

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)
Duke Energy Ohio, Inc., for Approval)
to Adjust Rider DDR.) Case No. 11-5905-EL-RDR

**DUKE ENERGY OHIO, INC.'S
APPLICATION TO ADJUST AND SET
RIDER DDR**

Pursuant to R.C. 4909.18, Duke Energy Ohio, Inc., (Duke Energy Ohio) requests approval to adjust the rate for its pilot distribution decoupling rider, Rider DDR.

Duke Energy Ohio is an Ohio corporation engaged in the business of supplying electric transmission, distribution, and generation service to customers in southwestern Ohio, all of whom will be affected by this Application, and is a public utility as defined by R. C. 4905.02 and 4905.03. Duke Energy Ohio serves incorporated communities and unincorporated territory within its entire service area, which includes all or parts of Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Ohio.

In support of its Application, Duke Energy Ohio states as follows:

1. This Application is made pursuant to the Finding and Order issued by the Public Utilities Commission of Ohio (Commission) on November 22, 2011, in Case Nos. 11-3549-EL-SSO, wherein the Commission adopted and approved the Stipulation filed by the Parties that included an agreement the Duke Energy Ohio would subsequently file for approval of a distribution decoupling mechanism to adjust rates between rate cases. Subsequent to the Commission's approval of the Stipulation in that proceeding, Duke Energy Ohio did file an application for approval of a pilot decoupling

mechanism. That application was approved by the Commission in a Finding and Order on May 30, 2012 in Case No. 11-5905-EL-RDR.

2. In its Finding and Order in Case No. 11-5905-EL-RDR, the Commission approved the proposed decoupling mechanism and directed the Company to accrue positive or negative differences in a balancing account specific to each rate class and to submit an application to adjust Rider DDR by March 1 of each year.
3. At the conclusion of the pilot, Duke Energy Ohio was to provide a report to the Commission discussing the results of the pilot and justification for extending or terminating the program. Duke Energy Ohio filed a report on August 28, 2015.
4. Attachment 1 to this Application shows the calculation of the proposed rider rates. The proposed rider rates are \$0.001741 per kWh for all residential rates, \$0.000862 per kWh for Rate EH, and \$0.002097 per kWh for Rate DM. The current rider rates are \$0.000117 per kWh for all residential rates, \$0.000775 per kWh for Rate EH, and (\$0.000203) per kWh for Rate DM.
5. Page 1 of Attachment 1 shows the Rider DDR rate calculations. The revenue requirement has two main components: revenues required to true-up calendar year 2018 base distribution revenues against the approved base distribution revenues, and a reconciliation of prior years' allowed revenues to be collected during July 2013 through December 2018 against actual Rider DDR revenues collected during that same period.
6. Pages 3 through 14 of Attachment 1 show the detailed decoupling revenue calculations for 2018 by month. Page 2 summarizes the numbers contained on pages 3 through 14.

7. Page 15 of Attachment 1 shows the customer counts by rate and month for the period January through December 2018.
8. Page 16 of Attachment 1 shows the weather normalized actual kWh by rate and month for the period January through December 2018.
9. Page 17 of Attachment 1 shows the base distribution rates that are included in the calculations on pages 3 through 14.
10. Page 18 of Attachment 1 shows the calculation of the base distribution revenue per customer , excluding customer charges, as approved in Case No. 12-1682-EL-AIR. These reference numbers are used in the 2018 decoupling calculations. Base distribution rates that were approved in Case No. 12-1682-EL-AIR were effective May 6, 2013.
11. Page 19 of Attachment 1 shows the actual Rider DDR revenues for the period July 2013 through December 2018.
12. Page 20 of Attachment 1 shows the calculation of the three percent cap on rates for Rider DDR. The cap is applied to Rate EH on page 1.
13. Page 21 of Attachment 1 shows the kWh forecast for January 2019 through December 2020. Numbers from this page appear on page 1 in the calculation of the proposed Rider DDR rates to be effective beginning July 1, 2019.
14. These rates for Duke Energy Ohio customers subject to Rider DDR are just and reasonable and should be approved. A copy of the proposed tariff sheet is included as Attachment 2 to this Application.

WHEREFORE, Duke Energy Ohio respectfully requests that the Commission approve the new decoupling distribution rider rate for Rider DDR as proposed in this Application.

Respectfully submitted,

Duke Energy Ohio, Inc.

/s/ Elizabeth H. Watts

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DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DISTRIBUTION DECOUPLING) RATES EFFECTIVE JULY 1, 2019 - JUNE 30, 2020

PAGE 1
ATTACHMENT 1

	Previous Filing Reconciliation							Total Requirement Decoupling Revenues To Be Recovered July 2018 - June 2019 I = A + B + C + D + E + F + G + H	Billed Determinants kWh July 2019 - June 2020 J	Rider DDR Rates Effective July 2018 - June 2019 K = I / J
	CY2017 Decoupling Feb 2013 Filing DDR Revenues	CY2013 Decoupling Feb 2014 Filing DDR Revenues	CY2014 Decoupling Feb 2015 Filing DDR Revenues	CY2015 Decoupling Feb 2016 Filing DDR Revenues	CY2016 Decoupling Feb 2017 Filing DDR Revenues	CY2017 Decoupling Feb 2018 Filing DDR Revenues	Less: DDR Revenues Jul 2013 - Dec 2018 Actual G			
	Allowed ¹ A	Allowed ² B	Allowed ³ C	Allowed ⁴ D	Allowed ⁵ E	Allowed ⁶ F				
Residential (RS, RSP, RSL, ORH, TD)	\$5,358,114	\$1,168,781	-\$536,423	\$971,709	\$3,580,531	\$5,313,253	\$7,976,996	\$4,718,185	\$12,597,154	\$0.001741
EH	\$719,318	\$241,128	-\$172,956	-\$123,296	-\$61,469	-\$70,923	\$364,321	-\$157,351	3% Cap Applied ⁶ \$57,077	\$0.000862
DM	-\$1,213,534	-\$673,197	-\$154,822	-\$138,466	\$349,113	\$560,825	-\$2,342,375	\$140,320	\$1,212,614	\$0.002097
Total	\$4,863,898	\$736,712	-\$864,201	\$709,947	\$3,868,175	\$5,803,155	\$5,898,941	\$4,701,154	\$13,866,845	7,878,702,522

¹ Application dated February 26, 2013. Attachment 1 page 1.

² Application dated February 26, 2014. Attachment 1 page 2.

³ Application dated February 25, 2015. Attachment 1 page 2.

⁴ Application dated February 29, 2016. Attachment 1 page 2.

⁵ Application dated February 10, 2017. Partial year allowed revenues calculated on page 2 of this work paper.

⁶ Three percent cap in effect for Rate EH. Cap calculated on page 21.

⁷ From page 2 of this work paper.

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 2

A

January 2017 Actual, Weather Normalized (from page 3)										
NON-RESIDENTIAL		RESIDENTIAL								
DM	EH	ORH	ORHP	RS	CUR	RSPP	RSLI	RSPP	TD	TD
572,799,994	67,672,977	6,297,924	67,799	6,999,410,191	86,424,870	6,056,368	48,895,371	248,516,101	289,722	

B

January 2017 Actual (from page 2)										
NON-RESIDENTIAL		RESIDENTIAL								
DM	EH	ORH	ORHP	RS	CUR	RSPP	RSLI	RSPP	TD	TD
498,676	5,834	2,317	29	7,388,257	170,893	2,237	61,093	224,609	204	

C

NON-RESIDENTIAL		RESIDENTIAL								
2017 Distribution Revenue										
D1										
2017 Residential Distribution Revenue										
E = D / B										
2017 Revenue Per Customer										
E1 = D / B										
2017 Residential Rev per Customer										
		\$16,916,172	\$1,115,115	\$1,339	\$1,766,618,793	\$2,190,179	\$153,480	\$1,239,106	\$6,297,895	\$5,291
		\$93.92	\$191.14	\$46.19	\$23.91	\$186,632,542	\$12.82	\$68.61	\$20.28	\$28.04
						\$23.78				\$25.94

F

NON-RESIDENTIAL		RESIDENTIAL								

G = (F * B)

NON-RESIDENTIAL		RESIDENTIAL								
2012 Authorized Revenue Adjusted										
For 2017 Customer Count										
		\$17,056,492	\$957,765	\$1,632.37	\$181,979,552.74	\$2,335,588.89	\$124,503.74	\$1,241,093.93	\$5,532,325.87	\$5,608.50
				\$56.29	\$24.63	\$191,350,727	\$13.67	\$55.66	\$20.31	\$24.63
						\$24.38				\$27.49

H = G - D

NON-RESIDENTIAL		RESIDENTIAL								
Decoupling True-up Revenue										
		\$140,320	-\$157,351	\$3,964	\$293	\$5,360,760	\$145,410	-\$28,977	\$1,987	-\$765,569
				\$1.71	\$10.10	\$0.73	\$4,718,185	\$0.85	-\$12.95	-\$3.41
							\$0.60	\$0.03		\$1.55

Decoupling True-up Revenue

\$4,701,155

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 3

	January 2018 Actual, Weather Normalized (from page 3)									
	NON-RESIDENTIAL					RESIDENTIAL				
kWh	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
A	54,649,275	12,734,247	1,021,720	15,616	753,725,583	9,346,265	638,303	5,900,003	28,193,742	30,233

	January 2018 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
No. Bills	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
B	41,377	732	193	3	614,844	14,212	187	5,407	19,283	17

	RESIDENTIAL									
	Note 1									
C	Distribution Rate (\$ per kWh)	\$0.016478	\$0.018012	\$0.018012	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016630
D = A * C	2018 Distribution Revenue	\$729,835	\$18,404	\$281	\$19,100,914	\$236,853	\$16,176	\$149,518	\$714,486	\$503
D1	2018 Residential Distribution Revenue				\$20,237,134					
E = D / B	2018 Revenue Per Customer	\$34.41	\$95.35	\$93.76	\$31.07	\$16.67	\$86.50	\$27.65	\$37.05	\$29.57
E1 = D / B	2018 Residential Rev per Customer				\$30.94					

	RESIDENTIAL									
F	2012 Authorized Revenue Per Customer	34.20	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

	RESIDENTIAL									
G = (F * B)	2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,415,240	\$120,172	\$168.87	\$15,144,172.18	\$194,234.93	\$10,407.78	\$109,842.29	\$474,957.99	\$467.38
			\$56.29	\$56.29	\$24.63	\$15,945,115	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.38				

	RESIDENTIAL									
H = G - D	Decoupling True-up Revenue	-\$8,554	-\$89,663	-\$112	-\$3,956,742	-\$42,618	-\$5,768	-\$39,676	-\$239,528	-\$35
			-\$39.07	-\$37.47	-\$6.44	-\$4,292.019	-\$30.85	-\$7.34	-\$12.42	-\$2.08
						-\$6.56				

Decoupling True-up Revenue \$4,390,236

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 4

February 2018 Actual, Weather Normalized (from page 3)

kWh	NON-RESIDENTIAL		RESIDENTIAL									
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD		
A	49,703,229	10,453,920	763,639	9,529	674,801,245	9,502,116	611,313	5,304,789	26,566,805	34,696		

February 2018 Actual (from page 2)

No. Bills	NON-RESIDENTIAL		RESIDENTIAL									
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD		
B	41,387	731	194	2	615,804	14,235	189	5,371	19,193	17		

	NON-RESIDENTIAL		RESIDENTIAL									
C												
D = A * C	\$0.026053	\$0.016478	\$0.018012	\$0.018012	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016630	
D1	\$1,294,934	\$172,260	\$13,755	\$172	\$17,100,813	\$240,803	\$15,492	\$134,434	\$673,256	\$577		
E = D / B	\$31.29	\$235.65	\$70.90	\$85.82	\$27.77	\$18,175,301	\$16.92	\$81.97	\$25.03	\$35.08	\$33.94	
E1 = D / B						\$27.75						

	NON-RESIDENTIAL		RESIDENTIAL									
F	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49		

	NON-RESIDENTIAL		RESIDENTIAL									
G = (F * B)	\$1,415,582	\$120,008	\$10,919.99	\$112.58	\$15,167,817.86	\$194,549.27	\$10,519.09	\$109,110.95	\$472,741.21	\$467.38		
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49		
						\$24.38						

	NON-RESIDENTIAL		RESIDENTIAL									
H = G - D	\$120,649	-\$52,252	-\$2,835	-\$59	-\$1,932,995	-\$46,253	-\$4,973	-\$25,323	-\$200,515	-\$110		
			-\$14.61	-\$29.53	-\$3.14	-\$3.25	-\$26.31	-\$4.71	-\$10.45	-\$6.45		
						-\$3.38						

Decoupling True-up Revenue

\$2,144,666

DUKE ENERGY OHIO
CALCULATION OF RIDER DOR (DECOUPLING)

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March 2018 Actual, Weather Normalized (from page 3)

kWh	NON-RESIDENTIAL				RESIDENTIAL					
	DM	EH	ORH	ORHP	RS	RS3P	RSI	RSPP	TD	
A	44,452,180	8,457,771	613,554	6,137	583,005,523	8,780,137	525,488	4,518,028	22,909,768	25,562

March 2018 Actual (from page 2)

No. Bills	NON-RESIDENTIAL				RESIDENTIAL					
	DM	EH	ORH	ORHP	RS	RS3P	RSI	RSPP	TD	
B	41,394	736	193	2	615,503	14,233	187	5,295	19,180	17

	RESIDENTIAL									
	DM	EH	ORH	ORHP	RS	RS3P	RSI	RSPP	TD	Note 1
C	\$0.026053	\$0.016478	\$0.018012	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016630
D = A * C	\$1,158,126	\$139,367	\$111	\$14,774,526	\$222,506	\$13,317	\$114,496	\$580,579	\$425	
D1										
E = D / B	\$27.98	\$189.36	\$57.26	\$55.27	\$24.00	\$15.63	\$71.21	\$21.62	\$30.27	\$25.01
E1 = D / B						\$24.01				

	RESIDENTIAL									
	DM	EH	ORH	ORHP	RS	RS3P	RSI	RSPP	TD	
F	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

	RESIDENTIAL									
	DM	EH	ORH	ORHP	RS	RS3P	RSI	RSPP	TD	
G = (F * B)	\$1,415,822	\$120,829	\$10,863.70	\$112.58	\$15,160,403.96	\$194,521.93	\$10,407.78	\$107,567.03	\$472,421.01	\$467.38
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.38				

	RESIDENTIAL									
	DM	EH	ORH	ORHP	RS	RS3P	RSI	RSPP	TD	
H = G - D	\$257,696	-\$18,538	-\$188	\$2	\$385,878	-\$27,984	-\$2,909	-\$6,929	-\$108,158	\$42
Decoupling True-up Revenue						\$239,754				
			-\$0.97	\$1.02	\$0.63	-\$1.97	-\$15.56	-\$1.31	-\$5.64	\$2.49
						\$0.37				

Decoupling True-up Revenue

-\$478,911

DUKE ENERGY OHIO
CALCULATION OF RIDER DOR (DECOUPLING)

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April 2018 Actual, Weather Normalized (from page 3)

kWh	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	RS3P	CUR	RSI	RSPP	TD
A	44,405,794	7,959,174	514,259	5,776	490,373,312	7,504,894	429,194	3,769,042	19,459,933	23,164

April 2018 Actual (from page 2)

No. Bills	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	RS3P	CUR	RSI	RSPP	TD
B	41,429	726	194	2	614,322	14,207	188	5,225	18,971	17

	NON-RESIDENTIAL		RESIDENTIAL							
										Note 1
C	Distribution Rate (\$ per kWh)	\$0.016478	\$0.018012	\$0.018012	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016630
D	2018 Distribution Revenue	\$1,156,918	\$9,263	\$104	\$12,427,040	\$190,189	\$10,877	\$95,515	\$493,154	\$385
D1	2018 Residential Distribution Revenue					\$13,226,527				
E	2018 Revenue Per Customer	\$27.93	\$47.75	\$52.02	\$20.23	\$13.39	\$57.85	\$18.28	\$26.00	\$22.66
E1	2018 Residential Rev per Customer				\$20.25					

	NON-RESIDENTIAL		RESIDENTIAL							
F	2012 Authorized Revenue Per Customer	34.20	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

	NON-RESIDENTIAL		RESIDENTIAL							
G	2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,417,019	\$119,187	\$112.58	\$15,131,314.84	\$194,166.59	\$10,463.43	\$106,144.99	\$467,273.15	\$467.38
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.38				

	NON-RESIDENTIAL		RESIDENTIAL							
H	Decoupling True-up Revenue	\$260,101	\$1,657	\$9	\$2,704,274	\$3,978	-\$413	\$10,630	-\$25,880	\$82
			\$8.54	\$4.27	\$4.40	\$0.28	-\$2.20	\$2.03	-\$1.36	\$4.83
						\$4.13				

-\$2,942,473

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

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A

May 2018 Actual, Weather Normalized (from page 3)											
kWh	NON-RESIDENTIAL			RESIDENTIAL							
	DM	EH		ORH	ORHP	RS	CJR	RS3P	RSU	RSPP	TD
	39,274,054	6,047,081		301,169	3,179	378,135,748	5,598,531	347,378	2,822,343	13,603,554	15,687

B

May 2018 Actual (from page 2)											
No. Bills	NON-RESIDENTIAL			RESIDENTIAL							
	DM	EH		ORH	ORHP	RS	CJR	RS3P	RSU	RSPP	TD
	41,411	732		192	2	615,481	14,217	188	5,171	18,971	17

C

RESIDENTIAL											
Distribution Rate (\$ per kWh)	\$0.026053	\$0.016478		\$0.018012	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016630
2018 Distribution Revenue	\$1,023,219	\$99,644		\$5,425	\$57	\$9,608,058	\$141,827	\$8,803	\$66,455	\$344,741	\$261
2018 Residential Distribution Revenue							\$10,175,628				
2018 Revenue Per Customer	\$24.71	\$136.13		\$28.25	\$28.63	\$15.61	\$9.98	\$46.83	\$12.85	\$18.17	\$15.35
2018 Residential Rev per Customer							\$15.55				

F

RESIDENTIAL											
2012 Authorized Revenue Per Customer	34.20	164.17		56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

G = (F * B)

RESIDENTIAL											
2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,416,403	\$120,172		\$10,807.41	\$112.58	\$15,159,862.08	\$194,303.26	\$10,463.43	\$105,047.99	\$467,273.15	\$467.38
				\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
							\$15,948,337				
							\$24.38				

H = G - D

RESIDENTIAL											
Decoupling True-up Revenue	\$393,184	\$20,528		\$5,383	\$55	\$5,551,804	\$52,476	\$1,660	\$38,593	\$122,532	\$207
				\$28.03	\$27.66	\$9.02	\$3.69	\$8.83	\$7.46	\$6.46	\$12.15
							\$8.82				

Decoupling True-up Revenue - Jan	\$4,390,236
Decoupling True-up Revenue - Feb	\$2,144,666
Decoupling True-up Revenue - Mar	-\$478,911
Decoupling True-up Revenue - Apr	-\$2,942,473
Decoupling True-up Revenue - May	-\$6,186,422
Decoupling True-up Revenue - Jun	-\$745,464
Decoupling True-up Revenue - Jul	\$2,369,441
Decoupling True-up Revenue - Aug	\$2,633,836
Decoupling True-up Revenue - Sept	\$1,498,858
Decoupling True-up Revenue - Oct	-\$3,526,978
Decoupling True-up Revenue - Nov	-\$4,551,664
Decoupling True-up Revenue - Dec	\$693,720
-\$4,701,155 Under collected	

DUKE ENERGY OHIO
CALCULATION OF RIDER DOR (DECOUPLING)

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June 2018 Actual, Weather Normalized (from page 3)

kWh	RESIDENTIAL									
DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD	
47,458,378	11,324	353,085	2,453	559,207,428	5,857,284	444,565	3,639,413	18,079,325	18,218	

A

June 2018 Actual (from page 2)

No. Bills	RESIDENTIAL									
DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD	
41,709	9	194	2	613,475	14,239	175	5,108	18,716	17	

B

RESIDENTIAL										Note 1
Distribution Rate (\$ per kWh)	\$0.035453	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.021091
2018 Distribution Revenue	\$1,682,553	\$187	\$62	\$14,171,435	\$148,435	\$11,266	\$92,230	\$458,166	\$384	
2018 Residential Distribution Revenue					\$14,890,927					
2018 Revenue Per Customer	\$40.34	\$20.73	\$31.08	\$23.10	\$10.42	\$64.38	\$18.06	\$24.48	\$22.60	
2018 Residential Rev per Customer					\$22.84					

C
D = A * C
D1
E = D / B
E1 = D / B

NON-RESIDENTIAL										RESIDENTIAL									
2012 Authorized Revenue Per Customer										2012 Authorized Revenue Per Customer									
34.20										164.17									
56.29										56.29									
24.63										24.63									
13.67										13.67									
55.66										55.66									
20.31										20.31									
24.63										24.63									
27.49										27.49									

F

2012 Authorized Revenue Adjusted For 2018 Customer Count	NON-RESIDENTIAL		RESIDENTIAL						
	\$1,426,596	\$1,478	\$10,919.99	\$112.58	\$15,110,452.45	\$194,603.93	\$9,739.90	\$103,768.15	\$460,992.26
						\$15,891,057			
						\$13.67	\$55.66	\$20.31	\$24.63
G = (F * B)			\$56.29	\$56.29	\$24.63		\$24.38		\$27.49

G = (F * B)

NON-RESIDENTIAL										RESIDENTIAL									
Decoupling True-up Revenue																			
H = G - D																			
-\$255,957										\$1,291									
\$1,972										\$50									
\$939,018										\$46,169									
-\$1,526										\$11,538									
\$2,826										\$53									
\$1,000,130																			
\$3.24										-\$8.72									
\$2.26										\$0.15									
\$10.17										\$25.21									
\$1.53																			

H = G - D

Decoupling True-up Revenue

-\$745,464

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

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July 2018 Actual, Weather Normalized (from page 3)

kWh	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
A	54,397,930	10,008	405,290	2,618	668,482,863	6,208,427	492,522	4,349,544	21,447,208	27,620

July 2018 Actual (from page 2)

No. Bills	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
B	41,772	6	196	2	614,282	14,220	184	5,050	18,498	17

	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
C	\$0.035453	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.021091
D = A * C	\$1,928,583	\$165	\$10,271	\$66	\$16,940,693	\$157,334	\$12,481	\$110,226	\$543,515	\$583
D1										
E = D / B	\$46.17	\$27.49	\$52.40	\$33.17	\$27.58	\$11.06	\$67.83	\$21.83	\$29.38	\$34.27
E1 = D / B										

	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
F	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
G = (F * B)	\$1,428,751	\$985	\$11,032.57	\$112.58	\$15,130,329.61	\$194,344.26	\$10,240.81	\$102,589.89	\$455,622.72	\$467.38
2012 Authorized Revenue Adjusted For 2018 Customer Count			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49

	NON-RESIDENTIAL		RESIDENTIAL							
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD
H = G - D	-\$495,832	\$820	\$762	\$46	-\$1,810,363	\$37,010	-\$2,241	-\$7,636	-\$87,892	-\$115
Decoupling True-up Revenue			\$3.89	\$23.12	-\$2.95	\$2.60	-\$12.18	-\$1.51	-\$4.75	-\$6.77

\$2,369,441

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DOR (DECOUPLING)

PAGE 10

A

August 2018 Actual, Weather Normalized (from page 3)											
NON-RESIDENTIAL			RESIDENTIAL								
DM	EH		ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD	
52,960,918	-201		412,015	4,697	679,233,501	6,653,848	527,447	4,433,187	22,283,640	26,812	

B

August 2018 Actual (from page 2)											
NON-RESIDENTIAL			RESIDENTIAL								
DM	EH		ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD	
41,758	0		193	3	614,107	14,211	185	4,996	18,485	17	

C

RESIDENTIAL											
Note 2											
Distribution Rate (\$ per kWh)	\$0.035453	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.021091
2018 Distribution Revenue	\$1,877,636	-\$3	\$119	\$17,213,135	\$168,622	\$13,367	\$112,346	\$564,712	\$565	\$565	\$565
2018 Residential Distribution Revenue					\$18,083,307						
2018 Revenue Per Customer	\$44.96	#DIV/0!	\$39.68	\$28.03	\$11.87	\$72.25	\$22.49	\$30.55	\$30.55	\$30.55	\$33.26
2018 Residential Rev per Customer					\$27.73						

F

RESIDENTIAL											
2012 Authorized Revenue Per Customer	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49	

G = (F * B)

RESIDENTIAL											
2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,428,272	\$0	\$10,863.70	\$168.87	\$15,126,019.19	\$194,221.26	\$10,296.46	\$101,492.89	\$455,302.52	\$467.38	
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49	
						\$24.38					

H = G * D

RESIDENTIAL											
Decoupling True-up Revenue	-\$449,364	\$3	\$422	\$50	-\$2,087,116	\$25,599	-\$3,070	-\$10,853	-\$109,409	-\$98	
			\$2.19	\$16.61	-\$3.40	\$1.80	-\$16.60	-\$2.17	-\$5.92	-\$5.77	
						-\$3.35					

Decoupling True-up Revenue

\$2,633,836

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 11

September 2018 Actual, Weather Normalized (from page 3)

kWh	NON-RESIDENTIAL				RESIDENTIAL						
	DM	EH	ORH	ORHP	RS	RS3P	CUR	RSI	RSPP	TD	
A	53,180,790	4,036	381,550	4,396	637,764,810	6,353,181	502,913	4,026,982	20,162,975	25,212	

September 2018 Actual (from page 2)

No. Bills	NON-RESIDENTIAL				RESIDENTIAL						
	DM	EH	ORH	ORHP	RS	RS3P	CUR	RSI	RSPP	TD	
B	41,752	0	192	3	615,121	14,262	182	4,936	18,275	17	

C	NON-RESIDENTIAL				RESIDENTIAL						
	D = A * C	D1	E = D / B	E1 = D / B							Note 1
	\$0.035453	\$0.016478	\$67	\$45.16	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.021091
	\$1,885,431	\$67		#DIV/0!	\$111	\$16,162,236	\$12,745	\$102,052	\$510,970	\$532	
					\$16,959,317	\$11.29	\$70.03	\$20.67	\$27.96	\$31.28	
					\$25.97						

F	NON-RESIDENTIAL				RESIDENTIAL						
	34.20	164.17			56.29	56.29	24.63	13.67	55.66	20.31	24.63
											27.49

G = (F * B)	NON-RESIDENTIAL				RESIDENTIAL						
	\$1,428,067	\$0			\$10,807.41	\$168.87	\$15,150,994.95	\$194,918.28	\$10,129.49	\$100,274.00	\$450,130.03
					\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63
								\$24.38			\$27.49

H = G * D	NON-RESIDENTIAL				RESIDENTIAL						
	Decoupling True-up Revenue	-\$457,365	-\$67		\$1,138	\$57	-\$1,011,241	\$33,916	-\$2,615	-\$1,778	-\$60,840
								-\$1,041,427			-\$64
					\$5.93	\$19.15	-\$1.64	\$2.38	-\$14.37	-\$0.36	-\$3.33
								-\$1.59			-\$3.79

\$1,498,858

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

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October 2018 Actual, Weather Normalized (from page 3)

kWh	NON-RESIDENTIAL				RESIDENTIAL						
	DM	EH	ORH	ORHP	RS	RS3P	CUR	RSLI	RSPP	TD	
A	42,772,615	5,818,935	318,673	3,031	478,833,571	5,761,957	443,786	3,032,171	15,865,328	18,809	

October 2018 Actual (from page 2)

No. Bills	NON-RESIDENTIAL				RESIDENTIAL						
	DM	EH	ORH	ORHP	RS	RS3P	CUR	RSLI	RSPP	TD	
B	41,513	718	192	3	617,996	14,259	191	4,884	18,306	17	

NON-RESIDENTIAL											
C	Distribution Rate (\$ per kWh)	\$0.026338	\$0.016478	\$0.019084	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017216
D	2018 Distribution Revenue	\$1,126,545	\$95,884	\$58	\$12,134,600	\$146,020	\$11,246	\$76,841	\$402,059	\$324	
D1	2018 Residential Distribution Revenue					\$12,777,230					
E	2018 Revenue Per Customer	\$27.14	\$133.54	\$19.28	\$19.64	\$10.24	\$58.88	\$15.73	\$21.96	\$19.05	
E1	2018 Residential Rev per Customer				\$19.48						

NON-RESIDENTIAL											
F	2012 Authorized Revenue Per Customer	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

NON-RESIDENTIAL											
G	2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,419,892	\$117,874	\$10,807.41	\$168.87	\$15,221,808.83	\$194,877.27	\$10,630.40	\$99,217.63	\$450,893.59	\$467.38
				\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
							\$24.38				

NON-RESIDENTIAL											
H	Decoupling True-up Revenue	\$293,347	\$21,989	\$4,726	\$111	\$3,087,208	\$48,858	-\$616	\$12,376	\$48,834	\$144
				\$24.61	\$37.01	\$5.00	\$3.43	-\$3.23	\$4.58	\$2.67	\$8.44
							\$4.90				

Decoupling True-up Revenue

-\$3,526,978

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

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November 2018 Actual, Weather Normalized (from page 3)												
kWh	NON-RESIDENTIAL				RESIDENTIAL							
	DM	EH	6,620,721	ORH	ORHP	RS	CUR	RS3P	RSLI	RSPP	TD	16,904
A	40,957,599			483,113	4,420	439,458,172	6,337,053	432,675	3,033,896	16,458,013		

November 2018 Actual (from page 2)												
No. Bills	NON-RESIDENTIAL				RESIDENTIAL							
	DM	EH	724	ORH	ORHP	RS	CUR	RS3P	RSLI	RSPP	TD	17
B	41,524			192	3	618,906	14,303	190	4,849	18,336		

	NON-RESIDENTIAL				RESIDENTIAL							
												Note 1
C	Distribution Rate (\$ per kWh)	\$0.026338	\$0.016478	\$0.019084	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017216
D1	2018 Distribution Revenue	\$1,078,741	\$109,096	\$84	\$11,136,749	\$160,594	\$10,965	\$76,885	\$417,079	\$291		
E = D / B	2018 Residential Distribution Revenue					\$11,811,485						
E1 = D / B	2018 Revenue Per Customer	\$25.98	\$150.69	\$28.12	\$17.99	\$11.23	\$57.71	\$15.86	\$22.75	\$17.12		
	2018 Residential Rev per Customer					\$17.98						

NON-RESIDENTIAL				RESIDENTIAL							
F	2012 Authorized Revenue Per Customer	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49

NON-RESIDENTIAL				RESIDENTIAL							
G = (F * B)	2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,420,268	\$118,859	\$10,807.41	\$168.87	\$15,244,222.97	\$195,478.62	\$10,574.75	\$98,506.61	\$451,632.51	\$467.38
				\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
							\$24.38				

NON-RESIDENTIAL				RESIDENTIAL							
H = (F * B)	Decoupling True-up Revenue	\$341,527	\$9,762	\$1,969	\$85	\$4,107,474	\$34,885	-\$390	\$21,622	\$34,554	\$176
				\$10.26	\$28.17	\$6.64	\$2.44	-\$2.05	\$4.46	\$1.88	\$10.37
							\$6.40				

Decoupling True-up Revenue

-\$4,551,664

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

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A

December 2018 Actual, Weather Normalized (from page 3)											
NON-RESIDENTIAL				RESIDENTIAL							
DM	EH	ORH	ORHP	RS	CUR	RS3P	RSLI	RSPP	TD		
48,587,232	9,555,961	749,857	5,947	625,388,437	8,523,177	660,784	4,265,973	23,485,810	26,805		

B

December 2018 Actual (from page 2)											
NON-RESIDENTIAL				RESIDENTIAL							
DM	EH	ORH	ORHP	RS	CUR	RS3P	RSLI	RSPP	TD		
41,650	720	192	2	618,416	14,295	191	4,801	18,395	17		

C

RESIDENTIAL											
Note 1											
Distribution Rate (\$ per kWh)	\$0.016478	\$0.019084	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017216	
2018 Distribution Revenue	\$1,279,691	\$14,310	\$113	\$15,848,594	\$215,994	\$16,746	\$108,108	\$595,177	\$461		
2018 Residential Distribution Revenue					\$16,799,505						
2018 Revenue Per Customer	\$30.72	\$74.53	\$56.75	\$25.63	\$15.11	\$87.67	\$22.52	\$32.36	\$27.15		
2018 Residential Rev per Customer					\$25.60						

F

RESIDENTIAL											
2012 Authorized Revenue Per Customer	34.20	56.29	56.29	24.63	13.67	55.66	20.31	24.63	27.49		

G = (F * B)

RESIDENTIAL											
2012 Authorized Revenue Adjusted For 2018 Customer Count	\$1,424,578	\$118,202	\$112.58	\$15,232,153.82	\$195,369.28	\$10,630.40	\$97,531.50	\$453,085.74	\$467.38		
					\$16,000,158						
					\$13.67	\$55.66	\$20.31	\$24.63	\$27.49		
					\$24.38						

H = G - D

RESIDENTIAL											
Decoupling True-up Revenue	\$144,888	-\$39,761	-\$1	-\$616,440	-\$20,625	-\$6,115	-\$10,577	-\$142,082	\$6		
					-\$799,347						
					-\$1.44	-\$32.02	-\$2.20	-\$7.72	\$0.35		
					-\$1.22						

\$693,720

Decoupling True-up Revenue

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DUKE ENERGY OHIO
CALCULATION OF FIDER DCR (DECOUPLING) RATES
ACTUAL CUSTOMER COUNTS

Sum of Customer Strategies																
MONTH	DM	EH	ORH	ORHP	RS	RS51	RS52	RS53	RS54	RS55	RS56	RS57	RS58	RS59	Grand Total	
Jan-18	41,377	722	183	183	814,844	14,212	187	5,407	18,283	17	1001	1002	1003	1004	896,230	
Feb-18	41,384	728	184	184	815,504	14,235	187	5,271	18,183	17	1001	1002	1003	1004	897,123	
Mar-18	41,429	728	184	184	814,322	14,307	189	5,225	18,871	17	1001	1002	1003	1004	898,240	
Apr-18	41,411	732	182	182	815,481	14,217	189	5,171	18,871	17	1001	1002	1003	1004	899,382	
May-18	41,701	728	184	184	815,479	14,220	179	5,108	18,718	17	1001	1002	1003	1004	899,381	
Jun-18	41,772	6	184	184	814,322	14,220	184	5,000	18,718	17	1001	1002	1003	1004	899,381	
Jul-18	41,778	0	183	183	814,107	14,211	185	4,986	18,485	17	1001	1002	1003	1004	899,344	
Aug-18	41,788	0	183	183	815,121	14,282	182	4,986	18,485	17	1001	1002	1003	1004	899,344	
Sep-18	41,752	0	182	182	815,121	14,282	182	4,938	18,275	17	1001	1002	1003	1004	899,344	
Oct-18	41,513	718	181	181	817,866	14,289	181	4,864	18,308	17	1001	1002	1003	1004	899,344	
Nov-18	41,523	724	182	182	817,866	14,289	181	4,864	18,308	17	1001	1002	1003	1004	899,344	
Dec-18	41,850	720	182	182	818,418	14,285	181	4,801	18,285	17	1001	1002	1003	1004	899,344	

Source: Duke Energy Ohio Revenue Reports

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DUKE ENERGY OHIO
CALCULATION OF RIDER DGR (DECOUPLING) RATES
ACTUAL USAGE WEATHER NORMALIZED - JANUARY - DECEMBER

Weather Normal ORH	ORHP	RS	RS01	RS3P	RSU	RSPP	TD	TD01	TD02	TD03	TD04	TD05	TD06	TD07	TD08	TD09
Jan-18	1,021,720	15,616	753,725,583	9,346,265	638,303	5,900,003	28,193,742	30,233	-	-	-	-	-	-	-	-
Feb-18	763,639	9,529	674,801,245	9,502,116	611,313	5,304,789	26,566,805	34,696	-	-	-	-	-	-	-	-
Mar-18	613,554	6,137	583,005,523	8,780,137	525,488	4,518,028	22,909,768	25,562	-	-	-	-	-	-	-	-
Apr-18	514,259	5,776	490,373,312	7,504,894	428,194	3,769,042	19,459,933	23,164	-	-	-	-	-	-	-	-
May-18	301,169	3,179	379,135,746	5,596,531	347,378	2,622,343	13,603,554	15,687	-	-	-	-	-	-	-	-
Jun-18	353,085	2,453	559,207,428	5,657,284	444,565	3,699,413	18,079,325	18,218	-	-	-	-	-	-	-	-
Jul-18	405,290	2,618	668,482,863	6,208,427	492,522	4,349,544	21,447,208	27,620	-	-	-	-	-	-	-	-
Aug-18	412,015	4,697	679,233,501	6,653,848	527,447	4,433,187	22,283,640	26,812	-	-	-	-	-	-	-	-
Sep-18	381,550	4,396	637,764,810	6,353,181	502,913	4,026,982	20,162,975	25,212	-	-	-	-	-	-	-	-
Oct-18	318,673	3,031	478,833,571	5,761,957	443,786	3,032,171	15,465,378	18,009	-	-	-	-	-	-	-	-
Nov-18	463,113	4,420	439,458,172	6,337,053	432,675	3,033,896	16,458,013	16,904	-	-	-	-	-	-	-	-
Dec-18	749,857	5,947	625,388,437	8,523,177	660,784	4,265,973	23,485,810	26,805	-	-	-	-	-	-	-	-
Total	6,297,924	87,799	6,969,410,191	88,424,870	6,056,388	48,895,371	248,516,101	289,722	-	-	-	-	-	-	-	-

Weather Normal DM	Weather Normal EH
Jan-18	54,649,275
Feb-18	49,703,229
Mar-18	44,452,180
Apr-18	44,405,794
May-18	39,274,054
Jun-18	47,458,378
Jul-18	54,397,930
Aug-18	52,960,918
Sep-18	53,180,790
Oct-18	42,772,615
Nov-18	40,957,599
Dec-18	48,587,232
Total	572,799,994

Weather Normal EH	
Jan-18	12,734,247
Feb-18	10,453,920
Mar-18	8,457,771
Apr-18	7,959,174
May-18	6,047,081
Jun-18	11,324
Jul-18	10,008
Aug-18	(201)
Sep-18	4,036
Oct-18	5,818,935
Nov-18	6,620,721
Dec-18	9,555,961

DUKE ENERGY OHIO
CASE NO. 12-1082-EL-AM
ANNUALIZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2012
(ELECTRIC SERVICE)

DATA 3 MONTHS ACTUAL & 9 MONTHS ESTIMATED
TYPE OF FILING: X ORIGINAL _____ UPDATED _____ REVISED _____
WORK PAPER REFERENCE NO(S):

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SCHEDULE E-4
PAGE 1 OF 2
WITNESS:
J. A. RIDDLE

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (F)	% OF REV TO TOTAL LESS FUEL COST REVENUE (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F + H) (I)	PROPOSED TOTAL REVENUE EXCL. CUST CHG
				(KWH)	(¢/KWH)	(\$)	(%)	(\$)	(\$)	
RESIDENTIAL SERVICE										
1	RS	RESIDENTIAL SERV	7,258,014	7,055,386,826	3.151505	222,350,283	97.49	0	222,350,283	178,796,179
2	ORH	OPTIONAL HEATING SERVICE	2,381	6,316,563	2.347841	148,309	0.07	0	148,309	134,023
3	TD-2012 BASE	OPTIONAL TIME OF DAY SERVICE	786	696,789	3.334883	19,859	0.01	0	19,859	15,089
4	TD-2012 PLUS	OPTIONAL TIME OF DAY SERVICE	842	836,841	3.335072	21,039	0.01	0	21,039	15,987
5	TD-2012 MAX	OPTIONAL TIME OF DAY SERVICE	879	434,678	3.333579	14,487	0.01	0	14,487	11,013
6	TD	OPTIONAL TIME OF DAY SERVICE	272	420,264	2.782538	11,694	0.01	0	11,694	7,476
7	CLR	COMMON USE RESIDENTIAL SERVICE	164,581	68,756,056	3.648753	3,238,609	1.42	0	3,238,609	2,240,323
8	RSP	RESIDENTIAL THREE-PHASE SERVICE	1,880	4,348,487	2.921248	127,030	0.06	0	127,030	110,200
9	RSU	RESIDENTIAL SERVICE-LOW INCOME	35,896	76,712,480	2.783893	2,135,440	0.94	0	2,135,440	1,944,048
10		TOTAL RESIDENTIAL	7,528,145	7,533,584,492	3.152862	228,064,840	99.15	0	228,064,840	
DISTRIBUTION VOLTAGE SERVICE										
11										
12	DB	SBC DISTRIBUTION SERV	242,831	6,386,386,839	1.867772	118,909,768	71.47	0	118,909,768	1,140,157
13	DS RTP	SBC DISTRIBUTION SERV RTP	37	1,286,732	3.173759	40,203	0.02	0	40,203	15,900,172
14	CSFL	UNLIMITED SMALL FIXED LOAD	4,199	30,132,226	2.151374	648,257	0.36	0	648,257	
15	EH	ELEC SPACE HTG	5,945	65,151,159	1.993212	1,379,127	0.83	0	1,379,127	
16	DM	SBC DIST SERV-SMALL	464,869	534,641,413	3.685490	20,773,279	12.49	0	20,773,279	
17	DP	PRIM DIST VOLTAGE	4,690	2,318,196,661	1.052456	24,996,050	14.66	0	24,996,050	
18	DP RTP	PRIM DIST VOLTAGE RTP	63	8,275,353	2.694036	222,841	0.13	0	222,841	
19	SFL-ADPL	OPT UNLIMITED SM FX LD ATTACH DIRECTLY PWR LINE	49	509,339	2.072148	10,492	0.01	0	10,492	
20		TOTAL DISTRIBUTION	723,123	9,329,608,452	1.763569	196,382,137	40.23	0	196,382,137	
TRANSMISSION VOLTAGE SERVICE										
21										
22	TS	TRANSMISSION SERV	431	3,116,138,371	0.003685	114,800	94.14	0	114,800	
23	TS RTP	TRANSMISSION SERV RTP	22	22,659,841	0.031542	7,180	5.86	0	7,180	
24		TOTAL TRANSMISSION	453	3,137,800,212	0.003686	121,980	9.01	0	121,980	
LIGHTING SERVICE										
25										
26	SL	STREET LIGHTING	837,707	35,897,829	16.638274	6,490,228	65.20	0	6,490,228	
27	TL	TRAFFIC LIGHTING	424,168	16,188,890	1.019578	185,244	1.86	0	185,244	
28	OL	OUTDOOR LIGHTING	287,843	39,817,893	10.325590	2,116,146	21.28	0	2,116,146	
29	NSU	NON STD STREET LIGHTING	22,147	1,629,863	11.590951	119,381	1.20	0	119,381	
30	NSP	NON STD POL S	26,411	1,338,768	23.871500	321,182	3.23	0	321,182	
31	SC	S L - CUST OWNED	1,182	21,188,266	0.591386	125,112	1.26	0	125,112	
32	SE	S L - OVERHEAD EQUIV	80,853	4,887,439	9.948398	496,169	4.98	0	496,169	
33	ULS	UNLIMITED OUTDOOR LIGHTING	10,888	18,896,347	0.590540	96,539	0.99	0	96,539	
34		TOTAL LIGHTING	1,667,854	124,292,615	6.096978	9,953,881	2.41	0	9,953,881	
35		TOTAL RETAIL	9,549,896	18,828,314,123	2.085701	413,559,278	100.00	0	413,559,278	
OTHER MISCELLANEOUS REVENUE										
36										
37	INTERDEPARTMENTAL		12	4,004,501	6.872192	275,197	3.05	0	275,197	
38	BAD CHECK CHARGES		0	0	-	0	0.00	0	0	
39	LATE PAYMENT CHARGES		0	0	-	0	0.00	0	0	
40	RECONNECTION CHARGES		0	0	-	0	0.00	0	0	
41	RENTS		0	0	-	2,771,052	30.67	0	2,771,052	
42	POLE CONTACT RENTALS		0	0	-	1,563,439	17.30	0	1,563,439	
43	INTERCOMPANY		0	0	-	0	0.00	0	0	
44	SPECIAL CONTRACTS		24	1,415,959	1.545878	21,889	0.24	0	21,889	
45	OTHER MISC		0	0	-	4,454,593	48.74	0	4,454,593	
46		TOTAL MISC	36	5,420,460	186.706700	9,036,270	2.18	0	9,036,270	
47		TOTAL COMPANY	9,549,896	18,828,314,123	2.085701	413,559,278	100.00	0	413,559,278	

NOTE: DETAIL CONTAINED ON SCHEDULES E-4.1 PAGES 1 THROUGH 54.

(1) THE NUMBER OF UNITS IS USED FOR DESIGNING LIGHTING RATES (NOT THE NUMBER OF BILLS)

Revenue/Customer	check	check
178,796,179	24,830,918	43,554,084
134,023	66,288,627	14,288
15,089	18,892,483	4,770
15,987	18,898,939	5,052
11,013	19,020,284	3,474
7,476	27,492,671	4,216
2,240,323	15,868,664	967,486
110,200	66,066,667	16,830
1,944,048	20,314,820	191,392

1,140,157 184,169,474 238,970 238,970
15,900,172 34,203,854 4,873,107 4,872,423 (diff due to rounding)

DUKE ENERGY OHIO
RIDER DDR REVENUES
JUNE 2013 - DECEMBER 2018

PAGE 19

Sum of DIST DECOUPL	Column Labels							
Row Labels	DM	EH	OR	RS	CUR	TD	Grand Total	
1/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
4/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
5/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
6/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
7/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
8/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
9/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
10/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
11/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
12/1/2012		\$0	\$0	\$0	\$0	\$0	\$0	\$0
1/1/2013		\$0	\$0	\$0	\$0	\$0	\$0	\$0
2/1/2013		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3/1/2013		\$0	\$0	\$0	\$0	\$0	\$0	\$0
4/1/2013		\$0	\$0	\$0	\$0	\$0	\$0	\$0
5/1/2013		\$0	\$0	\$0	\$0	\$0	\$0	\$0
6/1/2013		-\$2	\$0	\$0	\$39	\$0	\$37	
7/1/2013		-\$116,358	\$7	\$332	\$504,291	\$480	\$388,752	
8/1/2013		-\$109,549	\$7	\$294	\$467,712	\$501	\$358,965	
9/1/2013		-\$113,107	\$7	\$296	\$489,557	\$603	\$377,356	
10/1/2013		-\$94,470	\$4,227	\$237	\$340,841	\$341	\$251,175	
11/1/2013		-\$91,934	\$4,746	\$357	\$350,554	\$482	\$264,206	
12/1/2013		-\$107,501	\$6,808	\$633	\$496,877	\$663	\$397,480	
1/1/2014		-\$120,006	\$8,639	\$777	\$603,549	\$786	\$493,746	
2/1/2014		-\$117,003	\$9,079	\$788	\$587,830	\$726	\$481,420	
3/1/2014		-\$104,547	\$7,383	\$605	\$489,873	\$616	\$393,931	
4/1/2014		-\$95,614	\$5,127	\$362	\$367,985	\$481	\$278,341	
5/1/2014		-\$90,060	\$3,969	\$274	\$316,580	\$418	\$231,180	
6/1/2014		-\$104,120	\$350	\$293	\$413,471	\$544	\$310,538	
7/1/2014		-\$60,055	\$49	\$74	\$113,573	\$153	\$53,794	
8/1/2014		-\$56,193	\$7	\$66	\$101,440	\$128	\$45,447	
9/1/2014		-\$59,316	-\$16	\$72	\$112,211	\$142	\$53,092	
10/1/2014		-\$46,693	\$4,036	\$54	\$73,700	\$93	\$31,189	
11/1/2014		-\$45,958	\$4,586	\$82	\$79,272	\$94	\$38,076	
12/1/2014		-\$57,986	\$7,387	\$141	\$117,129	\$127	\$66,799	
1/1/2015		-\$61,667	\$8,526	\$169	\$133,611	\$141	\$80,780	
2/1/2015		-\$58,855	\$8,441	\$173	\$123,696	\$116	\$73,570	
3/1/2015		-\$57,542	\$7,945	\$146	\$121,316	\$123	\$71,989	
4/1/2015		-\$48,539	\$4,721	\$76	\$82,285	\$90	\$38,633	
5/1/2015		-\$47,857	\$4,188	\$54	\$76,225	\$80	\$32,690	
6/1/2015		-\$55,643	\$46	\$66	\$97,451	\$92	\$42,011	
7/1/2015		-\$12,275	\$55	-\$33	-\$56,560	-\$53	-\$68,868	
8/1/2015		-\$12,093	\$43	-\$33	-\$59,293	-\$55	-\$71,432	
9/1/2015		-\$11,992	\$46	-\$33	-\$54,939	-\$50	-\$66,969	
10/1/2015		-\$9,781	\$4,343	-\$26	-\$39,330	-\$35	-\$44,829	
11/1/2015		-\$9,202	\$4,399	-\$33	-\$36,942	-\$31	-\$41,808	
12/1/2015		-\$10,370	\$6,043	-\$48	-\$49,181	-\$39	-\$53,594	
1/1/2016		-\$11,519	\$7,555	-\$71	-\$61,091	-\$45	-\$65,171	
2/1/2016		-\$11,203	\$8,140	-\$71	-\$57,778	-\$40	-\$60,953	
3/1/2016		-\$10,096	\$6,072	-\$47	-\$47,227	-\$35	-\$51,333	
4/1/2016		-\$9,598	\$5,054	-\$36	-\$40,161	-\$31	-\$44,772	
5/1/2016		-\$8,577	\$4,162	-\$27	-\$35,463	-\$28	-\$39,933	
6/1/2016		-\$10,866	\$135	-\$33	-\$49,609	-\$2	-\$60,376	
7/1/2016		-\$12,438	-\$23	-\$37	-\$62,650	-\$3	-\$75,150	
8/1/2016		-\$13,160	-\$13	-\$39	-\$69,156	-\$3	-\$82,371	
9/1/2016		-\$11,491	-\$23	\$51	\$87,549	\$3	\$76,089	
10/1/2016		-\$8,872	\$4,790	\$38	\$61,361	\$2	\$57,319	
11/1/2016		-\$7,958	\$4,652	\$45	\$51,341	\$2	\$48,081	
12/1/2016		-\$9,609	\$7,231	\$83	\$74,621	\$3	\$72,329	
1/1/2017		-\$10,699	\$8,667	\$101	\$89,126	\$1,149	\$88,349	
2/1/2017		-\$9,081	\$6,983	\$71	\$68,268	\$965	\$67,210	
3/1/2017		-\$8,652	\$6,131	\$64	\$62,083	\$916	\$60,544	
4/1/2017		-\$8,272	\$4,993	\$47	\$54,533	\$863	\$52,165	
5/1/2017		-\$8,072	\$4,444	\$39	\$51,655	\$766	\$48,833	
6/1/2017		-\$9,415	\$4	\$42	\$66,614	\$784	\$58,032	
7/1/2017		-\$10,563	\$0	\$52	\$82,519	\$802	\$72,813	
8/1/2017		-\$10,439	-\$7	\$48	\$80,525	\$769	\$70,900	
9/1/2017		-\$9,536	\$0	\$41	\$67,898	\$755	\$59,160	
10/1/2017		-\$8,769	\$4,736	\$37	\$59,175	\$722	\$55,902	
11/1/2017		-\$8,175	\$5,120	\$54	\$56,339	\$800	\$54,141	
12/1/2017		-\$9,336	\$6,952	\$88	\$73,675	\$987	\$72,368	
1/1/2018		-\$11,547	\$10,161	\$136	\$103,692	\$1,229	\$103,675	
2/1/2018		-\$10,005	\$8,039	\$87	\$79,300	\$1,065	\$78,489	
3/1/2018		-\$8,937	\$6,494	\$67	\$66,152	\$950	\$64,730	
4/1/2018		-\$9,128	\$6,228	\$66	\$65,488	\$956	\$63,614	
5/1/2018		-\$8,390	\$4,922	\$43	\$55,941	\$790	\$53,309	
6/1/2018		-\$10,482	\$10	\$48	\$78,437	\$784	\$68,798	
7/1/2018		-\$11,521	\$8	\$54	\$91,225	\$814	\$80,583	
8/1/2018		-\$10,770	\$0	\$48	\$82,141	\$773	\$72,195	
9/1/2018		-\$11,153	\$3	\$49	\$84,321	\$808	\$74,032	
10/1/2018		-\$9,355	\$4,836	\$43	\$65,972	\$763	\$62,261	
11/1/2018		-\$8,381	\$5,188	\$60	\$59,365	\$818	\$57,053	
12/1/2018		-\$10,017	\$7,483	\$92	\$79,729	\$1,039	\$78,329	
Grand Total		-\$2,342,375	\$264,321	\$7,552	\$7,940,730	\$21,067	\$7,647	\$5,898,941

Note: Rate CUR revenues included in RS column until January 2017.

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING) RATES
CALCULATION OF THREE PERCENT CAP BASED ON JANUARY 2018 THROUGH DECEMBER 2018 DISTRIBUTION REVENUES

	<u>Sum of DISTRIBUTION</u>	<u>Sum of OHIO EXC TAX</u>	<u>Sum of UNIV SERVICE</u>	<u>Sum of DCI old DEMAND</u>	<u>Sum of RIDER EE</u>	<u>Sum of INFRA MOD</u>
DM	\$22,643,327	\$2,660,620	\$316,434	\$3,075,417	\$828,430	\$3,383,963
EH	\$1,289,058	\$268,035	\$36,957	\$183,338	\$96,745	\$28,428
OR	\$150,537	\$30,190	\$3,644	\$20,765	\$23,367	\$10,345
RS	\$243,830,827	\$35,943,674	\$4,184,236	\$33,393,717	\$26,837,487	\$34,164,385
CUR	\$3,373,136	\$422,935	\$49,571	\$463,139	\$129,754	\$758,165
TD	\$8,823	\$1,433	\$168	\$1,206	\$1,079	\$903
Grand Total	\$271,295,707	\$39,326,886	\$4,591,011	\$37,137,582	\$27,916,861	\$38,346,190

Total Residential (OR, RS, TD)
Total DM
Total EH

\$383,803,486
\$32,908,191
\$1,902,561

3% of Total Residential (OR, RS, TD)
3% of Total DM
3% of Total EH

\$11,514,105
\$987,246
\$57,077

TO PAGE 1

Fall 2018

PAGE 21

	RES_B_Meter	COM_B_Meter	IND_B_Meter	OPA_B_Meter	SL_B_Meter
Jan-19	785,777,590	580,040,605	446,196,748	115,758,633	7,838,299
Feb-19	732,276,167	526,034,680	402,016,943	99,960,919	7,840,290
Mar-19	612,114,972	494,595,982	398,947,062	98,957,862	7,842,475
Apr-19	466,014,144	476,759,720	396,056,282	94,941,704	7,844,881
May-19	464,311,089	493,893,076	413,682,812	97,041,467	7,847,306
Jun-19	540,009,487	537,413,115	428,093,132	99,645,568	7,833,666
Jul-19	698,212,657	607,855,393	434,434,483	106,066,028	7,828,390
Aug-19	719,696,845	604,026,290	432,020,705	107,202,488	7,833,116
Sep-19	676,569,247	597,638,795	439,910,559	107,147,599	7,833,699
Oct-19	486,161,842	526,035,140	411,115,057	96,660,663	7,859,582
Nov-19	449,048,031	477,098,662	392,771,043	91,027,793	7,861,079
Dec-19	622,013,717	534,990,330	437,663,740	99,972,384	7,861,384
Jan-20	777,922,147	565,160,289	442,156,179	105,478,580	7,860,840
Feb-20	717,864,412	519,275,952	393,054,646	92,511,319	7,860,046
Mar-20	609,876,001	490,547,129	388,881,920	90,200,543	7,859,392
Apr-20	474,519,669	478,307,627	398,519,665	94,215,550	7,858,816
May-20	462,119,713	487,287,878	405,850,887	94,422,087	7,858,123
Jun-20	540,301,341	535,913,752	425,265,238	98,335,369	7,841,188
Jul-20	691,783,388	600,426,160	430,067,422	104,113,802	7,832,473
Aug-20	704,130,692	597,430,742	426,229,079	105,469,587	7,833,625
Sep-20	669,856,621	592,074,962	433,558,867	105,698,442	7,830,768
Oct-20	501,354,904	529,541,385	412,882,006	97,067,113	7,853,706
Nov-20	454,478,710	479,823,761	392,341,361	91,463,601	7,853,237
Dec-20	619,287,077	530,582,782	434,346,482	99,433,041	7,852,874

	DM	EH
Jan-19	56,980,364	13,291,150
Feb-19	51,446,258	10,416,849
Mar-19	45,567,348	8,546,157
Apr-19	43,465,089	7,722,193
May-19	40,772,531	6,282,220
Jun-19	46,748,580	
Jul-19	54,573,162	
Aug-19	53,584,553	
Sep-19	53,420,297	
Oct-19	45,033,470	6,055,240
Nov-19	40,553,385	5,975,030
Dec-19	49,686,056	9,654,593
Jan-20	55,349,708	12,558,682
Feb-20	50,620,066	9,989,606
Mar-20	44,972,778	8,134,788
Apr-20	43,582,398	7,705,152
May-20	40,203,791	6,149,856
Jun-20	46,594,289	
Jul-20	53,900,345	
Aug-20	52,991,117	
Sep-20	52,913,015	
Oct-20	45,322,411	6,086,623
Nov-20	40,773,707	6,006,284
Dec-20	49,290,063	5,588,335

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19
Sheet No. 122.5
Cancels and Supersedes
Sheet No. 122.4
Page 1 of 1

RIDER DDR

DISTRIBUTION DECOUPLING RIDER

APPLICABILITY

Applicable to all customers taking service under the Company's rate schedules listed below.

DECOUPLING RIDER RATES

As a three-year pilot program or until the Company's next distribution rate case, applicable customers shall be assessed a monthly charge or credit which reflects an adjustment to rates that will effectively remove Duke Energy Ohio's distribution-related through-put incentive.

CHARGES/CREDITS

Beginning August 30, 2016, the following Rider DDR rates apply:

<u>Tariff Sheet</u>	<u>DDR Charge/Credit</u> (Per kWh)
Rates RS, RS3P, RSLI, Residential Service All kWh	\$0.001741
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.001741
Rate TD, Optional Time-of-Day Rate All kWh	\$0.001741
Rate CUR, Common Use Residential Service All kWh	\$0.001741
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000862
Rate DM, Secondary Distribution Service, Small All kWh	\$0.002097

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 No. 17-1263-EL-SSO, et al.

Filed pursuant to an Order dated _____ in Case No. 11-5905-EL-RDR before the Public Utilities Commission of Ohio.

Issued:

Issued by Amy B. Spiller, President

Effective:

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19
Sheet No. 122.5
Cancels and Supersedes
Sheet No. 122.4
Page 1 of 1

RIDER DDR

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<u>Tariff Sheet</u>	<u>DDR Charge/Credit</u> (Per kWh)
Rates RS, RS3P, RSLI, Residential Service	
All kWh	\$0.001741
Rate ORH, Optional Residential Service With Electric Space Heating	
All kWh	\$0.001741
Rate TD, Optional Time-of-Day Rate	
All kWh	\$0.001741
✓	✓
Rate CUR, Common Use Residential Service	
All kWh	\$0.001741
Rate EH, Optional Rate For Electric Space Heating	
All kWh	\$0.000862
Rate DM, Secondary Distribution Service, Small	
All kWh	\$0.002097

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 No. 17-1263-EL-SSO, et al.

Filed pursuant to an Order dated _____ in Case No. 11-5905-EL-RDR before the Public Utilities Commission of Ohio.

Issued: ✓

Issued by Amy B. Spiller, President

Effective: ✓

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Deleted: Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advanced Metering

Deleted: All kWh

Deleted: \$0.000117

Deleted: 000117

Deleted: 000775

Deleted: (\$0.000203)

Deleted: August 3, 2016

Deleted: January 22, 2019

Deleted: August 30, 2016

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/27/2019 12:13:01 PM

in

Case No(s). 11-5905-EL-RDR

Summary: Application Duke Energy Ohio, Inc.'s Application to Adjust and Set Rider DDR electronically filed by Mrs. Debbie L Gates on behalf of Duke Energy Ohio Inc. and D'Ascenzo, Rocco O. Mr. and Watts, Elizabeth H