## BEFORE

## THE PUBLIC UTILITIES COMMISSION OF OHIO

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)

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 REVISED 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 Revised 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 revised calculation of the proposed rider rates. In the February 2018 annual update filing, Rider DDR revenues associated with Rate CUR in the amount of \$10,277 were inadvertently omitted from the work paper. The corrected work paper includes the revenues. As a result of this change, the proposed Rider DDR rate for residential customers decreased slightly from \$0.000964 per kWh to \$0.000962 per kWh.
- 5. These revised rates for Duke Energy Ohio customers subject to Rider DDR are just and reasonable and should be approved. A copy of the revised proposed tariff sheet is included as Attachment 2 to this Application.

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

# Respectfully submitted,

Duke Energy Ohio, Inc.

/s/ Elizabeth H. Watts Rocco D'Ascenzo (0077651) Deputy General Counsel Elizabeth H. Watts (0031092) Associate General Counsel Duke Energy Business Services LLC 139 East Fourth Street, 1303-Main Cincinnati, Ohio 45201-0960 614-222-1331 Rocco.d'ascenzo@duke-energy.com elizabeth.watts@duke-energy.com

## CERTIFICATE OF SERVICE

I hereby certify that a true and accurate copy of the foregoing was delivered by U.S. mail (postage prepaid), personal, or electronic mail, on this 7<sup>th</sup> day of December, 2018, to the following parties.

<u>/s/ Elizabeth H. Watts</u> Elizabeth H. Watts

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## Counsel for Staff of the Commission

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Counsel for the Ohio Consumers' Counsel PUCO Case No. 11-5905-EL-RDR 2018 Attachment 1 Revised Page 1 of 22

PAGE 1 ATTACHMENT 1

DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DISTRIBUTION DECOUPLING) RATES EFFECTIVE JULY 1, 2018 - JUNE 30, 2019

Rider DDR Rates	Effective July 2018 - June 2019 J = H / I	\$0.000962	\$0.000790	\$0.001398	
kwh	Billing Determinants kWh July 2018 - June 2019 July	7,286,055,304	64,270,505	560,153,434	7,910,479,243
Total Requirement	Decoupling Revenues To Be Recovered July 2018 - June 2019 H = A + B + C + D + E - F +G	\$7,010,320	3% Cap Applied <sup>6</sup> \$50,750	\$782,880	\$7,843,950
CY2017 Decoupling Feb 2018 Filing	DDR Revenues Jul 2018 - Jun 2019 Allowed <sup>7</sup> G	\$5,313,253	-\$70,923	\$560,825	\$5,803,155
Less:	DDR Revenues Jul 2013 - Dec 2017 Actual F	\$7,053,613	\$210,950	-\$2,222,689	\$5,041,874
CY2016 Decoupling Feb 2017 Filing	DDR Revenues Jul 2017 - Dec 2017 Allowed <sup>5</sup> E	\$1,788,499	-\$20,736	\$179,385	\$1,947,148
ng CY2015 Decoupling Feb 2016 Filing	DDR Revenues Jul 2016 - Jun 2017 Allowed <sup>4</sup> D	60/1/6\$	-\$123,296	-\$138,466	\$709,947
CY2014 Decoupling Feb 2015 Filing	DDR Revenues Jul 2015 - Jun 2016 Allowed <sup>3</sup> C	-\$536,423	-\$172,956	-\$154,822	-\$864,201
1	DDR Revenues Jul 2014 - Jun 2015 Allawed <sup>2</sup> B	\$1,168,781	\$241,128	-\$673,197	\$736,712
CY2012 Decoupling Feb 2013 Filing	4	\$5,358,114	\$719, <b>31</b> 8	-\$1,213,534	\$4,863,898
	Rates Effective:	Residential (RS, RS3P, RSL), ORH, TD, TD13)	æ	М	Total

<sup>1</sup> Application dated February 26, 2013. Attachment 1 page 1. <sup>2</sup> Application dated February 26, 2014. Attachment 1 page 2. <sup>3</sup> Application dated February 25, 2015. Attachment 1 page 2. <sup>3</sup> Application dated February 22, 2015. Attachment 1 page 2. <sup>5</sup> Application dated February 22, 2017. Partial year allowed revenues calculated on page 2 of this work paper. <sup>6</sup> Three parcent cape he effect for flace EH. Cap calculated on page 20. <sup>7</sup> From page 3 of this work paper.

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

	Kesidenual	DIM	5	
	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	6,147,704
	Nov-17	458, 164, 300	39,581,227	6,599,471
	Dec-17	646,493,830	47,543,613	8,951,810
	Jan-18	795,816,560	52,371,829	10,629,374
	Feb-18	714,591,400	48,033,836	11,213,863
	Mar-18	628,731,330	44,303,831	8,083,051
	Apr-18	524,652,230	43,475,885	7,035,149
	May-18	426,344,520	37,701,500	5,661,750
	Jun-18	541,154,770	46,415,978	
Total	7	7,255,423,650	560,098,230	64,322,172
Jul-Dec 2017 kWh	'n	3,624,132,840	287,795,371	21,698,985
Allowed 2016 Revenues Excl Cap and True-up		\$3,580,531	\$349,113	-\$61,469
July 2017-June 2018 DDR Rate per kWh Excl Cap and True-Up	-Up	\$0.000493	\$0.000623	-\$0.00056
Jul 2017-Dec 2017 Allowed Revenue Excl Cap and True-Up		\$1,788,499	\$179,385	-\$20,736

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> DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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	ION-RESIDENTIAL				RESIDENTIAL	ITIAL	1		
MIC	EH	ORH	ORHP F	SS	CUR	RS3P I	RSLI	RSPP 1	0
549,642,	549,642,535 62,129,04	62,129,046 5,969,899		96,131 6,850,828,348 91,050,492 5,658,390 55,230,181 268,847,859	8 91,050,492	5,658,390	55,230,181	266,847,859	281,596

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No. Bills	NON-RESI	SIDENTIAL					RESIDENTIAL	AL				
	DM	H	HNO	ORHP	RS	CUR		tS3P	RSL	RSPP	DT TD	
	492,821	5,804		2,315	34	7,292,828	169,631	2,2	11	70,158	247,211	50

		NON-RESIDENTIAL	INTIAL				RESIDENTIAL	L			
П з											Note 1
D=A*C	2017 Distribution Revenue	\$16,295,405	\$1,023,762	\$124,891	\$1,949	\$173,613,692	\$2,307,402	\$143,395	\$1,399,643	\$6,813,142	\$5,27 <b>4</b>
E=D/8	2017 Revenue Per Customer 2017 Revenue Per Customer 2017 Beridantal Bourner Customer	\$33.07	\$176.39	\$53.95	\$57.33	\$23.81	\$13.60 \$64.86 \$13.60 \$64.86	\$64.86	\$19.95	\$27.56	\$25.48
			-					5			
		NON-RESIDENTIAL	NTIAL				RESIDENTIAL				

2012 Authorized Revenue Adjusted	NON-RESIDENTIAL	NTIAL				RESIDENTIAL	<b>TAL</b>			
For 2017 Customer Count	\$16,856,230	\$952,840	\$130,308.12	\$1,913.81	\$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	2,318,341.18	\$123,056.67 \$	\$1,425,247.86 \$6	s,089,033.88	\$5,690.98
						\$189,722,6	541			
			\$56.29	\$56.29	\$24.63	\$13.67	\$55.66	\$20.31	\$24.63	\$27.49
						\$24.37				

G = (F \* B)

NON-RESIDENTIAL				RESIDENTIAL	٦			
526'04.5; S28'0955	\$5,417	-\$36	\$6,015,357	\$10,940	\$20,338	\$25,605	\$25,605 -\$724,109	\$417
				\$5,313,253				
	\$2.34	-\$1.04	\$0.82	\$0.06	-\$9.20	\$0.36	-\$2.93	\$2.01
				\$0.68				

Decoupling True-up Revenue

Decoupling True-up Revenue

H=G-D

\$5,803,155

enue

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> DUKE ENERGY OHIO CALCULATION OF RIDER DOR (DECOUPLING)

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kwh		NON-RESIDENTIAL	<b>TTIAL</b>		January 201.	January 2017 Actual, Weather Normalized (from page 3) RESIDENTIAL	vormalized (from page RESIDENTIAL	n page 3) VTIAL			
	MO	표	STILL DOUG	ORH 0	ORHP	RS	CUR	RS3P	RSU	RSPP 1	QL QL
	No.	53,225,376	11,278,190	876,757	18,610	0 749,424,012	10,174,419	623,224	6,907,300	32,493,261	34,618
No. Bilis		NON-RESIDENTIAL	TIAL		5 L	January 2017 Actual (from page 2) RESID	(from page 2) RESIDENTIAL	TTIAL			
	MQ	표		ORH 0	ORHP	RS	CUR	RS3P	RSU	RSPP 1	1D
	The second second	40,830	717	193		3 605,585	14,125	184	6,324	21,671	18
	L	NON-RESIDENTIAL	UTAL.				RESIDENTIAL	UTIAL.			
Distribution Rate (\$ per kWh)		\$0.026343	\$0.016478	ŝ	\$0.019237		\$	-05	\$0.025342	ŝ	Note 1 \$0.017459
2017 Distribution Revenue		\$1,402,116	\$185,842	\$16,866	\$358	8 \$18,991,903	\$257,840	\$15,794	\$175,045	\$823,444	\$604

0-0-0	Distribution Rate (\$ per kWh)	\$0.026343 \$1 402 116	\$0.016478 \$185 943	\$0.019237 \$16 966	\$0.019237 ¢258	\$0.025342 ¢10 001 002	\$0.025342 ¢157 840	\$0.025342 ¢15 704	\$0.025342 ¢175 045	\$0.025342 \$873 AAA	\$0.017459 \$604
10	2017 Residential Distribution Revenue	011/204/16	7to'rot¢	000'070	occt	COC'TEC'OTC	\$20,281,8	125 Periore	cto'c/T¢	****	hoot
E=D/B	2017 Revenue Per Customer	\$34.34	\$259.19	\$87.39	\$119.33	\$31.36	\$18.25	\$85.84	\$27.68	\$38.00	\$33.58
E1=D/B	2017 Residential Rev per Customer						\$31.29				
		NON-RESIDENTIAL	ENTIAL				RESIDENTIAL	IAL			
u.	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
	2012 Authorized Revenue Adjusted	NON-RESIDENTIAL	ENTIAL				RESIDENTIAL	.IAL			
G={F*B)	For 2017 Customer Count	\$1,396,531	\$117,710	\$10,863.70	\$168.87 \$	\$168.87 \$14,916,114.51	\$193,045.90 \$10,240.81 \$128,470.99	\$10,240.81	\$128,470.99	\$533,776.63	\$494.87
				\$56.29	\$56.29	\$24.63	\$13.67 \$13.67 \$24.37	\$55.66	\$20.31	\$24.63	\$27.49
		NON-RESIDENTIAL	ENTIAL				RESIDENTIAL	.IAL			
H=G-D	Decoupling True-up Revenue	100 SS5585	01/1/-S68/193	\$6,002	6815-	-\$4,075,789	-\$64,794	-\$5,553	-\$46,574	-\$289,668	-\$110
				-\$31.10	-\$63.04	-\$6.73	-\$4,488,679 -\$4.59 -\$6.93	10	-\$7.36	-\$13.37	-\$6.08

\$4,562,396

Decoupling True-up Revenue

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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A     DM     EH       B     40,047     0,047       No. Bills     NON-RESIDENTIAL       No. Bills     NON-RESIDENTIAL       D=A*C     2017 Distribution Rate (5 per kWh)       D=A*C     2017 Distribution Revenue       C     2017 Distribution Revenue       D1     2017 Residential Rev per Customer       E=D/B     2017 Revenue Per Customer       S     2017 Revenue Per Customer       F     2012 Authorized Revenue Per Customer       C     2012 Authorized Revenue Per Customer       S     2012 Authorized Revenue Per Customer       F     2012 Authorized Revenue Per Customer       S     34.20       G=(F*B)     \$1,333,692	EH 0RH 0RH 81.348 9,228,578 681.348 IDENTIAL 0RH 194	ORHP RS CUR RS3P RS⊔ RSPP TD   10.445  631.480.980  9.420.551  512.020  5.859.404  28.476.083  30.516
No. Bills No. Bills Distribution Rate (\$ per kWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Per Customer 2012 Outhorized Revenue Adjusted For 2017 Oustomer Count	EH 0RH 0RH 9,228,578 081,348 9,228,578 081,348 DENTIAL 0RH 194	RS CUR RS3P RSID RSP TD 10.445 631,480,980 9,420,551 512,020 5,859,404 28,476,093
No. Bills Distribution Rate (5 per kWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Oustomer Count	DENTIAL ORH 124	lean's that and a loss's is is in a loss's the loss hat is
No. Bills Distribution Rate (\$ per kWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	ORH 194	
Distribution Rate (\$ per kWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	ORH 717 194	February 2017 Actual (from page 2) RESIDENTIAL
Distribution Rate (\$ per KWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2012 Residential Rev Per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	717 194	RS CLIR
Distribution Rate (\$ per kWh) 2017 Distribution Revenue 2017 Revenue Per Customer 2017 Revenue Per Customer 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count		3 606,399 14,091 183 6,251 21,893
Distribution Rate (\$ per KWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count		
Distribution Rate (\$ per KWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	N-RESIDENTIAL	RESIDENTIAL
2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2017 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	26343 \$0.016478 \$0.019237 11,917 \$152,069 \$13,107	Note 1 \$0.019237 \$0.025342 \$0.025342 \$0.025342 \$0.025342 \$0.017459 \$201 \$16,002,991 \$238,736 \$12,976 \$148,489 \$721,641 \$533
2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	\$29.74 \$212.09 \$67.56	\$17,138,673 \$66.98 \$26.39 \$16.94 \$70.90 \$23.75 \$32.96 \$29.60 \$26.41
2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count		beaterst
2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count	N-RESIDENTIAL	RESIDENTIAL
2012 Authorized Revenue Adjusted For 2017 Customer Count	34.20 164.17 56.29	56.29 24.63 13.67 55.66 20.31 24.63 27.49
For 2017 Customer Count	NON-RESIDENTIAL	RESIDENTIAL
NON-RESIDE	33,692 \$117,710 \$10,919.99	\$168.87 \$14,336,164.08 \$192,581.22 \$10,185.15 \$126,388.00 \$539,244.69 \$494.87
NON-RESIDE	\$56.29	\$56.29 \$24.63 \$13.67 \$55.66 \$20.31 \$24.63 \$27.49 \$24.37 \$55.66
	NON-RESIDENTIAL	RESIDENTIAL
H = G - D Decoupling True-up Revenue	281(25-10) 858/925 181 121 121 121 121 121 121 121 121 121	131 <u>111 - 111111 - 1111111 - 111111 - 111111</u>
		-\$1,321,926 -\$10.69 -\$1.76 -\$3.28 -\$15.25 -\$3.44 -\$8.33 -\$2.11 -\$2.04 -\$2.04
Decoupling True-up Revenue	4,510	

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> DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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	TIAAN		NON-RESIDENTIAL	<b>TIAL</b>				RESIDE	NTIAL	一下になっている		
		MO	H		ORH OI	ORHP R		CUR		RSU	RSPP TD	
		-	43,350,752	8,038,538	613,908	880'6	574,485,068	8,946,615	474,506	5,179,892	25,685,306	23,252
						Mar	March 2017 Actual (from page 2)	from page 2)				
	No. Bills		NON-RESIDENTIAL	ITIAL				RESIDENTIAL	NTIAL			
		MQ	Ħ		ORH OF	ORHP R	RS	CUR	RS3P	RSU	RSPP TD	
			40,872	721	192	m	606,902	14,075	184	6,148	22,026	
			NON-RESIDENTIAL	ITIAL				RESIDENTIAL	NTIAL			
	Distribution Rate (\$ per kWh)		\$0.026343	\$0.016478	\$0.019237	\$0.019237	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	Note 1 \$0.017459
D=A*C	2017 Distribution Revenue		\$1,141,989	\$132,459		\$175	\$14,558,601	\$226,725	\$12,025	\$131,269	\$650,917	\$406
U1 E=D/8 E1=D/8	201. Kesidential Uistributaon Kevenue 2017 Revenue Per Customer 2017 Residential Rev per Customer		\$27.94	\$183.72	\$61.51	\$58.28	\$23.99	\$15,591,927 \$16.11 \$24.00	,927 \$65.35 30	\$21.35	\$29.55	\$22.55
		L	NON-RESIDENTIAL	ITIAL				RESIDENTIAL	VTIAL			
	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
	2012 Authorized Revenue Adjusted	Ц	NON-RESIDENTIAL	ITIAL				RESIDENTIAL	UTIAL			
G = (F * B)	For 2017 Customer Count		\$1,397,968	\$118,366	\$10,807.41	\$168.87	\$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 \$13.67 \$24.37	,044 \$55.66 37	\$20.3 <b>1</b>	\$24.63	\$27.49
		L	NON-RESIDENTIAL	ITIAL				RESIDENTIAL	TTAL			No.
0-9=H	Decoupling True-up Revenue		2255,979 Start 100	-514,093	ELE 95 100 102 102 102 102 102 102 102 102 102	95	E26,0866	EDE DES	12.4.51.784	ELE'96'373	-\$108,396	\$83
					-\$5.22	-\$1.99	\$0.64	\$238,117 -\$2.44 \$0.37	117 -\$9.70 7	\$1.04	-\$4.92	\$4.94

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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	kwh		NON-RESIDENTIAL	TIAL		2		RESIDENTIAL	TIAL			
		MO	Π	1000	ORH (	ORHP	RS	CUR	lighters)	RSLI R	RSPP TD	0
A			41,129,167	6,458,324	403,355	15,749	463,635,137	7,730,187	383,207	4,004,461	348,217	18,911
						Apr	April 2017 Actual (from page 2)	rom page 2)				
	No. Bills		NON-RESIDENTIAL	TIAL			10 THE 10 THE 10	RESIDENTIAL	TIAL			100
		MQ	Ŧ		ORH	ORHP R	RS	CUR R	RS3P F	RSLI R	RSPP TD	0
8			40,839	713	192	m	605,873	14,062	183	6,040	21,607	18
			NON-RESIDENTIAL	TIAL				RESIDENTIAL	TIAL		80 B 3	
·	Distribution Bata (C nar Mulh)		EVESCULS	¢0.016478	¢n 010737	¢0.010.037	¢n mssann	¢n meadh	¢n mseadh	¢0 075347	Ch MTE247	Note 1 CO 017450
D=A*C	2017 Distribution Revenue		\$1,083,466	\$106,420		E0E\$	\$11,749,442	\$195,898	111/6\$	\$101,481	\$515,614	028\$
01 E = D/8 E1 = D/8	2017 Residential Distribution Revenue 2017 Revenue Per Customer 2017 Residential Rev per Customer		\$26.53	\$149.26	\$40.41	\$100.99	\$19.39	\$12,580,539 \$13.93 \$19.42	539 \$53.07 2	\$16.80	\$23.86	\$18.34
				-								
		U	NON-RESIDENTIAL	TIAL				RESIDENTIAL	TIAL			Π
ц.	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
										11 H		
	2012 Authorized Revenue Adjusted		NON-RESIDENTIAL	TIAL				RESIDENTIAL	TIAL			
G = (F * B)	For 2017 Customer Count		\$1,396,839	\$117,053	\$10,807.41	\$168.87	\$168.87 \$14,923,208.22	\$192,184.88 \$: 615 701 051	\$10,185.15	\$122,701.57	\$532,200.25	\$494.87
					\$56.29	\$56.29	\$24.6 <b>3</b>	\$13.67 \$24.37 \$24.37	355.66 7	\$20.31	\$24.63	\$27.49
			NON-RESIDENTIAL	TIAL				RESIDENTIAL	TIAL			
H=G-D	Decoupling True-up Revenue		2007019-00-00-00-00-00-00-00-00-00-00-00-00-00	SHAD OF	\$3,048	PELS.	~\$3,173,767	\$1348 \$3173,767 \$4185 \$3,714 *** \$474 *** \$11,221 **** \$16,586 ***	-4745 F	122,122 P.	18 \$16,586 M	sie5
					\$15.88	-\$44.70	\$5.24	\$3,211,413 -\$0.26 \$4.96	113 \$2.59	\$3.51	\$0.77	\$9.15
	Decoupling True-up Revenue		819,555,6\$-									

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

			May 2017 Actual, Weather Normalized (from page 3)	
	KWh	NON-RESIDENTIAL	RESIDENTIAL	STANS-SCOLO
A		DM EH 5,671,223	ORH ORHP RS CUR R33P RSU RSP 3 325,032 4,248 408,090,739 6,375,178 374,748 3,217,385 16,089,873	TD 16,148
			May 2017 Actual (from page 2)	
	No. Bdls	NON-RESIDENTIAL		
8		DM EH 40,988 717	ORH         RS         CUR         RSJP         RSL         RSPP         ZI,013         T,011         T,012         T,012         T,013         T,013 <tht,013< th=""> <tht,013< th=""></tht,013<></tht,013<>	TD 17
		NON-RESIDENTIAL	RESIDENTIAL	
				Note 1
0-4-0	Distribution Rate (\$ per kWh)	\$0.016478 \$1 020 050 502 450	8 \$0.019237 \$0.019237 \$0.025342 \$0.025342 \$0.025342 \$0.025342 00 \$6.552 \$0.019237 \$0.0152542 \$0.025342 \$0.025342	2 \$0.017459
. 10	2017 Residential Distribution Revenue		τυ, τυ, στι, στι, στι, στι, στι, του του του του, του, του, του, του, τ	
E=D/B E1=D/B	2017 Revenue Per Customer 2017 Residential Rev per Customer	\$25.13 \$130.34	4 \$32.40 \$27.24 \$17.09 \$11.46 \$51.33 \$13.73 \$19.40 \$17.03	\$16.58
		NON-RESIDENTIAL	RESIDENTIAL	
u	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
	2012 Authorized Revenue Adjusted	NON-RESIDENTIAL	RESIDENTIAL	
G = (F * B)	For 2017 Customer Count	\$17,710 \$	0 \$10,863.70 \$168.87 \$14,935,671.46 \$192,649.56 \$10,296.46 \$120,609.15 \$517,569.48	\$467.38
			\$15,788,296	
			556.29 556.29 524.63 513.67 555.66 520.31 524.63 \$24.37	527.49
		NON-RESIDENTIAL	RESIDENTIAL	
H=G-D	Decoupling True-up Revenue		3113 10 10 10 10 10 10 10 10 10 10 10 10 10	100 L 100 L 100 L
			\$4,758,773 \$23.89 \$29.05 \$7.54 \$2.21 \$4.32 \$6.58 \$5.23 \$7.35	10.91
	Decoupting True-up Revenue -Jan Decoupting True-up Revenue -Feb	015/21/201306		
	Decoupling True-up Revenue -Mar Decoupling True-up Bevenue -Ann	5480,003		
	Decoupling True-up Revenue -May	SS1154 908		
	Decoupling True-up Revenue - Jun	5919388		
	Decoupling True-up Revenue - Jui Decoupling True-up Revenue - Aug	110 000 000 000 000 000 000 000 000 000		
	Decoupling True-up Revenue - Sept	686 TELS		
	Decoupling True-up Revenue - Oct	54,002,686		
	Decoupling True-up Revenue - Nov Decoupling True-up Revenue - Dec	618/145		
		-\$5,803,155 Under collected		

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 9

ad:28:317         data         ad:24:01         32:36         ad:00:77         0.74:4281         ad:24:03         ad:26:040         ad:32:04           Immediate         Immediate         Immediate         Immediate         Ad:00         32:041         Ad:37         Ad:37         Ad:37         Ad:37         Ad:37         Ad:32         Ad:32 <th></th> <th>NUN-RESIDENTIAL</th> <th>DENTIAL</th> <th>Мар</th> <th>anao</th> <th></th> <th>VESID</th> <th></th> <th>DCIT</th> <th>DCDD TD</th> <th></th>		NUN-RESIDENTIAL	DENTIAL	Мар	anao		VESID		DCIT	DCDD TD	
Nue 2017 Actual from pag 1         Nue 2017 Actual from pag 1           Nue 2017 Actual from pag 1         Nue 2017 Actual from pag 1           Nue 2017 Actual from pag 1         Nue 2017 Actual from pag 1           Nue 2017 Actual from pag 1         Nue 2017 Actual from pag 1           Nue 2017 Actual from pag 1         Nue 2017 Actual from pag 1           Nue 2017 Actual from Pag 1         Nue 2017 Actual from pag 1           Nue 2017 Actual from Pag 1         Nue 2017 Actual from pag 1         Nue 2012 Actual from pag 1           2017 Bendential Review         State 2012 Actual from the citation         State 2012 Actual from the citation         State 2012 Actual from the citation           2017 Bendential Review         Nue 2012 Actual from the citation         State 2012 Actual from the citation         State 2012 Actual from the citation         State 2012 Actual from the citation           2012 Authorized Review Pre Cutation         State 2012 Actual from the citation           2012 Authorized Review Pre Cutation         State 2012 Actual from the citation         State 2012 Actual from the citation         State 2012 Actual from the citation           2012 Authorized Review Pre Cutation         State 2012 Actual from the citation         State 2012 Actual from the citation         State 2012 Actual from the citation		46,238,317		355,410	2,926	546,078,277	,714,821	452,475	4,039,856	296,540	21,060
No. Refs         NOV-Refs					In	e 2017 Actual (fr	om page 2)				
Image: Normal State	No. Bills	NON-RESIL	DENTIAL				RESIDEN	TIAL			
41.12         10         139         2         665.591         14.16         128         5.448         204.41           Non-residential 2017 Detribution Revenue 2017 Retential Directionin Revenue 2017 Retential Rev per Cutatomer 2012 Arthorited Revenue Per Cutatomer 2013 Arthorited Revenue Per Cutatomer 2013 Arthorited Revenue Adjated For 2017 Cutatomer Cutur 57, 48, 51, 51         20.033-84         50.044         50.044			H				-TWI-SX				ł
Ditribution fare (per Wh)         MONRESIDENTIAL         MONRESIDENTIAL         RESIDENTIAL           2017 bit function for menus         2017 bit function for menus         50.0353.4		41,172	10			605,991		182	5,848	20,441	
Non-residential         Non-residential         Soutisation         Soutisation <td></td>											
Ditribution fare (5 pr. Wh)         5.0.03342         5.0.034		NON-RESIL	DENTIAL				RESIDEN	TIAL			
Other Handling Revenue         Stratue         Austratue         Stratue         Stratue <thstratue< th="">         Stratue         Stratue</thstratue<>	Distriku tilan Data (¢ nas (14/h)	ÉN MAERNA			én mesan	Ch ME247	¢n mesan	¢0 00E340	ĆO OJEGAJ	én mesan	Note 1
2017 Relational Optimulation Referring         39.65         51.84         51.66         51.21.26         56.30         51.73         53.85         51.53         53.30         51.53         53.33 <td></td> <td>\$1,632,582</td> <td>atniné</td> <td><i>Ż</i>.</td> <td>\$74</td> <td>\$13,838,716</td> <td>\$170,167</td> <td>\$11,467</td> <td>\$102,378</td> <td>\$489,013</td> <td>1943</td>		\$1,632,582	atniné	<i>Ż</i> .	\$74	\$13,838,716	\$170,167	\$11,467	\$102,378	\$489,013	1943
Outside inder for Customer     S01,0		539.65	\$7.62		\$37.08	\$37.84	\$14,621		\$17.51	\$23 97	\$25 96
2012 Authorized Revenue Per Customer         MON-RESIDENTIAL         RESIDENTIAL         RESIDENTIAL           2012 Authorized Revenue Per Customer         34.20         164.17         56.29         56.29         34.63         13.67         55.66         20.31         24.63           2012 Authorized Revenue Adjusted Fer 2017 Customer Counti Fer 2017 Customer Counti         34.20         164.17         56.29         56.29         34.63         13.67         55.66         20.31         24.63           For 2017 Customer Counti         51,642         51.0,663.70         51.12.58         51.4,926,114.66         51.93,469.58         51.0,830.13         503,480.60         5           For 2017 Customer Counti         51,642         51.0,653.70         51.12.58         51.643         51.56.43         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50.31         50.463         50							\$22.6				
NON-RESIDENTIAL         RESIDENTIAL         RESIDENTIAL           2012 Authorized Revenue Per Customer         34.20         164.17         56.29         24.63         13.67         55.66         20.31         24.63           2012 Authorized Revenue Adjusted         NON-RESIDENTIAL         NON-RESIDENTIAL         RESIDENTIAL         RE											
2012 Authorized Revenue Per Customer       34.20       164.11       56.29       56.29       24.63       13.67       55.66       20.31       24.63         2012 Authorized Revenue Adjusted       NON-RESIDENTIAL       NON-RESIDENTIAL       RESIDENTIAL       RESIDENTIAL       85.63       303,480.56       53.640.5       20.31       24.63       20.31       24.63       513,465.56       510,70       515,672       515,672       514,663       513,673,480.113       503,480.60       5         Per 2017 Outtomer Count       51,406,213       \$1,602,239       \$1,562       \$56,29       \$56,29       \$14,63       \$13,67       \$15,763,439       \$14,63       \$15,763,439       \$14,63       \$20,31       \$24,63       \$20,31       \$24,63       \$20,31       \$24,63       \$20,31       \$24,63       \$20,31       \$24,63       \$20,31       \$24,63       \$24,63       \$20,31       \$24,63       \$2		NON-RESIL	DENTIAL				RESIDEN	UTIAL.			
2012 Arthorized Revenue Adjusted       NON-RESIDENTIAL       RESIDENTIAL         For 2017 Customer Count       \$1,408,219       \$1,086.3.70       \$11.2.58       \$19,465.58       \$10,119.49       \$118,801.13       \$503,480.50       \$         For 2017 Customer Count       \$1,408,219       \$1,042       \$10,863.70       \$11.258       \$14,926,114.66       \$193,465.58       \$10,119.49       \$118,801.13       \$503,480.50       \$         Per 2017 Customer Count       \$1,402       \$10,863.70       \$11.2.58       \$14,926,114.66       \$10,319,49       \$118,801.13       \$503,480.50       \$         Decoupling True-up Revenue       NON-RESIDENTIAL       NON-RESIDENTIAL       RESIDENTIAL       RESIDENTIAL       \$14,377       \$56,423       \$14,457       \$51,453 <td>2012 Authorized Revenue Per Customer</td> <td>34.20</td> <td>164.17</td> <td></td> <td>56.29</td> <td>24.63</td> <td>13.67</td> <td>55.66</td> <td>20.31</td> <td>24.63</td> <td>27.49</td>	2012 Authorized Revenue Per Customer	34.20	164.17		56.29	24.63	13.67	55.66	20.31	24.63	27.49
2012 Authorized Revenue Adjusted       NON-RESIDENTIAL       NON-RESIDENTIAL       RESIDENTIAL         For 2017 Customer Count       \$1,402,129       \$1,642       \$10,863.70       \$11,565       \$13,469.58       \$10,129.49       \$118,801.13       \$503,480.50       \$         For 2017 Customer Count       \$1,402,114.66       \$133,469.58       \$10,129.49       \$118,801.13       \$503,480.50       \$         Result       \$1,402,114.66       \$133,469.58       \$10,129.49       \$118,801.13       \$503,480.50       \$         Decoupling True-up Revenue       NON-RESIDENTIAL       NON-RESIDENTIAL       RESIDENTIAL       RESIDENTIAL       \$24.63       \$20.31       \$24.63       \$24.63       \$20.31       \$24.63											ł.
For 2017 Customer Count         51,408,229         \$1,642         \$10,863.70         \$11,258         \$14,926,114.66         \$193,465.38         \$10,129.49         \$118,801.13         \$503,480.50         \$           Sec.10         \$56.29         \$56.29         \$56.29         \$24,63         \$15,763,439         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$203,11         \$24,63         \$24,63         \$203,11         \$24,63         \$24,63         \$203,11         \$24,63         \$24,63         \$203,11         \$24,63	2012 Authorized Revenue Adjusted	NON-RESIL	DENTIAL				RESIDEN	TTIAL.			
S56.29         S56.29         S56.26         S20.31         S24.63         S20.31         S24.63         S24.63         S20.31         S24.63         S24.63         S20.31         S24.63         S24.63         S24.63         S24.63         S20.31         S24.63         S24.64         S24.63         S24.64<		\$1,408,229	\$1,642		\$112.58 \$	14,926,114.66	\$193,469.58	\$10,129.49	\$118,801.13	\$503,480.60	\$467.38
Decoupling True-up Revenue         NON-RESIDENTIAL         RESIDENTIAL           39.62         \$19.21         \$1.07         \$1.42,177         \$1.44,277         \$0.71           Decoupling True-up Revenue         \$9.62         \$19.21         \$1.79         \$1.65         \$0.71				\$56.29	\$56.29	\$24.63	\$13.67 \$24.3	- C.L.	\$20.31	\$24.63	\$27.49
Non-Residential         Residential           Decoupling True-up Revenue         \$124,354         \$1565         \$1567         \$157         \$1321         \$157,423         \$15,423         \$15,423         \$15,4368         \$15,4368         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,433         \$15,423         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,436         \$15,433         \$15,436         \$15,436         \$15,436         \$15,436         \$15,4468         \$1											
Decoupling True-up Revenue 51.555 51.524.354 51.555 51.557 51.557 51.557 51.057.399 51.523 51.337 51.5423 51.4688 51.4688 51.4688 51.442177 51.4688 51.4688 51.442177 51.4688 51.4688 51.4688 51.442177 51.46888 51.46888 51.46888 51.4688 51.468888 51.4688 51.4688 51.468885		NON-RESIL	DENTIAL				RESIDEN	ITIAL.			
\$1,142,177 \$9.62 \$19.21 \$1.79 \$1.65 \$2.81 \$0.71 \$1.77 \$1.85 \$1.77		VSEVASY	1, 51,565	-	1865	\$1,087,399	\$23,303	1266,12:	10-10-516/423	\$14,468	5 1 2 1
				<b>\$9.62</b>	\$19.21	\$1.79	\$1,142, \$1.65 \$1.77		\$2.81	\$0.71	\$1.54
	Decoupling True-up Revenue	-\$919.388									

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 10

A No. Bills No. Bills No. Bills D=A * C Distribution Rate (5 per KWh) D=A * C 2017 Distribution Revenue 01 2017 Residential Distribution Revenue E = D/B 2017 Residential Rev per Customer E1 = D/B 2017 Residential Rev per Customer F 2012 Authorized Revenue Per Customer		DM EH 52.282.746		Нас							
		52.282.746			ORHP R	RS (	CUR R	RS3P	RSL	RSPP TD	0
			0	447,300	3,014	688,658,026	6,993,501	525,954	5,133,694	24,235,712	27,845
					1	July 2017 Actual (from page 2)	om page 2)	27			
		NON-RESIDENTIAL	AL I				RESIDENTIAL	ITIAL			
		DM		ORH O	ORHP R	RS	CUR	RS3P	RSLI	RSPP TD	
		41,217	4	194	2	605,979	14,154	187	5,768	20,122	1
		NON-RESIDENTIAL	AL				RESIDENTIAL	ITIAL			
	e (\$ per kWh)	\$0.035308	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	Note 1 \$0.020953
	n Revenue	\$1,845,999	\$¢	\$11,335	\$76	\$17,451,972	\$177,229	\$13,329	\$130,098	\$614,181	\$583
2012 Authorizec	2017 Residential Distribution Revenue 2017 Revenue Per Customer 2017 Residential Rev per Customer	\$44.79	\$0.00	\$58.4 <b>3</b>	\$38.19	\$28.80	\$18,398,805 \$12.52 \$28.46	805 \$71.28 6	\$22.56	\$30.52	\$34.32
2012 Authorizer											
2012 Authorizec		NON-RESIDENTIAL	AL				RESIDENTIAL	TIAL			
	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
2012 Authorized	2012 Authorized Revenue Adjusted	NON-RESIDENTIAL	AL				RESIDENTIAL	TIAL			
For 2017 Customer Count G = (F * B)	ner Count	\$1,409,768	\$657	\$10,919.99	\$112.58	\$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 \$13.67 \$24.37	968 \$55.66 7	\$20.31	\$24.63	\$27.49
		NON-RESIDENTIAL	٩٢				RESIDENTIAL	TIAL			
H = G - D Decoupling True-up Revenue	-up Revenue	5436,231 5436,231	12:05:1	-\$415(	96\$	-\$2,526,153	\$16,213	-\$2,921	\$12,922	-\$118,558	-\$116
				-\$2.14	\$18.10	-\$4.17	-\$2,644,836 \$1.15 -\$4.09	Sec. 2	-\$2.24	-\$5.89	-\$6.83

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 11

Image: Solution of the		INCIN-VESIDEININT	AIINL .		The second second		RESIDENIAL	M.	New York Contract of the local distance of t	alle is such that	1-111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
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Mutrat 2017 Actival finames 1           Mutrat 2017 Actival finames 1 <td></td> <td></td> <td>-8,787</td> <td></td> <td>4,979</td> <td>683,337,055</td> <td>6,822,256</td> <td>527,534</td> <td>5,037,450</td> <td>24,105,391</td> <td>28,410</td>			-8,787		4,979	683,337,055	6,822,256	527,534	5,037,450	24,105,391	28,410
Montescientini, 						A louted TINE to	16 0000 000				
Image: Notation of the image of th	No. Bills	NON-RESIDE	ITIAL		nĝinu	1 10 11 11 11 11 11 11 11 11 11 11 11 11	RESIDENT	IAL	101 TO 100		
41.300         5.033         1.31			150 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -			Concernant of the second	T	Constanting of the second	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Contribution faite (5 per Wh)         Contribution faite (5 pr W)         Contrit (5 pr W)         Contribution faite (5 pr W)		41,300	2	193	en	606,516	14,148	186	5,679	20,062	
NoveEstCertinu         NoveEstCertinu         Residential         Residential         Statistial         <											
Derivation hase (ser Wh) 2010 interfacements         S005342 51,84,5         S005342 51,34,5         S005432 51,34,5         S005432 51,34,5         S005432 51,34,5         S005432 51,34,5         S005432 51,34,5         S005412 51,34,5         S005412 51,34,5         S005412 51,34,		NON-RESIDER	VTIAL				RESIDENT	.IAL	Same of the		
Optimularia         Statistical (SCI Relationing 2017) Reviewer 2017) Reviewer 2017 Reviewer 2017 Reviewer 2017 Authorized Revenere 2017 Authorized Revenere 2017 Authorized Revenere 2012 Authorized Revenere 2013 Authorized Revene				a guarda				50 M 10		State of the second	Note 1
Other and the per clatener       Class transmission       C	Distribution Rate (5 per kWh)	\$0.035308 \$1 842 018	\$0.016478	\$	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020
2017 Nervere Par Curciner     24.65     53.34     54.36     51.31     51.28     50.30     50.46       2017 Antichenia Nev per Curciner     34.20     55.39     54.65     20.31     24.68     50.31     24.68       2012 Authorized Reverue Per Curciner     34.20     56.39     56.39     24.63     13.67     56.68     20.31     24.68       2012 Authorized Reverue Aljusted     NON-RESIDENTIAL     NON-RESIDENTIAL     RESIDENTIAL     RESIDENTIAL     24.68     24.63     23.13     54.68     24.63     24.68     24.68     54.68     24.68     54.68     24.68     54.68     24.68     54.6	2017 Residential Distribution Revenue	816'598'1¢	C41¢-		9714	871//15//1¢	\$1/2,890		600/715	5/8/0194	^
Automatication territoria       Automatication territoria       Automatication territoria         2012 Authorized Revenue Per Customer       34.20       164.11       56.29       24.63       13.67       55.66       20.31       24.63         2012 Authorized Revenue Per Customer       36.20       56.29       24.63       13.67       55.66       20.31       24.63         2012 Authorized Revenue Adjusted       Ferenue Adjusted       Non-RESIDENTIAL       RESIDENTIAL       RESIDENTIAL       RESIDENTIAL         2012 Authorized Revenue Adjusted       54.13,60       516.29       54.63       517.63,70       546.14.64.68         2012 Authorized Revenue Adjusted       54.13,60       516.29       54.63       515.763       54.64.14.64.68         2012 Authorized Revenue       54.13,60       516.29       514.93       516.29       516.73       516.61       20.31       54.63         2013 Revenue       Counting True-up Revenue       516.23       514.33       516.23       516.53		\$44.65	-\$28.96		\$42.06	\$28.55	\$12.22		\$22.48	\$30.45	\$37.20
2013 Authorized Revenue Per Customer         34.20         364.17         56.29         36.63         13.67         55.66         20.31         24.63           2013 Authorized Revenue Per Customer         34.20         364.17         56.29         36.63         13.67         55.66         20.31         24.63           2013 Authorized Revenue Adjusted         NON-RESIDENTIAL         NON-RESIDENTIAL         RESIDENTIAL         RESIDENTIAL         RESIDENTIAL         RESIDENTIAL         24.63         31.67         55.64         20.31         24.65           2013 Customer Count         51.417,607         56.29         51.64         51.64         51.64         54.64							77'07¢	1.1.2			
2012 Authorized Revenue Pro Customer     34.20     16.17     56.29     26.29     26.50     26.51     26.66       2012 Authorized Revenue Adjusted For Z017 Customer Count     2012 Authorized Revenue Adjusted     NON-RESIDENTIAL     NON-RESIDENTIAL     RESIDENTIAL       2012 Authorized Revenue Adjusted For Z017 Customer Count     51.412,607     516.87     51.633,005.90     519.355.12     5115,957.92     546.4156.48       7017 Customer Count     51.412,607     516.87     51.68.87     51.4333,005.90     519.355.12     5115,957.92     546.4156.48       7017 Customer Count     51.412,607     516.87     51.68.87     51.4333,005.90     51.63.79     54.643       7010 Customer Count     51.412,607     51.68.97     51.68.97     51.63.73     51.53.743     52.463       7010 Customer Count     51.412,607     51.68.97     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9       7010 Customer Count     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9       7010 Customer Count     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9       7010 Customer Count     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9     51.63.9       7		NON-RESIDEN	<b>TTIAL</b>			a state	RESIDENT	i'N.			
2013 Anthorized Revenue Adjusted For 2017 Customer Count       NON-RESIDENTIAL       RESIDENTIAL         For 2017 Customer Count       51,412,607       \$10,803.10       \$115,367.32       \$115,367.32       \$115,367.32       \$193,115,367.32       \$194,145.46         For 2017 Customer Count       51,412,607       \$82.1       \$10,803.12       \$115,367.32       \$115,367.32       \$115,367.32       \$115,367.32       \$195,115,367.32       \$115,763       \$116,77       \$115,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$116,723       \$1	2012 Authorized Revenue Per Customer	34.20	164.17	56.29	<b>56.29</b>	24.63	13.67	55.66	20.31	24.63	27.49
For 2017 Customer Count         S1,412,607         \$20         S168.87         \$14,939,045.90         \$193,50.14         \$115,567.32         \$494,145.48           S1,412,607         \$20         \$15,763,74         \$15,763,74         \$15,763,74         \$246,3         \$15,763,74         \$246,3         \$15,763,74         \$246,3         \$20,311         \$246,3         \$246,3         \$215,763,74         \$246,3         \$215,763,74         \$246,3         \$215,763,74         \$246,3         \$215,763,74         \$246,3         \$246,3         \$215,763,74         \$246,3	2012 Authorized Revenue Adjusted	NON-RESIDEN	UTIAL.				RESIDENT	M			
S56.29     S56.29     S15.78.3744       S56.29     S24.63     \$13.67     \$25.66     \$20.31     \$24.63       NON-RESIDENTIAL     RESIDENTIAL     RESIDENTIAL     RESIDENTIAL     \$3.43     \$3.437     \$51.673     \$3.463       S41.12     \$96     \$183     \$43.74,002     \$3.0,071     \$49.07     \$51.231     \$51.673       S2.919.283     \$3.92     \$3.43.3     \$5.376,002     \$5.0,071     \$51.622     \$51.65	For 2017 Customer Count G = (F * B)	\$1,412,607	\$821		\$168.87 \$	14,939,045.90		\$10,352.12	\$115,367.92	\$494,145.48	\$439.88
S.4.37     S.4.37       NON-RESIDENTIAL     RESIDENTIAL       S.431.312     \$183     \$1.373     \$1.2.91     \$115,733       S.431.312     \$1.6     \$2.376,062     \$2.0471     \$1.2.91     \$115,733       S.431.312     \$1.6     \$3.23     \$1.3.32     \$1.3.53     \$5.1.6     \$5.82       S.2319.928     S.2319.928     S.332     \$3.22     \$3.23     \$3.23     \$5.82				\$56.29	\$56.29	\$24.6 <b>3</b>	\$15,763,7 \$13.67		\$20.31	\$24.63	\$27
NON-RESIDENTIAL         RESIDENTIAL           -5431,112         546         5183         543         52,378,082         520,471         512,291         5116,733           -5431,112         566         5183         543         52,378,082         520,471         512,291         5116,733           -513,928         50.95         514,23         53.92         51.45         55.82         55.82							\$24.37	4			No o Ma
MUNHARSULATI I.AL         MENDENTIAL           -\$431,112         \$966         \$183         \$4.3,3,71,0002         \$20,471         \$43,017         \$115,733           -\$431,112         \$966         \$183         \$4.3         \$4,3,71,0002         \$20,471         \$43,017         \$115,733           -\$431,112         \$965         \$14,23         \$14,23         \$21,485         \$116,733         \$518,23           \$0,95         \$14,23         \$3,92         \$14,45         \$16,22         \$51,16         \$55,82           \$2,919,928         \$3,99,928         \$3,93,92         \$3,16,22         \$5,16         \$55,82							or other				
-\$431,312 \$966 \$183 \$4.3 \$2.0,471 \$510.77 \$12,291 \$116,733 -\$2,489,562 \$0.95 \$14.23 \$3.92 \$1.45 \$16.22 \$5.82 -\$3.85 \$3.92		MUNHKENIDEN	A I IVE		And the second se	A State and a state	RESIDEN	z.			Very Contraction
-\$2,489,582 \$0.95 \$14.23 -\$3.92 \$1.45 -\$16.22 -\$5.82 -\$3.85 -\$16.22 -\$5.82	Decoupling True-up Revenue	215,1582-		\$183	\$43	-\$2,378,082	\$20,471	710/E\$*	-\$12,291	-\$116,733	\$155
				\$0.95	\$14.23	<b>\$3.92</b>	-\$2,489,51 \$1.45 -\$3.85	1.1 Con 1	-\$2.16	-\$5.82	17.92-
	Decoupling True-up Revenue	\$2,919,928									

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

PAGE 12

Image: Control of the contro	kwh		IQN	NON-RESIDENTIAL	IAL			2 16-14-2 12 12 12 12 12 12 12 12 12 12 12 12 12	RESID	RESIDENTIAL				
Alignment         State         Alignment         Align         Align         Align	No. of Concession, No. of Conces		MQ	표		12.2	ORHP	ß	CUR	RS3P	RSL	×	RSPP TD	
No.         Montacine         Montacine         Actual finances 21         Actual finances 21           No.         0.					578	373,484	1				489,244 4,	4,371,906	355,944	23,207
No. Bill         NON-RESIDENTIAL         NON-RESIDENTIAL         RESIDENTIAL           EH         ORH         FIS         ORH         FIS         ORH         FIS         CUR         RESIDENTIAL           Distribution free (5 per KMh)         50.015-308         \$0.015-018         \$0.025-342         <							Sept	ember 2017 Actu	tal (from page 2	12				
Image: Non-service         Image:	No. Bills		ION	N-RESIDENT	AL	BULL SECOND			RESID	DENTIAL		All second		
41.381         2         195         3         668,471         14.138           Distribution fare (5 per (Mh)         NOMRESIDENTIAL         NOMRESIDENTIAL         RESIDENTIAL         RESIDENTIAL           2017 Residential Revenue         5.1,08,57         50.035342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.033342         50.03342         50.03342         50.50         50.50         50.50         50.50         50.50         50.50         50.50         50.50         50.50         50.50<	Contraction of the second seco		Md	Ŧ			DRHP	RS	CUR	RS3P	RSLI	ž	RSPP TD	
Distribution Revenue         NON-RESIDENTIAL         NON-RESIDENTIAL         RESIDENTIAL           2017 Distribution Revenue         \$1,706,657         \$0,015,472         \$0,0253,42         \$0,0253,47         \$0,0254,47         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014         \$0,014				41,281	2	195	ε			88	176	5,626	19,838	1
Distribution Rate (5 per kMn)         S0035308         S0015478         S0035342														
Distribution fare (5 per (km))         S0.0353/06         \$0.0154/78         \$0.0253/42         \$0.025/47         \$0.025         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.0253/42         \$0.016			ION	N-RESIDENT	AL				RESID	DENTIAL	100	10 10 10 10	19 JUL 10	2000
2017 Distribution Revenue     51,708,57     510     53,465     512,0     515,387,146     5178,747       2017 Residential Rev per Customer     541,39     541,39     541,39     542,45     515,303,158     515,60,338       2017 Residential Rev per Customer     541,39     54,17     543,39     515,39     515,64,338       2017 Residential Rev per Customer     541,30     54,13     56,29     54,53     515,64       2012 Authorized Revenue Per Customer     34,20     164,17     56,29     54,63     13,67       2012 Authorized Revenue Adjusted     NON-RESIDENTIAL     NON-RESIDENTIAL     RESIDENTIAL       2012 Authorized Revenue Adjusted     NON-RESIDENTIAL     56,29     54,63     13,67       2012 Authorized Revenue Adjusted     NON-RESIDENTIAL     56,29     54,63     513,67       167 2017 Customer Count     51,411,557     53,23     513,67     513,67       167 2017 Customer Count     51,411,557     53,23     513,67     513,67       167 2017 Customer Count     51,411,557     53,23     513,67     513,67       167 2017 Customer Count     51,411,557     53,23     516,29     514,697     513,67       167 2017 Customer Count     51,411,557     53,23     516,29     514,697     513,67       160 2017 Customer	Distribution Rate (\$ pe	r kwh)	\$0.0	35308	\$0.016478	\$0.025342	\$0.025342	\$0.025342		2 \$0.025342	de.	\$0.025342	\$0.025342	Note 1 \$0.020953
Dit Revenue Per Customer         94.13         54.76         548.54         540.04         552.39         51.54           2012 Authorized Revenue Per Customer         34.10         164.17         56.29         56.29         54.53         51.54           2012 Authorized Revenue Per Customer         34.10         164.17         56.29         56.29         54.56         53.56           2012 Authorized Revenue Per Customer         34.10         164.17         56.29         56.29         51.56         51.56           2012 Authorized Revenue Adjusted         NON-RESIDENTIAL         NON-RESIDENTIAL         RESIDENTIAL         RESIDENTIAL         2015         51.36         51.56	2017 Distribution Reve	inue Mution Pevenue	\$1,71	08,657	\$10	\$9,465	\$120		\$1	925 0	\$12,398 \$	\$110,793	\$541,202	\$486
NON-RESIDENTIAL     NON-RESIDENTIAL     RESIDENTIAL       2012 Authorized Revene Par Custome     34.20     164.11     56.29     56.29     13.67       2012 Authorized Revene Adjusted     34.20     164.11     56.29     51.63     13.67       2012 Authorized Revene Adjusted     NON-RESIDENTIAL     NON-RESIDENTIAL     RESIDENTIAL       2012 Authorized Revene Adjusted     NON-RESIDENTIAL     51.937     51.937     51.937       2012 Authorized Revene Adjusted     NON-RESIDENTIAL     S56.29     51.637     51.536/7     51.536/7       2012 Authorized Revene Adjusted     S56.29     51.637     51.637     51.536/7     51.536/7       2012 Authorized Revenue     S56.29     556.29     51.637     51.567     51.567       2012 Authorized Revenue     NON-RESIDENTIAL     S56.29     51.612     51.567     51.567       2013 Auto-up Revenue     S56.29     51.511     51.511     51.511     51.511     51.51       Decoupling True-up Revenue     S56.59     S16.51     S16.51     51.511     51.551     51.551	2017 Revenue Per Cusi 2017 Residential Rev p	bound never use tormer er Customer		\$41.39	\$4.76	\$48.54	\$40.04			04	\$70.45	\$19.69	\$27.28	\$28.60
NON-RESIDENTIAL         RESIDENTIAL           2012 Authorized Revenue Per Customer         34.20         164.11         56.29         24.63         13.67           2012 Authorized Revenue Per Customer         34.20         164.11         56.29         56.29         24.63         13.67           2012 Authorized Revenue Per Customer         S1.411.957         53.03         56.29         54.63         51.58.04,750           1         S1.41.957         53.28         51.0976.28         5168.97         5193.223.57         59           1         S1.41.957         53.28         51.99.34         513.223.57         59           1         S1.41.957         53.28         56.29         54.63         51.58.04,750           1         Moner Count         S1.41.957         556.29         556.29         51.63         51.63           1         Moner Site         Moner Site         S15.61         51.64         51.64         51.64           1         Moner Site         Moner Site         S1.61         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.64         51.65         51.65         51.65 </td <td></td>														
2012 Authorized Revenue Per Customer     34,20     164,17     56,29     56,29     24,63     13,67       2012 Authorized Revenue Adjusted For 2017 Customer Count     2012 Authorized Revenue Adjusted For 2017 Customer Count     NON-RESIDENTIAL     RESIDENTIAL     RESIDENTIAL       2012 Authorized Revenue Adjusted For 2017 Customer Count     51,411,957     5328     \$109,750.88     \$109,7199,34     \$131,577     \$56,29     \$14,987,199,34     \$131,577     \$56,043     \$15,804,750       10     Non-RESIDENTIAL     Non-RESIDENTIAL     S56,29     \$24,63     \$13,677     \$34,377       11     Non-RESIDENTIAL     S56,29     \$56,29     \$24,63     \$13,677     \$34,377       12     Non-RESIDENTIAL     Non-RESIDENTIAL     S56,29     \$24,63     \$14,477       13     S56,29     \$56,29     \$56,29     \$24,63     \$14,477       13     S56,700     \$15,17     \$308     \$15,477       14     Non-RESIDENTIAL     S56,50     \$10,55     \$10,55       15     \$10,775     \$10,575     \$10,575     \$10,555       15     \$10,577     \$10,575     \$10,555     \$10,555       15     \$10,575     \$10,575     \$10,555     \$10,555     \$10,555			Ĩ	NHESIDENT	AL		1000	- 1000 -	RESID	<b>ENTIAL</b>				
2012 Authorized Revenue Adjusted     NON-RESIDENTIAL     RESIDENTIAL       For 2017 Customer Count     \$1,411,957     \$32.8     \$10,976.2.8     \$168.87     \$193,223.57     \$9       1     \$1,411,957     \$32.8     \$10,976.2.8     \$168.87     \$193,223.57     \$9       5     \$1,411,957     \$32.8     \$10,976.2.8     \$168.87     \$193,223.57     \$9       2     \$1,411,957     \$32.8     \$10,976.2.8     \$168.87     \$193,223.57     \$9       2     \$1,411,957     \$32.8     \$10,976.2.8     \$168.87     \$13,67     \$13,67       2     \$1,411,957     \$32.6.29     \$56.2.9     \$24.63     \$13,67     \$34.75       Decoupling True-up Revenue     NON-RESIDENTIAL     NON-RESIDENTIAL     RESIDENTIAL     \$435,608       3     \$15,71*     \$16,12*     \$0.66     \$10,2*       \$60,750     \$15,51*     \$16,615     \$0.66     \$10,67*	2012 Authorized Rever	nue Per Customer		34.20	164.17	56.29	56.29	24.63			55.66	20.31	24.63	27.49
For 2017 Customer Count         \$1,411,957         \$328         \$10,976.28         \$168.87         \$14,987,199.34         \$193,223.57         \$93           \$15,004,750         \$56,29         \$56,29         \$56,29         \$24,63         \$13,67         \$24,53         \$33,67         \$24,53         \$33,67         \$24,53         \$33,67         \$24,53         \$34,57         \$34,57         \$34,57         \$24,53         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$34,57         \$345,50         \$345	2012 Authorized Reven	nue Adjusted	ION	<b>H-RESIDENTI</b>	AL				RESID	ENTIAL	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		14	
S56.29         \$56.29         \$13.67         \$10.67<	For 2017 Customer Col	Int	\$1,4:	11,957	\$328	\$10,976.28	\$168.87	\$14,987,199.34	\$193,	7 \$9,795.56	F.Y. 1.1.	\$114,291.24	<b>\$488,</b> 628.15	\$467.38
NON-RESIDENTIAL         RESIDENTIAL           Decoupling True-up Revenue         526,700         531,511         5495         514,777           S15,17         515,11         5495         515,503         5435,608         5435,608           S15,17         516,12         516,25         50.66         51.02         50.67						\$56.29	\$56.29			9,/50 37	\$55.66	\$20.31	\$24.63	\$27.49
NON-RESIDENTIAL         RESIDENTIAL           Decoupling True-up Revenue         \$15,17         \$15,17         \$14,77           \$7.75         \$16,25         \$1.02         \$0.67         \$50.67														
Decoupling True-up Revenue 51511 549 5399,947 514,777 5435,608 5535,608 5435,608 5505,506 5435,608 5505,506 5505,506 5505,506 5505,506 5505,506 5505,506 5505,506 5505,506 5505,506 5505,506 5505,506 5505,5065,506			ĨŌŇ	N-RESIDENTI	AL				RESID	ENTIAL	100.000			1.516.
\$16.25 -\$0.66 \$1.02 \$0.67 -\$0.67	Decoupling True-up Re	venue	「「「「「」」」	6/00/9		115,151	685 P. 194	790,0952.047	ALL STAVAY	7.5	- 2365	3 365/651		15: 1
						\$7.75	\$16.25			208	\$14.79	\$0.62	-\$2.65	\$1.12
	-						8							

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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	s	Q N	<b>NON-RESIDENTIAL</b>	IAL	Supervision in the supervision of the supervision o			RESIDENTIAL	NTIAL	STATISTICS IN		
		110						A				-
	AND A REAL	IUM	Ħ	201 - 202	ORH	ORHP F	ß	CUR	RS3P	RSU	RSPP TD	
		41,5	41,562,572	5,914,448	293,942	3,877	454,529,471	5,791,671	412,896	3,250,370	16,148,938	16,979
						Octo	October 2017 Actual (from page 2)	(from page 2)				
	No. Bills	ON	<b>NON-RESIDENTIAL</b>	IAL		and the second s	100 million 100 million	RESIDENTIAL	NTIAL	10 10 10 10 10 10 10 10 10 10 10 10 10 1		
		DM	H		ORH (	ORHP F	RS	CUR F	RS3P	RSU	RSPP TD	No. Con
			41,120	736	193	9	610,491	14,195	187	5,567	19,710	
		QN	NON-RESIDENTIAL	'IAL				RESIDENTIAL	NTIAL			
	Distribution Rate (\$ per kWh)	\$0.C	\$0.026585	\$0.016478	\$0.019437	\$0.019437	\$0.025342		\$0.025342	\$	\$0.025342	Mote J \$0.017569
	2017 Distribution Revenue 2017 Residential Distribution Revenue	\$1,1	\$1,104,941	\$97,458	\$5,713	\$75	\$11,518,686	\$146,773 \$12.173.626	\$10,464 3.626	\$82,371	\$409,246	\$298
E=D/B 20 E1=D/B 20	2017 Revenue Per Customer 2017 Residential Rev per Customer		\$26.87	\$132.42	\$29.60	\$25.12	\$18.87		\$55.96	\$14.80	\$20.76	\$17.55
		Q2	NON PECIDENTIAL	14				DESIDENTIAL	TIAL			
2	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
20	2012 Authorized Revenue Adjusted	ION	NON-RESIDENTIAL	IAL				RESIDENTIAL	лтіаl			
G=(F*B)	For 2017 Customer Count	\$1,4	\$1,406,450	\$120,829	\$10,863.70 \$56.29	\$168.87 \$56.29	\$168.87 \$15,036,953.79 \$56.29 \$24.63	\$194,002.59 \$15,851,432 \$13.67	\$10,407.78 1,432 \$55.66	\$113,092.66 \$20.31	<b>\$485,</b> 475.39 \$24.63	\$467.38 \$27.49
		ΟN N	NON-RESIDENTIAL	lAL.					TIAL			
H=G-D De	Decoupling True-up Revenue	ES	5301509	0115 57.5	\$5,150	\$94	\$3,518,268	2	-\$56	§\$30,722%	\$76,229	\$169
					\$26.69	\$31.17	\$5.76	\$3,677,806 \$3.33 \$5.66	,806 -\$0.30 6	\$5. <b>52</b>	\$3.87	\$9.95
ā	Decoupling True-up Revenue	-\$4,002,686	12,686									

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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446,681         7,050         448,482,212         6.6           November 2017 Actual (from         November 2017 Actual (from           0RH         RS         CUR           0RH         RS         G11,231           08.682         \$137         \$11,365,436         \$1           \$6,29         \$137         \$11,365,436         \$1           \$6,29         \$137         \$11,365,436         \$1           \$6,29         \$137         \$11,365,436         \$1           \$6,29         \$137         \$11,365,436         \$1           \$6,29         \$137         \$11,365,436         \$1           \$6,29         \$15,055,180,67         \$193,         \$10,751,12         \$168,87         \$15,055,180,67         \$193,           \$50,751,12         \$168,87         \$15,055,180,67         \$193,         \$10,751,12         \$10,83         \$10,61         \$6,04           \$10,751,12         \$168,87         \$15,055,180,67         \$193,         \$193,         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80         \$10,80 </th <th></th> <th></th> <th>DM NON-RE</th> <th>EH</th> <th>HAO</th> <th>ORHP RS</th> <th></th> <th>CUR RESIDENTIAL CUR RS3P</th> <th></th> <th></th> <th>RSU</th> <th>RSU RS</th>			DM NON-RE	EH	HAO	ORHP RS		CUR RESIDENTIAL CUR RS3P			RSU	RSU RS
No. Bils     NON-RESIDENTIAL       0.0. Bils     0.0. EH       0.1.13     0.0. EH       0.1.13     0.0. EH       0.1.14     0.0.15478       0.1.14     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.011647       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.0016478       0.11     0.001648       0.11     0.001648 <td< th=""><th>1</th><th></th><th>40,162,5</th><th></th><th>446,681</th><th>7,050</th><th>448,482,212</th><th>6,678,530</th><th>392,183</th><th></th><th>3,529,470</th><th></th></td<>	1		40,162,5		446,681	7,050	448,482,212	6,678,530	392,183		3,529,470	
No. Bills     NON-RESIDENTIAL       A1,194     731       Distribution fate (\$ per kWh)     S0.056385     \$0.056478       2017 Distribution fate (\$ per kWh)     \$0.056385     \$0.056478       2017 Distribution fate (\$ per kWh)     \$0.056385     \$0.056478       2017 Reviewer Per Customer     \$1,067722     \$108,438       2017 Reviewer Per Customer     \$25.92     \$148.34       2017 Authorized Revenue Per Customer     \$4.20     164.11       2012 Authorized Revenue Per Customer     34.20     164.11       2012 Authorized Revenue Per Customer     34.20     164.11       Count Count     \$1.408,981     \$120,008       2012 Authorized Revenue Adjusted     NON-RESIDENTIAL     \$1.408,981       Count Count     \$1.408,981     \$120,008       Decoupling True-up Revenue     \$1.408,981     \$120,008       Decoupling True-up Revenue     \$1.408,981     \$1.117						Novemb	ver 2017 Actual	(from page 2)				
Image: Distribution Rate (\$ per kWh)     Image: Distribution Rate (\$ per kWh)       Distribution Rate (\$ per kWh)     S0.026585     \$0.016478       2017 Distribution Ratenue     2017 Residential Distribution Revenue     \$1.067722     \$108,436       2017 Residential Distribution Revenue     \$1.067722     \$108,436       2017 Residential Rev per Customer     \$1.067722     \$108,436       2017 Revenue Per Customer     \$1.067722     \$108,436       2017 Authorized Revenue Per Customer     \$1.00N-RESIDENTIAL       2012 Authorized Revenue Per Customer     \$1.408,981     \$120,008       2012 Authorized Revenue Per Customer     \$1.408,981     \$120,008       2012 Authorized Revenue Per Customer     \$1.408,981     \$120,008       2013 Outhorized Revenue Per Customer     \$1.408,981     \$120,008       2014 Distribution Count     \$1.408,981     \$120,008       2015 Customer Count     \$1.408,981     \$120,008       2017 Customer Count     \$1.408,981     \$120,008       2013 Customer Count     \$1.408,981     \$120,008       2014 Distributing True-up Revenue     \$1.408,981     \$120,008       2016 Coupling True-up Revenue     \$1.408,981     \$120,008	N	o. Bills	NON-RI	SIDENTIAL				RESIDENTIAL	TIAL		112	
41,194     731       0istribution Rate (\$ per kWh)     NON-RESIDENTIAL       Distribution Revenue     \$0.026585       2017 Distribution Revenue     \$1,067,722       2017 Residential Distribution Revenue     \$1,067,722       2017 Residential Rev per Customer     \$1,067,722       2017 Residential Rev per Customer     \$1,067,722       2017 Authorized Revenue Per Customer     \$1,067,722       2012 Authorized Revenue Per Customer     \$1,066,722       2012 Authorized Revenue Per Customer     \$1,067,722       2012 Authorized Revenue Per Customer     \$1,068,13       2012 Authorized Revenue Per Customer     \$1,408,981       2013 Authorized Revenue Per Customer     \$1,408,981       2012 Authorized Revenue     \$1,408,981       2013 Authorized Revenue     \$1,408,981       2013 Customer Count     \$1,408,981       Decoupling True-up Revenue     \$1,20,008       Decoupling True-up Revenue     \$1,20,008			MQ	H	10000		Statistics.		RS3P F	RSL	C112-1-1	RSPP TD
Distribution Rate (\$ per kWh)       NON-RESIDENTIAL         2017 Distribution Revenue       \$0.026585       \$0.016478         2017 Revenue Per Customer       \$1.067722       \$108,436         2017 Revenue Per Customer       \$1.0677722       \$108,436         2017 Authorized Revenue Per Customer       \$12.0677722       \$148.34         2017 Authorized Revenue Per Customer       \$1.0677722       \$148.34         2012 Authorized Revenue Per Customer       \$1.0677722       \$148.34         2012 Authorized Revenue Per Customer       \$1.000-RESIDENTIAL       \$1.403,981       \$1.000         2012 Authorized Revenue Per Customer       \$1.403,981       \$120,008       \$1.408,981       \$120,008         2012 Outhorized Revenue Adjusted       \$1.408,981       \$120,008       \$1.408,981       \$120,008         2013 Customer Count       \$1.408,981       \$120,008       \$1.408,981       \$120,008         2017 Customer Count       \$1.408,981       \$120,008       \$1.408,981       \$120,008         Decoupling True-up Revenue       \$1.408,981       \$120,008       \$1.408,981       \$120,008         Decoupling True-up Revenue       \$1.408,981       \$120,008       \$1.408,981       \$120,008         1000000000000000000000000000000000000						m		14,172	185	8	5,512	5,512 19,496
Distribution Rate (\$ per kWh)       S0.026585       \$0.016478         2017 Distribution Revenue       \$1,067/722       \$108,436         2017 Residential Rev per Customer       \$1,067/722       \$108,436         2012 Authorized Revenue Per Customer       \$1,000-RESIDENTIAL       \$1,000-RESIDENTIAL         2012 Authorized Revenue Adjusted       NON-RESIDENTIAL       \$1,000-RESIDENTIAL         2017 Customer Count       \$1,408,981       \$1,20,008         For 2017 Customer Count       \$1,408,981       \$1,20,008         Decoupling True-up Revenue       Decoupling True-up Revenue       \$1,408,981       \$1,20,008												
Distribution Rate (5 per kWh) 2017 Distribution Revenue 2017 Residential Distribution Revenue 2017 Residential Rev per Customer 2017 Residential Rev per Customer 2017 Authorized Revenue Per Customer 2012 Authorized Revenue Per Customer 2012 Authorized Revenue Adjusted For 2017 Customer Count 51,408,981 \$120,008 51,408,981 \$120,008 Decoupling True-up Revenue			NON-RI	SIDENTIAL				RESIDENTIAL	TIAL	10.21		
2017 Distribution Revenue     \$1,067,722     \$108,436       2017 Residential Distribution Revenue     \$25.92     \$148.34       2017 Residential Rev per Customer     \$25.92     \$148.34       2017 Authorized Revenue Per Customer     34.20     164.17       2012 Authorized Revenue Per Customer     34.20     164.17       2012 Authorized Revenue Adjusted     \$1,408,981     \$120,008       2012 Outhorized Revenue Adjusted     \$1,408,981     \$120,008       2012 Outhorized Revenue     \$1,408,981     \$120,008       2012 Outhorized Revenue     \$1,408,981     \$120,008       Decoupling True-up Revenue     \$1,408,981     \$120,008	Pis Contraction of the second s	stribution Rate (\$ per kWh)	\$0.0265I		Ť,	\$0.019437	\$0.025342	\$0.025342	\$0.025342	\$	\$0.025342	.025342 \$0.025342
2017 Revenue Per Customer     \$35.92     \$148.34       2017 Residential Rev per Customer     NON-RESIDENTTAL       2012 Authorized Revenue Per Customer     34.20     164.17       2012 Authorized Revenue Adjusted     NON-RESIDENTTAL     164.17       2012 Authorized Revenue Adjusted     51.408.981     \$120,008       For 2017 Customer Count     \$1.408,981     \$120,008       Decoupling True-up Revenue     NON-RESIDENTTAL     NON-RESIDENTTAL		017 Distribution Revenue 017 Residential Distribution Revenue	\$1,067,7			\$137	\$11,365,436	\$169,247 \$17 083 367	\$9,939		\$89,444	\$89,444 \$440,231
2012 Authorized Revenue Per Customer       34.20       164.17         2012 Authorized Revenue Adjusted       34.20       164.17         2012 Authorized Revenue Adjusted       NON-RESIDENTIAL       51.408,981       \$120,008         For 2017 Customer Count       \$1.408,981       \$120,008       \$1.20,008         Decoupling True-up Revenue       NON-RESIDENTIAL       NON-RESIDENTIAL       NON-RESIDENTIAL		017 Revenue Per Customer 117 Residential Rev per Customer	\$25.			\$45.68	\$18.59	\$11.94 \$18.57	\$53.72		\$16.23	\$16.23 \$22.58
2012 Authorized Revenue Per Customer       34.20       164.17         2012 Authorized Revenue Per Customer       34.20       164.17         2012 Authorized Revenue Adjusted       NON-RESIDENTIAL       51.20,008         For 2017 Customer Count       51.408,981       \$120,008         For 2017 Customer Count       51.408,981       \$120,008         Decoupling True-up Revenue       NON-RESIDENTIAL       000-RESIDENTIAL							1.815					
2012 Authorized Revenue Per Customer     34.20     164.17       2012 Authorized Revenue Adjusted     NON-RESIDENTIAL       For 2017 Customer Count     \$1,408,981     \$120,008       For 2017 Customer Count     \$1,408,981     \$120,008       Pocoupling True-up Revenue     NON-RESIDENTIAL     NON-RESIDENTIAL			NON	SIDENTIAL				RESIDENTIAL	rial.			
2012 Authorized Revenue Adjusted For 2017 Customer Count 51,408,981 \$120,008 Decoupling True-up Revenue Decoupling True-up Revenue	20	112 Authorized Revenue Per Customer	34.2			56.29	24.63	13.67	55.66	20.31		11 24.63
For 2017 Customer Count 51,408,981 \$120,008 NON-RESIDENTIAL Decoupling True-up Revenue	2	112 Authorized Revenue Adjusted	NON-RE	SIDENTIAL			A CHARGE	RESIDENTIAL	LIAL		3.8	
Decoupling True-up Revenue		r 2017 Customer Count	\$1,408,91		199	\$168.87 \$1	5,055,180.67	\$193,688.25	\$10,296.46	\$111,975.34	34	34 \$480,204.38
Decoupling True-up Revenue					\$56.29	\$56.29	\$24.63	\$15,862,732 \$13.67 \$24.37	732 \$55.66	\$2	\$20.31	0.31 \$24.63
Decoupling True-up Revenue							5 1 m		Sub.D		196	
Decoupling True-up Revenue			NON-RI	SIDENTIAL				RESIDENTIAL	LIAL.			
\$10.61 \$6.04		coupling True-up Revenue		15113		125 130 M	\$3,689,744	524,441	39565 W.W.W	513'	265	215 515 1215
					\$10.83	\$10.61	\$6.04	\$3,779,336 \$1.72 \$5.81	36 \$1.93	ŵ	\$4.09	4.09 \$2.05

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DUKE ENERGY OHIO CALCULATION OF RIDER DDR (DECOUPLING)

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	(\$ per kWh)	DM EH 45,967,188		ORH O	ORHP RS						
	(\$ per kWh)	45,967,188				SAN DUC O	CUR	ROOF	RSU	RULL	₽
	(\$ per kWh)		8,962,646	731,211	11,405	594,629,750	8,349,373	490,399	4,698,983	23,242,981	981
	(\$ per kWh)										a:
	(\$ per kWh)				Decemb	December 2017 Actual (from page 2)	(from page 2)				
	(\$ per kWh)	NON-RESIDENTIAL	ENTIAL			a manager a	RESIDENTIAL	VTIAL			
	(\$ per kWh)	DM EH		ORH O	ORHP RS		CUR F	RS3P	RSLI	RSPP	P
	(\$ per kWh)	41,261	731	192	ŝ	613,011	14,219	189	5,458	19,332	5
	t (\$ per kWh)				1.1						
	t (\$ per kWh)	NON-RESIDENTIAL	INTIAL				RESIDENTIAL	UTIAL.			
		\$0.026585	\$0.016478	\$0.019437	\$0.019437	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	~
0/8 -0/8	1 Revenue	\$1,222,038	\$147,686	\$14,213	\$222	\$15,069,107	\$211,590 \$16.016.000	\$12,428	\$119,082	\$589,024	-
2012 Authorized	2017 Revenue Per Customer 2017 Revenue Per Customer 2017 Residential Rev per Customer	\$29.62	\$202.03	\$74.02	\$73.89	\$24.58	\$14.88 \$14.88 \$24.55	,uae \$65.75 55	\$21.82	\$30.47	
2012 Authorized											
2012 Authorized		NON-RESIDENTIAL	INTIAL				RESIDENTIAL	UIAL.			
	2012 Authorized Revenue Per Customer	34.20	164.17	56.29	56.29	24.63	13.67	55.66	20.31	24.63	1.12
2012 Authorized	2012 Authorized Revenue Adjusted	NON-RESIDENTIAL	INTIAL				RESIDENTIAL	ITIAL			
G = (F * B) For 2017 Customer Count	er Count	\$1,411,273	\$120,008	\$10,807.41	\$168.87 \$1	\$168.87 \$15,099,023.71	\$194,330.60	\$10,519.09	\$110,878.34	\$476,164.91	
				\$56.29	\$56.29	\$24.63	\$13,902,360 \$13.67 \$24.37	,360 \$55.66	\$20.31	\$24.63	
		NON-RESIDENTIAL	INTIAL				RESIDENTIAL	ШАL			
H = G - D Decoupling True-up Revenue	up Revenue	19/165-3-19:150-3:1615	A SULL	204(E\$.5	652'111\$E02'9\$}606'1\$10'652'11\$\116'62\$}4E\$\$S0*652	116'625	\$17,259	- 606'15'- a	102 (88) TO3	\$112,859	1
				-\$17.74	-\$17.60	\$0.05	-\$113,738 -\$1.21 -\$0.17	7 -\$10.10	-\$1.50	-\$5.84	

660,660 690,465 690,465 690,465 690,530 690,530 690,530 690,530 690,530 690,530 690,530 690,530 690,413 690,413 690,413 Grand Total ........... 1000 000000000 F 000000000000 1 0000000000 00000000000 1 Ě ........... 000000000000 00000000000 <u>8888577787777</u> 21,861 22,867 22,006 22,006 20,122 20 6.251 6.251 6.145 7.252 7.552 7.557 7.557 7.557 7.557 7.557 7.557 7.557 7.557 7.557 7.557 7.557 7.557 7.5577 7.5577 7.5577 7.5577 7.5577 7.5577 7.5577 7.5577 7.5577 7.5577 7. Ę <u> 787888686688</u> 14.122 14.022 14.022 14.022 14.022 14.135 14 \*\*\*\*\* \*\*\*\*\* CALLETEREY (SID) CALLETEREY (SID) ACTUAL DEFORMENT COMPTS ACTUAL DEFORMENT COMPTS ACTUAL DEFORMENT COMPTS ACTUAL THEN OF ACTUAL ACTUAL THE ACTUAL ACTUAL ACTUAL THE ACTUAL ACTUAL THE ACTUAL ACTUAL ACTUAL THE ACTUAL A

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Source:

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PAGE 17

TD09 1D08 . . . . . . TD07 · · · · · · · · · · · TD06 . . . . . . 1005 5 . 1 . 1 . . . TDOA . . . . . . 1003 . . . . . . 100 TD01 34,618 30,516 23,252 18,911 16,148 16,148 16,148 21,060 27,845 27,845 R8PP 10 32,493,261 28,459,369 28,55,369 28,545,30 20,346,217 16,093,873 16,093,873 16,093,873 20,355,540 24,335,710 6,907,300 5,859,404 5,179,892 4,004,461 3,217,395 4,039,856 R801 R39 10,174,419 6 9,420,551 5 9,420,551 5 9,46,651 5 7,730,147 3 6,946,615 3 7,730,148 3 6,593,501 5 6,993,501 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,500 5 7,993,5000 5 7,993,50005,50005,50005,50005,50005,50005,50 DUKE ENEROY OHIO Calculation of Rider DDR (decoupling) Rates Actual Usage Weather Normalized - January - December RS 749,424,012 749,430,980 574,485,066 574,485,056 468,6078,739 546,078,277 688,658,026 118,610 10,445 9,088 9,088 4,248 4,248 4,248 ORH Weather Normal O Jan-17 Feb-17 Mar-17 Apr-17 Jun-17 Juh-17

. . . . . . .

24,105,391° 28,410 24,105,391° 28,410	21,355,944			1411222	268,847,859 281,596												
93,501 525,954 5,133,694 22,256 527,534 5,037, <b>45</b> 0	489,244	412,896	392,183 3,529,A70	490,399 4,698,983	50,492 5,658,390 55,230,181	Nomal EH	11,27	9,22,	100'8	6,45	5,67	日本の	1	5,91	6,581	Dec-17 8,962,646	62,129,046
	607,179,621 7,053,390 489,244	454,529,471 5,791,671 412,896	448,482,212 6,678,530 392,183 3,529,470	594,629,750 8,349,373 490,399 4,628,983	390	Weather Normal EH	11,27	9,22,	100'8	6,45	5,67	日本の	1	5,91	6,581	8,96	62,1123,046

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Actual	DM	EH O	ORH O	RHP					£			1d	GE 18
Jan-Apr 2013	\$0.024159	\$0.014329	\$0.015774	\$0.015774	\$0.022126	\$0.022126	\$0.022126	\$0.022126	\$0.022126	\$0.012843	\$0.022126	\$0.022126	\$0.022126
May-13	\$0.028440	\$0.016478	\$0.024191	\$0.024191	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020671	\$0.025342	\$0.025342	\$0.025342
Jun-Sept 2013	\$0.034784	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.029541	\$0.025342	\$0.025342	\$0.025342
Oct-Dec 2013	\$0.026117	\$0.016478	\$0.018822	\$0.018822	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020315	\$0.025342	\$0.025342	\$0.025342
Jan-May 2014	\$0.025712	\$0.016478	\$0.017359	\$0.017359	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016714	\$0.025342	\$0.025342	\$0.025342
Jun-Sept 2014	\$0.034738	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.021369	\$0.025342	\$0.025342	\$0.025342
Oct-Dec 2014	\$0.026088	\$0.016478	\$0.019055	\$0.019055	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016558	\$0.025342	\$0.025342	\$0.025342
Jan-May 2015	\$0.025715	\$0.016478	\$0.017620	\$0.017620	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.019217	\$0.025342	\$0.025342	\$0.025342
Jun-Sept 2015	\$0.035147	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.021361	\$0.025342	\$0.025342	\$0.025342
Oct-Dec 2015	\$0.026277	\$0.016478	\$0.020723	\$0.020723	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.016407	\$0.025342	\$0.025342	\$0.025342
Jan-May 2016	\$0.026298	\$0.016478	\$0.018819	\$0.018819	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.019140	\$0.025342	\$0.025342	\$0.025342
Jun-Sept 2016	\$0.034316	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.023051	\$0.025342	\$0.025342	\$0.025342
Oct-Dec 2016	\$0.026175	\$0.016478	\$0.020364	\$0,020364	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.018237	\$0.025342	\$0.025342	\$0.025342
Jan-May 2017	\$0.026343	\$0.016478	\$0.019237	\$0.019237	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017459	\$0.025342	\$0.025342	\$0.025342
Jun-Sept 2017	\$0.035308	\$0.016478	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.020953	\$0.025342	\$0.025342	\$0.025342
Oct-Dec 2017	\$0.026585	\$0.016478	\$0.019437	\$0.019437	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.025342	\$0.017569	\$0.025342	\$0.025342	\$0.025342

Per Jim Riddle, these rates have a seasonal component whereas the summer months are higher than the winter months.

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# Duke Energy OHO CABE NO. 12.1852-E.AR ANNUALZED TEST YEAR REVENUES AT PROPOSED VS. MOST CURRENT RATES FOR THE TWELVE MONTHS ENCED DECEMBER 31, 2012 (ELECTION SERVICE)

FFLING: X	CTUAL & 9 MONTH'S ESTMATED ORIGINAL UPDATED REVISED ERENCE NO(3).:		POSED ANNUALIZE	50				SCHEDULE E-4 PAGE 1 OF 2 WITHESS: J.A. RIDDLE				
RATE CODE (A)	CLASS / DESCRIPTION (8)	CUSTOMER BILLS (1) (C)	SALES (D)	PROPOSED RATES (E)	PROPOSED REVENUE LESS FUEL COST REVENUE (7)	% OF REV TO TOTAL LESS FUEL COST REVENUE (0)	FUEL COST REVENUE (H)	PROPOSED TOTAL REVENUE (F+H) 0	PROPOSED TOTAL REVENUE EXCL CUST CHG			
			(CMH)	(ARCWIN)	(d)	(%)	(5)	(8)				
	RESIDENTIAL SERVICE									Servinuelcustomer		check
RS	RESIDENTIAL SERV OPTIONAL HEATING SERVICE	7,259,014 2,381	7,055,365,828 6,316,563	3.151505 2.347941	222,350,263	97.49	0	222,350,263	178,796,179			43,554,084
	SE OPTIONAL THE OF DAY SERVICE	2,381	595,793	3.334883	145,309	0.07		148,309 19,889	134,023		14,285	14,286
	US OPTIONAL TIME OF DAY SERVICE	842	\$30,841	3.335072	21.039	0.01		21,039	15,06		4,770 5.052	4,770 8,052
	X OPTIONAL TIME OF DAY SERVICE	679	434.578	3.333579	14,487	0.01	ő	14,487	11.013		3,474	3,474
TD	OFTIONAL TIME OF DAY SERVICE	272	420,254	2.782538	11,694	0.01	ō	11,694	7,478		4,216	4,216
CUR	COMMON USE RESIDENTIAL SERVICE	164,581	68,758,658	3.646753	3,236,809	1.42	ő	3,236,809	2,249,323		957,486	987,488
RS3P	RESIDENTIAL THREE-PHASE SERVICE	1,980	4,348,487	2.921246	127,030	0.08	0	127,030	110,200		16,830	16,630
RSLI	RESIDENTIAL SERVICE-LOW INCOME	95,596	76,712,480	2.783693	2,135,440	0.94	0	2,135,440	1,944,048	20.3148303	191,392	191,392
TOTAL RES		7,528,140	7,233,584,492	3.152862	228,064,840	65.15		228,054,940		AND IN AMERICA	1.1.	
-	DISTRIBUTION VOLTAGE SERVICE									Contraction of the second		
DS RTP	SEC DISTRIBUTION SERV SEC DISTRIBUTION SERV RTP	242,831	6,308,308,533	1.867772 3,173759	118,909,788	71.47	0	118,909,788		SALE SALES	1.	
GSFL	UNMTRED SMALL FOED LOAD	37 4,199	30,132,228	2.151374	40,203 648,257	0.02	0	40,203 648,257		AND A DECEMBER OF	0.02	
EN	ELEC SPACE HTG	6,945	69,191,199	1.993212	1.379.127	0.83		1,379,127	1,140,157	104.1034744	238,970	000 000
DM	SEC DIST SERV-SMALL	484,889	534,641,413	3,885480	20,773,279	12.49		20,773,279	15,900,172		4,873,107	238,970 4,872,423 dll due to round
DP	PRIM DIST VOLTAGE	4,630	2,318,196,651	1.052458	24,398,050	14.66		24,398,050	10,000,114	Realized and the second second	4,010,101	4,012,423 Gil Goll St Tourio
DP RTP	PRIM DIST VOLTAGE RTP	63	8,275,353	2.694036	222,941	0.13	ó	222,041				
SFL-ADPL	OPT UNMTRED BM FX LD ATTACH DIRECTLY PWR LINE	49	506,335	2.072148	10,492	9.01		19.492				
TOTAL DIS	TREUTION	723.123	9.328.408.442	1.783509	100,382,137	40.23		108.382,137				
	TRANSMISSION VOLTAGE SERVICE											
TB	TRANSNEESION SERV	631	3,118,139,371	0.003686	114,800	94.14	0					
TS RTP	TRANSMISSION SERV RTP		22,668,541	0.031542	7,150	5.88		7,150				
SOLUTION INC.	LIGHTING SERVICE		4.14(.89(.8)6	0.0035565	121,960	0.03	9	121,950				
81.	STREET LIGHTING	827,707	29,007,920	16,638274	6,490,228	65.20		6,490,228				
TL.	TRAFFIC LIGHTING	424,108	18,168,695	1.019578	185,244	1.88	, in the second s	185,244				
OL	OUTDOOR LIGHTING	207.043	20,817,599	10.323560	2,118,148	21.28	ő	2,118,145				
NSU	NON STD STREET LIGHTING	22,147	1,029,982	11.590591	119,381	1.20	o o	119.381				
NSP	NON STD POL'S	28,411	1,339,768	23.971500	321,162	3.23	Ó	321,162				
SC	S L - CUST OWNED	1,152	21,155,298	0.591396	125,112	1.26	0	125,112				
SE	S L - OVERHEAD BOUIV	80,863	4,967,428	9.948396	498,169	4.98	0	496,169				
TOTAL LIG	UNMETERED OUTDOOR LIGHTING	10,655	16,696,247	0.590540	99,539	0.90	0	98,539				
	AL RETAIL	1,290,844	122,892,818 19,822,893,863	8.099725	8,953,961	2.41	0	199,639,9				
1012	OTHER MISCELLANEOUS REVENUE	000,000	18,822,099,003		404,523,008	97.82	0	404,823,008				
INTERDEPA												
BAD CHECK		12	4,004,501	6.872192	275,197	3.05	0	275,197				
	ENT CHARGES	ő	ő			0.00	ő					
	TION CHARGES	0	ő			0.00	ő	ő				
RENTS		0	0		2,771,052	30.67	ō	2,771,052				
	ACT RENTALS	0	0	-	1,563,439	17.30	0	1,583,439				
INTERCOMP		0	0		0	00.0	0	0				
SPECIAL CO OTHER MOS		24	1,415,959	1.545878	21,889	0.24	0	21,689				
TOTAL MIS			5,420,460	168.706700	4,404,880	48.74	0	4,404,803				
COLUMN NEW			0.449ABQ	106.706700	9,036,270	2.18	0	9,036,270				
TOTAL	COMPANY	9,649,898	19,828,314,123	2.085701	413,550,278	100.00	0	413,559,278				

NOTE: DETAL CONTAMED ON SCHEDULES 5-4,1 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

Sum of DIST DECOUPL Column Labels

PAGE 20

24E -\_\_\_\_

Row Labels	DM	EH	OR	RS	CUR TD	Grand Total
1/1/2012	\$0		\$0	\$0	\$(	
2/1/2012	\$0	\$0	\$0	\$0	\$0	
3/1/2012	\$0		\$0	\$0	\$0	o \$0
4/1/2012	\$0		\$0	\$0	\$0	
5/1/2012	\$0			\$0	\$1	
6/1/2012	\$0		\$0	\$0	\$1	
7/1/2012	\$0		\$0	\$0	\$0	
8/1/2012	\$0			\$0	\$0	
9/1/2012	\$0 \$0		\$0	\$0	\$1	
10/1/2012 11/1/2012	\$0		\$0 \$0	\$0 \$0	\$1	
12/1/2012	\$0		\$0	\$0	\$1	
1/1/2013	\$0		\$0	\$0	\$0	
2/1/2013	\$0			\$0	\$1	
3/1/2013	\$0	\$0	\$0	\$0	\$4	
4/1/2013	\$0		\$0	\$0	\$4	D \$0
5/1/2013	\$0		\$0	\$0	\$4	
6/1/2013	-\$2		\$0	\$39	\$1	
7/1/2013	-\$116,358				\$48	
8/1/2013	-\$109,549		the second second	\$467,712	\$50	and the second se
9/1/2013	-\$113,107			\$489,557	\$60	and the second se
10/1/2013 11/1/2013	-\$94,470 -\$91,934		\$357	\$340,841 \$350,554	\$34	the second se
12/1/2013	-\$107,501		\$633	\$496,877	\$48: \$66:	
1/1/2014	-\$120,006		\$777	\$603,549	\$78	
2/1/2014	-\$117,003		\$788	\$587,830	\$72	the second se
3/1/2014	-\$104,547		\$605		\$61	and the second s
4/1/2014	-\$95,614		\$362	\$367,985	\$48	
5/1/2014	-\$90,060	\$3,969	\$274	\$316,580	\$41	
6/1/2014	-\$104,120	\$350	\$293	\$413,471	\$54	\$310,538
7/1/2014	-\$60,055		\$74	\$113,573	\$15	3 \$53,794
8/1/2014	-\$56,193			\$101,440	\$12	
9/1/2014	-\$59,316		\$72	\$112,211	\$14	The second se
10/1/2014	-\$46,693		\$54	\$73,700	\$9:	
11/1/2014 12/1/2014	-\$45,958		\$82	\$79,272	\$94	
1/1/2015	-\$5 <b>7,986</b> -\$61, <b>66</b> 7		\$141 \$169	\$117,129 \$133,611	\$12 \$14	
2/1/2015	-\$58,855		\$173	\$123,696	\$14	
3/1/2015	-\$57,542		\$146	\$121,316	\$12	
4/1/2015	-\$48,539		\$76	\$82,285	\$9	
5/1/2015	-\$47,857		\$54	\$76,225	\$8	
6/1/2015	-\$55,643	\$46	\$66	\$97,451	\$93	2 \$42,011
7/1/2015	-\$12,275	\$55	-\$33	-\$56,560	-\$5	3 -\$68,868
8/1/2015	-\$12,093		-\$33	-\$59,293	-\$5	
9/1/2015	-\$11,992		-\$33	-\$54,939	-\$5	
10/1/2015	-\$9,781		-\$26	-\$39,330	-\$3	
11/1/2015 12/1/2015	-\$9,202 -\$10,370		-\$33 -\$48	-\$36,942 -\$49,181	-\$3: -\$3	
1/1/2016	-\$11,519	\$7,555	-\$71	-\$61,091	-\$4	and the second se
2/1/2016	-\$11,203		-\$71	-\$57,778	-\$4	
3/1/2016	-\$10,096		-\$47	-\$47,227	-\$3	
4/1/2016	-\$9,598	\$5,054	-\$36	-\$40,161	-\$3:	
5/1/2016	-\$8,577	\$4,162	-\$27	-\$35,463	-\$2	8 -\$39,933
6/1/2016	-\$10,866	\$135	-\$33	-\$49,609	-\$:	
7/1/2016	-\$12,438		-\$37	-\$62,650	-\$	
8/1/2016	-\$13,160		-\$39	-\$69,156	-\$:	
9/1/2016 10/1/2016	-\$11,491		\$51	\$87,549	\$	
11/1/2016	-\$8,872 -\$7,958	\$4,790 \$4,652	\$38 \$45	\$61,361 \$51,341	\$: \$:	
12/1/2016	-\$9,609	\$7,231	\$83	\$74,621	\$	
1/1/2017	-\$10,699		\$101	\$89,126	\$1,149 \$4	
2/1/2017	-\$9,081	\$6,983	\$71	\$68,268	\$965 \$	
3/1/2017	-\$8,652		\$64	\$62,083	\$916 \$	
4/1/2017	-\$8,272		\$47	\$54,533	\$863 \$	
5/1/2017	-\$8,072	\$4,444	\$39	\$51,655	\$766 \$:	
6/1/2017	-\$9,415		\$42	\$66,614	\$784 \$	
7/1/2017	-\$10,563		\$52	\$82,519	\$802 \$	
8/1/2017	-\$10,439	-\$7	\$48	\$80,525	\$769 \$	
9/1/2017	-\$9,536	\$0	\$41	\$67,898	\$755 \$	and the second se
10/1/2017	-\$8,769	\$4,736	\$37	\$59,175	\$722 \$	
11/1/2017 12/1/2017	-\$8,175 -\$9,336	\$5,120 \$6,952	\$54 \$88	\$56,339	\$800 \$	and the second se
Grand Total				\$73,675 \$7,028,968	\$987 \$ \$10,277 \$7,610	
	+=,222,003	,,	+0,,00		+ \$7,010	

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

	Sum of DISTRIBUTION	Sum of OHIO EXC TAX	Sum of UNIV SERVICE	Sum of DCI old DEMANE Sun	n of RIDER EE	Sum of INFRA MOD
DM	\$21,550,526	\$2,473,335	\$158,683	583 \$2,537,678 \$768,500 \$3,9	\$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
10	58,303	<u>\$1,281</u>	\$81	\$970	<u>\$959</u>	\$1.081
<b>Grand Total</b>	\$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 3% of Total Residential (OR, RS, TD) 3% of Total DM 3% of Total EH

TO PAGE 1

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

\$31,417,466 \$1,691,677

\$346,140,859

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PAGE 22

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
		-			
1 40		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		

Fall 2017

PUCO Case No. 11-5905-EL-RDR 2018 Attachment 2 Clean Revised Page 1 of 1

P.U.C.O. Electric No. 19 Sheet No. 122.4 Cancels and Supersedes Sheet No. 122.3 Page 1 of 1

139 East Fourth Street Cincinnati, Ohio 45202

### **RIDER DDR**

### DISTRIBUTION DECOUPLING RIDER

### APPLICABILITY

**Duke Energy Ohio** 

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:

Tariff Sheet	DDR Charge/Credit (Per kWh)
Rates RS, RS3P, RSLI, Residential Service All kWh	\$0.000962
Rate ORH, Optional Residential Service With Electric Space Heating	\$0.00090Z
All kWh Rate TD, Optional Time-of-Day Rate	\$0.000962
All kWh	\$0.000962
Rate CUR, Common Use Residential Service	
All kWh	\$0.000962
Rate EH, Optional Rate For Electric Space Heating All kWh	\$0.000790
Rate DM, Secondary Distribution Service, Small All kWh	\$0.001398

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

Issued:

Effective:

## PUCO Case No. 11-5905-EL-RDR 2018 Attachment 2 Redlined Revised Page 1 of 1

Duke Energy Ohio 139 East Fourth Street Cincinnati, Ohio 45202	P.U.C.O. Electric No. 19 Sheet No. 122. <u>4</u> Cancels and Supersedes Sheet No. 122. <u>3</u> Page 1 of 1	Deleted: 3 Deleted: 2
RIDER DDR		
DISTRIBUTION DECOUPLING RIDER		
APPLICABILITY Applicable to all customers taking service under the Company's rate s	chedules listed below.	
As a three-year pilot program or until the Company's next distributio shall be assessed a monthly charge or credit which reflects an adjust remove Duke Energy Ohio's distribution-related through-put incentive.	n rate case, applicable customers ment to rates that will effectively	
CHARGES/CREDITS Beginning July 1, 2018, the following Rider DDR rates apply:		Deleted: August 30
Tariff Sheet	DDR Charge/Credit (Per kWh)	Deleted: 2016
Rates RS, RS3P, RSLI, Residential Service All kWh Rate ORH, Optional Residential Service With Electric Space Heating	<b>\$0</b> ,000962	Deleted: 000117
All kWh	<b>\$0</b> ,000962	Deleted: 000117
Rate TD, Optional Time-of-Day Rate All kWh	<b>\$0.</b> <u>000962</u>	Deleted: 000117
		Deleted: Rate TD-13, Optional Time-of-Day Rate For Residential Service With Advanced Metering
Rate CUR, Common Use Residential Service		Deleted: All kWh
All kWh Rate EH, Optional Rate For Electric Space Heating	<b>\$0</b> ,000962	Deleted: \$0.000117
All kWh	<b>\$0</b> ,000790	Deleted: 000117
Rate DM, Secondary Distribution Service, Small		Deleted: 000775
All kWh	<b>\$0</b> _001398	Deleted: (
		Deleted: 000203)

Deleted: August 3, 2016	1.1.1.1.1.1
Deleted: August 4, 2016	
Deleted: August 30, 2016	

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

Issued: .

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Effective: \_ Issued by James P. Henning, President This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

12/7/2018 3:32:23 PM

in

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

Summary: Application Duke Energy Ohio, Inc.'s Revised 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