

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

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

**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 \$0.000407 per kWh for all residential rates, \$0.000790 per kWh for Rate EH, and \$0.001280 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 2017 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 2017 against actual Rider DDR revenues collected during that same period.
6. Page 2 of Attachment 1 shows the calculation of the prorated allowed decoupling revenues for the period July 2017 through December 2017 based on numbers contained in the February 2017 filing.

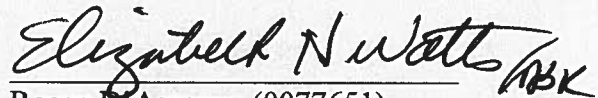
7. Pages 4 through 15 of Attachment 1 show the detailed decoupling revenue calculations for 2017 by month. Page 3 summarizes the numbers contained on pages 4 through 15.
8. Page 16 of Attachment 1 shows the customer counts by rate and month for the period January through December 2017.
9. Page 17 of Attachment 1 shows the weather normalized actual kWh by rate and month for the period January through December 2017.
10. Page 18 of Attachment 1 shows the base distribution rates that are included in the calculations on pages 4 through 15.
11. Page 19 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 2017 decoupling calculations. Base distribution rates that were approved in Case No. 12-1682-EL-AIR were effective May 6, 2013.
12. Page 20 of Attachment 1 shows the actual Rider DDR revenues for the period July 2013 through December 2017.
13. Page 21 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.
14. Page 22 of Attachment 1 shows the kWh forecast for January 2018 through December 2019. Numbers from this page appear on page 1 in the calculation of the proposed Rider DDR rates to be effective beginning July 1, 2018.

15. 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.

A handwritten signature in black ink, reading "Elizabeth H. Watts" with a stylized flourish at the end.

Rocco D'Ascenzo (0077651)

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DUKE ENERGY OHIO

CALCULATION OF RIDER DOR (DISTRIBUTION DECOUPLING) RATES EFFECTIVE JULY 1, 2018 - JUNE 30, 2019

PAGE 1
ATTACHMENT 1

Rates Effective:	Previous Filing Reconciliation										Total Requirement Decoupling Revenues To Be Recovered July 2018 - June 2019 H = A + B + C + D + E + F + G	Billing Determinants kWh July 2018 - June 2019 I	Rider DDR Rates Effective July 2018 - June 2019 J = H / I	
	CY2012 Decoupling		CY2013 Decoupling		CY2014 Decoupling		CY2015 Decoupling		CY2016 Decoupling					
	Feb 2013 Filing	Feb 2014 Filing	Feb 2015 Filing	Feb 2016 Filing	Feb 2017 Filing	Feb 2018 Filing	Feb 2019 Filing	Feb 2018 Filing	Feb 2019 Filing					
	DDR Revenues	DDR Revenues	DDR Revenues	DDR Revenues	DDR Revenues	DDR Revenues	DDR Revenues	DDR Revenues	DDR Revenues					
	Jul 2013 - Jun 2014	Jul 2013 - Jun 2014	Jul 2014 - Jun 2015	Jul 2014 - Jun 2015	Jul 2015 - Jun 2016	Jul 2015 - Jun 2016	Jul 2016 - Jun 2017	Jul 2016 - Jun 2017	Jul 2017 - Dec 2017	Jul 2017 - Dec 2017	Jul 2018 - June 2019	Jul 2018 - June 2019	Jul 2018 - June 2019	Jul 2018 - June 2019
	Allowed ¹	Allowed ¹	Allowed ²	Allowed ²	Allowed ³	Allowed ³	Allowed ⁴	Allowed ⁴	Allowed ⁵	Allowed ⁵	Allowed ⁷	Allowed ⁷	Allowed ⁷	Allowed ⁷
	A	A	B	B	C	C	D	D	E	E	F	F	F	F
Residential (RS, RSP, RSL, ORH, TD, TD13)	\$5,358,114	\$5,358,114	\$1,168,781	\$1,168,781	-\$536,423	-\$536,423	\$971,709	\$971,709	\$1,788,499	\$1,788,499	\$7,043,336	\$1,258,155	\$2,965,499	\$2,965,499
EH	\$719,318	\$719,318	\$241,128	\$241,128	-\$172,956	-\$172,956	-\$123,296	-\$123,296	-\$20,736	-\$20,950	\$210,950	-\$76,934	3% Cap Applied ⁶ \$50,750	3% Cap Applied ⁶ \$50,750
DM	-\$1,213,534	-\$1,213,534	-\$673,197	-\$673,197	-\$154,822	-\$154,822	-\$138,466	-\$138,466	\$179,385	-\$2,222,689	\$494,838	\$494,838	\$716,893	\$716,893
Total	\$4,863,898	\$4,863,898	\$736,712	\$736,712	-\$864,201	-\$864,201	\$709,947	\$709,947	\$1,947,148	\$5,031,596	\$1,676,059	\$1,676,059	\$3,733,142	\$3,733,142

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

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

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

⁴ Application dated February 25, 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 3 of this work paper.

DUKE ENERGY OHIO
KWH FORECAST - RESIDENTIAL, RATE DM, RATE EH
FEBRUARY 2017 FILING

PAGE 2

	Residential	DM	EH
Jul-17	701,563,720		53,040,491
Aug-17	724,712,450		53,564,277
Sep-17	646,292,720		52,828,897
Oct-17	446,905,820		41,236,866
Nov-17	458,164,300		39,581,227
Dec-17	646,493,830		47,543,613
Jan-18	795,816,560		52,371,829
Feb-18	714,591,400		48,033,836
Mar-18	628,731,330		44,303,831
Apr-18	524,652,230		43,475,885
May-18	426,344,520		37,701,500
Jun-18	541,154,770		46,415,978
Total	7,255,423,650		560,098,230
Jul-Dec 2017 kWh	3,624,132,840		287,795,371
Allowed 2016 Revenues Excl Cap and True-up			
July 2017-June 2018 DDR Rate per kWh Excl Cap and True-Up	\$3,580,531	\$349,113	-\$61,469
	\$0.000493	\$0.000623	-\$0.000956
Jul 2017-Dec 2017 Allowed Revenue Excl Cap and True-Up	\$1,788,499	\$179,385	-\$20,736

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 3

	January 2017 Actual, Weather Normalized (from page 3)										
	NON-RESIDENTIAL					RESIDENTIAL					
A	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD	
	552,124,833	62,493,876	6,155,033	99,019	7,001,381,986	83,164,460	5,782,553	56,419,811	274,732,724	287,847	

	January 2017 Actual (from page 2)										
	NON-RESIDENTIAL					RESIDENTIAL					
B	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD	
	482,821	5,804	2,315	34	7,292,828	169,631	2,211	70,158	247,211	207	

	RESIDENTIAL										
	Note 1										
C											
D = A * C											
D1											
E = D / B											
E1 = D / B											
	\$16,361,392	\$1,025,774	\$128,490	\$2,005	\$177,429,023	\$2,360,974	\$146,541	\$1,429,793	\$6,962,277	\$5,384	
	\$33.20	\$177.42	\$55.50	\$58.98	\$24.33	\$188,464,487	\$13.92	\$66.28	\$20.38	\$28.16	
						\$24.21				\$26.01	

	NON-RESIDENTIAL										
	RESIDENTIAL										
F											

	2012 Authorized Revenue Adjusted For 2017 Customer Count										
	RESIDENTIAL										
G = (F * B)											
	\$16,856,230	\$952,840	\$130,308.12	\$1,913.81	\$179,629,048.86	\$2,318,341.18	\$123,056.67	\$1,425,247.86	\$6,089,033.88	\$5,690.98	
			\$56.29	\$56.29	\$24.63	\$189,722,641	\$13.67	\$55.66	\$20.31	\$24.63	
						\$24.37				\$27.49	

	NON-RESIDENTIAL										
	RESIDENTIAL										
H = G - D											
	\$494,838	\$76,934	\$1,819	-\$92	\$2,200,026	-\$42,633	-\$23,485	-\$4,546	-\$873,243	\$307	
			\$0.79	-\$2.70	\$0.30	\$1,258,155	-\$0.25	-\$10.62	-\$0.06	-\$3.53	
						\$0.16				\$1.48	

Decoupling True-up Revenue

\$1,676,058

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 5

A

February 2017 Actual, Weather Normalized (from page 3)											
NON-RESIDENTIAL			RESIDENTIAL								
DM	EH		ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD	
46,005,281	9,228,578		681,348	10,445	631,480,980	9,420,551	512,020	5,859,404	28,476,083	30,516	

B

February 2017 Actual (from page 2)											
NON-RESIDENTIAL			RESIDENTIAL								
DM	EH		ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD	
40,747	717		194	3	606,399	14,091	183	6,251	21,893	18	

C

NON-RESIDENTIAL		RESIDENTIAL									
Distribution Rate (\$ per kWh)		\$0.016478	\$0.019237	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017459	
2017 Distribution Revenue		\$152,069	\$13,107	\$201	\$16,002,991	\$238,736	\$12,976	\$148,489	\$721,641	\$533	
2017 Residential Distribution Revenue						\$17,138,673					
E = D / B		\$29.74	\$66.98	\$26.39	\$16.94	\$70.90	\$23.75	\$32.96	\$29.60		
E1 = D / B						\$26.41					

F

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

G = (F * B)

NON-RESIDENTIAL		RESIDENTIAL									
2012 Authorized Revenue Adjusted For 2017 Customer Count		\$117,710	\$10,919.99	\$168.87	\$14,936,164.08	\$192,581.22	\$10,185.15	\$126,988.00	\$539,244.69	\$494.87	
			\$56.29	\$56.29	\$24.63	\$15,816,747	\$13.67	\$55.66	\$20.31	\$24.63	
						\$24.37				\$27.49	

H = G - D

NON-RESIDENTIAL		RESIDENTIAL									
Decoupling True-up Revenue		\$181,775	-\$2,187	-\$321	-\$1,066,827	-\$46,154	-\$2,790	-\$21,501	-\$182,396	-\$38	
			-\$11.27	-\$10.69	-\$1.76	-\$132,1926	-\$15.25	-\$3.44	-\$8.33	-\$2.11	
						-\$2.04					

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 6

A	March 2017 Actual, Weather Normalized (from page 3)									
	NON-RESIDENTIAL					RESIDENTIAL				
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSJ	RSPP	TD
	43,350,752	8,038,538	613,908	9,088	574,485,068	8,946,615	474,508	5,179,892	25,685,308	23,252

B	March 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSJ	RSPP	TD
	40,872	721	192	3	606,902	14,075	184	6,148	22,026	18

C	RESIDENTIAL									
	Note 1									
D = A * C	\$0.026343	\$0.016478	\$0.019237	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017459
D1	\$1,141,989	\$132,459	\$11,810	\$175	\$14,558,601	\$226,725	\$12,025	\$131,269	\$650,917	\$406
E = D / B	\$7.94	\$183.72	\$61.51	\$58.28	\$23.99	\$16.11	\$65.35	\$21.35	\$29.55	\$22.55
E1 = D / B					\$24.00					

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

G = (F * B)	RESIDENTIAL									
	\$1,397,968	\$118,366	\$10,807.41	\$168.87	\$14,948,553.43	\$192,362.55	\$10,240.81	\$124,895.58	\$542,520.60	\$494.87
			\$56.29	\$56.29	\$24.63	\$15,830,044	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.37				

H = G - D	RESIDENTIAL									
	\$255,979	-\$14,093	\$1,002	-\$6	\$389,953	-\$34,363	-\$1,784	-\$6,373	-\$108,396	\$89
			-\$5.22	-\$1.99	\$0.64	\$238,117	-\$9.70	-\$1.04	-\$4.92	\$4.94
						-\$2.44				
						\$0.37				

Decoupling True-up Revenue

-\$480,003

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 7

April 2017 Actual, Weather Normalized (from page 3)											
NON-RESIDENTIAL			RESIDENTIAL								
kWh	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD	
A		41,128,187	6,458,324	403,355	15,749	463,635,137	7,730,187	383,207	4,004,461	20,348,217	18,911

April 2017 Actual (from page 2)											
NON-RESIDENTIAL			RESIDENTIAL								
No. Bills	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSI	RSPP	TD	
B		40,839	713	192	3	605,873	14,062	183	6,040	21,607	18

NON-RESIDENTIAL			RESIDENTIAL								
C											Note 1
D = A * C	\$0.026343	\$0.016478	\$0.019237	\$0.019237	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017459
D1	\$1,083,466	\$106,420	\$7,759	\$303	\$11,749,442	\$195,898	\$9,711	\$101,481	\$515,614	\$330	
E = D / B						\$12,580,539					
E1 = D / B	\$26.53	\$149.26	\$40.41	\$100.99	\$19.39	\$13.93	\$53.07	\$16.80	\$23.86	\$18.34	
						\$19.42					

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)											
	\$1,396,839	\$117,053	\$10,807.41	\$168.87	\$14,973,208.22	\$192,184.88	\$10,185.15	\$122,701.57	\$532,200.25	\$494.87	
			\$56.29	\$56.29	\$24.63	\$15,791,951	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.37					

NON-RESIDENTIAL			RESIDENTIAL								
H = G - D											
	\$313,373	\$10,453	\$3,048	-\$134	\$9,173,767	\$3,714	\$874	\$21,221	\$16,586	\$165	
			\$15.88	-\$44.70	\$5.24	\$3,211,413	-\$0.26	\$1.59	\$9.51	\$0.77	\$9.15
						\$4.96					

-\$9,535,418

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 8

kWh	May 2017 Actual, Weather Normalized (from page 3)				
	NON-RESIDENTIAL	EH	ORHP	RS	RESIDENTIAL
DM			ORH	RSPP	RSPP
	38,101,838	5,671,223	325,032	4,248	408,908,739
					6,375,178
					374,748
					3,217,385
					18,089,873
					18,148

A

No. Bills	May 2017 Actual (from page 2)				
	NON-RESIDENTIAL	EH	ORHP	RS	RESIDENTIAL
DM			ORH	RSPP	RSPP
	40,988	717	193	3	606,379
					14,096
					185
					5,937
					21,013
					17

B

	May 2017 Actual (from page 2)				
	NON-RESIDENTIAL	EH	ORHP	RS	RESIDENTIAL
			ORH	RSPP	RSPP
	\$0.026343	\$0.016478	\$0.019237	\$0.025342	\$0.025342
	\$1,030,060	\$93,450	\$82	\$161,560	\$9,497
				\$11,029,523	\$81,535
	\$25.13	\$130.34	\$27.24	\$17.09	\$11.46
					\$51.33
					\$13.73
					\$19.40
					\$16.58

C
D = A * C
D1
2017 Distribution Revenue
2017 Residential Distribution Revenue
2017 Revenue Per Customer
2017 Residential Rev per Customer

	May 2017 Actual (from page 2)				
	NON-RESIDENTIAL	EH	ORHP	RS	RESIDENTIAL
			ORH	RSPP	RSPP
	34.20	164.17	56.29	24.63	13.67
					55.66
					20.31
					24.63
					27.49

F
2012 Authorized Revenue Per Customer

	May 2017 Actual (from page 2)				
	NON-RESIDENTIAL	EH	ORHP	RS	RESIDENTIAL
			ORH	RSPP	RSPP
	\$1,401,935	\$117,710	\$10,863.70	\$168.87	\$14,935,671.46
					\$192,649.56
					\$15,788,296
					\$13.67
					\$55.66
					\$20.31
					\$24.63
					\$27.49

G = (F * B)
2012 Authorized Revenue Adjusted
For 2017 Customer Count

	May 2017 Actual (from page 2)				
	NON-RESIDENTIAL	EH	ORHP	RS	RESIDENTIAL
			ORH	RSPP	RSPP
	\$371,070	\$20,229	\$23.89	\$29.05	\$7.54
					\$4,758,773
					\$2.21
					\$4.32
					\$6.58
					\$5.23
					\$10.91

H = G - D
Decoupling True-up Revenue

Decoupling True-up Revenue - Jan	\$4,562,396
Decoupling True-up Revenue - Feb	\$1,171,510
Decoupling True-up Revenue - Mar	\$480,003
Decoupling True-up Revenue - Apr	\$3,535,418
Decoupling True-up Revenue - May	\$5,154,908
Decoupling True-up Revenue - Jun	\$919,384
Decoupling True-up Revenue - Jul	\$3,080,411
Decoupling True-up Revenue - Aug	\$2,919,923
Decoupling True-up Revenue - Sept	\$721,989
Decoupling True-up Revenue - Oct	\$4,002,686
Decoupling True-up Revenue - Nov	\$4,132,169
Decoupling True-up Revenue - Dec	\$4,079,277
	-\$1,676,058 Under collected

Decoupling True-up Revenue - Jan
Decoupling True-up Revenue - Feb
Decoupling True-up Revenue - Mar
Decoupling True-up Revenue - Apr
Decoupling True-up Revenue - May
Decoupling True-up Revenue - Jun
Decoupling True-up Revenue - Jul
Decoupling True-up Revenue - Aug
Decoupling True-up Revenue - Sept
Decoupling True-up Revenue - Oct
Decoupling True-up Revenue - Nov
Decoupling True-up Revenue - Dec

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 9

June 2017 Actual, Weather Normalized (from page 3)											
A	NON-RESIDENTIAL		RESIDENTIAL								
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD	
	46,238,317	4,827	355,410	2,926	546,078,277	6,714,821	452,475	4,039,858	19,296,540	21,060	

June 2017 Actual (from page 2)											
B	NON-RESIDENTIAL		RESIDENTIAL								
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD	
	41,172	10	193	2	605,991	14,156	182	5,848	20,441	17	

C	NON-RESIDENTIAL		RESIDENTIAL								
			Note 1								
D = A * C	\$0.035308	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020953	
D1	\$1,632,582	\$76	\$9,007	\$74	\$13,838,716	\$170,167	\$11,467	\$102,378	\$489,013	\$441	
E = D / B	\$39.65	\$7.62	\$46.67	\$37.08	\$22.84	\$12.02	\$63.00	\$17.51	\$23.92	\$25.96	
E1 = D / B						\$22.60					

F	NON-RESIDENTIAL		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)	NON-RESIDENTIAL		RESIDENTIAL								
2012 Authorized Revenue Adjusted For 2017 Customer Count	\$1,408,229	\$1,642	\$10,863.70	\$112.58	\$14,926,114.66	\$193,469.58	\$10,129.49	\$118,801.13	\$503,480.60	\$467.38	
			\$56.29	\$56.29	\$24.63	\$15,763,439	\$55.66	\$20.31	\$24.63	\$27.49	
						\$24.37					

H = G - D	NON-RESIDENTIAL		RESIDENTIAL								
Decoupling True-up Revenue	\$224,334	\$1,565	\$1,857	\$39	\$1,087,399	\$23,903	\$1,337	\$16,423	\$14,468	\$26	
			\$9.62	\$19.21	\$1.79	\$1,142,177	-\$7.35	\$2.81	\$0.71	\$1.54	
						\$1.65					
						\$1.77					

Decoupling True-up Revenue \$919,368

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 10

July 2017 Actual, Weather Normalized (from page 3)												
NON-RESIDENTIAL			RESIDENTIAL									
KWh	DM	EH	ORH	ORHP	RS	CUR	RSPP	RSU	RSPP	TD		
	52,282,746	0	447,300	3,014	688,658,028	6,983,501	525,954	5,133,884	24,235,712	27,845		

A

July 2017 Actual (from page 2)												
NON-RESIDENTIAL			RESIDENTIAL									
No. Bills	DM	EH	ORH	ORHP	RS	CUR	RSPP	RSU	RSPP	TD		
	41,217	4	194	2	605,979	14,154	187	5,768	20,122	17		

B

RESIDENTIAL												
NON-RESIDENTIAL			RESIDENTIAL									
Distribution Rate (\$ per kWh)												
D = A * C	\$0.035308	\$0.016478										
2017 Distribution Revenue	\$1,845,999	\$0										
2017 Residential Distribution Revenue												
E = D / B	\$44.79	\$0.00										
E1 = D / B												

C

D = A * C

D1

E = D / B

E1 = D / B

RESIDENTIAL												
NON-RESIDENTIAL			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		

F

RESIDENTIAL												
NON-RESIDENTIAL			RESIDENTIAL									
2012 Authorized Revenue Adjusted For 2017 Customer Count	\$1,409,768	\$657	\$10,919.99	\$112.58	\$14,925,819.09	\$193,442.24	\$10,407.78	\$117,175.94	\$495,623.33	\$467.38		
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49		

G = (F * B)

RESIDENTIAL												
NON-RESIDENTIAL			RESIDENTIAL									
Decoupling True-up Revenue	\$1,409,768	\$657	\$10,919.99	\$112.58	\$14,925,819.09	\$193,442.24	\$10,407.78	\$117,175.94	\$495,623.33	\$467.38		
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49		

H = G - D

Decoupling True-up Revenue

\$5,080,411

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 11

A	August 2017 Actual, Weather Normalized (from page 3)											
	NON-RESIDENTIAL						RESIDENTIAL					
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD		
	52,223,815	-8,787	421,461	4,979	683,337,065	6,822,256	527,534	5,037,450	24,105,391	28,410		

B	August 2017 Actual (from page 2)											
	NON-RESIDENTIAL						RESIDENTIAL					
	DM	EH	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD		
	41,300	5	193	3	606,516	14,148	186	5,679	20,062	16		

C	RESIDENTIAL											
	NON-RESIDENTIAL						RESIDENTIAL					
	Distribution Rate (\$ per kWh)	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020953	
D = A * C	2017 Distribution Revenue	\$1,843,918	\$10,681	\$126	\$17,317,128	\$172,890	\$13,369	\$127,659	\$610,879	\$595	\$595	
D1	2017 Residential Distribution Revenue					\$18,253,326						
E = D / B	2017 Revenue Per Customer	\$44.65	\$55.34	\$42.06	\$28.55	\$12.22	\$71.88	\$22.48	\$30.45	\$37.20		
E1 = D / B	2017 Residential Rev per Customer					\$28.22						

F	RESIDENTIAL											
	NON-RESIDENTIAL						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											
	NON-RESIDENTIAL						RESIDENTIAL					
	2012 Authorized Revenue Adjusted For 2017 Customer Count	\$1,412,607	\$821	\$10,863.70	\$168.87	\$14,939,045.90	\$193,360.24	\$10,352.12	\$115,367.92	\$494,145.48	\$439.88	
				\$56.29	\$56.29	\$24.63	\$15,763,744	\$13.67	\$55.66	\$20.31	\$24.63	
							\$24.37					

H = G - D	RESIDENTIAL											
	NON-RESIDENTIAL						RESIDENTIAL					
	Decoupling True-up Revenue	\$431,312	\$56.6	\$183	\$43	\$2,378,082	\$20,471	\$3,017	\$12,291	\$116,733	\$155	
				\$0.95	\$14.23	-\$3.92	-\$2,489,582	\$1.45	-\$16.22	-\$5.82	-\$9.71	
							-\$3.85					

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 12

September 2017 Actual, Weather Normalized (from page 3)											
kWh	NON-RESIDENTIAL				RESIDENTIAL						
	DM	EH	578	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD
A	48,382,804			373,484	4,740	607,179,621	7,053,390	489,244	4,371,906	21,355,944	23,207

September 2017 Actual (from page 2)											
No. Bills	NON-RESIDENTIAL				RESIDENTIAL						
	DM	EH	2	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD
B	41,281			195	3	608,471	14,138	176	5,626	19,838	17

	RESIDENTIAL										
	DM	EH	2	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD
C	\$0.035308	\$0.016478		\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020953
D = A * C	\$1,708,657	\$10		\$9,465	\$120	\$15,387,146	\$178,747	\$12,398	\$110,793	\$541,202	\$486
D1							\$16,240,358				
E = D / B	\$41.39	\$4.76		\$48.54	\$40.04	\$25.29	\$12.64	\$70.45	\$19.69	\$27.28	\$28.60
E1 = D / B							\$25.04				

	RESIDENTIAL										
	DM	EH	2	ORH	ORHP	RS	CUR	RS3P	RSU	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	2	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD
G = (F * B)	\$1,411,957	\$328		\$10,976.28	\$168.87	\$14,987,199.34	\$193,223.57	\$9,795.56	\$114,291.24	\$488,628.15	\$467.38
2012 Authorized Revenue Adjusted For 2017 Customer Count				\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
							\$24.37				

	RESIDENTIAL										
	DM	EH	2	ORH	ORHP	RS	CUR	RS3P	RSU	RSPP	TD
H = G - D	\$266,700	\$319		\$1,511	\$249	\$399,947	\$10,477	\$2,603	\$3,498	\$52,574	\$19
Decoupling True-up Revenue				\$7.75	\$16.25	-\$0.66	-\$14.79	\$0.62	-\$2.65	-\$1.11	

Decoupling True-up Revenue \$731,989

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 13

A	October 2017 Actual, Weather Normalized (from page 3)									
	NON-RESIDENTIAL					RESIDENTIAL				
	DM	EH	ORH	ORHP	RS	CUR	RSPP	RSU	RSPP	TD
	41,562,572	5,914,448	283,942	3,877	454,529,471	5,791,671	412,898	3,250,370	16,148,938	16,979

B	October 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	DM	EH	ORH	ORHP	RS	CUR	RSPP	RSU	RSPP	TD
	41,120	736	193	3	610,491	14,195	187	5,567	19,710	17

C	October 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	Distribution Rate (\$ per kWh)	\$0.016478	\$0.019437	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017569
D = A * C	2017 Distribution Revenue	\$97,458	\$75	\$11,518,686	\$146,773	\$10,464	\$82,371	\$409,246	\$298	\$298
D1	2017 Residential Distribution Revenue									
E = D / B	2017 Revenue Per Customer	\$26.87	\$25.12	\$18.87	\$10.34	\$55.96	\$14.80	\$20.76	\$17.55	\$17.55
E1 = D / B	2017 Residential Rev per Customer				\$18.72					

F	October 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	2012 Authorized Revenue Per Customer	34.20	164.17	56.29	24.63	13.67	55.66	20.31	24.63	27.49

G = (F * B)	October 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	2012 Authorized Revenue Adjusted For 2017 Customer Count	\$1,406,450	\$120,829	\$168.87	\$15,036,953.79	\$194,002.59	\$10,407.78	\$113,092.66	\$485,475.39	\$467.38
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.37				

H = G - D	October 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	Decoupling True-up Revenue	\$30,150	\$23,370	\$94	\$3,518,268	\$47,230	\$56	\$50,722	\$76,229	\$169
			\$26.69	\$31.17	\$5.76	\$3.33	-\$0.30	\$5.52	\$3.87	\$9.95
						\$5.66				

Decoupling True-up Revenue

DUKE ENERGY OHIO
CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 14

A	November 2017 Actual, Weather Normalized (from page 3)									
	NON-RESIDENTIAL					RESIDENTIAL				
	DM	EH	ORH	ORHP	RS	CUR	RSPP	RSU	RSPP	TD
	40,162,581	6,580,681	446,661	7,050	448,482,212	6,678,530	392,183	3,529,470	17,371,603	15,084

B	November 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	DM	EH	ORH	ORHP	RS	CUR	RSPP	RSU	RSPP	TD
	41,194	731	191	3	611,231	14,172	185	5,512	19,496	17

C	November 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	Distribution Rate (\$ per kWh)	\$0.016478	\$0.019437	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017569
D = A * C	2017 Distribution Revenue	\$1,067,722	\$8,682	\$137	\$11,365,436	\$169,247	\$9,939	\$89,444	\$440,231	\$280
D1	2017 Residential Distribution Revenue					\$12,083,397				
E = D / B	2017 Revenue Per Customer	\$25.92	\$45.46	\$45.68	\$18.59	\$11.94	\$53.72	\$16.23	\$22.58	\$16.50
E1 = D / B	2017 Residential Rev per Customer					\$18.57				

F	November 2017 Actual (from page 2)									
	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)	November 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	\$1,408,981	\$120,008	\$10,751.12	\$168.87	\$15,055,180.67	\$193,688.25	\$10,296.46	\$111,975.34	\$480,204.38	\$467.38
2012 Authorized Revenue Adjusted For 2017 Customer Count			\$56.29	\$56.29	\$24.63	\$15,862,732	\$13.67	\$55.66	\$20.31	\$27.49
						\$24.37				

H = G - D	November 2017 Actual (from page 2)									
	NON-RESIDENTIAL					RESIDENTIAL				
	\$34,123.99	\$11,571	\$2,069	\$32	\$3,689,744	\$24,441	\$358	\$22,532	\$39,873	\$187
Decoupling True-up Revenue			\$10.83	\$10.61	\$6.04	\$3,779,336	\$1.72	\$4.09	\$2.05	\$10.99
						\$5.81				

Decoupling True-up Revenue

-\$4,132,166

\$4,079.27

**DUNE ENERGY CHSD
CALCULATION OF RIDER DOR (DECOUPLING) RATES
ACTUAL CUSTOMER COUNTS**

[illegible]

Source: Data Energy Ohio Revenue Reports

PAGE 17

DUKE ENERGY OHIO
 CALCULATION OF RIDER DOR (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-17	876,757	18,510	749,424,012	10,174,419	613,724	6,907,300	31,493,351	34,518	-	-	-	-	-	-	-	-
Feb-17	681,348	10,445	631,480,980	9,420,551	512,020	5,859,404	28,476,093	30,516	-	-	-	-	-	-	-	-
Mar-17	613,908	9,008	574,485,068	8,946,615	470,506	5,179,592	25,685,306	23,252	-	-	-	-	-	-	-	-
Apr-17	403,355	15,749	463,635,137	7,730,187	383,207	4,004,461	20,346,217	18,911	-	-	-	-	-	-	-	-
May-17	325,032	4,248	408,508,739	6,375,178	317,748	3,217,395	16,089,873	16,148	-	-	-	-	-	-	-	-
Jun-17	355,410	2,926	546,078,277	6,714,821	452,475	4,039,356	19,296,540	21,060	-	-	-	-	-	-	-	-
Jul-17	447,300	3,014	688,658,026	6,993,501	525,954	5,133,694	24,235,712	27,945	-	-	-	-	-	-	-	-
Aug-17	421,461	4,979	683,337,055	6,822,256	527,534	5,037,450	24,105,391	28,410	-	-	-	-	-	-	-	-
Sep-17	379,454	4,740	607,178,621	7,053,390	483,244	4,371,006	21,355,944	23,207	-	-	-	-	-	-	-	-
Oct-17	293,942	3,877	454,129,471	5,791,671	412,896	3,250,370	16,148,938	16,979	-	-	-	-	-	-	-	-
Nov-17	446,681	7,050	448,482,212	6,678,530	392,183	3,529,470	17,371,608	15,964	-	-	-	-	-	-	-	-
Dec-17	916,345	14,293	745,183,398	10,463,341	614,562	5,888,713	25,127,846	30,937	-	-	-	-	-	-	-	-
Total	6,155,033	98,019	7,001,381,988	93,164,480	5,762,563	56,419,911	274,732,724	287,847	-	-	-	-	-	-	-	-

Weather Normal DM	Weather Normal EH
Jan-17	53,225,376
Feb-17	46,005,281
Mar-17	43,350,752
Apr-17	41,129,167
May-17	39,101,836
Jun-17	46,238,317
Jul-17	51,282,746
Aug-17	52,223,815
Sep-17	48,392,904
Oct-17	41,562,572
Nov-17	40,162,581
Dec-17	48,449,286
Total	552,124,633

Weather Normal EH	Weather Normal EH
Jan-17	11,278,190
Feb-17	9,228,578
Mar-17	8,039,538
Apr-17	6,458,324
May-17	5,671,223
Jun-17	4,627
Jul-17	-
Aug-17	(6,787)
Sep-17	578
Oct-17	5,914,448
Nov-17	6,580,681
Dec-17	9,327,476
Total	62,483,876

PAGE 19

DUKE ENERGY OHIO
 CASE NO. 12-1883-EL-AIR
 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: J. ORIGINAL _____ UPDATED _____ REVISED _____
 WORK PAPER REFERENCE NO(S):

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

PROPOSED ANNUALIZED

LINE NO.	RATE CODE (A)	CLASS / DESCRIPTION (B)	CUSTOMER BILLS (1) (C)	SALES (1) (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST (F)	% OF REV TO TOTAL LESS FUEL COST (G)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F+H) (I)
RESIDENTIAL SERVICE									
1	RS	RESIDENTIAL SERV	7,250,014	7,056,386,826	3.151505	222,350,283	97.46	0	222,350,283
2	ORH	OPTIONAL HEATING SERVICE	2,381	6,318,563	2.347841	148,309	0.07	0	148,309
3	TD-2912 BARS	OPTIONAL TIME OF DAY SERVICE	789	888,793	3.334883	18,889	0.01	0	18,889
4	TD-2912 PLUS	OPTIONAL TIME OF DAY SERVICE	842	638,941	3.333572	21,039	0.01	0	21,039
5	TD-2912 MAX	OPTIONAL TIME OF DAY SERVICE	878	434,876	3.333579	14,487	0.01	0	14,487
6	TO	OPTIONAL TIME OF DAY SERVICE	272	420,284	2.782538	11,884	0.01	0	11,884
7	CUR	COMMON USE RESIDENTIAL SERVICE	154,581	86,758,058	3.646753	3,238,809	1.42	0	3,238,809
8	RSP	RESIDENTIAL THREE-PHASE SERVICE	1,880	4,348,487	2.921248	127,030	0.06	0	127,030
9	RSU	RESIDENTIAL SERVICE-LOW INCOME	95,898	78,712,480	2.783880	2,135,448	0.94	0	2,135,448
10	TOTAL RESIDENTIAL		7,528,145	7,233,584,452	3.152862	228,084,840	55.15	0	228,084,840
DISTRIBUTION VOLTAGE SERVICE									
11									
12	DB	SEC DISTRIBUTION SERV	242,331	6,386,386,823	1.887772	118,908,788	71.47	0	118,908,788
13	DS RTP	SEC DISTRIBUTION SERV RTP	37	1,268,732	3.173758	40,203	0.02	0	40,203
14	CURL	UNLIMITED SMALL FIXED LOAD	4,180	30,132,238	2.151374	648,257	0.38	0	648,257
15	EH	ELEC SPACE HTG	8,945	88,191,189	1.883212	1,378,127	0.83	0	1,378,127
16	DM	SEC DIST SERV-SMALL	464,889	534,841,413	3.885480	20,773,279	12.48	0	20,773,279
17	DP	PRIM DIST VOLTAGE	4,838	2,318,198,891	1.023458	24,388,050	14.88	0	24,388,050
18	DP RTP	PRIM DIST VOLTAGE RTP	63	8,275,353	2.884038	222,841	0.13	0	222,841
19	SPL-ADPL	OPT UNLIMITED BM FX LD ATTACH DIRECTLY PWR LINE	48	809,335	2.072148	10,492	0.01	0	10,492
20	TOTAL DISTRIBUTION		733,123	8,548,553,424	1.783850	185,392,137	80.23	0	185,392,137
TRANSMISSION VOLTAGE SERVICE									
21									
22	TS	TRANSMISSION SERV	831	3,115,128,371	0.003885	114,800	94.14	0	114,800
23	TS RTP	TRANSMISSION SERV RTP	22	22,889,541	0.001542	7,150	5.85	0	7,150
24	TOTAL TRANSMISSION		853	3,137,807,812	0.003888	121,950	99.99	0	121,950
LIGHTING SERVICE									
25									
26	SL	STREET LIGHTING	527,777	26,897,838	16.836274	6,480,228	65.20	0	6,480,228
27	TL	TRAMPING LIGHTING	424,188	18,185,886	1.018878	185,244	1.88	0	185,244
28	OL	OUTDOOR LIGHTING	287,843	23,817,383	10.323580	2,118,148	21.28	0	2,118,148
29	NSU	NON STD STREET LIGHTING	22,547	1,628,982	11.880891	118,381	1.20	0	118,381
30	RSP	NON STD POL'S	26,411	1,338,798	23.971500	351,182	3.23	0	351,182
31	SC	S.L. - CURT OWNED	1,152	21,185,388	0.581388	125,112	1.28	0	125,112
32	SE	S.L. - OVERHEAD BOUND	98,882	4,887,438	8.945398	488,189	4.98	0	488,189
33	UOLLS	UNLIMITED OUTDOOR LIGHTING	18,833	18,888,347	0.980240	88,538	0.88	0	88,538
34	TOTAL LIGHTING		1,529,844	122,682,818	8.080728	8,953,881	2.41	0	8,953,881
35	OTHER RETAIL		8,548,800	18,822,883,083		404,523,008	97.62	0	404,523,008
OTHER MISCELLANEOUS REVENUE									
36									
37	INTERDEPARTMENTAL		12	4,004,501	6.872182	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	-	1,563,436	17.30	0	1,563,436
43	INTERCOMPANY		0	0	-	0	0.00	0	0
44	SPECIAL CONTRACTS		24	1,415,950	1.545878	21,889	0.24	0	21,889
45	OTHER MISC		0	0	-	4,884,888	48.74	0	4,884,888
46	TOTAL MISC		36	5,420,451	108.708700	10,559,278	2.18	0	10,559,278
47	TOTAL COMPANY		8,548,800	18,828,314,123	2.085701	413,558,278	100.00	0	413,558,278

PROPOSED TOTAL REVENUE EXCL. CUST CHG

178,796,179	34,303,911	43,554,084	43,554,084
134,023	86,388,927	14,286	14,286
15,089	18,962,828	4,770	4,770
15,087	18,968,028	5,052	5,052
11,013	18,887,734	3,474	3,474
7,476	27,482,847	4,218	4,218
2,240,323	13,888,888	887,488	887,488
110,330	88,888,887	18,830	18,830
1,944,048	28,914,828	191,392	191,392
1,140,157	184,188,944	238,970	238,970
15,800,172	34,303,911	4,873,107	4,872,423

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).

DUKE ENERGY OHIO
RIDER DDR REVENUES
JUNE 2013 - DECEMBER 2017

PAGE 20

Sum of DIST DECOUPL	Column Labels						
Row Labels	DM	EH	OR	RS	TD	Grand Total	
1/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
2/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
3/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
4/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
5/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
6/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
7/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
8/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
9/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
10/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
11/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
12/1/2012		\$0	\$0	\$0	\$0	\$0	\$0
1/1/2013		\$0	\$0	\$0	\$0	\$0	\$0
2/1/2013		\$0	\$0	\$0	\$0	\$0	\$0
3/1/2013		\$0	\$0	\$0	\$0	\$0	\$0
4/1/2013		\$0	\$0	\$0	\$0	\$0	\$0
5/1/2013		\$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	\$4	\$87,199
2/1/2017		-\$9,081	\$6,983	\$71	\$68,268	\$3	\$66,245
3/1/2017		-\$8,652	\$6,131	\$64	\$62,083	\$2	\$59,628
4/1/2017		-\$8,272	\$4,993	\$47	\$54,533	\$2	\$51,303
5/1/2017		-\$8,072	\$4,444	\$39	\$51,655	\$2	\$48,067
6/1/2017		-\$9,415	\$4	\$42	\$66,614	\$3	\$57,248
7/1/2017		-\$10,563	\$0	\$52	\$82,519	\$3	\$72,011
8/1/2017		-\$10,439	-\$7	\$48	\$80,525	\$3	\$70,131
9/1/2017		-\$9,536	\$0	\$41	\$67,898	\$3	\$58,405
10/1/2017		-\$8,769	\$4,736	\$37	\$59,175	\$2	\$55,181
11/1/2017		-\$8,175	\$5,120	\$54	\$56,339	\$2	\$53,341
12/1/2017		-\$9,336	\$6,952	\$88	\$73,675	\$3	\$71,382
Grand Total		-\$2,222,689	\$210,950	\$6,758	\$7,028,968	\$7,610	\$5,031,596

DUKE ENERGY OHIO

PAGE 21

CALCULATION OF RIDER DDR (DECOUPLING) RATES
CALCULATION OF THREE PERCENT CAP BASED ON JANUARY 2017 THROUGH DECEMBER 2017 DISTRIBUTION REVENUES

	Sum of DISTRIBUTION	Sum of OHIO EXC TAX	Sum of UNIV SERVICE	Sum of DCI old DEMAND	Sum of RIDER EE	Sum of INFRA MOD
DM	\$21,550,526	\$2,473,335	\$158,683	\$2,537,678	\$768,500	\$3,928,743
EH	\$1,175,423	\$241,623	\$17,943	\$135,632	\$87,059	\$33,997
OR	\$136,477	\$26,182	\$1,695	\$15,934	\$20,127	\$12,281
RS	\$221,861,706	\$32,101,167	\$2,011,678	\$26,045,709	\$23,911,740	\$39,983,489
TD	<u>\$8,303</u>	<u>\$1,281</u>	<u>\$81</u>	<u>\$970</u>	<u>\$959</u>	<u>\$1,081</u>
Grand Total	\$244,732,435	\$34,843,588	\$2,190,080	\$28,735,922	\$24,788,386	\$43,959,591

Total Residential (OR, RS, TD)

Total DM

Total EH

\$346,140,859
\$31,417,466
\$1,691,677

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

3% of Total DM

3% of Total EH

\$10,384,226
\$942,524
\$50,750

TO PAGE 1

Fall 2017

PAGE 22

	RES_B_Meter	COM_B_Meter	IND_B_Meter	OPA_B_Meter	SL_B_Meter
Jan-18	768,977,793	585,017,828	458,421,120	110,089,376	7,848,773
Feb-18	742,792,052	534,880,474	418,166,484	97,195,081	7,852,647
Mar-18	621,300,210	503,184,879	412,576,523	99,157,020	7,856,336
Apr-18	497,468,430	500,356,728	420,891,740	102,471,879	7,859,967
May-18	437,178,343	482,336,007	403,045,479	98,008,988	7,863,499
Jun-18	533,834,735	542,757,309	443,083,526	104,489,272	7,852,689
Jul-18	692,698,489	599,594,290	448,656,755	108,663,196	7,848,138
Aug-18	710,942,317	605,637,206	439,388,142	109,032,867	7,854,143
Sep-18	679,181,771	607,747,314	453,077,967	111,108,865	7,854,792
Oct-18	522,532,966	547,807,078	429,902,554	105,372,685	7,879,571
Nov-18	448,603,882	492,253,424	406,998,870	98,086,470	7,882,475
Dec-18	629,344,241	546,854,055	442,845,371	107,670,217	7,885,487
Jan-19	759,840,235	572,051,762	452,775,963	104,989,466	7,888,596
Feb-19	744,385,544	536,847,584	419,363,134	97,602,032	7,891,498
Mar-19	620,708,020	507,217,536	414,954,543	99,703,828	7,894,266
Apr-19	484,327,022	488,897,158	410,103,001	99,513,576	7,896,996
May-19	457,589,757	499,332,661	417,753,723	100,662,547	7,899,625
Jun-19	535,901,061	545,880,898	442,945,104	103,564,126	7,887,880
Jul-19	692,658,130	599,599,973	448,548,373	107,206,353	7,882,439
Aug-19	710,605,843	605,005,495	440,252,616	107,338,069	7,887,691
Sep-19	677,851,308	606,573,995	452,714,660	109,027,780	7,887,775
Oct-19	519,778,378	541,713,836	427,881,693	102,488,506	7,911,948
Nov-19	446,580,427	487,626,558	404,466,774	95,178,197	7,913,918
Dec-19	629,230,625	542,770,032	441,103,263	104,524,257	7,915,467

	DM	EH
Jan-18	54,894,811	11,819,285
Feb-18	47,488,503	9,587,516
Mar-18	44,312,111	8,308,310
Apr-18	41,666,380	6,675,579
May-18	38,338,858	5,510,734
Jun-18	45,545,946	
Jul-18	51,163,508	
Aug-18	52,363,924	
Sep-18	50,381,190	
Oct-18	44,754,470	6,369,464
Nov-18	40,736,210	6,958,999
Dec-18	48,675,483	9,359,481
Jan-19	53,616,018	11,414,052
Feb-19	47,663,715	9,625,198
Mar-19	44,658,434	8,363,912
Apr-19	40,697,975	6,500,673
May-19	39,673,105	5,678,726
Jun-19	45,769,402	
Jul-19	51,132,069	
Aug-19	52,277,706	
Sep-19	50,245,533	
Oct-19	44,229,208	6,236,227
Nov-19	40,308,927	6,812,585
Dec-19	48,260,125	9,188,633

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19
Sheet No. 122.34
Cancels and Supersedes
Sheet No. 122.23
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~~ July 1, 2016~~2018~~, 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	\$0.000117 <u>000407</u>
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.000117 <u>000407</u>
Rate TD, Optional Time-of-Day Rate All kWh	\$0.000117 <u>000407</u>
Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advanced Metering All kWh	\$0.000117
Rate CUR, Common Use Residential Service All kWh	\$0.000117 <u>000407</u>
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000775 <u>000790</u>
Rate DM, Secondary Distribution Service, Small All kWh	(\$0.000203) <u>001280</u>

Filed pursuant to an Order dated ~~August 3, 2016~~ in Case No. 11-5905-EL-RDR before the Public Utilities Commission of Ohio.

Issued: ~~August 4, 2016~~

Effective: ~~August 30, 2016~~

Issued by James P. Henning, President

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19
Sheet No. 122.4
Cancels and Supersedes
Sheet No. 122.3
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 July 1, 2018, 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	\$0.000407
Rate ORH, Optional Residential Service With Electric Space Heating All kWh	\$0.000407
Rate TD, Optional Time-of-Day Rate All kWh	\$0.000407
Rate CUR, Common Use Residential Service All kWh	\$0.000407
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000790
Rate DM, Secondary Distribution Service, Small All kWh	\$0.001280

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

Issued:

Issued by James P. Henning, President

Effective:

This foregoing document was electronically filed with the Public Utilities

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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. Adele M. Frisch on behalf of Duke Energy Ohio, Inc. and Watts, Elizabeth H and D'Ascenzo, Rocco O