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April 30, 2021

Ms. Tanowa Troupe, Secretary  
Public Utilities Commission of Ohio  
180 East Broad Street, 11<sup>th</sup> Floor  
Columbus, Ohio 43215

Re: Case No. 20-1530-EL-RDR  
Case No. 89-6002-EL-TRF

Pursuant to the Public Utilities Commission of Ohio's (Commission) Opinion and Order in Case No.17-1263-EL-SSO, Duke Energy Ohio, Inc., submits herein the required schedules and tariff pages related to the update of its Distribution Capital Investment Rider (Rider DCI).<sup>1</sup>

As part of the approval of Rider DCI, the Commission ordered that quarterly filings be made, with such filings automatically approved. The Commission further ordered that Rider DCI be audited annually, with the August quarterly filing. Consistent therewith, this update to the Rider DCI rate will be implemented with the first billing cycle of July 2021. The proposed Rider DCI rate is based on investment data from the FERC Form 3Q and Form 1, for the first quarter of 2021 and is supported by two attachments. Attachment A is the proposed tariff sheet reflecting the revised Rider DCI rate and Attachment B contains the schedules and workpapers supporting the calculation of the proposed Rider DCI rate. The attached schedules demonstrate that the revenue collected in the first quarter was below the permitted cap for 2021.

Should you have any questions please feel free to contact me.

Respectfully submitted,

/s/ Larisa M. Vaysman

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<sup>1</sup> *In the Matter of the Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to R.C. 4928.143 in the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service*, Case No. 17-1263-EL-SSO, *et al.*, Opinion and Order, at pp. 38-41 (December 19, 2018).

Duke Energy Ohio  
139 East Fourth Street  
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19  
Sheet No. 103.24  
Cancels and Supersedes  
Sheet No. 103.23  
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**RIDER DCI  
DISTRIBUTION CAPITAL INVESTMENT RIDER**

Applicable to all retail jurisdictional customers in the Company's electric service areas including those customers taking generation service from a Competitive Retail Electric Service Providers. This tariff does not apply to customers taking service under Rate TS, service at transmission voltage.

All retail jurisdictional customers shall be assessed a charge of 18.626% of the customer's applicable base distribution charges (*i.e.*, customer charge plus base distribution charge) to recover the revenue requirement associated with incremental distribution capital costs incurred by the Company. This Rider shall be adjusted periodically to recover amounts authorized by the Commission.

This Rider is subject to reconciliation, including, but not limited to, refunds or additional charges to customers, ordered by the Commission as the result of audits by the Commission in accordance with the December 19, 2018, Opinion and Order in Case Nos. 17-1263-EL-SSO, et al., or based upon the impact to the rates recovered through the rider due to changes in federal corporate income taxes, including the Tax Cuts and Jobs Act of 2017 and pursuant to an order by the Commission directing changes to this rider as a result of the Commission's investigation in Case No. 18-47-AU-COI.

Filed pursuant to an Order dated December 19, 2018 in Case No. 17-1263-EL-SSO before the Public Utilities Commission of Ohio.

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Issued: April 30, 2021

Effective: July 1, 2021

Issued by Amy B. Spiller, President

**Duke Energy Ohio**  
**Revenue Requirement for Rider DCI**  
**Case No. 20-1530**

Line	Description	June 30, 2016	March 31, 2021	Reference
1	Gross Distribution Plant	\$2,278,714,295	\$3,066,790,818	Pages 2 & 3
2	Accumulated Depreciation on Distribution Plant	747,093,755	690,541,665	Pages 4 & 5
3	Net Distribution Plant in Service	\$1,531,620,540	\$2,376,249,153	
4	ADIT and EDIT on Distr Plant	(\$433,073,370)	(\$531,039,929)	Pages 6 & 7
5	Capitalized Incentives Accrued Since 6/30/16	\$0	(\$1,825,231)	Page 13
6	Distribution Rate Base for Rider DCI	<u><b>\$1,098,547,170</b></u>	<u><b>\$1,843,383,992</b></u>	Line (3) + Line (4) + Line (5)
7	Return on Rate Base (Pre-Tax %) (1)	10.32%	8.94% Base 35% FIT & Current 21% FIT	
8	Return on Rate Base (Pre-Tax)	\$113,370,068	\$164,798,529	Line (6) * Line (7)
9	Depreciation Expense	\$56,812,629	\$80,536,701	Page 8
10	Property Tax Expense (Excludes M&S)	<u>\$87,930,155</u>	<u>\$130,564,149</u>	Page 9
11	Revenue Requirement Before CAT	\$258,112,852	\$375,899,379	Line (8) + Line (9) + Line (10)
12	Change in Revenue Requirement		\$117,786,527	Line (11) <sub>current</sub> - Line (11) <sub>base</sub>
13	Incremental Commercial Activities Tax		\$307,043	{(1/(1-CAT)-1) * Line (12)}
14	Total Rider DCI Revenue Requirement		\$118,093,570	Line (12) + Line (13)
15	Tree Trimming Adjustment 18-1036-EL-RDR (2)		(\$304,951)	Page 15
16	2021 Cap Adjustment (3)		(\$33,588,619)	
17	Adjusted Total Rider DCI Revenue Requirement		\$84,200,000	Line (14) + Line (15) + Line (16)
18	Annual Base Distribution Revenue (4)		<u><u>\$452,055,948</u></u>	
19	DEO Percentage of Base Distribution Revenue		<u><u><b>18.626%</b></u></u>	Line (17) ÷ Line (18)

Notes: (1) Return on Rate Base (Pre-Tax %) set per Stipulation in Case No. 17-32-EL-AIR.  
Upon the *Tax Cut and Jobs Act of 2017* becoming law the Return on Rate Base (Pre-Tax %)  
has been adjusted to reflect a reduction of the Corporate tax rate from 35% to 21%.

(2) Total Audit adjustment per page 7 of the Stipulation and Recommendation  
as filed in Case No. 18-1036-EL-RDR

(3) 2021 Cap adjustment is based on recognition of the revenue caps established  
in Case No. 17-1263-EL-SSO.

(4) Total retail distribution revenue from Stipulation Attachment D as filed and approved  
in Case No. 17-32-EL-AIR, et al. less transmission and miscellaneous revenue.

**Duke Energy Ohio**  
**Plant in Service Summary by Major Property Groupings (As of March 31, 2021)**

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted Total Company
	FERC	Company				
Distribution Accounts						
1	360	3600	Land and Land Rights <sup>(b) (c)</sup>	\$19,873,468	(\$1,116,588)	\$18,756,880
2	360	3601	Rights of Way	\$28,099,077		28,099,077
3	361	3610	Structures and Improvements	\$23,483,360		23,483,360
4	362	3620	Station Equipment	\$298,904,508		298,904,508
5	362	3622	Major Equipment	\$142,691,563		142,691,563
6	363	3635	Station Equipment Electronic	\$10		10
7	364	3640	Poles, Towers & Fixtures	\$398,246,199		398,246,199
8	365	3650, 3651	Overhead Conductors and Devices	\$730,095,195		730,095,195
9	366	3660	Underground Conduit	\$174,382,247		174,382,247
10	367	3670	Underground Conductors and Devices	\$476,590,722		476,590,722
11	368	3680, 3681	Line Transformers	\$447,421,004		447,421,004
12	368	3682	Customer Transformer Installations	\$3,755,297		3,755,297
13	369	3691	Services - Underground	\$34,034,806		34,034,806
14	369	3692	Services - Overhead	\$98,832,650		98,832,650
15	370	3700	Meters	\$0		0
16	370	3700	Meter Instrument Transformers	\$15,726,189		15,726,189
17	370	3701	Leased Meters	\$0		0
18	370	3701	Leased Meter Instrument Transformers	\$0		0
19	370	3702	AMI Meters	\$117,257,835		117,257,835
20	370	3703	Echelon AMI Meters	\$508,058		508,058
21	371	3710	Installations on Customers' Premises	\$494,645		494,645
22	371	3712	Company Owned Outdoor Light <sup>(a)</sup>	\$6,625,392	(\$6,625,392)	0
23	372	3720	Leased Property on Customers' Premises	\$102,503		102,503
24	373	3730	Street Lighting <sup>(a)</sup>	\$3,677,766	(\$3,677,766)	0
25	373	3731	Street Lighting - Overhead	\$14,891,579		14,891,579
26	373	3732	Street Lighting - Boulevard	\$27,598,629		27,598,629
27	373	3733	Light Security OL POL Flood	\$14,917,864		14,917,864
28	373	3734	Light Choice OLE - Public <sup>(a)</sup>	\$20,118,138	(\$20,118,138)	0
29				\$3,098,328,702	(\$31,537,884)	\$3,066,790,818

Notes: (a) Echelon meters and tariffed street lights

(b) Adjustment recommended per Case No. 20-1205-EL-RDR Annual Rider DCI Audit report.

(c) Adjustment to remove land held for future use.

**Duke Energy Ohio**  
**Plant in Service Summary by Major Property Groupings (As of June 30, 2016)**

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted
	FERC	Company				Total Company
Distribution Accounts						
1	360	3600	Land and Land Rights	\$13,138,936		\$13,138,936
2	360	3601	Rights of Way	\$26,286,892		26,286,892
3	361	3610	Structures and Improvements	\$19,163,278		19,163,278
4	362	3620	Station Equipment <sup>(b)</sup>	\$212,274,477	(\$9,470)	212,265,007
5	362	3622	Major Equipment	\$115,663,252		115,663,252
6	362	3635	Station Equipment Electronic	\$0		0
7	364	3640	Poles, Towers & Fixtures <sup>(b)</sup>	\$309,688,484	(\$1,925)	309,686,559
8	365	3650, 3651	Overhead Conductors and Devices	\$556,919,666		556,919,666
9	366	3660	Underground Conduit	\$113,261,755		113,261,755
10	367	3670	Underground Conductors and Devices	\$344,816,482		344,816,482
11	368	3680, 3681	Line Transformers	\$332,913,015		332,913,015
12	368	3682	Customer Transformer Installations	\$3,755,296		3,755,296
13	369	3691	Services - Underground	\$5,525,489		5,525,489
14	369	3692	Services - Overhead	\$81,827,784		81,827,784
15	370	3700	Meters	\$0		0
16	370	3700	Meter Instrument Transformers	\$7,409,920		7,409,920
17	370	3701	Leased Meters	\$385,629		385,629
18	370	3701	Leased Meter Instrument Transformers	\$5,672,328		5,672,328
19	370	3702	Utility of the Future Meters <sup>(a)</sup>	\$71,798,132	(\$68,730,098)	3,068,034
20	370	3702	Echelon AMI Meters <sup>(a)</sup>	\$0	\$68,730,098	68,730,098
21	371	3710	Installations on Customers' Premises	\$0		0
22	371	3712	Company Owned Outdoor Light <sup>(a)</sup>	\$732,923	(\$732,923)	0
23	372	3720	Leased Property on Customers' Premises	\$102,503		102,503
24	373	3730	Street Lighting <sup>(a)</sup>	\$2,004,201	(\$2,004,201)	0
25	373	3731	Street Lighting - Overhead	\$15,300,749		15,300,749
26	373	3732	Street Lighting - Boulevard	\$27,727,622		27,727,622
27	373	3733	Light Security OL POL Flood	\$15,094,001		15,094,001
28	373	3734	Light Choice OLE - Public <sup>(a)</sup>	\$10,326,930	(\$10,326,930)	0
29				\$2,291,789,744	(\$13,075,449)	\$2,278,714,295

Notes: (a) Echelon meters and tariffed street lights

(b) Adjustments made per Stipulation in Case No. 17-0032-EL-AIR

**Duke Energy Ohio**  
**Accumulated Depreciation by Major Property Groupings (As of March 31, 2021)**

Line No.	Account Number		Account Title	Per Books <sup>(b)</sup>	Adjustments	Adjusted Total Company
	FERC	Company				
Distribution Accounts						
1	360	3600	Land and Land Rights	\$3,651		\$3,651
2	360	3601	Rights of Way	5,723,982		\$5,723,982
3	361	3610	Structures and Improvements	5,905,223		\$5,905,223
4	362	3620	Station Equipment	77,762,244		\$77,762,244
5	362	3622	Major Equipment	53,243,138		\$53,243,138
6	363	3635	Dist Station Equip Elec	1		\$1
7	364	3640	Poles, Towers & Fixtures	108,840,153		\$108,840,153
8	365	3650, 3651	Overhead Conductors and Devices	53,867,031		\$53,867,031
9	366	3660	Underground Conduit	43,650,034		\$43,650,034
10	367	3670	Underground Conductors and Devices	107,481,386		\$107,481,386
11	368	3680, 3681	Line Transformers	140,407,454		\$140,407,454
12	368	3682	Customer Transformer Installations	3,052,236		\$3,052,236
13	369	3691	Services - Underground	14,088,092		\$14,088,092
14	369	3692	Services - Overhead	56,634,996		\$56,634,996
15	370	3700	Meters	10,091,670		\$10,091,670
16	370	3700	Meter Instrument Transformers	5,423,621		\$5,423,621
17	370	3701	Leased Meters	3,649,043		\$3,649,043
18	370	3701	Leased Meter Instrument Transformers	150,442		\$150,442
19	370	3702	AMI Meters	14,286,048		\$14,286,048
20	370	3703	Echelon AMI Meters	(24,495,042)		(\$24,495,042)
21	371	3710	Installations on Customers' Premises	31,114		\$31,114
22	371	3712	Company Owned Outdoor Light <sup>(a)</sup>	(735,311)	735,311	\$0
23	372	3720	Leased Property on Customers' Premises	(38,952)		(\$38,952)
24	373	3730	Street Lighting <sup>(a)</sup>	(73,679)	73,679	\$0
25	373	3731	Street Lighting - Overhead	15,651,411		\$15,651,411
26	373	3732	Street Lighting - Boulevard	11,440,424		\$11,440,424
27	373	3733	Light Security OL POL Flood	10,907,042		\$10,907,042
28	373	3734	Light Choice OLE - Public <sup>(a)</sup>	2,641,356	(2,641,356)	\$0
29		108	Retirement Work in Progress <sup>(c)</sup>	(27,225,906)	11,128	(\$27,214,778)
30				\$692,362,903	(\$1,821,238)	\$690,541,665

Notes: (a) Echelon meters and tariffed street lights

(b) FERC B

(c) Retirement Work in Progress adjustment made per Stipulation in Case No. 19-1287-EL-RDR. See page 16.

**Duke Energy Ohio**  
**Accumulated Depreciation by Major Property Groupings (As of June 30, 2016)**

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted Total Company
	FERC	Company				
Distribution Accounts						
1	360	3600	Land and Land Rights	\$2,754		2,754
2	360	3601	Rights of Way	\$4,027,028		4,027,028
3	361	3610	Structures and Improvements	\$4,461,821		4,461,821
4	362	3620	Station Equipment <sup>(b)</sup>	\$76,841,335	(\$265,144)	76,576,191
5	362	3622	Major Equipment <sup>(b)</sup>	\$43,955,677	(\$67,506)	43,888,171
6	363	3635	Dist Station Equip Elec	\$0		0
7	364	3640	Poles, Towers & Fixtures <sup>(b)</sup>	\$124,853,252	(\$169)	124,853,083
8	365	3650, 3651	Overhead Conductors and Devices	126,876,467		126,876,467
9	366	3660	Underground Conduit	43,376,369		43,376,369
10	367	3670	Underground Conductors and Devices	93,833,245		93,833,245
11	368	3680, 3681	Line Transformers	147,962,151		147,962,151
12	368	3682	Customer Transformer Installations	2,637,652		2,637,652
13	369	3691	Services - Underground	2,537,125		2,537,125
14	369	3692	Services - Overhead	46,533,748		46,533,748
15	370	3700	Meters	(6,753,931)		(6,753,931)
16	370	3700	Instrumentation Transformers	2,204,858		2,204,858
17	370	3701	Leased Meters	(718,804)		(718,804)
18	370	3701	Instrumentation Transformers	994,857		994,857
19	370	3702	Utility of the Future Meters <sup>(a)</sup>	19,487,051	(19,505,785)	(18,734)
20	370	3702	Echelon AMI Meters <sup>(a)</sup>	0	19,505,785	19,505,785
21	371	3710	Installations on Customers' Premises	10,635		10,635
22	371	3712	Company Owned Outdoor Light <sup>(a)</sup>	(298,114)	298,114	0
23	372	3720	Leased Property on Customers' Premises	(58,390)		(58,390)
24	373	3730	Street Lighting <sup>(a)</sup>	(432,366)	432,366	0
25	373	3731	Street Lighting - Overhead	12,340,799		12,340,799
26	373	3732	Street Lighting - Boulevard	8,700,863		8,700,863
27	373	3733	Light Security OL POL Flood	8,085,172		8,085,172
28	373	3734	Light Choice OLE - Public <sup>(a)</sup>	(169,815)	169,815	0
29		108	Retirement Work in progress <sup>(b)</sup>	(15,595,160)	830,000	(14,765,160)
30				\$745,696,279	\$1,397,476	\$747,093,755

Notes: (a) Echelon meters and tariffed street lights

(b) Adjustments made per Stipulation in Case No. 17-0032-EL-AIR

**Duke Energy Ohio**  
**Plant Related Accumulated Deferred Income Taxes (March 31, 2021)**

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted Total Company
	FERC	Company				
Account 282						
1	282	282.XXX	263A	\$ (58,242,746)	\$0	(\$58,242,746)
2	282	282.XXX	AFUDC Debt	(1,913,083)	0	(1,913,083)
3	282	282.XXX	Casualty Loss	(6,855,214)	0	(6,855,214)
4	282	282.XXX	CIAC	16,739,475	0	16,739,475
5	282	282.XXX	CWIP Differences	(903,400)	0	(903,400)
6	282	282.XXX	FAS109	(22,158,900)	22,158,900	0
7	282	282.XXX	Miscellaneous	4,251,295	0	4,251,295
8	282	282.XXX	Non-Cash Overheads	10,415,674	0	10,415,674
9	282	282.XXX	Section 174	(371,988)	371,988	0
10	282	282.XXX	Software	0	0	0
11	282	282.XXX	TCJA EDIT Balance	175,256,901	0	175,256,901
12	282	282.XXX	Tax Depreciation	(394,307,643)	0	(394,307,643)
13	282	282.XXX	Tax Expensing	(104,103,595)	0	(104,103,595)
14	282	282.XXX	TIC	3,879,307	0	3,879,307
15	Total Plant-Related Accumulated Deferred Income Tax (a)			\$ (378,313,917)	\$ 22,530,889	\$ (355,783,028)
16	Total Plant-Related Excess Deferred Income Tax (a) (b)			\$ (197,439,631)	\$ 22,182,730	\$ (175,256,901)
17	Total Plant-Related ADIT and EDIT			\$ (575,753,548)	\$ 44,713,619	\$ (531,039,929)

Notes: (a) The Plant-Related Accumulated Deferred Income Tax (ADIT) amounts and Excess Deferred Income Tax (EDIT) presented are after adjustments from the *Tax Cuts and Jobs Act of 2017*. As part of tax reform portions of the ADIT amounts were reclassified as regulatory liabilities that would also be deducted from net plant for purposes of calculating net rate base.

(b) Detail support for adjustment related to amortization of the EDIT balance is on Page 14



**Duke Energy Ohio**  
**Plant Related Accumulated Deferred Income Taxes (June 30, 2016)**

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted Total Company
	FERC	Company				
Account 282						
1	282	282.XXX	263A	(\$55,636,594)	\$0	(\$55,636,594)
2	282	282.XXX	AFUDC Debt	(2,112,782)	0	(2,112,782)
3	282	282.XXX	Casualty Loss	(14,695,573)	0	(14,695,573)
4	282	282.XXX	CIAC	18,639,433	0	18,639,433
5	282	282.XXX	CWIP Differences	422,556	0	422,556
6	282	282.XXX	FAS109	(35,635,591)	35,635,591	0
7	282	282.XXX	Miscellaneous	9,671,847	0	9,671,847
8	282	282.XXX	Non-Cash Overheads	21,738,180	0	21,738,180
9	282	282.XXX	Section 174	(798,162)	798,162	0
10	282	282.XXX	Software	0	0	0
11	282	282.XXX	Tax Depreciation	(415,326,001)	0	(415,326,001)
12	282	282.XXX	TIC	4,225,564	0	4,225,564
13	Total Plant-Related Accumulated Deferred Income Tax			(\$469,507,123)	\$36,433,753	(\$433,073,370)

**Duke Energy Ohio**  
**Depreciation Expense by Major Property Groupings**

				Gross Plant Balance		Depreciation Rate (%)	Depreciation Expense	
				Base Case	Mar-21		Base Case	Mar-21
Distribution Accounts								
1	360	3600	Land and Land Rights	\$13,138,936	\$18,756,880	-	\$0	\$0
2	360	3601	Rights of Way	\$26,286,892	\$28,099,077	1.33	\$349,616	\$373,718
3	361	3610	Structures and Improvements	\$19,163,278	\$23,483,360	1.71	\$327,692	\$401,565
4	362	3620	Station Equipment (b)	\$212,265,007	\$298,904,508	1.97	\$4,181,621	\$5,888,419
5	362	3622	Major Equipment	\$115,663,252	\$142,691,563	1.77	\$2,047,240	\$2,525,641
6	362	3635	Station Equipment Electronic	\$0	\$10	0.00	\$0	\$0
7	364	3640	Poles, Towers & Fixtures (b)	\$309,686,559	\$398,246,199	2.27	\$7,029,885	\$9,040,189
8	365	3650, 3651	Overhead Conductors and Devices	\$556,919,666	\$730,095,195	2.36	\$13,143,304	\$17,230,247
9	366	3660	Underground Conduit	\$113,261,755	\$174,382,247	2.00	\$2,265,235	\$3,487,645
10	367	3670	Underground Conductors and Devices	\$344,816,482	\$476,590,722	1.92	\$6,620,476	\$9,150,542
11	368	3680, 3681	Line Transformers	\$332,913,015	\$447,421,004	2.44	\$8,123,078	\$10,917,073
12	368	3682	Customer Transformer Installations	\$3,755,296	\$3,755,297	2.44	\$91,629	\$91,629
13	369	3691	Services - Underground	\$5,525,489	\$34,034,806	1.92	\$106,089	\$653,468
14	369	3692	Services - Overhead	\$81,827,784	\$98,832,650	2.90	\$2,373,006	\$2,866,147
15	370	3700	Meters	\$0	\$0	Amortization	\$2,251,310	\$2,251,310
16	370	3700	Meter Instrument Transformers	\$7,409,920	\$15,726,189	4.55	\$337,151	\$715,542
17	370	3701	Leased Meters	\$385,629	\$0	Amortization	\$368,144	\$368,144
18	370	3701	Leased Meter Instrument Transformers	\$5,672,328	\$0	4.55	\$258,091	\$0
19	370	3702	AMI Meters	\$3,068,034	\$117,257,835	6.67	\$204,638	\$7,821,098
20	370	3703	Echelon AMI Meters	\$68,730,098	\$508,058	Amortization	\$4,922,431	\$4,922,431
21	371	3710	Installations on Customers' Premises	\$0	\$494,645	9.17	\$0	\$45,359
22	371	3712	Company Owned Outdoor Light (a)	\$0	\$0	9.17	\$0	\$0
23	372	3720	Leased Property on Customers' Premises	\$102,503	\$102,503	4.04	\$4,141	\$4,141
24	373	3730	Street Lighting (a)	\$0	\$0	4.00	\$0	\$0
25	373	3731	Street Lighting - Overhead	\$15,300,749	\$14,891,579	4.00	\$612,030	\$595,663
26	373	3732	Street Lighting - Boulevard	\$27,727,622	\$27,598,629	2.50	\$693,191	\$689,966
27	373	3733	Light Security OL POL Flood	\$15,094,001	\$14,917,864	3.33	\$502,630	\$496,765
28	373	3734	Light Choice OLE - Public (a)	\$0	\$0	5.53	\$0	\$0
29	Total			\$2,278,714,295	\$3,066,790,818		\$56,812,629	\$80,536,701

**Duke Energy Ohio**  
**PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION**

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Property Taxes		
Personal <sup>(1)</sup>	Real <sup>(2)</sup>	Total

1	Distribution	\$129,799,217	\$764,933	\$130,564,149
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Notes: <sup>(1)</sup> See page 10.

<sup>(2)</sup> See page 11.

**PERSONAL PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION**

<b>Line</b>	<b>Description</b>	<b>Distribution</b>
1	Jurisdictional Plant in Service	\$3,066,790,818
2	Jurisdictional Real Property	<u>70,339,317</u>
3	Net Cost of Taxable Personal Property	<u>\$2,996,451,501</u>
4	True Value Percentage (1)	51.30%
5	True Value of Taxable Personal Property	<u>\$1,537,179,620</u>
6	Assessment Percentage	85.0%
7	Assessment Value	<u>\$1,306,602,677</u>
8	Personal Property Tax Rate	9.9341%
9	Personal Property Tax	<u><u>\$129,799,217</u></u>

(1) Percentage based on 2020 Valuation of Dec 2019 property

Assessed Value	1,451,286,021
Distr Plant in Service per 2019 Form 1 page 206 (Excludes Real Property)	<u>2,829,075,432</u>
	<u><u>51.30%</u></u>

**Duke Energy Ohio**  
**REAL PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION**

Line	Description	Distribution
1	Real Property associated with electric distribution	\$70,339,317
2	Assessment Percentage (1)	<u>13.987%</u>
3	Assessment Value	\$9,838,360
4	Real Property Tax Rate	<u>7.7750%</u>
5	Real Property Tax	<u><u>\$764,933</u></u>

(1)	DEO 2019 property taxes paid in 2020	
	.	
	2019 Real Property per Form 1	\$69,240,966
	Assessed Value	<u>\$9,684,439</u>
	Assessment Percentage	<u><u>13.987%</u></u>

**Duke Energy Ohio  
Revenue Collected  
Rider DCI**

Line No.	Calendar Year 2021	Actual Monthly Gross Revenue Collected
1	January, 2021	\$ 7,944,293
2	February , 2021	\$ 7,536,676
3	March, 2021	\$ 7,262,965
4	April, 2021	
5	May, 2021	
6	June, 2021	
7	July, 2021	
8	August, 2021	
9	September, 2021	
10	October, 2021	
11	November, 2021	
12	December, 2021	
13	Total	<u>\$ 22,743,934</u>
14	2021 Revenue Cap	\$ 84,200,000
15	Amount (Above)/Below Revenue Cap	\$ 61,456,066 Ln 14 - Ln 13

Duke Energy Ohio  
Incentives to be removed from Rider DCI

Project		Quarterly Spend (Capital)									
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Gross Plant Incentives	Q1		\$65,059	\$51,343	\$39,069	\$114,462	\$587,840				
	Q2		\$210,908	\$45,792	\$58,169	\$71,024					
	Q3	\$216,774	\$126,697	\$58,820	\$141,365	\$73,929					
	Q4	\$108,214	\$67,722	\$59,377	\$205,318	(\$435,855)					
Cumulative Gross Plant Incentives		\$324,988	\$795,374	\$1,010,707	\$1,454,627	\$1,278,187	\$1,866,027	\$1,866,027	\$1,866,027	\$1,866,027	\$1,866,027
Depreciation Expense	Q1	-	203	566	847	1,326	3,514	5,346	5,346	5,346	5,346
	Q2	-	657	1,457	1,781	2,184	2,405	2,405	2,405	2,405	2,405
	Q3	676	1,746	2,324	2,948	3,619	3,849	3,849	3,849	3,849	3,849
	Q4	337	886	1,282	2,107	1,388	30	30	30	30	30
Accumulated Depreciation	Q1	-	(1,216)	(5,070)	(10,980)	(19,142)	(29,847)	(41,478)	(53,108)	(64,739)	(76,370)
	Q2	-	(1,873)	(6,527)	(12,761)	(21,326)	(32,252)	(43,883)	(55,514)	(67,144)	(78,775)
	Q3	(676)	(3,619)	(8,851)	(15,709)	(24,944)	(36,101)	(47,732)	(59,363)	(70,994)	(82,624)
	Q4	(1,013)	(4,504)	(10,133)	(17,816)	(26,333)	(36,131)	(47,762)	(59,393)	(71,023)	(82,654)
Accumulated Deferred Income Tax	Q1	\$0	(\$513)	(\$2,081)	(\$4,337)	(\$7,281)	(\$10,948)	(\$14,562)	(\$17,722)	(\$20,461)	(\$22,869)
	Q2	\$0	(\$790)	(\$2,664)	(\$4,991)	(\$8,027)	(\$11,697)	(\$15,217)	(\$18,290)	(\$20,949)	(\$23,313)
	Q3	(\$285)	(\$1,494)	(\$3,532)	(\$6,020)	(\$9,216)	(\$12,837)	(\$16,211)	(\$19,148)	(\$21,714)	(\$24,017)
	Q4	(\$427)	(\$1,852)	(\$4,016)	(\$6,795)	(\$9,597)	(\$12,595)	(\$15,986)	(\$18,940)	(\$21,537)	(\$23,881)
Total Adjustment	Q1	324,988	793,646	1,003,556	1,439,310	1,251,764	1,825,231	1,809,987	1,795,197	1,780,827	1,766,788
	Q2	324,988	792,711	1,001,516	1,436,875	1,248,834	1,822,077	1,806,927	1,792,223	1,777,934	1,763,939
	Q3	324,028	790,261	998,324	1,432,898	1,244,027	1,817,088	1,802,084	1,787,516	1,773,319	1,759,386
	Q4	323,548	789,018	996,558	1,430,016	1,242,258	1,817,301	1,802,279	1,787,694	1,773,467	1,759,492

Duke Energy Ohio  
EDIT Amortization To Include in Rider DCI Calculation

Line	Description	IBUTION PLANT											
		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
		Refund Continues January 1, 2021											
	<b>Protected Excess ADITs - PP&amp;E</b>												
1	Beginning Balance	\$118,916,115	\$118,660,571	\$118,405,027	\$118,149,482	\$117,893,938	\$117,638,394	\$117,382,849	\$117,127,305	\$116,871,761	\$116,616,216	\$116,360,672	\$116,105,128
2	Amortization	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)	(255,544)
3	Adjustments/True Up												
4	Ending Balance	\$118,660,571	\$118,405,027	\$118,149,482	\$117,893,938	\$117,638,394	\$117,382,849	\$117,127,305	\$116,871,761	\$116,616,216	\$116,360,672	\$116,105,128	\$115,849,584
5													
6	<b>Unprotected ADITs - PP&amp;E</b>												
7	Beginning Balance	\$58,910,811	\$58,309,681	\$57,708,550	\$57,107,419	\$56,506,288	\$55,905,158	\$55,304,027	\$54,702,896	\$54,101,766	\$53,500,635	\$52,899,504	\$52,298,373
8	Amortization	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)	(601,131)
9	Adjustments/True Up												
10	Transfer of Amortized Prot ADITs (-L2)	-	-	-	-	-	-	-	-	-	-	-	-
11	Ending Balance	\$58,309,681	\$57,708,550	\$57,107,419	\$56,506,288	\$55,905,158	\$55,304,027	\$54,702,896	\$54,101,766	\$53,500,635	\$52,899,504	\$52,298,373	\$51,697,243
12													
13	<b>Unprotected ADITs - Non-PP&amp;E</b>												
14	Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Amortization	-	-	-	-	-	-	-	-	-	-	-	-
16	Ending Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17													
18	<b>Total Excess ADITs</b>												
19	Beginning Balance	\$177,826,926	\$176,970,251	\$176,113,576	\$175,256,901	\$174,400,226	\$173,543,551	\$172,686,876	\$171,830,201	\$170,973,526	\$170,116,851	\$169,260,176	\$168,403,501
20	Net Amortization Expense	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)	(856,675)
21	Adjustments/True Up	-	-	-	-	-	-	-	-	-	-	-	-
22	Ending Balance	\$176,970,251	\$176,113,576	\$175,256,901	\$174,400,226	\$173,543,551	\$172,686,876	\$171,830,201	\$170,973,526	\$170,116,851	\$169,260,176	\$168,403,501	\$167,546,826

Assumptions:

Annual Amort Percent for Unprotected EDITs	<b>10.00%</b>
Current Period Amort Percent for Dist Protected EDITs	<b>2.579%</b>
2018 Amort Percent for Dist Protected EDITs	<b>0.740%</b>
2019 Amort Percent for Dist Protected EDITs	<b>0.690%</b>
2020 Amort Percent for Dist Protected EDITs	<b>1.469%</b>



Duke Energy Ohio  
Tree Trimming Amortization To Include in Rider DCI Calculation

Line	Description	9/30/2019	12/31/2019	3/31/2020	6/30/2020	9/30/2020	12/31/2020	3/31/2021	6/30/2021	9/30/2021	12/31/2021	3/31/2022	6/30/2022	9/30/2022	12/31/2022
1	Gross Plant	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170	\$ 2,011,170
2	Accumulated Depreciation	(14,078)	(28,156)	(42,234)	(56,312)	(70,390)	(84,468)	(98,546)	(112,624)	(126,702)	(140,780)	(154,858)	(168,936)	(183,014)	(197,092)
3	Net Plant	1,997,092	1,983,014	1,968,936	1,954,858	1,940,780	1,926,702	1,912,624	1,898,546	1,884,468	1,870,390	1,856,312	1,842,234	1,828,156	1,814,078
4	ADIT	(350,327)	(348,699)	(347,071)	(345,444)	(346,868)	(348,293)	(349,717)	(351,142)	(352,089)	(353,037)	(353,984)	(354,932)	(355,440)	(355,947)
5	Distribution Rate Base for DCI	1,646,765	1,634,315	1,621,865	1,609,414	1,593,912	1,578,409	1,562,907	1,547,404	1,532,379	1,517,353	1,502,328	1,487,302	1,472,716	1,458,131
6	Rate of Return (Pre-Tax)	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%	10.68%
7	Return on Rate Base (Pre-Tax)	175,875	174,545	173,215	171,885	170,230	168,574	166,918	165,263	163,658	162,053	160,449	158,844	157,286	155,728
8	Depreciation Expense	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313	56,313
9	Property Tax Expense	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927	80,927
10	Revenue Requirement before CAT	313,115	311,785	310,455	309,125	307,470	305,814	304,158	302,503	300,898	299,293	297,689	296,084	294,526	292,968
11	Incremental CAT	\$816	\$813	\$809	\$806	\$802	\$797	\$793	\$789	\$784	\$780	\$776	\$772	\$768	\$764
12	Total Rider DCI Revenue Requirement	\$ 313,931	\$ 312,598	\$ 311,264	\$ 309,931	\$ 308,271	\$ 306,611	\$ 304,951	\$ 303,291	\$ 301,682	\$ 300,073	\$ 298,465	\$ 296,856	\$ 295,294	\$ 293,732

Book Life	Tax Life
35.71	20.00

	10 Yr MACRS	Cap Additions	Tax Depreciation	Book Depreciation	Gross Plant	Accumulated Depreciation	Deferred Tax	ADIT
2019Q3	0.94%	\$ 2,011,170	\$1,015,012	\$14,078	2,011,170	14,078	350,327	\$350,327
2019Q4	0.94%		\$9,427	14,078	2,011,170	28,157	(1,628)	348,699
2020Q1	0.94%		\$9,427	14,078	2,011,170	42,235	(1,628)	347,071
2020Q2	0.94%		\$9,427	14,078	2,011,170	56,313	(1,628)	345,444
2020Q3	1.80%		\$18,148	14,078	2,011,170	70,391	1,425	346,868
2020Q4	1.80%		\$18,148	14,078	2,011,170	84,470	1,425	348,293
2021Q1	1.80%		\$18,148	14,078	2,011,170	98,548	1,425	349,717
2021Q2	1.80%		\$18,148	14,078	2,011,170	112,626	1,425	351,142
2021Q3	1.67%		\$16,786	14,078	2,011,170	126,704	948	352,089
2021Q4	1.67%		\$16,786	14,078	2,011,170	140,783	948	353,037
2022Q1	1.67%		\$16,786	14,078	2,011,170	154,861	948	353,984

Duke Energy Ohio  
Cost of Removal Incentives to be removed from Rider DCI

Project	Book Life 39.37	Quarterly Spend (Capital)					
		2016	2017	2018	2019	2020	2021
Cost of Removal Incentives <sup>(a)</sup>	Q1		\$6,211	\$6,405	\$9,749	\$11,890	\$171,672
	Q2		\$6,353	\$12,794	\$10,410	\$13,886	
	Q3	\$6,481	\$9,312	\$12,478	\$9,821	\$12,279	
	Q4	\$5,295	\$10,317	\$8,430	\$46,978	(\$130,394)	
Cumulative Cost of Removal Incentives		\$11,776	\$43,969	\$84,077	\$161,034	\$68,694	\$240,366
Quarters	Q1		17	13	9	5	1
	Q2		16	12	8	4	
	Q3	19	15	11	7	3	
	Q4	18	14	10	6	2	
Time Factor	Q1		10.80%	8.26%	5.72%	3.18%	0.64%
	Q2		10.16%	7.62%	5.08%	2.54%	
	Q3	12.07%	9.53%	6.99%	4.45%	1.91%	
	Q4	11.43%	8.89%	6.35%	3.81%	1.27%	
Total Cost of Removal Adjusted	Q1	-	670	529	557	378	1,090
	Q2	-	646	975	529	353	
	Q3	782	887	872	437	234	
	Q4	605	917	535	1,790	(1,656)	
Total Cumulative Cost of Removal Adjustment	Q1	-	2,058	5,036	7,975	11,108	11,128
	Q2	-	2,703	6,011	8,504	11,460	
	Q3	782	3,590	6,883	8,940	11,694	
	Q4	1,387	4,507	7,418	10,730	10,038	

Note: (a) To correct a query error in the Q4-2020 filing, the company has restated total to date cost of removal incentives

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**4/30/2021 12:21:55 PM**

**in**

**Case No(s). 20-1530-EL-RDR, 89-6002-EL-TRF**

Summary: Report Duke Energy Ohio, Inc. Rider DCI 1st Quarter Report electronically filed by Mrs. Tammy M Meyer on behalf of Duke Energy Ohio Inc. and D'Ascenzo, Rocco and Vaysman, Larisa