transmission	219.25.c		160,933,749	12,445,053	173,378,802	
Distribution	219.26.c		774,397,809	160,353,451	934,751,260	
General & Intangible Common	200.21.c & 219.28.c 356		277,668,192 173,719,598	27,885,991 26,706,728	305,554,183 200,426,326	
TOTAL ACCUM. DEPRECIATION			\$ 1,386,719,348	\$ 907,701,500	\$ 2,294,420,848	
NET PLANT IN SERVICE						
Production	Calculated		\$ -	\$ 738,711,502	\$ 738,711,502	
Transmission	Calculated		1,275,731,816	122,131,647	1,397,863,463	
Distribution	Calculated		2,828,873,251	530,615,365	3,359,488,616	
General & Intangible Common	Calculated		377,353,815 219,507,179	38,571,911 27,586,518	415,925,726 247,093,697	
TOTAL NET PLANT			\$ 4,701,466,061	\$ 1,457,616,943	\$ 6,159,083,004	
ADJUSTMENTS TO RATE BASE						
Account No. 281 (enter negative)	273.8.k		\$ -	\$ -	\$ -	
Account No. 282 (enter negative)	Exhibit No. DUK-102, Pg. 1		(648,128,721)	(213,953,741)	(862,082,462)	
Account No. 283 (enter negative)	Exhibit No. DUK-102, Pg. 1		(39,532,436)	(24,402,805)	(63,935,241)	
Account No. 190	Exhibit No. DUK-102, Pg. 1		31,975,187	30,668,507	62,643,694	
Net (Excess) / Deficient Deferred Tax Adj. (Account No. 182.3 and 254)	DIT Worksheet, x.g		(212,352,449)	(52,065,959)	(264,418,407)	
Account No. 255 (enter negative)	267.8.h		0	0	0	
TOTAL ADJUSTMENTS			\$ (868,038,419)	\$ (259,753,998)	\$ (1,127,792,416)	
LAND HELD FOR FUTURE USE (Note G)						
	214.x.d [Exhibit No. DUK-102, Pg. 3]		\$ (1,997)	\$ -	\$ (1,997)	
WORKING CAPITAL						
CWC	calculated		\$ 7,828,529	\$ 3,190,755	\$ 11,019,284	
Materials & Supplies (Note G)	Exhibit No. DUK-102, Pg. 2		29,531,125	432	29,531,557	
Prepayments (Account 165)	111.57.c [Exhibit No. DUK-102, Pg. 18]		233,782	313,261	547,043	
TOTAL WORKING CAPITAL			\$ 37,593,436	\$ 3,504,448	\$ 41,097,884	
RATE BASE			\$ 3,871,019,081	\$ 1,201,367,393	\$ 5,072,386,475	
O&M						
Transmission	321.112.b		\$ 37,965,557	\$ 28,807,720	\$ 66,773,277	
Less LSE Expenses included in Transmission O&M Accounts (Note V)	Exhibit No. DUK-102, Pg. 16		21,313,617	4,010,661	25,324,278	
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		107,358	6,553	113,911	
Less Account 565	321.96.b		0	22,364,509	22,364,509	
A&G	Exhibit No. DUK-102, Pg. 5		49,286,764	24,035,052	73,321,816	
PBOP Expense excluding Pension Expense included in line 3 for information only	(Note E) [Exhibit No. DUK-102, Pg. 11-12]		937,888	(82,488)	855,400	
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		3,420,174	943,038	4,363,212	
Plus Transmission Related Reg. Comm. Exp. (Note I)	Exhibit No. DUK-102, Pg. 4		217,061	8,030	225,091	
Common	356		0	0	0	
Transmission Lease Payments			0	0	0	
TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less lines 1a, 1b, 1c, 2, 3b, 4, 5)			\$ 62,628,233	\$ 25,526,041	\$ 88,154,274	
DEPRECIATION AND AMORTIZATION EXPENSE						
Transmission	336.7.f		\$ 31,073,877	\$ 2,449,812	\$ 33,523,689	
General & Intangible Common	336.1.f & 336.10.f 336.11.f		43,811,537 9,953,383	5,548,538 446,581	49,360,075 10,399,964	
TOTAL DEPRECIATION AND AMORTIZATION (Sum lines 9 - 11)			\$ 84,838,797	\$ 8,444,931	\$ 93,283,728	
TAXES OTHER THAN INCOME TAXES (NOTE J)						
LABOR RELATED						
Payroll	263.I.		\$ 3,279,614	\$ 1,697,835	\$ 4,977,449	
Highway and vehicle	263.I.		0	0	0	
PLANT RELATED						
Property	263.I.		207,748,361	10,140,464	217,888,825	
Gross Receipts	263.I.		3,426,801	0	3,426,801	
Other	263.I.		0	0	0	
Payments in lieu of taxes			0	0	0	
TOTAL OTHER TAXES (sum lines 13 - 19)			\$ 214,454,776	\$ 11,838,299	\$ 226,293,075	
INCOME TAX RATES						
Federal Income Tax (FIT)			21.000000%	21.000000%		
State Income Tax (SIT) or Composite SIT	Exhibit No. DUK-102, Pg. 6		0.000000%	5.000000%		
(percent of federal income tax deductible for state purposes)			0.000000%	0.000000%		
Effective Income Tax Rate			21.000000%	24.950000%		
Amortized Investment Tax Credit	266.8.f (enter negative)		(754)	0	(754)	
Amortization of Excess/Deficient Deferred Income Taxes (Note O)	DIT Worksheet, x.d and x.e		(13,089,861)	(3,852,070)	(16,941,931)	
Tax Effect of Permanent Differences and AFUDC Equity	Exhibit No. DUK-102, Pg. 18		1,381,325	97,257	1,478,582	

Per 2023 FERC Form 1

DESCRIPTION	Form No. 1 Page, Line, Col.	DEO	DEK	DEOK
TRANSMISSION PLANT INCLUDED IN ISO RATES				
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	17,306,908	17,306,908
TRANSMISSION EXPENSES				
(561.1) Load Dispatch-Reliability	321.85.b	610,790	76,720	687,510
(561.2) Load Dispatch-Monitor & Operate Transmission System	321.86.b	2,693,798	360,219	3,054,017
(561.3) Load Dispatch-Transmission Service & Scheduling	321.87.b	364,995	45,373	410,368
Less transmission expenses included in OATT Ancillary Services (Note L)	321.85-87.b	3,669,583	482,312	4,151,895
WAGES & SALARY ALLOCATOR (W&S)				
		\$	\$	
Production	354.20.b	21,662	12,610,327	12,631,989
Transmission	354.21.b	5,641,456	670,484	6,311,940
Distribution	354.23.b	18,125,411	3,149,935	21,275,346
Other	354.24,25,26.b	12,607,676	2,449,721	15,057,397
Total (sum lines 12-15)		36,396,205	18,880,467	55,276,672
COMMON PLANT ALLOCATOR (CE) (Note O)				
		\$	\$	
Electric	200.3.c	5,214,458,673	2,068,717,625	7,283,176,298
Gas	201.3.d	3,099,082,834	817,976,397	3,917,059,231
Water	201.3.e	0	0	0
Total (sum lines 17 - 19)		8,313,541,507	2,886,694,022	11,200,235,529
RETURN (R)				
Interest on Long-Term Debt (427)	117.62.c	128,631,785	30,938,749	159,570,534
Amort. Of Debt Disc. And Expense (428)	117.63.c	3,737,877	465,836	4,203,713
Amort. Of Loss on Reacquired Debt (428.1)	117.64.c	278,834	118,160	396,994
(Less) Amort. Of Premium on Debt-Credit (429)	117.65.c	(463,364)	-	(463,364)
(Less) Amort. Of Gain on Reacquired Debt-Credit (429.1)	117.66.c	-	-	0
Interest on Debt to Assoc. Companies (430)	117.67.c	8,797,462	6,162,745	14,960,207
Long Term Interest	117.62.c-67.c	140,982,594	37,685,490	178,668,084
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]	4,363,831,679	1,130,356,702	5,494,188,381
(Less) Preferred Stock	112.3.c	0	0	0
(Less) Account 216.1	112.12.c (enter negative)	(866,670,956)	0	(866,670,956)
Common Stock		3,497,160,723	1,130,356,702	4,627,517,425
	(Note P)	\$	\$	
Bonds (221)	112.18.c	2,300,000,000	0	2,300,000,000
(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	550,000,000	681,720,000	1,231,720,000
Long Term Debt	112, 18.c-21.c	2,850,000,000	706,720,000	3,556,720,000
Preferred Stock	112.3.c	0	0	0
Common Stock	page 4 of 6, line 26	3,497,160,723	1,130,356,702	4,627,517,425
Total (sum lines 27-29)		6,347,160,723	1,837,076,702	8,184,237,425
REVENUE CREDITS				
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	\$ 573,031	\$ 147,371	\$ 720,402
ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note U)	Exhibit No. DUK-102, Pg. 8	\$ 1,487,153	\$ 94,767	\$ 1,581,920
ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note W)	Exhibit No. DUK-102, Pg. 8	\$ 1,619,624	\$ -	\$ 1,619,624
ROE - Docket Nos. ER12-91-000 and ER12-92-000 (Settlement)		11.38%	11.38%	11.38%
Revenue Requirement	Page 1 of 6, Line 7	\$ 220,602,051	\$ 14,681,963	\$ 235,284,014
FERC Refund Rate		8.50%		

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2023

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			\$ 239,174,821
	REVENUE CREDITS				
2	Account No. 454	DEO + DEK			\$ 701,450
3	Account No. 456.1	DEO + DEK			1,569,733
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			1,619,624
	Corrections Related to Prior Year Filings				0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				\$ 3,890,807
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			<u>\$ 235,284,014</u>
	DIVISOR				
8	1 CP	DEO + DEK			5,135,000
9	12 CP	DEO + DEK			4,154,750
10	Reserved				
11	Reserved				
12	Reserved				
13	Reserved				
14	Reserved				
15	Annual Cost (\$/kW/Yr) - 1 CP	(line 7 / line 8)	\$45.820		
16	Annual Cost (\$/kW/Yr) - 12 CP	(line 7 / line 9)	\$56.630		
17	Network Rate (\$/kW/Mo)	(line 15 / 12)	\$3.818		
17a	Point-To-Point Rate (\$/kW/Mo)	(line 16 / 12)	\$4.719		
			Peak Rate		Off-Peak Rate
18	Point-To-Point Rate (\$/kW/Wk)	(line 16 / 52; line 16 / 52)	\$1.089		
19	Point-To-Point Rate (\$/kW/Day)	(line 16 / 260; line 16 / 365)	\$0.218	Capped at weekly rate	\$0.155
20	Point-To-Point Rate (\$/MWh)	(line 16 / 4,160; line 16 / 8,760 * 1,000)	\$0.014	Capped at weekly and daily rate	\$6.465

For the 12 months ended: 12/31/2023

DUKE ENERGY OHIO AND DUKE ENERGY KENTUCKY (DEOK)
Transmission Formula Rate Revenue Requirement
Utilizing FERC Form 1 Data
For Rates Effective June 1, 2024

Schedule 1A Rate Calculation

Line No.	Source	Revenue Requirement
A. Schedule 1A Annual Revenue Requirements		
1	Total Load Dispatch & Scheduling (Account 561)	Attachment H-22A, Page 4, Line 7 \$ 4,151,895
2	Revenue Credits for Schedule 1A - Note A	\$ 192,302
3	Net Schedule 1A Revenue Requirement for Zone	\$ 3,959,593
B. Schedule 1A Rate Calculations		
4	2023 Annual MWh - Note B	Company Records 25,448,937 MWh
5	Schedule 1A rate \$/MWh	(Line 3 / Line 4) \$0.1556 \$/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	\$ 24,424,504		\$ 1,399,524	\$ 22,688,737		\$ 1,973,920	\$ 505,524	\$ 3,878,968	\$ -	\$ 3,878,968
1b			\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1c			\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$3,878,968	\$0	\$3,878,968
3	RTEP Transmission Enhancement Charges for Attachment H-22A											\$3,878,968

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	\$ 17,088,651		\$ 979,180	\$ 15,802,834		\$ 1,374,847	\$ 363,316	\$ 2,717,343	\$ -	\$ 2,717,343
1b	Project 2	P2	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$2,717,343	\$0	\$2,717,343
3	MTEP Transmission Enhancement Charges											\$2,717,343

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**

FERC Account Number (A)	Company Account Number (B)	Description (C)	Actual Accrual Rates (D) %
Transmission Plant			
350	3501	Rights of Way	1.33
352	3520	Structures & Improvements	1.50
353	3530	Station Equipment	2.34
353	3532	Station Equipment - Major	2.34
353	3535	Station Equipment - Electronics	4.00
354	3540	Towers & Fixtures	1.46
355	3550	Poles & Fixtures	2.85
356	3560	Overhead Conductors & Devices	1.92
356	3561	Overhead Conductors & Devices - Clear Rights of Way	1.43
357	3570	Underground Conduit	1.62
358	3580	Underground Conductors & Devices	2.18
General and Intangible Plant			
303	3033	Miscellaneous Intangible Plant - 3 Year	33.33
303	3030	Miscellaneous Intangible Plant - 5 Year	20.00
303	3031	Miscellaneous Intangible Plant - 10 Year	10.00
389	3890	Land and Land Rights	N/A
390	3900	Structures and Improvements	2.47
391	3910	Office Furniture and Equipment	5.00
391	3911	Electronic Data Processing Equipment	20.00
392	3921	Trailers	4.50
392	3925	Heavy Trucks	8.64
393	3930	Stores Equipment	5.00
394	3940	Tools, Shop & Garage Equipment	4.00
396	3960	Power Operated Equipment	5.29
397	3970	Communication Equipment	6.67
398	3980	Miscellaneous Equipment	5.00
Common Plant			
	1030	Miscellaneous Intangible Plant	20.00
	1701	Common AMI Meters	6.67
	1890	Land and Land Rights	N/A
	1900	Structures and Improvements	3.52
	1910	Office Furniture and Equipment	5.00
	1911	Electronic Data Processing Equipment	20.00
	1920	Transportation Equipment	9.09
	1921	Trailers	4.50
	1930	Stores Equipment	5.00
	1940	Tools, Shop & Garage Equipment	4.00
	1960	Power Operated Equipment	5.29
	1970	Communication Equipment	6.67
	1980	Miscellaneous Equipment	5.00

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

FERC Account Number (A)	Company Account Number (B)	Description (C)	Actual Accrual Rates (D) %
Transmission Plant			
350	3501	Rights of Way	0.93
352	3520	Structures & Improvements	1.69
353	3530	Station Equipment	2.31
353	3532	Station Equipment - Major	1.78
355	3550	Poles & Fixtures	2.57
356	3560	Overhead Conductors & Devices	2.09
356	3561	Overhead Conductors - Clear R/W	1.54
General and Intangible Plant			
303	3033	Miscellaneous Intangible Plant - 3 Year	33.33
303	3030	Miscellaneous Intangible Plant - 5 Year	20.00
303	30310	Miscellaneous Intangible Plant - 10 Year	10.00
390	3900	Structures and Improvements	3.33
391	3910	Office Furniture and Equipment	5.00
391	3911	Electronic Data Processing Equipment	20.00
392	3920	Transportation Equipment	6.20
392	3921	Trailers	1.93
394	3940	Tools, Shop & Garage Equipment	4.00
396	3960	Powered Operated Equipment	4.18
397	3970	Communication Equipment	6.67
Common Plant			
	1030	Miscellaneous Intangible Plant	20.00
	1900	Structures and Improvements	4.52
	1910	Office Furniture and Equipment	5.00
	1911	Electronic Data Processing Equipment	10.01
	1940	Tools, Shop & Garage Equipment	4.00
	1970	Communication Equipment	6.67
	1980	Miscellaneous Equipment	6.67

For the 12 months ended: 12/31/2023

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

Line No.	Offset (Dr.)/Cr. <u>Deferred Income Tax Remeasurement</u> (a)	Dr./(Cr.) <u>190</u> (b)	Dr./(Cr.) <u>282</u> (c)	Dr./(Cr.) <u>283</u> (d)	Dr./(Cr.) <u>Total</u> (e)
1	Pre-Remeasurement ADIT	\$ 25,011,816	\$ (485,389,618)	\$ -	\$ (460,377,802)
2	Post-Remeasurement ADIT	<u>9,708,141</u>	<u>(291,233,771)</u>	-	(281,525,630)
3	ADIT Remeasurement Total	\$ (15,303,675)	\$ 194,155,847	\$ -	\$ 178,852,172
4	182.3 ⁽⁶⁾	\$ -	\$ -	\$ -	\$ -
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)	(b) ¹ Amortization Rate	(c) Beginning year balance	(d) ^{2/4} = (b) x (System Level Balance) Current year Amortization 411.1	(e) ^{2/4} = (b) x (System Level Balance) Current year Amortization 410.1	(f) ³ DIT Reclass to Unprotected	(g) ⁵ = (c-d-e-f) Remaining Balance
20	2018	0.00%	\$ 178,852,172	\$ -	\$ -	\$ 4,411,418	\$ 174,440,754
21	2019	0.88%	174,440,754	1,543,210	-	(1,114,768)	174,012,312
22	2020	3.77%	174,012,312	6,561,905	-	984,486	166,465,921
23	2021	3.55%	166,465,921	5,902,699	-	-	160,563,223
24	2022	3.50%	160,563,223	5,623,023	-	-	154,940,199
25	2023	1.40%	154,940,199	2,171,539	-	-	152,768,660

Notes:

- (1) 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.
- (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: 12/31/2023

Duke Energy Ohio, Inc.
Unprotected 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	\$ 14,987,165	\$ (309,037,093)	\$ (40,578,234)	\$ (334,628,162)
2	Post-Remeasurement ADIT	90,463,734	(184,747,541)	(25,373,494)	(119,657,301)
3	ADIT Remeasurement Total	\$ 75,476,569	\$ 124,289,552	\$ 15,204,740	\$ 214,970,861
4	182.3 ⁽⁶⁾	\$ -	\$ 32,534,619	\$ -	\$ 32,534,619
5	254 (Gross-up only)	79,217,273	-	-	79,217,273
6	254 (Exclude Gross-up)	(236,711)	-	-	(236,711)
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	(3,503,993)	92,067,703	15,262,337	103,826,047
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) ¹ Amortization Rate	(c) Beginning year balance	(d) ^{2/4} = (b) x (System Level Balance) Current year Amortization 411.1	(e) ^{2/4} = (b) x (System Level Balance) Current year Amortization 410.1	(f) ³ DIT Reclass to Unprotected	(g) ⁵ = (c-d-e-f) Remaining Balance
20	2018	\$ 103,826,047	\$ -	\$ -	\$ (4,411,418)	\$ 108,237,465
21	2019	108,237,465	6,657,667	-	1,114,768	100,465,029
22	2020	100,465,029	9,183,400	-	(984,486)	92,266,115
23	2021	92,266,115	10,845,682	-	-	81,420,433
24	2022	81,420,433	10,918,322	-	-	70,502,111
25	2023	70,502,111	10,918,322	-	-	59,583,788

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: 12/31/2023

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

Line No.	Offset (Dr.)/Cr.	Dr./.(Cr.) <u>190</u> (a)	Dr./.(Cr.) <u>282</u> (c)	Dr./.(Cr.) <u>283</u> (d)	Dr./.(Cr.) <u>Total</u> (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 ⁽⁶⁾	\$ -	\$ -	\$ -	\$ -
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) Year	(b) ¹ Amortization Rate	(c) Beginning year balance	(d) ^{2/4} = (b) x (System Level Balance) Current year Amortization 411.1	(e) ^{2/4} = (b) x (System Level Balance) Current year Amortization 410.1	(f) ³ DIT Reclass to Unprotected	(g) ⁵ = (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
25	2023	0.93%	44,741,341	416,076	-	-	44,325,265

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: 12/31/2023

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

Line No.	Offset (Dr.)/Cr.	Dr./(Cr.) 190 (a)	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 ⁽⁶⁾	\$ -	\$ 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)	\$ 16,748,211	\$ 42,777,864	\$ 11,013,611	\$ 70,539,686

	(a)	(b) ¹ Amortization Rate	(c) Beginning year balance	(d) ^{2/4} = (b) x (System Level Balance) Current year Amortization 411.1	(e) ^{2/4} = (b) x (System Level Balance) Current year Amortization 410.1	(f) ³ DIT Reclass to Unprotected	(g) ⁵ = (c-d-e-f) Remaining Balance
20	2018	10.00%	\$ 25,421,496	\$ 2,202,186	\$ -	\$ (146,320)	\$ 23,365,631
21	2019	10.00%	23,365,631	3,254,797	-	-	20,110,834
22	2020	10.00%	20,110,834	3,303,279	-	-	16,807,556
23	2021	10.00%	16,807,556	3,303,279	-	-	13,504,277
24	2022	10.00%	13,504,277	3,303,279	-	-	10,200,999
25	2023	10.00%	10,200,999	3,303,279	-	-	6,897,720

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: 12/31/2023

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

Line No.	Offset (Dr.)/Cr. <u>Deferred Income Tax Remeasurement</u> (a)	Dr./(Cr.) <u>190</u> (b)	Dr./(Cr.) <u>282</u> (c)	Dr./(Cr.) <u>283</u> (d)	Dr./(Cr.) <u>Total</u> (e)
1	Pre-Remeasurement ADIT	\$ 8,274,931	\$ (24,389,390)	\$ (4,617,595)	\$ (20,732,054)
2	Post-Remeasurement ADIT	<u>8,163,559</u>	<u>(23,131,260)</u>	<u>(4,361,585)</u>	<u>(19,329,285)</u>
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)	<u>(374,507)</u>	<u>-</u>	<u>-</u>	<u>(374,507)</u>
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	<u>(178,295)</u>	<u>-</u>	<u>-</u>	<u>(178,295)</u>
13	254	<u>(178,295)</u>	<u>1,251,881</u>	<u>256,010</u>	<u>1,329,596</u>
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	\$ -	\$ -	\$ -	\$ -
19	Total Change in Excess / (Deficient) DIT (Line 7 + Line 14 + Line 18)	<u>\$ (111,372)</u>	<u>\$ 1,258,130</u>	<u>\$ 256,010</u>	<u>\$ 1,402,769</u>

	(a)	(b) ¹ Amortization Rate	(c) Beginning year balance	(d) ^{2/4} = (b) x (System Level Balance) Current year Amortization 411.1	(e) ^{2/4} = (b) x (System Level Balance) Current year Amortization 410.1	(f) ³ DIT Reclass to Unprotected	(g) ⁵ = (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
25	2023	10.00%	975,689	132,715	-	N/A	842,974

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: 12/31/2023

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)			\$ 224,281,859
REVENUE CREDITS (Note T)					
2	Account No. 454	(page 4, line 34)	Total	Allocator	
3	Account No. 456.1	(page 4, line 35)	\$ 573,031	TP 1.00000	\$ 573,031
4a	Revenues from Grandfathered Interzonal Transactions		1,487,153	TP 1.00000	1,487,153
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)	1,619,624	TP 1.00000	1,619,624
6	TOTAL REVENUE CREDITS (sum lines 2-5)				\$ 3,679,808
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			\$ 220,602,051

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2023

DUKE ENERGY OHIO (DEO)

Line No.	(1) RATE BASE:	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col. 3 times Col. 4)
GROSS PLANT IN SERVICE					
1	Production	205.46.g	\$ -	NA	
2	Transmission	207.58.g	1,436,665,565	TP	1.00000 \$ 1,436,665,565
3	Distribution	207.75.g	3,603,271,060	NA	
4	General & Intangible	205.5.g & 207.99.g	655,022,007	WS	0.15500 101,528,411
5	Common	356	393,226,777	CE	0.09722 38,229,507
6	TOTAL GROSS PLANT (sum lines 1-5)		\$ 6,088,185,409	GP=	0.25893 \$ 1,576,423,483
ACCUMULATED DEPRECIATION AND AMORTIZATION					
7	Production	219.20.c-219.24.c	\$ -	NA	
8	Transmission	219.25.c	160,933,749	TP	1.00000 \$ 160,933,749
9	Distribution	219.26.c	774,397,809	NA	
10	General & Intangible	200.21.c & 219.28.c	277,668,192	WS	0.15500 43,038,570
11	Common	356	173,719,598	CE	0.09722 16,889,019
12	TOTAL ACCUM. DEPRECIATION AND AMORTIZATION (sum lines 7-11)		\$ 1,386,719,348		\$ 220,861,338
NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	\$ -		
14	Transmission	(line 2 - line 8)	1,275,731,816		\$ 1,275,731,816
15	Distribution	(line 3 - line 9)	2,828,873,251		
16	General & Intangible	(line 4 - line 10)	377,353,815		58,489,841
17	Common	(line 5 - line 11)	219,507,179		21,340,488
18	TOTAL NET PLANT (sum lines 13-17)		\$ 4,701,466,061	NP=	0.28833 \$ 1,355,562,145
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	(648,128,721)	NP	0.28833 (186,874,954)
21	Account No. 283 (enter negative)	277.9.k & 277.18.k	(39,532,436)	NP	0.28833 (11,398,387)
22	Account No. 190	234.8.c & 234.17.c	31,975,187	NP	0.28833 9,219,406
23	Net (Excess) / Deficient Deferred Tax Adj. (Account No. 182.3 and 254)	DIT Worksheet, x.g	(212,352,449)	NP	0.28833 (61,227,581)
24	Account No. 255 (enter negative) (Note K)	267.8.h	0	NP	0.28833 0
25	TOTAL ADJUSTMENTS (sum lines 19 - 24)		\$ (868,038,419)		\$ (250,281,516)
26	LAND HELD FOR FUTURE USE (Note G)	214.x.d	\$ (1,997)	TP	1.00000 \$ (1,997)
WORKING CAPITAL (Note H)					
27	CWC	calculated	\$ 7,828,529		\$ 2,523,826
28	Materials & Supplies (Note G)	227.5.c & 227.8.c & 227.16.c	29,531,125	TE	0.90334 26,676,646
29	Prepayments (Account 165)	111.57.c	233,782	GP	0.25893 60,533
30	TOTAL WORKING CAPITAL (sum lines 27 - 29)		\$ 37,593,436		\$ 29,261,005
31	RATE BASE (sum lines 18, 25, 26, & 30)		\$ 3,871,019,081		\$ 1,134,539,637

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2023

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)
O&M					
1	Transmission	321.112.b	\$ 37,965,557	TE 0.90334	\$ 34,295,806
1a	Less LSE Expenses included in Transmission O&M Accounts (Note V)	321.88.b & 321.92.b	21,313,617	1.00000	21,313,617
1b	Less Midcontinent ISO Exit Fees included in Transmission O&M	(Note X)	0	TE 0.90334	0
1c	Less EPRI Annual Membership Dues	(Note I)	107,358	TE 0.90334	96,981
2	Less Account 565	321.96.b	0	TE 0.90334	0
3	A&G	323.197.b	49,286,764	WS 0.15500	7,639,448
3a	PBOP Expense excluding Pension Expense included in line 3 for information only	(Note E)	937,888	WS	
3b	Less PJM Integration Costs included in A&G Internal Integration Costs included in A&G	(Note Y)	0	WS 0.15500	0
4	Less FERC Annual Fees	350.x.b	0	WS 0.15500	0
5	Less EPRI & Reg. Comm. Exp. & Non-Safety Advertising (Note I)		3,420,174	WS 0.15500	530,127
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		217,061	TE 0.90334	196,080
6	Common	356	0	CE 0.09722	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)		\$ 62,628,233		\$ 20,190,609
DEPRECIATION AND AMORTIZATION EXPENSE					
9	Transmission	336.7.f	\$ 31,073,877	TP 1.00000	\$ 31,073,877
10	General & Intangible	336.1.f & 336.10.f	43,811,537	WS 0.15500	6,790,788
11	Common	336.11.f	9,953,383	CE 0.09722	967,668
12	TOTAL DEPRECIATION AND AMORTIZATION (sum lines 9 - 11)		\$ 84,838,797		\$ 38,832,333
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
13	Payroll	[263.i]*	\$ 3,279,614	WS 0.15500	\$ 508,340
14	Highway and vehicle	[263.i]*	0	WS 0.15500	0
PLANT RELATED					
16	Property	[263.i]*	207,748,361	GP 0.25893	53,792,283
17	Gross Receipts	[263.i]*	3,426,801	NA zero	0
18	Other	[263.i]*	0	GP 0.25893	0
19	Payments in lieu of taxes		0	GP 0.25893	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		\$ 214,454,776		\$ 54,300,623
INCOME TAXES (Note K)					
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.		19.631435%		
23	$1 / (1 - T) =$ (from line 21)		1.26582278		
24	Amortized Investment Tax Credit	266.8.f (enter negative)	(754)		
25	Amortization of Excess/Deficient Deferred Income Taxes (Note O)	DIT Worksheet, x.d and x.e	(13,089,861)		
25b	Tax Effect of Permanent Differences and AFUDC Equity	(Note Z)	1,381,325		
26	Income Tax Calculation (line 22 * line 30)		\$ 64,518,618	NA	\$ 18,909,473
27	ITC adjustment (line 23 * line 24)		(954)	NP 0.28833	(275)
28	Excess/Deficient DIT amortization (line 23 * line 25)		(16,569,445)	NP 0.28833	(4,777,468)
28b	Permanent Differences and AFUDC Equity Tax Adjustment (line 23 * line 25b)		1,748,513	NP 0.28833	504,149
29	Total Income Taxes (sum lines 26 - 28b)		\$ 49,696,732		\$ 14,635,879
30	RETURN [Rate Base (page 2, line 31) * Rate of Return (page 4, line 30)]		\$ 328,649,520	NA	\$ 96,322,415
31	REV. REQUIREMENT (sum lines 8, 12, 20, 29, 30)		\$ 740,268,058		\$ 224,281,859

* 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: 12/31/2023

DUKE ENERGY OHIO (DEO)
SUPPORTING CALCULATIONS AND NOTES

Line

TRANSMISSION PLANT INCLUDED IN ISO RATES									
1	Total transmission plant (page 2, line 2, column 3)								\$ 1,436,665,565
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)								\$ 1,436,665,565
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)						TP=		1.00000
TRANSMISSION EXPENSES									
6	Total transmission expenses (page 3, line 1, column 3)								\$ 37,965,557
7	Less transmission expenses included in OATT Ancillary Services (Note L)								3,669,583
8	Included transmission expenses (line 6 less line 7)								\$ 34,295,974
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)								0.90334
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=		0.90334
WAGES & SALARY ALLOCATOR (WS)									
		Form 1 Reference	\$	TP	Allocation				
12	Production	354.20.b	21,662	0.00	0				
13	Transmission	354.21.b	5,641,456	1.00	5,641,456				
14	Distribution	354.23.b	18,125,411	0.00	0				
15	Other	354.24,25,26.b	12,607,676	0.00	0			WS Allocator	
16	Total Electric (sum lines 12-15)		36,396,205		5,641,456	=		(\$ / Allocation)	0.15500 = WS
COMMON PLANT ALLOCATOR (CE)									
			\$		% Electric			WS Allocator	
17	Electric	200.3.c	5,214,458,673		(line 17 / line 20)	*		(line 16)	CE
18	Gas	201.3.d	3,099,082,834		0.62722			0.15500	= 0.09722
19	Water	201.3.e	0						
20	Total (sum lines 17 - 19)		8,313,541,507						
RETURN (R)									
21		Long Term Interest (117, sum of 62.c through 67.c)						\$	140,982,594
22		Preferred Dividends (118.29.c) (positive number)							0
Development of Common Stock:									
23		Proprietary Capital (112.16.c)							4,363,831,679
24		Less Preferred Stock (line 28)							0
25		Less Account 216.1 (112.12.c) (enter negative)							(866,670,956)
26		Common Stock (sum lines 23-25)							3,497,160,723
		(Note P)	\$	%	Cost			Weighted	
27	Long Term Debt (112, sum of 18.c through 21.c)		2,850,000,000	45%	0.0495			0.0222 =WCLTD	
28	Preferred Stock (112.3.c)		0	0%	0.0000			0.0000	
29	Common Stock (line 26)		3,497,160,723	55%	0.1138			0.0627	
30	Total (sum lines 27-29)		6,347,160,723					0.0849 =R	
REVENUE CREDITS									
ACCOUNT 447 (SALES FOR RESALE) (Note Q)									
		(310-311)						Load	
31	a. Bundled Non-RQ Sales for Resale (311.x.h)								0
32	b. Bundled Sales for Resale included in Divisor on page 1								0
33	Total of (a)-(b)								0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)							\$	573,031
35	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note U)	(330.x.n)						\$	1,487,153
36	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note W)	(330.x.n)						\$	1,619,624

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2023

Rate Formula Template
Utilizing FERC Form 1 Data

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: 12/31/2023

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
	TRANSMISSION PLANT			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	1,436,665,565	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	1,275,731,816	
	O&M EXPENSE			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	20,190,609	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	1.41%	1.41%
	GENERAL AND COMMON (G&C) DEPRECIATION AND AMORTIZATION EXPENSE			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	7,758,456	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.54%	0.54%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	54,300,623	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	3.78%	3.78%
9	Annual Allocation Factor for Expense	Sum of lines 4, 6 and 8		5.73%
	INCOME TAXES			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	14,635,879	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.15%	1.15%
	RETURN			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	96,322,415	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	7.55%	7.55%
14	Annual Allocation Factor for Return	Sum of lines 11 and 13		8.70%

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	\$ 24,424,504	5.73%	\$ 1,399,524	\$ 22,688,737	8.70%	\$ 1,973,920	\$ 505,524	\$ 3,878,968	\$ -	\$ 3,878,968
1b			\$ -	5.73%	\$ -	\$ -	8.70%	\$ -	\$ -	\$ -	\$ -	\$ -
1c			\$ -	5.73%	\$ -	\$ -	8.70%	\$ -	\$ -	\$ -	\$ -	\$ -
2	Annual Totals									\$3,878,968	\$0	\$3,878,968
3	RTEP Transmission Enhancement Charges for Attachment H-22A											\$3,878,968

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
	TRANSMISSION PLANT			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	1,436,665,565	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	1,275,731,816	
	O&M EXPENSE			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	20,190,609	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	1.41%	1.41%
	GENERAL AND COMMON (G&C) DEPRECIATION AND AMORTIZATION EXPENSE			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	7,758,456	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.54%	0.54%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	54,300,623	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	3.78%	3.78%
9	Annual Allocation Factor for Expense	Sum of lines 4, 6 and 8		5.73%
	INCOME TAXES			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	14,635,879	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.15%	1.15%
	RETURN			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	96,322,415	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	7.55%	7.55%
14	Annual Allocation Factor for Return	Sum of lines 11 and 13		8.70%

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	\$ 17,088,651	5.73%	\$ 979,180	\$ 15,802,834	8.70%	\$ 1,374,847	\$ 363,316	\$ 2,717,343	\$ -	\$ 2,717,343	
1b	Project 2	P2	\$ -	5.73%	\$ -	\$ -	8.70%	\$ -	\$ -	\$ -	\$ -	\$ -	
1c	Project 3	P3	\$ -	5.73%	\$ -	\$ -	8.70%	\$ -	\$ -	\$ -	\$ -	\$ -	
2	Annual Totals										\$2,717,343	\$0	\$2,717,343
3	MTEP Transmission Enhancement Charges												\$2,717,343

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: 12/31/2023

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)			\$ 14,892,962
REVENUE CREDITS (Note T)					
2	Account No. 454	(page 4, line 34)	Total	TP	0.87140
3	Account No. 456.1	(page 4, line 35)	\$ 147,371	TP	0.87140
4a	Revenues from Grandfathered Interzonal Transactions		94,767	TP	0.87140
4b	Revenues from service provided by ISO at a discount		0	TP	0.87140
5	Legacy MTEP Credit (Account 456.1)	(page 4, line 36)	0	TP	1.00000
6	TOTAL REVENUE CREDITS (sum lines 2-5)				\$ 210,999
7	NET REVENUE REQUIREMENT	(line 1 minus line 6)			\$ 14,681,963

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended: 12/31/2023

DUKE ENERGY KENTUCKY (DEK)

Line No.	(1) RATE BASE	(2) Form No. 1 Page, Line, Col.		(3) Company Total	(4) Allocator	(5) Transmission (Col. 3 times Col. 4)
GROSS PLANT IN SERVICE						
1	Production	205.46.g		\$ 1,419,021,779	NA	
2	Transmission	207.58.g		134,576,700	TP	0.87140 \$ 117,270,136
3	Distribution	207.75.g		690,968,816	NA	
4	General & Intangible	205.5.g & 207.99.g		66,457,902	WS	0.03095 2,056,872
5	Common	356		54,293,246	CE	0.02218 1,204,224
6	TOTAL GROSS PLANT (sum lines 1-5)			\$ 2,365,318,443	GP=	0.05096 \$ 120,531,232
ACCUMULATED DEPRECIATION AND AMORTIZATION						
7	Production	219.20.c-219.24.c		\$ 680,310,277	NA	
8	Transmission	219.25.c		12,445,053	TP	0.87140 \$ 10,844,619
9	Distribution	219.26.c		160,353,451	NA	
10	General & Intangible	200.21.c & 219.28.c		27,885,991	WS	0.03095 863,071
11	Common	356		26,706,728	CE	0.02218 592,355
12	TOTAL ACCUM. DEPRECIATION AND AMORTIZATION (sum lines 7-11)			\$ 907,701,500		\$ 12,300,045
NET PLANT IN SERVICE						
13	Production	(line 1 - line 7)		\$ 738,711,502		
14	Transmission	(line 2 - line 8)		122,131,647		\$ 106,425,517
15	Distribution	(line 3 - line 9)		530,615,365		
16	General & Intangible	(line 4 - line 10)		38,571,911		1,193,801
17	Common	(line 5 - line 11)		27,586,518		611,869
18	TOTAL NET PLANT (sum lines 13-17)			\$ 1,457,616,943	NP=	0.07425 \$ 108,231,187
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		(213,953,741)	NP	0.07425 (15,886,065)
21	Account No. 283 (enter negative)	277.9.k & 277.18.k		(24,402,805)	NP	0.07425 (1,811,908)
22	Account No. 190	234.8.c & 234.17.c		30,668,507	NP	0.07425 2,277,137
23	Net (Excess) / Deficient Deferred Tax Adj. (Account No. 182.3 and 254)	DIT Worksheet, x.g		(52,065,959)	NP	0.07425 (3,865,897)
24	Account No. 255 (enter negative) (Note K)	267.8.h		0	NP	0.07425 0
25	TOTAL ADJUSTMENTS (sum lines 19 - 24)			\$ (259,753,998)		\$ (19,286,733)
26	LAND HELD FOR FUTURE USE (Note G)	214.x.d		\$ -	TP	1.00000 \$ -
WORKING CAPITAL (Note H)						
27	CWC	calculated		\$ 3,190,755		\$ 278,239
28	Materials & Supplies (Note G)	227.5.c & 227.8.c & 227.16.c		432	TE	0.85681 370
29	Prepayments (Account 165)	111.57.c		313,261	GP	0.05096 15,964
30	TOTAL WORKING CAPITAL (sum lines 27 - 29)			\$ 3,504,448		\$ 294,573
31	RATE BASE (sum lines 18, 25, 26, & 30)			\$ 1,201,367,393		\$ 89,239,027

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2023

Rate Formula Template
Utilizing FERC Form 1 Data

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)
O&M					
1	Transmission	321.112.b	\$ 28,807,720	TE 0.85681	\$ 24,682,743
1a	Less LSE Expenses included in Transmission O&M Accounts (Note V)	321.88.b & 321.92.b	4,010,661	1.00000	4,010,661
1b	Less Midcontinent ISO Exit Fees included in Transmission O&M	(Note X)	0	TE 0.85681	0
1c	Less EPRI Annual Membership Dues	(Note I)	6,553	TE 0.85681	5,615
2	Less Account 565	321.96.b	22,364,509	TE 0.85681	19,162,135
3	A&G	323.197.b	24,035,052	WS 0.03095	743,885
3a	PBOP Expense excluding Pension Expense included in line 3 for information only	(Note E)	(82,488)	WS	
3b	Less PJM Integration Costs included in A&G and Internal Integration Costs included in A&G	(Note Y)	0	WS 0.03095	0
4	Less FERC Annual Fees	350.x.b	0	WS 0.03095	0
5	Less EPRI & Reg. Comm. Exp. & Non-Safety Advertising (Note I)		943,038	WS 0.03095	29,187
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		8,030	TE 0.85681	6,880
6	Common	356	0	CE 0.02218	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)		\$ 25,526,041		\$ 2,225,910
DEPRECIATION AND AMORTIZATION EXPENSE					
9	Transmission	336.7.f	\$ 2,449,812	TP 0.87140	\$ 2,134,766
10	General & Intangible	336.1.f & 336.10.f	5,548,538	WS 0.03095	171,727
11	Common	336.11.f	446,581	CE 0.02218	9,905
12	TOTAL DEPRECIATION AND AMORTIZATION (sum lines 9 - 11)		\$ 8,444,931		\$ 2,316,398
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
13	Payroll	[263.i]*	\$ 1,697,835	WS 0.03095	\$ 52,548
14	Highway and vehicle	[263.i]*	0	WS 0.03095	0
PLANT RELATED					
16	Property	[263.i]*	10,140,464	GP 0.05096	516,758
17	Gross Receipts	[263.i]*	0	NA zero	0
18	Other	[263.i]*	0	GP 0.05096	0
19	Payments in lieu of taxes		0	GP 0.05096	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)		\$ 11,838,299		\$ 569,306
INCOME TAXES (Note K)					
21	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		24.950000%		
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. $1 / (1 - T) =$ (from line 21)		25.713981%		
23			1.33244504		
24	Amortized Investment Tax Credit	266.8.f (enter negative)	\$ -		
25	Amortization of Excess/Deficient Deferred Income Taxes (Note O)	DIT Worksheet, x.d and x.e	(3,852,070)		
25b	Tax Effect of Permanent Differences and AFUDC Equity	(Note Z)	97,257		
26	Income Tax Calculation (line 22 * line 30)		\$ 27,957,204	NA	\$ 2,076,695
27	ITC adjustment (line 23 * line 24)		0	NP 0.07425	0
28	Excess/Deficient DIT amortization (line 23 * line 25)		(5,132,671)	NP 0.07425	(381,101)
28b	Permanent Differences and AFUDC Equity Tax Adjustment (line 23 * line 25b)		129,589	NP 0.07425	9,622
29	Total Income Taxes (sum lines 26 - 28b)		\$ 22,954,122		\$ 1,705,216
30	RETURN [Rate Base (page 2, line 31) * Rate of Return (page 4, line 30)]		\$ 108,723,749	NA	\$ 8,076,132
31	REV. REQUIREMENT (sum lines 8, 12, 20, 29, 30)		\$ 177,487,142		\$ 14,892,962

* 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: 12/31/2023

DUKE ENERGY KENTUCKY (DEK)
SUPPORTING CALCULATIONS AND NOTES

Line No.									
TRANSMISSION PLANT INCLUDED IN ISO RATES									
1	Total transmission plant (page 2, line 2, column 3)							\$	134,576,700
2	Less transmission plant excluded from ISO rates (Note M)								0
3	Less transmission plant included in OATT Ancillary Services (Note N)								17,306,908
4	Transmission plant included in ISO Rates (line 1 less lines 2 & 3)							\$	117,269,792
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)						TP=		0.87140
TRANSMISSION EXPENSES									
6	Total transmission expenses (page 3, line 1, column 3)							\$	28,807,720
7	Less transmission expenses included in OATT Ancillary Services (Note L)								482,312
8	Included transmission expenses (line 6 less line 7)							\$	28,325,408
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)								0.98326
10	Percentage of transmission plant included in ISO Rates (line 5)						TP		0.87140
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)						TE=		0.85681
WAGES & SALARY ALLOCATOR (WS)									
		Form 1 Reference	\$	TP	Allocation				
12	Production	354.20.b	12,610,327	0.00	0				
13	Transmission	354.21.b	670,484	0.87140	584,260				
14	Distribution	354.23.b	3,149,935	0.00	0				WS Allocator
15	Other	354.24,25,26.b	2,449,721	0.00	0				(\$ / Allocation)
16	Total Electric (sum lines 12-15)		18,880,467		584,260	=			0.03095 = WS
COMMON PLANT ALLOCATOR (CE)									
			\$	% Electric	WS Allocator				
17	Electric	200.3.c	2,068,717,625	(line 17 / line 20)	(line 16)				CE
18	Gas	201.3.d	817,976,397	0.71664 *	0.03095	=			0.02218
19	Water	201.3.e	0						
20	Total (sum lines 17 - 19)		2,886,694,022						
RETURN (R)									
21		Long Term Interest (117, sum of 62.c through 67.c)			\$				37,685,490
22		Preferred Dividends (118.29.c) (positive number)							0
23	Development of Common Stock:	Proprietary Capital (112.16.c)							1,130,356,702
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)							1,130,356,702
27		(Note P)	\$	%	Cost				Weighted
27	Long Term Debt (112, sum of 18.c through 21.c)		706,720,000	38%	0.0533				0.0205 =WCLTD
28	Preferred Stock (112.3.c)		0	0%	0.0000				0.0000
29	Common Stock (line 26)		1,130,356,702	62%	0.1138				0.0700
30	Total (sum lines 27-29)		1,837,076,702						0.0905 =R
REVENUE CREDITS									
									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
33	Total of (a)-(b)								0
34	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)							\$	147,371
35	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note U)	(330.x.n)						\$	94,767
36	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES) (Note W)	(330.x.n)						\$	-

Formula Rate - Non-Levelized

For the 12 months ended: 12/31/2023

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: 12/31/2023

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
	TRANSMISSION PLANT			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	117,270,136	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	106,425,517	
	O&M EXPENSE			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	2,225,910	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	1.90%	1.90%
	GENERAL AND COMMON (G&C) DEPRECIATION AND AMORTIZATION EXPENSE			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	181,632	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.15%	0.15%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	569,306	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.49%	0.49%
9	Annual Allocation Factor for Expense	Sum of lines 4, 6 and 8		2.54%
	INCOME TAXES			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	1,705,216	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.60%	1.60%
	RETURN			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	8,076,132	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	7.59%	7.59%
14	Annual Allocation Factor for Return	Sum of lines 11 and 13		9.19%

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		\$ -		2.54%	\$ -	\$ -	9.19%	\$ -	\$ -	\$ -	\$ -	\$ -
1b		\$ -		2.54%	\$ -	\$ -	9.19%	\$ -	\$ -	\$ -	\$ -	\$ -
1c		\$ -		2.54%	\$ -	\$ -	9.19%	\$ -	\$ -	\$ -	\$ -	\$ -
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)
		Attachment H-22A Page, Line, Col.	Transmission	Allocator
	TRANSMISSION PLANT			
1	Gross Transmission Plant - Total	Att. H-22A, p 2, line 2, col 5 (Note A)	117,270,136	
2	Net Transmission Plant - Total	Att. H-22A, p 2, line 14, col 5 (Note B)	106,425,517	
	O&M EXPENSE			
3	Total O&M Allocated to Transmission	Att. H-22A, p 3, line 8, col 5	2,225,910	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	1.90%	1.90%
	GENERAL AND COMMON (G&C) DEPRECIATION AND AMORTIZATION EXPENSE			
5	Total G&C Depreciation and Amortization Expense	Att. H-22A, p 3, lines 10 & 11, col 5 (Note H)	181,632	
6	Annual Allocation Factor for G&C Depreciation and Amortization Expense	(line 5 divided by line 1, col 3)	0.15%	0.15%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Att. H-22A, p 3, line 20, col 5	569,306	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.49%	0.49%
9	Annual Allocation Factor for Expense	Sum of lines 4, 6 and 8		2.54%
	INCOME TAXES			
10	Total Income Taxes	Att. H-22A, p 3, line 29, col 5	1,705,216	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	1.60%	1.60%
	RETURN			
12	Return on Rate Base	Att. H-22A, p 3, line 30, col 5	8,076,132	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	7.59%	7.59%
14	Annual Allocation Factor for Return	Sum of lines 11 and 13		9.19%

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	\$ -	2.54%	\$ -	\$ -	9.19%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	2.54%	\$ -	\$ -	9.19%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	2.54%	\$ -	\$ -	9.19%	\$ -	\$ -	\$ -	\$ -	\$ -
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 18

For the 12 months ended: 12/31/2023

**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	\$ 91,631,884	\$ 55,425,410
2			
3	Less:		
4	FAS106 / ASC715	1,751,147	505,638
5	FAS109 / ASC740 - Gross-up on ITC	(78,058)	1,705,071
6	Solar ITC	-	5,135,704
7	Gross-up on Tax Reform EDIT & Amortization	57,041,606	17,006,205
8	Gross-up on State Tax Reform EDIT & Amortization	-	279,867
9	Electric Non-Utility & Non-Regulated	942,002	124,418
10	Total Subtracted from Account 190 Balance	\$ 59,656,697	\$ 24,756,903
11			
12	Adjusted Balances - To Page 2, Line 22	\$ 31,975,187	\$ 30,668,507
13			
14			
15	Account 282	DEO	DEK
16			
17	Per Books Total, Page 275, lines 2, 4 & 6, column k	\$ 674,343,800	\$ 241,961,189
18			
19	Less:		
20	Historical EDIT FAS109/ASC740 - Gross-ups Only	\$ 27,239,116	\$ 4,408,351
21	Historical EDIT FAS109/ASC740 - Excludes Gross-ups	(2,694,383)	(330,141)
22	Electric Non-Utility & Non-Regulated	1,670,346	23,929,238
23	Total Subtracted from Account 282 Balance	\$ 26,215,079	\$ 28,007,448
24			
25	Adjusted Balances - To Page 2, Line 20	\$ 648,128,721	\$ 213,953,741
26			
27			
28	Account 283	DEO	DEK
29			
30	Per Books Total, Page 277, lines 9 & 18, column k	\$ 46,200,476	\$ 25,097,565
31			
32	Less:		
33	FAS106 / ASC715	52,696	(793,720)
34	FAS109 / ASC740 - Gross-up	6,678,730	1,488,480
35	Electric Non-Utility & Non-Regulated	(63,386)	-
36	Total Subtracted from Account 283 Balance	\$ 6,668,040	\$ 694,760
37			
38	Adjusted Balances - To Page 2, Line 21	\$ 39,532,436	\$ 24,402,805

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102
Page 2 of 18
For the 12 months ended: 12/31/2023

**Materials and Supplies
Allocation of Account 163**

Line No.	Description	M&S Assigned to		Total M&S	Percentage	Account 163 ⁽⁴⁾	Total M&S ⁽¹⁾
		M&S ⁽²⁾	Construction ⁽³⁾				
1	Duke Energy Ohio						
2							
3	Production	\$ -	\$ -	\$ -	0.00%	\$ -	
4	Transmission	2,142,519	26,231,180	28,373,699	26.31%	1,157,426	\$ 29,531,125
5	Distribution	8,548,101	59,129,269	67,677,370	62.75%	2,760,710	
6	Gas	-	11,803,155	11,803,155	10.94%	481,477	
7	Total M&S	<u>\$ 10,690,620</u>	<u>\$ 97,163,604</u>	<u>\$ 107,854,224</u>	<u>100.00%</u>	<u>\$ 4,399,613</u>	
8							
9							
10	Duke Energy Kentucky						
11							
12	Production	\$ 21,095,936	\$ 3,349,791	\$ 24,445,727	96.04%	\$ 1,777,694	
13	Transmission	22	381	403	0.0016%	29	\$ 432
14	Distribution	315,405	692,984	1,008,389	3.96%	73,330	
15	Total M&S	<u>\$ 21,411,363</u>	<u>\$ 4,043,156</u>	<u>\$ 25,454,519</u>	<u>100.00%</u>	<u>\$ 1,851,053</u>	

⁽¹⁾ To Page 2, Line 28

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

⁽³⁾ Source FERC Form 1, page 227, line 5, column (c)

⁽⁴⁾ 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: 12/31/2023

Detail of Land Held for Future Use

Line No.	Description	Transmission Related ⁽²⁾	Non-Transmission Related	Reported on FERC Form 1
1	Duke Energy Ohio ⁽¹⁾			
2	Other Projects	\$ (1,997)	\$ 2,324,204	\$ 2,322,208
3	Duke Energy Kentucky ⁽¹⁾			
4	Other Projects	\$ -	\$ -	\$ -

⁽¹⁾ Source: FERC Form 1, Page 214

⁽²⁾ Balances to Page 2, Line 26

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2023

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

Line No.	Description	Source	DEO	DEK
1	General Advertising - 930.1	Form 1, P.323.191, col. b	\$ 567,891	\$ 129,198
2	Regulatory Commission Expense	Form 1, P.351, col. h	2,003,853	576,839
3	Ohio Consumers' Counsel	Form 1, P.351, col. h	319,094	-
4	PUCO - Division of Forecasting	Form 1, P.351, col. h	111,655	-
5	Request for Rate Increase & Other Misc Exp	Form 1, P.351, col. h	182,042	158,675
6	Transmission Related Regulatory Legal Expense	Form 1, P.351, col. h	217,061	8,030
7				
8	Electric Power Research Institute	Form 1, P.353, col. f	\$ 131,277	\$ 94,881
9	Less amounts recorded in a transmission account	FERC Account 566	107,358	6,553 (1)
10	Less amounts recorded in a non-formula related account	FERC Account 506	5,341	18,032
11	Total Electric Power Research Institute		<u>\$ 18,578</u>	<u>\$ 70,296</u>
12				
13	Subtotal		\$ 3,420,174	\$ 943,038
14				
15	Amount of Safety Related Advertising in Account 930.1		-	-
16				
17	Non-Safety Adv., Reg. Comm. Exp. & EPRI - To Page 3, Line 5		<u>\$ 3,420,174</u>	<u>\$ 943,038</u>

(1) To Page 3, Line 1c

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2023

A&G Expense

Line No.	Description	DEO	DEK
1	A&G Expense, Page 323, line 197, column b	\$ 49,306,264	\$ 24,047,481
2	Less: Non-Deductible Dues in Accounts 921 and 930	\$ 18,312	\$ 5,697
3	Less: Gas BU Charges in Account 923	-	6,503
4	Less: Donations in Accounts 921	<u>1,188</u>	<u>229</u>
5	Subtotal	<u>\$ 19,500</u>	<u>\$ 12,429</u>
6	Adjusted A&G Expense - To Page 3, Line 3	<u>\$ 49,286,764</u>	<u>\$ 24,035,052</u>

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2023

State Tax Composite Rate

Line No.	Description	DEO	DEK
1	Revenue Requirement	\$ 224,281,859	\$ 14,892,962
2	Tax Rate	0.00%	5.00%
3	State Taxes	\$ -	\$ 744,648
4	Composite Tax Rate	0.00%	5.00%

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2023

Determination of Transmission Plant Included in OATT Ancillary Services

Line No.	Description	DEO	DEK
1	Total Generation Step-up Transformers	\$ -	\$ 17,306,908
2	Distribution Use	-	-
3	Transmission Plant Included in OATT Ancillary Services - To Page 4, Line 3	<u>\$ -</u>	<u>\$ 17,306,908</u>

Duke Energy Ohio and Duke Energy Kentucky

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 For the 12 months ended: 12/31/2023

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	\$ 14,568,785	\$ 1,872,614
2			
3	Less: Other Electric Revenue in Line 1 Total above	9,937,163	1,108,403
4			
5	Total Revenue Available for Credit Calculation	\$ 4,631,622	\$ 764,211
6			
7	Tower Lease Revenues in Line 1 Total above	\$ 106,540	\$ 14,333
8			
9	Backup Delivery Service - Transmission	\$ 217,056	\$ 88,529
10			
11	Rent from Electric Property in Line 1 Total above	\$ 4,308,026	\$ 661,349
12	Portion Attributable to Transmission (Exhibit No. DUK-102, Page 15)	5.79%	6.73%
13	Rent from Electric Property Attributable to Transmission	\$ 249,435	\$ 44,509
14			
15	Total Account 454 - To Page 4, Line 34	\$ 573,031	\$ 147,371
16			
17			
18			
19			
		Account 456.1	
		DEO	DEK
20	Total Account 456.1 Per Books Total, Page 300, line 22, column b	\$ 35,685,801	\$ 3,288,733
21			
22	Less: Transmission Revenues - Load not in Divisor		
23	Sch 4 - Day-Ahead Load Response Charge Allocation	\$ (143,611)	\$ -
24	Sch 4 - Real-Time Load Response Charge Allocation	(10,614)	-
25	Sch 8 - Non-Firm PTP	283,317	67,709
26	Sch 9 - NITS	32,231,931	-
27	Sch 26 - MTEP Project Cost Recovery - To Page 4, Line 36	1,619,624	-
28	PJM Customer Payment Default	3,316	-
29	Facilities Charges	182,844	53,473
30	Other Transmission Revenues - FTR's	-	3,072,784
31	Miscellaneous	31,841	-
32	Total Transmission Revenues - Load not in Divisor	\$ 34,198,648	\$ 3,193,966
33			
34	Total Account 456.1 - To Page 4, Line 35	\$ 1,487,153	\$ 94,767

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2023

**Duke Energy Ohio Consolidated
Capital Structure
December 31, 2023
(In Dollars)**

Line No.	Description	Parent DE Ohio Holding Co.
1	Total Proprietary Capital, page 112, line 16, column c	\$ 5,110,750,326
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>\$ 4,363,831,679</u>

Duke Energy Ohio and Duke Energy Kentucky

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For the 12 months ended: 12/31/2023

2023 DEOK MONTHLY TRANSMISSION SYSTEM PEAKS (KILOWATTS)

<u>Line No.</u>	<u>Month</u>	<u>Monthly Peak⁽¹⁾</u>
1	Jan	3,755,000
2	Feb	3,885,000
3	Mar	3,708,000
4	Apr	3,199,000
5	May	4,286,000
6	Jun	4,555,000
7	Jul	4,883,000
8	Aug	5,135,000
9	Sep	4,845,000
10	Oct	4,033,000
11	Nov	3,847,000
12	Dec	<u>3,726,000</u>
13	Total	49,857,000
14	Average	<u>4,154,750</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
2024 OATT Annual Update
Worksheet for Derivation of PBOP Expense
Included in 2023 FERC Form 1 Data

Exhibit No. DUK-102
Page 11 of 18
For the 12 months ended: 12/31/2023

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					
2		Duke Energy - All Legacy Postretirement Welfare Plans				
3		Net Periodic Benefit Cost - Service Cost	\$ 107,078	\$ 616,015		Actuarial Valuation Report December 31, 2023 Disclosure and Fiscal 2024 Net Periodic Benefit Cost for Duke Energy Ohio and Duke Energy Kentucky Retirement Plans Page 12
4		Long-term Disability Expense				
5		Adjustment to Reflect (Gains) and Losses	497,860	1,192,967		Duke Energy Actuarial Valuation Report Postemployment Benefit Obligation as of December 31, 2022 Under US GAAP and Employer Cash Flow For Fiscal Year Ending December 31, 2023 LTD_FAS 112 Summary Page 19
6		Accrual for Future Disableds	<u>1,208,000</u>	<u>3,624,000</u>		
7						
8		Total Service Cost and Long-Term Disability Expense	<u>\$ 1,812,938</u>	<u>\$ 5,432,982</u>		
9						
10		O&M Percentage	30.73%	51.55%		Actual O&M / Capital Split for YE 2023
11		Electric Only Percentage	73.39%			DEO 2023 Allocation Stat Percentages Table
12		Percent DEBS Allocation to DEO (Electric only)		9.78%		Service Company Labor Allocation to DEO for 2023
13		Adjustment to Transfer Expense to/from Duke Affiliates			\$ 166,859	
14						
15		PBOP Expense O&M for DEO (Line 8 * Line 10 * (Line 11 or Line 12))	<u>\$ 408,867</u>	<u>\$ 273,910</u>	<u>\$ 682,777</u>	
16						
17		Total DEO Direct and Allocated PBOP Expense (Benefit cost pool)			<u>\$ 849,636</u>	
18						
19		Duke Energy - All Legacy Postretirement Welfare Plans				
20		Net Periodic Benefit Cost - Non-Service Cost	\$ (706,791)	\$ (1,755,811)		Actuarial Valuation Report December 31, 2023 Disclosure and Fiscal 2024 Net Periodic Benefit Cost for Duke Energy Ohio and Duke Energy Kentucky Retirement Plans Page 12
21		Purchase Accounting Amortization	<u>915,322</u>			Year End 2015 Footnote Disclosures - Prepurchase Accounting
22		Total Non-Service Cost and Purchase Accounting Amortization	<u>\$ 208,531</u>	<u>\$ (1,755,811)</u>		
23						
24		Electric Only Percentage	73.39%			DEO 2023 Allocation Stat Percentages Table
25		Percent DEBS Allocation to DEO (Electric only)		3.69%		2023 DGF per Cost Allocation Manual (CAM)
26						
27		PBOP Expense O&M for DEO - Non-Service Cost Including Purchase Accounting Amortization (Line 22 * (Line 24 or Line 25))	<u>\$ 153,041</u>	<u>\$ (64,789)</u>	<u>\$ 88,252</u>	
28						
29						
30		Total DEO PBOP Expense - FERC Account 926 (To page 3 of 6, Line 3a)			<u>\$ 937,888</u>	

**Duke Energy Kentucky
2024 OATT Annual Update
Worksheet for Derivation of PBOP Expense
Included in 2023 FERC Form 1 Data**

Exhibit No. DUK-102
Page 12 of 18
For the 12 months ended: 12/31/2023

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	\$ 34,501	\$ 616,015		Actuarial Valuation Report December 31, 2023 Disclosure and Fiscal 2024 Net Periodic Benefit Cost for Duke Energy Ohio and Duke Energy Kentucky Retirement Plans Page 12
4		Long-term Disability Expense				
5		Adjustment to Reflect (Gains) and Losses	(384,618)	1,192,967		Duke Energy Actuarial Valuation Report Postemployment Benefit Obligation as of December 31, 2022 Under US GAAP and Employer Cash Flow For Fiscal Year Ending December 31, 2023 LTD_FAS 112 Summary Page 19
6		Accrual for Future Disableds	151,000	3,624,000		
7						
8		Total Service Cost and Long-Term Disability Expense	\$ (199,117)	\$ 5,432,982		
9						
10		O&M Percentage	48.46%	56.41%		Actual O&M / Capital Split for YE 2023
11		Electric Only Percentage	73.84%			DEK 2023 Allocation Stat Percentages Table
12		Percent DEBS Allocation to DEK (Electric only)		2.94%		Service Company Labor Allocation to DEK for 2023
13		Adjustment to Transfer Expense to/from Duke Affiliates			\$ 107,600	
14						
15		PBOP Expense O&M for DEK (Line 8 * Line 10 * (Line 11 or Line 12))	\$ (71,250)	\$ 90,106	\$ 18,856	
16						
17		Total DEK Direct and Allocated PBOP Expense (Benefit cost pool)			\$ 126,456	
18						
19		Duke Energy - All Legacy Postretirement Welfare Plans				
20		Net Periodic Benefit Cost - Non-Service Cost	\$ (405,658)	\$ (1,755,811)		Actuarial Valuation Report December 31, 2023 Disclosure and Fiscal 2024 Net Periodic Benefit Cost for Duke Energy Ohio and Duke Energy Kentucky Retirement Plans Page 12
21		Purchase Accounting Amortization	149,797			Year End 2015 Footnote Disclosures - Prepurchase Accounting
22		Total Non-Service Cost and Purchase Accounting Amortization	\$ (255,861)	\$ (1,755,811)		
23						
24		Electric Only Percentage	73.84%			DEK 2023 Allocation Stat Percentages Table
25		Percent DEBS Allocation to DEK (Electric only)		1.14%		2023 DGFI 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))	\$ (188,928)	\$ (20,016)	\$ (208,944)	
28						
29						
30		Total DEK PBOP Expense - FERC Account 926 (To page 3 of 6, Line 3a)			\$ (82,488)	

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102

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For the 12 months ended: 12/31/2023

Schedule 1A - Annual MWh

Line No.	Transaction Type	Seller	MWh
1	Default Supplier Load	BETDUK	(182,287)
2		BPDEO	(45,572)
3		CEDDPR	(830,978)
4		CONP40	(182,287)
5		DEOSSO	(524,074)
6		DTTDEO	(177,447)
7		EPPDPR	(68,357)
8		ETDUKE	(59,149)
9		FESDPN	(455,717)
10		FRDKOH	(177,447)
11		HARDOL	(177,447)
12		NEEDEO	(2,059,532)
13		PLRRDK	(295,746)
14	Total Default Supplier Load		(5,236,040)
15			
16	De-rated Losses		(277,168)
17			
18	Retail Load Responsibility		(14,399,972)
19			
20	Wholesale Load Responsibility	AMPGEO	(46,770)
21		AMPHAM	(654,803)
22		AMPLEB	(367,619)
23		AMPWTN	(37,796)
24		BUCK	(232,294)
25		DEK	(3,956,909)
26		EKPC	(130,918)
27		EPVOBO	(26,523)
28		EPVOHO	(5,897)
29		EPVORO	(16,687)
30		IMPA	(59,539)
31	Total Wholesale Load Responsibility		(5,535,757)
32			
33	Grand Total (to Appendix A, line 4)		(25,448,937)

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: 12/31/2023

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 2022	January 2023	\$ (371,464.17)	\$ (15,238.98)	\$ (386,703.15)	\$ (386,703.15)	0.00	0.00
2	January 2023	February	(356,720.59)	(15,631.80)	(372,352.39)	(372,352.17)	0.22	0.22
3	February	March	(309,100.90)	(14,655.39)	(323,756.29)	(323,756.29)	0.00	0.22
4	March	April	(333,609.97)	(15,009.45)	(348,619.42)	(348,619.42)	0.00	0.22
5	April	May	(295,458.83)	(12,780.66)	(308,239.49)	(308,239.49)	0.00	0.22
6	May	June	(322,342.45)	(14,315.83)	(336,658.28)	(336,658.28)	0.00	0.22
7	June	July	(342,419.25)	(20,039.67)	(362,458.92)	(362,458.92)	0.00	0.22
8	July	August	(408,263.55)	(19,176.54)	(427,440.09)	(427,440.09)	0.00	0.22
9	August	September	(402,010.05)	(21,684.45)	(423,694.50)	(423,694.50)	0.00	0.22
10	September	October	(335,781.72)	(17,755.67)	(353,537.39)	(353,537.39)	0.00	0.22
11	October	November	(304,751.79)	(11,627.42)	(316,379.21)	(316,379.21)	0.00	0.22
12	November	December	\$ (312,426.84)	\$ (14,386.27)	\$ (326,813.11)	\$ (326,813.11)	0.00	0.22
13								
14	Attachment H-22A, Appendix A - Line 2			\$ (192,302.13)				

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: 12/31/2023

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

Line No.	Counts	DEO		DEK	
		Transmission	Distribution	Transmission	Distribution
1	Poles	25,335	413,203	5,505	76,313
2	Towers	6	5	-	-
3	Structures	53	74	-	3
4	Total	25,394	413,282	5,505	76,316
5					
6	Portion Attributable to Transmission	5.79% ⁽¹⁾	94.21%	6.73% ⁽¹⁾	93.27%

⁽¹⁾ To Exhibit No. DUK-102, Pg. 8, Line 12

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102
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 For the 12 months ended: 12/31/2023

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	\$ 9,448,382	\$ 2,693,777
2				
3	561.8	Reliability, Planning and Standards Development Services, Page 321, line 92, col b	<u>14,145,854</u>	<u>1,987,145</u>
4				
5		Total LSE Expenses Included in Transmission O&M	\$ 23,594,236	\$ 4,680,922
6				
7		TE Allocator	<u>90.334%</u>	<u>85.681%</u>
8				
9		LSE Expense Allocated to Transmission To Page 3, Line 1a	<u>\$ 21,313,617</u>	<u>\$ 4,010,661</u>

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102
Page 17 of 18
For the 12 months ended: 12/31/2023

Prepayments - Account 165

Line No.	Description	DEO	DEK
1	Prepayments (165), Page 111, line 57, column c	\$ 272,640	\$ 415,920
2	Less: Gas BU Charges in Account 165	<u>38,858</u>	<u>102,659</u>
3	Adjusted Prepayments (165) - To Page 2, Line 29	<u>\$ 233,782</u>	<u>\$ 313,261</u>

Duke Energy Ohio and Duke Energy Kentucky

Exhibit No. DUK-102
Page 18 of 18
For the 12 months ended: 12/31/2023

Permanent Tax Basis Differences Including AFUDC Equity

Line No.	Description	Source	DEO	DEK
1	Permanent Tax Basis Differences Including AFUDC Equity	Company Books	\$ 6,577,739	\$ 389,807
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>\$ 1,381,325</u>	<u>\$ 97,257</u> (1)

(1) To Page 3, line 25b