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September 17, 2021

Ms. Tanowa Troupe, Secretary
Public Utilities Commission of Ohio
180 East Broad Street, 11th 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).¹

Subsequent to that filing, the Company and Staff have engaged in further discussions that resulted in changes to the revenue requirement. Included herewith are two documents reflecting those changes.

Respectfully submitted,

/s/ Jeanne W. Kingery

Rocco O. D'Ascenzo (0077651)

Deputy General Counsel

Jeanne W. Kingery (0012172)

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Larisa M. Vaysman (0090290)

Senior Counsel

Duke Energy Ohio, Inc.

139 E. Fourth Street

Cincinnati, Ohio 45201-0960

(513) 287-4320

¹ *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. 103.25
Cancels and Supersedes
Sheet No. 103.24
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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 18.500% 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.

Issued: September 13, 2021

Effective: September 30, 2021

Issued by Amy B. Spiller, President

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

Line	Description	June 30, 2016	June 30, 2021	Reference
1	Gross Distribution Plant	\$2,278,714,295	\$3,107,662,049	Pages 2 & 3
2	Accumulated Depreciation on Distribution Plant	747,093,755	695,066,420	Pages 4 & 5
3	Net Distribution Plant in Service	\$1,531,620,540	\$2,412,595,629	
4	ADIT and EDIT on Distr Plant	(\$433,073,370)	(\$528,364,702)	Pages 6 & 7
5	Capitalized Incentives Accrued Since 6/30/16	\$0	(\$1,877,661)	Page 13
6	Distribution Rate Base for Rider DCI	<u>\$1,098,547,170</u>	<u>\$1,882,353,266</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	\$168,282,382	Line (6) * Line (7)
9	Depreciation Expense	\$56,812,629	\$81,736,893	Page 8
10	Property Tax Expense (Excludes M&S)	<u>\$87,930,155</u>	<u>\$132,372,902</u>	Page 9
11	Revenue Requirement Before CAT	\$258,112,852	\$382,392,176	Line (8) + Line (9) + Line (10)
12	Change in Revenue Requirement		\$124,279,325	Line (11) _{current} - Line (11) _{base}
13	Incremental Commercial Activities Tax		\$323,969	{(1/(1-CAT)-1) * Line (12)}
14	Total Rider DCI Revenue Requirement		\$124,603,293	Line (12) + Line (13)
15	Tree Trimming Adjustment 18-1036-EL-RDR (2)		(\$303,291)	Page 15
16	2021 Cap Adjustment (3)		(\$40,669,651)	
17	Adjusted Total Rider DCI Revenue Requirement		\$83,630,350	Line (14) + Line (15) + Line (16)
18	Annual Base Distribution Revenue (4)		<u>\$452,055,948</u>	
19	DEO Percentage of Base Distribution Revenue		<u>18.500%</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 June 30, 2021)

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted Total Company
	FERC	Company				
Distribution Accounts						
1	360	3600	Land and Land Rights	\$18,918,361		\$18,918,361
2	360	3601	Rights of Way	\$26,727,235		26,727,235
3	361	3610	Structures and Improvements	\$23,512,957		23,512,957
4	362	3620	Station Equipment	\$297,399,847		297,399,847
5	362	3622	Major Equipment	\$145,466,467		145,466,467
6	363	3635	Station Equipment Electronic	\$10		10
7	364	3640	Poles, Towers & Fixtures	\$403,708,738		403,708,738
8	365	3650, 3651	Overhead Conductors and Devices	743,421,900.64		743,421,901
9	366	3660	Underground Conduit	\$178,296,625		178,296,625
10	367	3670	Underground Conductors and Devices	\$484,862,120		484,862,120
11	368	3680, 3681	Line Transformers	\$451,526,341		451,526,341
12	368	3682	Customer Transformer Installations	\$3,755,297		3,755,297
13	369	3691	Services - Underground	\$34,524,786		34,524,786
14	369	3692	Services - Overhead	\$96,781,021		96,781,021
15	370	3700	Meters	\$0		0
16	370	3700	Meter Instrument Transformers	\$15,861,444		15,861,444
17	370	3701	Leased Meters	\$0		0
18	370	3701	allt he	\$0		0
19	370	3702	AMI Meters	\$124,746,944		124,746,944
20	370	3703	Echelon AMI Meters	\$508,058		508,058
21	371	3710	Installations on Customers' Premises	\$137,732		137,732
22	371	3712	Company Owned Outdoor Light ^(a)	\$6,600,082	(\$6,600,082)	0
23	372	3720	Leased Property on Customers' Premises	\$102,503		102,503
24	373	3730	Street Lighting ^(a)	\$3,678,137	(\$3,678,137)	0
25	373	3731	Street Lighting - Overhead	\$14,886,916		14,886,916
26	373	3732	Street Lighting - Boulevard	\$27,598,882		27,598,882
27	373	3733	Light Security OL POL Flood	\$14,917,864		14,917,864
28	373	3734	Light Choice OLE - Public ^(a)	\$20,537,394	(\$20,537,394)	0
29				\$3,138,477,662	(\$30,815,613)	\$3,107,662,049

Notes: (a) Echelon meters and tariffed street lights

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 ^(b)	\$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 ^(b)	\$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 ^(a)	\$71,798,132	(\$68,730,098)	3,068,034
20	370	3702	Echelon AMI Meters ^(a)	\$0	\$68,730,098	68,730,098
21	371	3710	Installations on Customers' Premises	\$0		0
22	371	3712	Company Owned Outdoor Light ^(a)	\$732,923	(\$732,923)	0
23	372	3720	Leased Property on Customers' Premises	\$102,503		102,503
24	373	3730	Street Lighting ^(a)	\$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 ^(a)	\$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 June 30, 2021)

Line No.	Account Number		Account Title	Per Books ^(b)	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	5,815,826		\$5,815,826
3	361	3610	Structures and Improvements	6,000,786		\$6,000,786
4	362	3620	Station Equipment	75,496,042		\$75,496,042
5	362	3622	Major Equipment	53,513,920		\$53,513,920
6	363	3635	Dist Station Equip Elec	1		\$1
7	364	3640	Poles, Towers & Fixtures	107,019,706		\$107,019,706
8	365	3650, 3651	Overhead Conductors and Devices	49,987,613		\$49,987,613
9	366	3660	Underground Conduit	44,126,334		\$44,126,334
10	367	3670	Underground Conductors and Devices	109,133,996		\$109,133,996
11	368	3680, 3681	Line Transformers	141,143,744		\$141,143,744
12	368	3682	Customer Transformer Installations	3,075,143		\$3,075,143
13	369	3691	Services - Underground	14,243,758		\$14,243,758
14	369	3692	Services - Overhead	57,207,115		\$57,207,115
15	370	3700	Meters	10,654,668		\$10,654,668
16	370	3700	Meter Instrument Transformers	5,590,421		\$5,590,421
17	370	3701	Leased Meters	3,741,080		\$3,741,080
18	370	3701	Leased Meter Instrument Transformers	150,442		\$150,442
19	370	3702	AMI Meters	16,290,239		\$16,290,239
20	370	3703	Echelon AMI Meters	(23,264,435)		(\$23,264,435)
21	371	3710	Installations on Customers' Premises	40,098		\$40,098
22	371	3712	Company Owned Outdoor Light ^(a)	(898,227)	898,227	\$0
23	372	3720	Leased Property on Customers' Premises	(37,916)		(\$37,916)
24	373	3730	Street Lighting ^(a)	(37,772)	37,772	\$0
25	373	3731	Street Lighting - Overhead	15,725,404		\$15,725,404
26	373	3732	Street Lighting - Boulevard	11,612,832		\$11,612,832
27	373	3733	Light Security OL POL Flood	11,031,233		\$11,031,233
28	373	3734	Light Choice OLE - Public ^(a)	1,311,951	(1,311,951)	\$0
29		108	Retirement Work in Progress ^(c)	(23,248,022)	12,744	(\$23,235,278)
30				\$695,429,628	(\$363,208)	\$695,066,420

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 ^(b)	\$76,841,335	(\$265,144)	76,576,191
5	362	3622	Major Equipment ^(b)	\$43,955,677	(\$67,506)	43,888,171
6	363	3635	Dist Station Equip Elec	\$0		0
7	364	3640	Poles, Towers & Fixtures ^(b)	\$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 ^(a)	19,487,051	(19,505,785)	(18,734)
20	370	3702	Echelon AMI Meters ^(a)	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 ^(a)	(298,114)	298,114	0
23	372	3720	Leased Property on Customers' Premises	(58,390)		(58,390)
24	373	3730	Street Lighting ^(a)	(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 ^(a)	(169,815)	169,815	0
29		108	Retirement Work in progress ^(b)	(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 (June 30, 2021)

Line No.	Account Number		Account Title	Per Books	Adjustments	Adjusted Total Company
	FERC	Company				
Account 282						
1	282	282.XXX	263A	\$ (57,713,347)	\$0	(\$57,713,347)
2	282	282.XXX	AFUDC Debt	(1,895,694)	0	(1,895,694)
3	282	282.XXX	Casualty Loss	(6,792,903)	0	(6,792,903)
4	282	282.XXX	CIAC	16,587,321	0	16,587,321
5	282	282.XXX	CWIP Differences	(895,189)	0	(895,189)
6	282	282.XXX	FAS109	(22,252,594)	22,252,594	0
7	282	282.XXX	Miscellaneous	4,212,653	0	4,212,653
8	282	282.XXX	Non-Cash Overheads	10,321,000	0	10,321,000
9	282	282.XXX	Section 174	(368,607)	368,607	0
10	282	282.XXX	Software	0	0	0
11	282	282.XXX	TCJA EDIT Balance	170,535,198	0	170,535,198
12	282	282.XXX	Tax Depreciation	(390,723,570)	0	(390,723,570)
13	282	282.XXX	Tax Expensing	(103,157,341)	0	(103,157,341)
14	282	282.XXX	TIC	3,844,046	0	3,844,046
15	Total Plant-Related Accumulated Deferred Income Tax (a)			\$ (378,299,027)	\$ 22,621,201	\$ (355,677,826)
16	Total Plant-Related Excess Deferred Income Tax (a) (b)			\$ (197,439,631)	\$ 24,752,755	\$ (172,686,876)
17	Total Plant-Related ADIT and EDIT			\$ (575,738,658)	\$ 47,373,956	\$ (528,364,702)

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	Jun-21		Base Case	Jun-21
Distribution Accounts								
1	360	3600	Land and Land Rights	\$13,138,936	\$18,918,361	-	\$0	\$0
2	360	3601	Rights of Way	\$26,286,892	\$26,727,235	1.33	\$349,616	\$355,472
3	361	3610	Structures and Improvements	\$19,163,278	\$23,512,957	1.71	\$327,692	\$402,072
4	362	3620	Station Equipment (b)	\$212,265,007	\$297,399,847	1.97	\$4,181,621	\$5,858,777
5	362	3622	Major Equipment	\$115,663,252	\$145,466,467	1.77	\$2,047,240	\$2,574,756
6	362	3635	Station Equipment Electronic	\$0	\$10	0.00	\$0	\$0
7	364	3640	Poles, Towers & Fixtures (b)	\$309,686,559	\$403,708,738	2.27	\$7,029,885	\$9,164,188
8	365	3650, 3651	Overhead Conductors and Devices	\$556,919,666	\$743,421,901	2.36	\$13,143,304	\$17,544,757
9	366	3660	Underground Conduit	\$113,261,755	\$178,296,625	2.00	\$2,265,235	\$3,565,932
10	367	3670	Underground Conductors and Devices	\$344,816,482	\$484,862,120	1.92	\$6,620,476	\$9,309,353
11	368	3680, 3681	Line Transformers	\$332,913,015	\$451,526,341	2.44	\$8,123,078	\$11,017,243
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	\$34,524,786	1.92	\$106,089	\$662,876
14	369	3692	Services - Overhead	\$81,827,784	\$96,781,021	2.90	\$2,373,006	\$2,806,650
15	370	3700	Meters	\$0	\$0	Amortization	\$2,251,310	\$2,251,310
16	370	3700	Meter Instrument Transformers	\$7,409,920	\$15,861,444	4.55	\$337,151	\$721,696
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	\$124,746,944	6.67	\$204,638	\$8,320,621
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	\$137,732	9.17	\$0	\$12,630
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	\$14,886,916	4.00	\$612,030	\$595,477
26	373	3732	Street Lighting - Boulevard	\$27,727,622	\$27,598,882	2.50	\$693,191	\$689,972
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	\$3,107,662,049		\$56,812,629	\$81,736,893

Duke Energy Ohio
PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION

Property Taxes			
	Personal ⁽¹⁾	Real ⁽²⁾	Total
1 Distribution	\$131,620,810	\$752,092	\$132,372,902

Notes: ⁽¹⁾ See page 10.
⁽²⁾ See page 11.

PERSONAL PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION

Line	Description	Distribution
1	Jurisdictional Plant in Service	\$3,107,662,049
2	Jurisdictional Real Property	69,158,554
3	Net Cost of Taxable Personal Property	<u>\$3,038,503,495</u>
4	True Value Percentage (1)	51.30%
5	True Value of Taxable Personal Property	<u>\$1,558,752,293</u>
6	Assessment Percentage	85.0%
7	Assessment Value	<u>\$1,324,939,449</u>
8	Personal Property Tax Rate	9.9341%
9	Personal Property Tax	<u><u>\$131,620,810</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	\$69,158,554
2	Assessment Percentage (1)	<u>13.987%</u>
3	Assessment Value	\$9,673,207
4	Real Property Tax Rate	<u>7.7750%</u>
5	Real Property Tax	<u><u>\$752,092</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	\$	6,047,741
5	May, 2021	\$	5,806,462
6	June, 2021	\$	6,755,166
7	July, 2021		
8	August, 2021		
9	September, 2021		
10	October, 2021		
11	November, 2021		
12	December, 2021		
13	Total	\$	41,353,303
14	2021 Revenue Cap	\$	84,200,000
15	Amount (Above)/Below Revenue Cap	\$	42,846,697 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	\$55,831				
	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	\$1,921,858	\$1,921,858	\$1,921,858	\$1,921,858	
Depreciation Expense	Q1	-	203	566	847	1,326	3,514	5,346	5,346	5,346	
	Q2	-	657	1,457	1,781	2,184	2,579	2,753	2,753	2,753	
	Q3	676	1,746	2,324	2,948	3,619	3,849	3,849	3,849	3,849	
	Q4	337	886	1,282	2,107	1,388	30	30	30	30	
Accumulated Depreciation	Q1	-	(1,216)	(5,070)	(10,980)	(19,142)	(29,847)	(41,652)	(53,630)	(65,609)	(77,588)
	Q2	-	(1,873)	(6,527)	(12,761)	(21,326)	(32,426)	(44,405)	(56,383)	(68,362)	(80,341)
	Q3	(676)	(3,619)	(8,851)	(15,709)	(24,944)	(36,275)	(48,254)	(60,233)	(72,211)	(84,190)
	Q4	(1,013)	(4,504)	(10,133)	(17,816)	(26,333)	(36,305)	(48,284)	(60,263)	(72,241)	(84,220)
Accumulated Deferred Income Tax	Q1	\$0	(\$513)	(\$2,081)	(\$4,337)	(\$7,281)	(\$10,948)	(\$14,635)	(\$17,934)	(\$20,796)	(\$23,312)
	Q2	\$0	(\$790)	(\$2,664)	(\$4,991)	(\$8,027)	(\$11,771)	(\$15,429)	(\$18,624)	(\$21,391)	(\$23,850)
	Q3	(\$285)	(\$1,494)	(\$3,532)	(\$6,020)	(\$9,216)	(\$12,910)	(\$16,423)	(\$19,483)	(\$22,156)	(\$24,554)
	Q4	(\$427)	(\$1,852)	(\$4,016)	(\$6,795)	(\$9,597)	(\$12,668)	(\$16,198)	(\$19,274)	(\$21,979)	(\$24,418)
Total Adjustment	Q1	324,988	793,646	1,003,556	1,439,310	1,251,764	1,881,062	1,865,571	1,850,294	1,835,453	1,820,958
	Q2	324,988	792,711	1,001,516	1,436,875	1,248,834	1,877,661	1,862,024	1,846,850	1,832,104	1,817,667
	Q3	324,028	790,261	998,324	1,432,898	1,244,027	1,872,672	1,857,181	1,842,142	1,827,490	1,813,114
	Q4	323,548	789,018	996,558	1,430,016	1,242,258	1,872,885	1,857,376	1,842,321	1,827,637	1,813,220

Duke Energy Ohio
EDIT Amortization To Include in Rider DCI Calculation

		IBUTION PLANT											
Line	Description	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													
Protected Excess ADITs - PP&E													
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
Unprotected ADITs - PP&E													
6	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
Unprotected ADITs - Non-PP&E													
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
Total Excess ADITs													
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 **10.00%**
Current Period Amort Percent for Dist Protected EDITs **2.579%**
2018 Amort Percent for Dist Protected EDITs **0.740%**
2019 Amort Percent for Dist Protected EDITs **0.690%**
2020 Amort Percent for Dist Protected EDITs **1.469%**

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
2019Q4	0.94%		\$9,427	14,078	2,011,170	28,157	(1,628)
2020Q1	0.94%		\$9,427	14,078	2,011,170	42,235	(1,628)
2020Q2	0.94%		\$9,427	14,078	2,011,170	56,313	(1,628)
2020Q3	1.80%		\$18,148	14,078	2,011,170	70,391	1,425
2020Q4	1.80%		\$18,148	14,078	2,011,170	84,470	1,425
2021Q1	1.80%		\$18,148	14,078	2,011,170	98,548	1,425
2021Q2	1.80%		\$18,148	14,078	2,011,170	112,626	1,425
2021Q3	1.67%		\$16,786	14,078	2,011,170	126,704	948
2021Q4	1.67%		\$16,786	14,078	2,011,170	140,783	948
2022Q1	1.67%		\$16,786	14,078	2,011,170	154,861	948

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	Q1		\$6,211	\$6,405	\$9,749	\$11,890	\$171,672
	Q2		\$6,353	\$12,794	\$10,410	\$13,886	\$14,001
	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	\$254,367
Quarters	Q1		18	14	10	6	2
	Q2		17	13	9	5	1
	Q3	20	16	12	8	4	
	Q4	19	15	11	7	3	
Time Factor	Q1		11.43%	8.89%	6.35%	3.81%	1.27%
	Q2		10.80%	8.26%	5.72%	3.18%	0.64%
	Q3	12.70%	10.16%	7.62%	5.08%	2.54%	
	Q4	12.07%	9.53%	6.99%	4.45%	1.91%	
Total Cost of Removal Adjusted	Q1	-	710	569	619	453	2,180
	Q2	-	686	1,056	595	441	89
	Q3	823	946	951	499	312	
	Q4	639	983	589	2,088	(2,484)	
Total Cumulative Cost of Removal Adjustment	Q1	-	2,172	5,356	8,571	12,206	12,655
	Q2	-	2,858	6,412	9,166	12,647	12,744
	Q3	823	3,804	7,363	9,665	12,959	
	Q4	1,462	4,787	7,952	11,753	10,475	

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

Summary: Report Duke Energy Ohio, Inc. Rider DCI Amended 2nd Quarter Report electronically filed by Dianne Kuhnell on behalf of Duke Energy Ohio, Inc. and Rocco D'Ascenzo and Kingery, Jeanne W. and Vaysman, Larisa M.