

o: 513-287-4320 f: 513-287-4385

December 18, 2019

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

Re: Case No. 19-1943-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., submitted schedules and tariff pages related to the update of its Distribution Capital Investment Rider (Rider DCI) on October 31, 2019 and an amended filing on November 11, 2019.

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

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

Respectfully submitted,

Isl Elizabeth H. Watts
Rocco O. D'Ascenzo (0077651)
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139 E. Fourth Street
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Duke Energy Ohio 139 East Fourth Street Cincinnati, Ohio 45202 P.U.C.O. Electric No. 19 Sheet No. 103.18 Cancels and Supersedes Sheet No. 103.17 Page 1 of 1

### 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 13.600% 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: December 18, 2019

Effective: January 2, 2020

#### Duke Energy Ohio Revenue Requirement for Rider DCI Case No. 19-1943

Line	Description	June 30, 2016	September 30, 2019	Reference
1	Gross Distribution Plant	\$2,278,714,295	¢2 920 167 471	D 1 8 2
2	Accumulated Depreciation on Distribution Plant	747,093,755	\$2,820,167,471 705,939,174	<del>-</del>
3	Net Distribution Plant in Service	\$1,531,620,540	\$2,114,228,297	_ ~
	The Distribution Figure III Selffice	<b>\$1,</b> 331,020,340	\$2,114,220,237	
4	ADIT and EDIT on Distr Plant	(\$433,073,370)	(\$526,343,568)	Pages 6 & 7
5	Capitalized Incentives Accrued Since 6/30/16	\$0	(\$1,227,580)	Page 13
6	Distribution Rate Base for Rider DCI	\$1,098,547,170	\$1,586,657,150	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	\$141,847,149	Line (6) * Line (7)
9	Depreciation Expense	\$56,812,629	\$72,374,326	Page 8
10	Property Tax Expense (Excludes M&S)	\$87,930,155	\$115,605,776	_
	,	+++/500,000	<del>+110,000,770</del>	
11	Revenue Requirement Before CAT	\$258,112,852	\$329,827,251	Line (8) + Line (9) +Line (10)
12	Change in Revenue Requirement		Ć71 714 400	Line (44)
12	Change in Kevende Requirement		\$71,714,400	Line (11) <sub>current</sub> - Line (11) <sub>base</sub>
13	Incremental Commercial Activities Tax		\$186,943	{(1/(1-CAT)-1) * Line (12)}
14	Total Rider DCI Revenue Requirement		\$71,901,343	Line (12) + Line (13) + Line (14)
15	Compliance Audit Adjustment 18-1036-EL-RDR (2)		(\$2,200,41.4)	
13	Compliance Addit Adjustment 18-1058-EL-RDK (2)		(\$2,299,414)	
16	Tree Trimming Adjustment 18-1036-EL-RDR (2)		(\$313,931)	Page 15
17	2020 Cap adjustment (3)		(7,807,807)	
18	Adjusted Total Rider DCI Revenue Requirement		\$61,480,191	Line (14) + Line (15) + Line (16)+ Line (17)
19	Annual Base Distribution Revenue (4)		\$452,055,948	
	.,		, , , ,	
20	DEO Percentage of Base Distribution Revenue		13.600%	Line (18) ÷ Line (19)

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 5 of the Stipulation and Recommendation as filed in Case No. 18-1036-EL-RDR
- (3) 2020 Cap adjustment is based on discussions with PUCO staff in recognition of the revenue caps established in Case No. 17-1263-EL-SSO.

### Duke Energy Ohio Plant in Service Summary by Major Property Groupings (As of September 30, 2019)

Line	Accour	nt Number			Γ	Adjusted
No.	FERC	Company	Account Title	Per Books	Adjustments (a) (b)	Total Company
		_				
	260	_	istribution Accounts	4		
1	360	3600	Land and Land Rights	\$17,140,699		\$17,140,699
2	360	3601	Rights of Way	\$26,667,767		26,667,767
3	361	3610	Structures and Improvements	\$21,895,434		21,895,434
4	362	3620	Station Equipment	\$269,919,920	(\$198,254)	269,721,666
5	362	3622	Major Equipment	\$130,805,662		130,805,662
6	363	3635	Station Equipment Electronic	\$10		10
7	364	3640	Poles, Towers & Fixtures	\$377,165,986	(\$105,740)	377,060,246
8	365	3650, 3651	Overhead Conductors and Devices	\$654,104,356	(\$136,477)	653,967,879
9	366	3660	Underground Conduit	\$153,219,107	(\$10,433)	153,208,674
10	367	3670	Underground Conductors and Devices	\$435,790,746	(\$37,442)	435,753,304
11	368	3680, 3681	Line Transformers	\$423,177,248	(\$17,469)	423,159,778
12	368	3682	Customer Transformer Installations	\$3,755,297		3,755,297
13	369	3691	Services - Underground	\$33,574,863		33,574,863
14	369	3692	Services - Overhead	\$93,572,671		93,572,671
15	370	3700	Meters	\$0		0
16	370	3700	Meter Instrument Transformers	\$14,287,055		14,287,055
17	370	3701	Leased Meters	\$0		0
18	370	3701	Leased Meter Instrument Transformers	\$0		0
19	370	3702	AMI Meters	\$71,121,881		71,121,881
20	370	3703	Echelon AMI Meters	\$34,193,325		34,193,325
21	371	3710	Installations on Customers' Premises	\$23,575		23,575
22	371	3712	Company Owned Outdoor Light	\$5,681,658	(\$5,681,658)	0
23	372	3720	Leased Property on Customers' Premises	\$102,503	(***,****)	102,503
24	373	3730	Street Lighting	\$5,670,507	(\$5,670,507)	0
25	373	3731	Street Lighting - Overhead	\$16,065,867	(43,0,0,00,7	16,065,867
26	373	3732	Street Lighting - Boulevard	\$28,307,418		28,307,418
27	373	3733	Light Security OL POL Flood	\$15,781,899		15,781,899
28	373	3734	Light Choice OLE - Public	\$8,880,988	(\$8,880,988)	0
29				\$2,840,906,440	(\$20,738,969)	\$2,820,167,471

Notes: (a) Echelon meters and tariffed street lights

<sup>(</sup>b) Recommended adjustments made per the Annual Audit Report in Case No. 19-1287-EL-RDR. Includes adjustments recommended on pages 7, 11, and 12.

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

	Accour	nt Number	]		Г	Adjusted
Line No.	FERC	Company	Account Title	Per Books	Adjustments (a) (b)	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	\$212,274,477	(\$9,470)	212,265,007
5	362	3622	Major Equipment	\$115,663,252	(\$3,470)	115,663,252
6	362	3635	Station Equipment Electronic	\$115,005,252		113,003,232
7	364	3640	Poles, Towers & Fixtures	\$309,688,484	(\$1,925)	309,686,559
8	365		Overhead Conductors and Devices	\$556,919,666	(71,723)	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
<b>1</b> 5	370	3700	Meters	\$0		02,027,707
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	\$71,798,132	(\$68,730,098)	3,068,034
20	370	3702	Echelon AMI Meters	\$0	\$68,730,098	68,730,098
21	371	3710	Installations on Customers' Premises	\$0	, , ,	0
22	371	3712	Company Owned Outdoor Light	\$732,923	(\$732,923)	0
23	372	3720	Leased Property on Customers' Premises	\$102,503		102,503
24	373	3730	Street Lighting	\$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	\$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

#### **Duke Energy Ohio** Accumulated Depreciation by Major Property Groupings (As of September 30, 2019)

Line	Accoun	nt Number	٦		1	Adjusted
No.	FERC	Company	Account Title	Per Books (b)	Adjustments <sup>(a)</sup>	Total Company
		D	istribution Accounts			
1	360	3600	Land and Land Rights	\$3,651		\$3,651
2	360	3601	Rights of Way	5,166,789		\$5,166,789
3	361	3610	Structures and Improvements	5,399,414		\$5,399,414
4	362	3620	Station Equipment	74,937,054		\$74,937,054
5	362	3622	Major Equipment	50,281,662		\$50,281,662
6	363	3635	Dist Station Equip Elec	0		\$0
7	364	3640	Poles, Towers & Fixtures	131,553,338		\$131,553,338
8	365	3650, 3651	Overhead Conductors and Devices	92,624,798		\$92,624,798
9	366	3660	Underground Conduit	45,032,476		\$45,032,476
10	367	3670	Underground Conductors and Devices	104,096,965		\$104,096,965
11	368	3680, 3681	Line Transformers	146,644,993		\$146,644,993
12	368	3682	Customer Transformer Installations	2,914,792		\$2,914,792
13	369	3691	Services - Underground	13,096,950		\$13,096,950
14	369	3692	Services - Overhead	56,443,195		\$56,443,195
15	370	3700	Meters	6,705,903		\$6,705,903
16	370	3700	Meter Instrument Transformers	4,445,004		\$4,445,004
17	370	3701	Leased Meters	3,096,827		\$3,096,827
18	370	3701	Leased Meter Instrument Transformers	150,442		\$150,442
19	370	3702	AMI Meters	10,665,109		\$10,665,109
20	370	3703	Echelon AMI Meters	(3,791,274)		(\$3,791,274)
21	371	3710	Installations on Customers' Premises	(2,950)		(\$2,950)
22	371	3712	Company Owned Outdoor Light	266,934	(266,934)	\$0
23	372	3720	Leased Property on Customers' Premises	(45,082)		(\$45,082)
24	373	3730	Street Lighting	(33,727)	33,727	\$0
25	373	3731	Street Lighting - Overhead	14,836,256		\$14,836,256
26	373	3732	Street Lighting - Boulevard	10,391,330		\$10,391,330
27	373	3733	Light Security OL POL Flood	10,135,287		\$10,135,287
28	373	3734	Light Choice OLE - Public	4,483,784	(4,483,784)	\$0
29		108	Retirement Work in Progress	(78,843,757)		(\$78,843,757)
30				\$710,656,166	(\$4,716,992)	\$705,939,174

Notes: (a) Echelon meters and tariffed street lights (b) FERC B

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

			¬		-	
Line _	Accour	nt Number				Adjusted
No.	FERC	Company	Account Title	Per Books	Adjustments (a) (b)	Total Company
					-	
			istribution 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	\$76,841,335	(\$265,144)	76,576,191
5	362	3622	Major Equipment	\$43,955,677	(\$67,506)	43,888,171
6	363	3635	Dist Station Equip Elec	\$0		0
7	364	3640	Poles, Towers & Fixtures	\$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	19,487,051	(19,505,785)	(18,734)
20	370	3702	Echelon AMI Meters	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	(298,114)	298,114	0
23	372	3720	Leased Property on Customers' Premises	(58,390)	·	(58,390)
24	373	3730	Street Lighting	(432,366)	432,366	) o
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	(169,815)	169,815	0
29		108	Retirement Work in progress	(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 - Excluding Grid Modernization (September 30, 2019)

Line	Accour	nt Number	<u> </u>				Adjusted
No.	FERC	Company	Account Title		Per Books	Adjustments	 otal Company
		1	Account 282				
1	282	282.XXX	263A	Ś	(50,518,283)	\$0	(\$50,518,283)
2	282	282.XXX	AFUDC Debt	Ť	(1,425,057)	0	(1,425,057)
3	282	282.XXX	Casualty Loss		(6,875,902)	0	(6,875,902)
4	282	282.XXX	CIAC		10,723,557	0	10,723,557
5	282	282.XXX	CWIP Differences		819,408	0	819,408
6	282	282.XXX	FAS109		(19,095,768)	19,095,768	0
7	282	282.XXX	Miscellaneous		3,527,017	0	3,527,017
8	282	282.XXX	Non-Cash Overheads		10,545,424	0	10,545,424
9	282	282.XXX	Section 174		(356,264)	356,264	0
10	282	282.XXX	Software		0	0	0
11	282	282.XXX	Tax Depreciation		(222,095,187)	0	(222,095,187)
12	282	282.XXX	Tax Expensing		(84,505,901)	0	(84,505,901)
13	282	282.XXX	TIC		2,992,620	0	 2,992,620
13		Total Plant-Rel	ated Accumulated Deferred Income Tax(a)	\$	(356,264,337)	19,452,033	\$ (336,812,304)
14		Total Plant	-Related Excess Deferred Income Tax (a) (b)	\$	(193,939,369)	4,408,105	\$ (189,531,264)
15			Total Plant-Related ADIT and EDIT	\$	(550,203,706)	23,860,138	\$ (526,343,568)

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 & 15

PUCO Case No. 19-1943-EL-RDR Attachment B 2nd Amended PUCO Case No. 19-15943-EL-RDR Attachment B Page 7 of 15

### Duke Energy Ohio Plant Related Accumulated Deferred Income Taxes - Excluding Grid Modernization (June 30, 2016)

	Accou	int Number				Adjusted
Line No.	FERC	Company	Account Title	Per Books	Adjustments	Total 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-Rela	ted Accumulated Deferred Income Tax	(\$469,507,123)	\$36,433,753	(\$433,073,370)

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

				Gross PI	ant Balance	Depreciation	Depreciati	on Expense
				Base Case	Sep-19	Rate (%)	Base Case	Sep-19
			Distribution Accounts					
1	360	3600	Land and Land Rights	\$13,138,936	\$17,140,699		\$0	\$0
2	360	3601	Rights of Way	\$26,286,892	\$26,667,767	1.33	\$349,616	\$354,681
3	361	3610	Structures and Improvements	\$19,163,278	\$21,895,434	1.71	\$327,692	\$374,412
4	362	3620	Station Equipment	\$212,265,007	\$269,721,666	1.97	\$4,181,621	\$5,313,517
5	362	3622	Major Equipment	\$115,663,252	\$130,805,662	1.77	\$2,047,240	\$2,315,260
6	362	3635	Station Equipment Electronic	\$0	\$10	0.00	\$0	\$0
7	364	3640	Poles, Towers & Fixtures	\$309,686,559	\$377,060,246	2.27	\$7,029,885	\$8,559,268
8	365	3650, 3651	Overhead Conductors and Devices	\$556,919,666	\$653,967,879	2.36	\$13,143,304	\$15,433,642
9	366	3660	Underground Conduit	\$113,261,755	\$153,208,674	2.00	\$2,265,235	\$3,064,173
10	367	3670	Underground Conductors and Devices	\$344,816,482	\$435,753,304	1.92	\$6,620,476	\$8,366,463
11	368	3680, 3681	Line Transformers	\$332,913,015	\$423,159,778	2.44	\$8,123,078	\$10,325,099
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	\$33,574,863	1.92	\$106,089	\$644,637
14	369	3692	Services - Overhead	\$81,827,784	\$93,572,671	2.90	\$2,373,006	\$2,713,607
15	370	3700	Meters	\$0	\$0	Amortization	\$2,251,310	\$2,251,310
16	370	3700	Meter Instrument Transformers	\$7,409,920	\$14,287,055	4.55	\$337,151	\$650,061
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	\$71,121,881	6.67	\$204,638	\$4,743,829
20	370	3703	Echelon AMI Meters	\$68,730,098	\$34,193,325	Amortization	\$4,922,431	\$4,922,431
21	371	3710	Installations on Customers' Premises	\$0	\$23,575	9.17	\$0	\$2,162
22	371	3712	Company Owned Outdoor Light	\$0	SO.	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	\$0	\$0	4.00	\$0	\$0
25	373	3731	Street Lighting - Overhead	\$15,300,749	\$16,065,867	4.00	\$612,030	\$642,635
26	373	3732	Street Lighting - Boulevard	\$27,727,622	\$28,307,418	2.50	\$693,191	\$707,685
27	373	3733	Light Security OL POL Flood	\$15,094,001	\$15,781,899	3.33	\$502,630	\$525,537
28	373	3734	Light Choice OLE - Public	\$0	\$0	5.53	\$0	\$0
29			Total	\$2,278,714,295	\$2.820.167.471		\$56,812,629	\$72,374,326

# Duke Energy Ohio PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION

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

1 Distribution \$115,248,120

\$357,656

\$115,605,776

Notes: <sup>(1)</sup> See page 10. <sup>(2)</sup> See page 11.

#### PERSONAL PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION

<del></del>	
Jurisdictional Plant in Service Jurisdictional Real Property	\$2,820,167,471 65,703,900
Net Cost of Taxable Personal Property	\$2,754,463,572
True Value Percentage (1)	49.59%
True Value of Taxable Personal Property	\$1,365,938,485
Assessment Percentage	85.0%
Assessment Value	\$1,161,047,712
Personal Property Tax Rate	9.9262%
Personal Property Tax	\$115,248,120
entage based on 2019 Valuation of Dec 2018 property	
ant in Service per 2018 Form 1 page 206 (Excludes Real	1,302,707,896 2,627,088,490 <b>4</b> 9.59%
	Jurisdictional Real Property  Net Cost of Taxable Personal Property  True Value Percentage (1)  True Value of Taxable Personal Property  Assessment Percentage  Assessment Value  Personal Property Tax Rate

PUCO Case No. 19-1943-EL-RDR
Attachment B 2nd Amended
PUCO Case No. 01951943-EL-RDR
Attachment B
Page 11 of 15

# Duke Energy Ohio REAL PROPERTY TAXES ALLOCABLE TO ELECTRIC DISTRIBUTION

Line	Description	Distribution
1	Real Property associated with electric distribution	\$65,703,900
2	Assessment Percentage (1)	6.988%
3	Assessment Value	\$4,591,389
4	Real Property Tax Rate	7.7897%
5	Real Property Tax	\$357,656
*forms and a self-black of the Grand and State of the State of Association (Control of State of the State of St		
(1)	DEO 2018 property taxes paid in 2019	
	2018 Real Property per Form 1 Assessed Value	\$65,701,894 \$4,591,153
	Assessment Percentage	6.988%

#### Duke Energy Ohio Revenue Collected Rider DCI

	Calan	der Veer 2010	1
		dar Year 2019	J
		tual Monthly oss Revenues	
January, 2019	\$	4,110,883	•
February , 2019	\$	2,891,991	
March, 2019	\$		
•		2,661,952	
April, 2019	\$	3,371,115	
May, 2019	\$	3,195,727	
June, 2019	\$	3,563,851	
July, 2019	\$	4,625,317	
August, 2019	\$	4,585,352	
September, 2019	\$	4,376,387	
October, 2019	•	,,	
November, 2019			
December, 2019			
December, 2015			
Total	\$	33,382,575	•
Total	-	33,362,373	•
	\$	42,100,000	2019 Revenue Cap (Baseline) (a)
	\$	46,800,000	2019 Revenue Cap (If 2018 reliability target
	\$	(8.717.425)	Amount Above/(Below) Revenue Cap (Bas
	\$		Amount Above/(Below) Revenue Cap (if 2
	Þ	(13,417,423)	Amount Above/(below) Revenue Cap (II 2

<sup>(</sup>a) Per order in Case No. 17-1263-EL-SSO

Duke Energy Ohio Incentives to be removed from Rider DCI

						Outpressed Change	nd (Canital)					
Project		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
Gross Plant Incentives	0,1		\$65,059	\$51,343	\$39,069							
	92	466.000	\$210,908	\$45,792	\$58,169							
	3 2	\$108,214	\$67,722	\$59,377	\$141,365							
Cumulative Gross Plant Incentives		\$324,988	\$795,374	\$1,010,707	\$1,249,309	\$1,249,309	\$1,249,309	\$1,249,309	\$1,249,309	\$1,249,309	\$1,249,309	
Depreciation Expense	91		203	995	847	696	696	696	696	696	696	
	92		657	1,457	1,781	1,963	1,963	1,963	1,963	1,963	1,963	
	Q3	929	1,746	2,324	2,948	3,389	3,389	3,389	3,389	3,389	3,389	
	04	337	886	1,282	1,467	1,467	1,467	1,467	1,467	1,467	1,467	
Accumulated Depreciation	01		(1,216)	(5,070)	(10,980)	(18,145)	(25.932)	(33,719)	(41.505)	(49.292)	(62 024)	
	92		(1,873)	(6,527)	(12,761)	(20,108)	(27.894)	(35.681)	(43.468)	(51.255)	(59.041)	
	co G3	(929)	(3,619)	(8,851)	(15,709)	(23,496)	(31,283)	(39,070)	(46,856)	(54,643)	(62,430)	
	04	(1,013)	(4,504)	(10,133)	(17,176)	(24,963)	(32,750)	(40,536)	(48,323)	(56,110)	(63,897)	
Accumulated Deferred Income Tax	01	OS	(\$513)	(180 CS)	(54 337)	(56 861)	(60 344)	(611 519)	(613 408)	(645 000)	1056 2501	
	07	\$0	(5790)	(\$2,664)	(\$4,991)	(52,514)	(59 917)	(\$12,019)	(513,406)	(\$15,033)	(016,010)	
	60	(\$282)	(\$1,494)	(\$3,532)	(\$6,020)	(\$8.605)	(\$10.873)	(\$12.849)	(\$14.554)	(\$15,040)	(510,810)	
	0.4	(\$427)	(\$1,852)	(\$4,016)	(\$6,525)	(\$9,049)	(\$11,261)	(\$13,185)	(\$14,841)	(\$16,299)	(\$17,650)	
Total Adiustment	5	324 989	703 646	3 003 556	1 222 003	1 200	4 244 022	* 10 4 00.				
	0.0	374 988	792,040	1,001,516	1 731 557	1,224,503	1,214,033	1,204,071	1,194,396	1,184,984	1,1/5,/60	
	8	324,028	790.261	998.324	1,227,580	1 217 208	1 207 153	1 197 390	1 187 899	1,102,034	1,1/3,458	
	0.4	323,548	789,018	996,558	1,225,608	1,215,297	1,205,298	1,195,588	1.186.145	1,176,900	1,167,762	
	Book Life	Tax Life										
Distribution Electric	40	20										
						Tax Deprecation	rcation					
	20 Yr MACRS 150%	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
2016 Q1	3.75%	,										2016
05		•										
8	3.75%	2,032										
2017 Q1		CIO,1	\$610									2012
92			\$1,977									
89		3,912	\$1,188									
		1,953	\$635									
2018 QI	6.68%		\$1,174	5481								2018
3 6		3 618	53,800	5429								
04		1,806	\$1,222	\$557								
2019 Q1			\$1,086	\$927	\$366							2019
Ω2		,	\$3,521	\$826	\$545							
Q3	6.18%	3,348	\$2,115	\$1,062	\$1,325							
04		1,671	\$1,130	\$1,072	80							

												FUECTING DISTRIBUTION PLANT	TUTEDH PLAMT											
the Description	11 49	Feb JB	81 579	Apt 18	Moy 18	han 18	10118	Aug 18	Sep 10	Ort 18	Nov 18	Dec 18	Jan 19	6 of 19	Mar 19	Apr 19	May 19	Jun 39	100 19	Asser 19	100 10	04.19	Mos-19	Der 19
							Deferral Pertod	Pertod											Referred Beachs March	March 1, 2019				
Protected Laces, ADV11. PPSL																					-			
Beginning Belence	\$128,251,155	\$128,172,067	\$128,092,979	\$128.013,880	\$127,934,802	\$127,855,714	\$127,776,826	\$127,697,538	\$127,618,649	\$127,539,363	\$127.460.273	\$127,381,185	\$127,302,006	5127.228.898	\$127.155.600	\$127.082.500	4133 mm to3	5134 876 101	C136 862 004	6114 Jan 108	207 214 202	£130.0.0130m	41.00	
Amortization	(79:08B)	(79,044)	(29:088)	(79 089)	(79 089)	(79.043)	(79,040)	(79.088)	(79,048)	(79,083)	(74,088)	(29.086)	173.1990	(7),1992	(73.390)	(23 1991	123,1981	121.1881	(23,100)	123 1001	(3.1, 100)	Deck of	2448,3744,409	2160,070,0
Ending Balance	\$128,172,067		22	\$127,914,802	\$137,855,714	\$127,776,626	\$127,607,538	\$127,618,440	\$127,539,381	\$127,460,373	\$127,381,185	\$127,302,096	\$127,228,888	\$127,155,899	\$127,082,500	\$127,008,302	\$136,936,103	\$126,862,904	\$126,789,706	\$176,716,507	\$136,643,308	\$126,570,109	\$126,406,911	\$126,423,712
Uperstacted Abits - PML			٠																					
Beginning Balance	\$65,668,714	\$65,767,302	\$45,846,790	\$65,925,479	544,004,567	\$64,083.655	\$66,162,743	\$66,741,833	\$46,320,920	\$46,400,008	\$46,479,086	\$46,538,184	\$46,637,273	\$46,710,471	\$40,783,670	\$46,227,139	\$65,670,609	\$65,114.078	\$4,557,548	\$44,001.017	563,444.486	547.007.056	\$42,111,425	541 274 300
Allihort czatnom															1104-5111	1554 5111	1109-8311	1110 4111	150m 5411	164a 6111	other hate.	10000000		
Transfer of Amortung Prot ADITs (-1.2)	79.088	79.088	79,068	79.088	79,088	79,088	79,088	79,088	79.088	79,088	79 088	79.088	73,199	73,199				1000	10.000	1000	(TOT MEE)	1996,860	(100.001)	PC'RC
Ending Balance	545,767,302	565,846,390		\$46,004.567		\$46,362,743	3	\$46,320,930	\$46,400,008	Sek.479,036	\$46.558.184	\$44.037.273	\$66,710,471	\$64,743,870	\$46,227,139	\$65,670,609	\$45,114,076	\$64,557,548	\$44 001.017	\$63,444,489	\$42,887,936	\$42311.425	\$41,774,885	\$61,218,44
Unecoholied ADITs - Non-TTML																								
Beginning Balance	\$	я	я	8	8	3.	3.	3.	8	8	9.	3.	3	\$	3	ş	S	S	S	S	5	Ş	\$	
Amort calcon																						1	L	
Endong Balance	\$	3.	3.	R	8	S	3.	3.	2	2	2	8	a	ş	3.	S	8	я	8	8	8	8	2	
Lotal Lacon ADITs.																								
Regioning Balance	\$191,939,362	\$193,929,349	\$193,939,369	\$193,939,340	\$193,939,369	\$191,939,346	\$193,939,369	\$193,939,348	\$193,939,369	\$193,939,349	\$193,939,369	\$193,939,368	\$193,939,369	\$191.919.149	\$193,919,369	\$193,300,640	5192 679 615	\$192.050.181	CINT ADD AV	£196 790 131	C180 1A.0 861	C185 L31 364	C100 m/3 5.15	Clear 251 and
Net Amortuation Lipense															(629.729)	1629.7293	1629 7291	16.79.7.261	(6.79 7.28)		6679 7201		16.70.7204	
Ending Balance	\$193,939,369	\$193,939,369	\$193,939,389	\$191,919,109	\$191,919,369		\$193,939,369	\$193,939,360	\$193,939,369	\$197.970 360	\$193,939,349	\$19191918	5101.010.340	\$101.010.160	(191 )De 640	0103474910	C182 040 181	(101,410,44)	C180 380 E12					1000000

Assumptions.

10.00%, whose Award Percent for Use Protected CD(1, Current Percent For Current For Curr

#### Duke Energy Ohio EDIT 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
	Gross Plant	£ 2044 470 £	2044.470	4								
1		\$ 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
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
4	ADIT	(350,327)	(348,699)	(347,071)	(345,444)	(346,868)	(348,293)	(349,717)	(351,142)	(352,089)	(353,037)	(353,984
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
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%
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
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
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
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
11	Incremental CAT	\$816	\$813	\$809	\$806	\$802	\$797	\$793	\$789	\$784	\$780	\$776
12	Total Rider DCI Revenue Requirement	\$ 313,931 \$	312,598	\$ 311.264	5 309,931 \$	308.271 Ś	306.611 S	304,951 \$	303,291	\$ 301,682	\$ 300,073	\$ 298,465

 Book Life
 Tax Life

 35.71
 20.00

			Tax	Book	Gross	Accumulated		
	10 Yr MACRS	Cap Additions	Deprecation	Depreciation	Plant	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
2022Q2	1.67%		\$16,786	14,078	2,011,170	168,939	948	354,932
2022Q3	1.54%		\$15,529	14,078	2,011,170	183,017	508	355,440
2022Q4	1.54%		\$15,529	14,078	2,011,170	197,096	508	355,947
2023Q1	1.54%		\$15,529	14,078	2,011,170	211,174	508	356,455
2023Q2	1.54%		\$15,529	14,078	2,011,170	225,252	508	356,963
2023Q3	1.43%		\$14,362	14,078	2,011,170	239,330	99	357,062
2023Q4	1.43%		\$14,362	14,078	2,011,170	253,409	99	357,162
2024Q1	1.43%		\$14,362	14,078	2,011,170	267,487	99	357,261
2024Q2	1.43%		\$14,362	14,078	2,011,170	281.565	99	357.360

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12/18/2019 3:54:34 PM

in

Case No(s). 19-1943-EL-RDR, 89-6002-EL-TRF

Summary: Report Second Amended 3Q Report of Duke Energy Ohio, Inc. electronically filed by Dianne Kuhnell on behalf of Duke Energy Ohio, Inc. and Watts, Elizabeth H. and Rocco D'Ascenzo