

FILE

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke )  
Energy Ohio, Inc., for the Annual Audit of ) Case No. 16 -0002-EL-RDR  
Rider SCR, Rider RE, Rider RC, Rider LFA, )  
Rider ESSC, and Rider ECF. )

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**DUKE ENERGY OHIO, INC.'S APPLICATION FOR AUDIT OF  
RIDER SCR, RIDER RE, RIDER RC,  
RIDER LFA, RIDER ESSC, AND RIDER ECF**

1. Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company) is an Ohio corporation engaged in the business of supplying electric transmission, distribution, and generation service in Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Southwestern Ohio to approximately 355,000 consumers and supplying electric transmission and distribution service to approximately 346,000 customers who receive generation service from competitive retail electric service (CRES) providers.
2. Duke Energy Ohio is a "public utility," as defined by R.C. 4905.02 and 4905.03, and an "electric distribution company," "electric light company," electric supplier," and "electric utility," as defined by R.C. 4928.01.
3. In its Opinion and Order (Order) dated November 22, 2011, in Case No 11-3549-EL-SSO, *et al.*, the Public Utilities Commission of Ohio (Commission) approved and adopted a Stipulation and Recommendation (Stipulation) that established Duke Energy

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Ohio's Standard Service Offer (SSO) for the period beginning January 1, 2012, through May 31, 2015.<sup>1</sup> The SSO was in the form of an electric security plan (ESP) in which the supply for competitive retail electric service for Duke Energy Ohio's SSO was to be procured through a competitive bidding process.<sup>2</sup> The Company's SSO, as approved by the Commission, was to be implemented through several formulaic yet discrete pricing components that were established as separate riders.<sup>3</sup>

4. The Commission's Order provided for review of the Company's various pricing terms during the term of the ESP, including audits and true-ups of Duke Energy Ohio's riders.<sup>4</sup> Several of these riders were subject to an annual review and audit conducted by the Staff of the Public Utilities Commission of Ohio (Staff).<sup>5</sup>
5. As such, Duke Energy Ohio hereby submits this request for the Staff's audit of specific riders, consisting of the following: 1) Supplier Cost Reconciliation Rider (Rider SCR); 2) Retail Energy Rider (Rider RE); 3) Retail Capacity Rider (Rider RC); 4) Load Factor Adjustment Rider (Rider LFA); 5) Economic Competitiveness Fund (Rider ECF) and 6) Electric Security Stabilization Charge (Rider ESSC) (collectively the Riders). The calculation and audit of these six Riders are in accordance with the Stipulation and

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<sup>1</sup> *In the Matter of the Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service*, Case No. 11-3549-EL-SSO, *et al.*, Stipulation at pg. 28 (October 24, 2011); Opinion and Order at pg. 32 (November 22, 2011); and Entry at pg. 3 (December 14, 2011). The Commission's December Entry directed the Company to file the various rider pricing components in a new rider docket using the case code RDR.

<sup>2</sup> *Id.*

<sup>3</sup> *In the Matter of the Application of Duke Energy Ohio, Inc., for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service*, Case No. 11-3549-EL-SSO, *et al.*, Opinion and Order at pp. 12, 13, and 17 (November 22, 2011).

<sup>4</sup> *Id.* at pg. 43.

<sup>5</sup> *Id.*

Recommendation (Stipulation) filed on October 24, 2011, in Case No. 11-3549-EL-SSO, *et al.*, as well as in accordance with the Commission's Order and its subsequent Entry dated December 14, 2011 (Entry).<sup>6</sup>

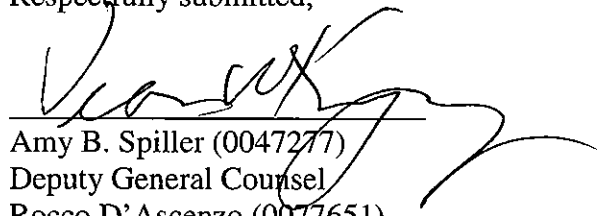
6. In support of this filing, Duke Energy Ohio is submitting the various work papers and documents that support the calculation of these Riders:
  - a. Attachment A supports the calculation of the quarterly rates effective in calendar year 2015 for Rider SCR. Attachment A contains confidential, proprietary, trade secret information and is therefore attached in redacted form. The confidential version of Attachment A is being filed, contemporaneously herewith, under seal with the Commission, together with a motion for a protective order.
  - b. Attachment B includes the calculation for Rider LFA for calendar year 2015.
  - c. Attachment C supports the calculation for Rider DR-ECF for calendar year 2015.
  - d. Attachment D supports the calculation of Rider ESSC for calendar year 2015.
  - e. Attachments E-1 and E-2 support the calculation of Rider RE and Rider RC for calendar year 2015.

Therefore, Duke Energy Ohio respectfully requests that the Commission to review and audit Duke Energy Ohio's Rider SCR, Rider RE, Rider RC, Rider LFA, and Rider ESSC.

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<sup>6</sup> *Id.*

Respectfully submitted,



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Duke Energy Ohio  
Supplier Cost Reconciliation  
Summary of SSO Supplier Costs/Revenue  
Effective for the Period January 2015 through March 2015

Line Description	Aug-14	Sep-14	Oct-14
1 Beginning Balance			
2			
3 Revenue Associated with Riders RE and RC	27,400,055.01	24,581,705.05	19,640,506.88
4 less: FES PIPP included in RC & RE	1,915,616.01	1,657,169.37	1,231,892.29
5 Net RC / RE Revenue including CAT Tax	25,484,439.00	22,924,535.68	18,408,614.59
6 less: CAT tax	66,260.11	59,604.30	47,862.81
7 Net RC / RE Revenue excluding CAT Tax	25,418,178.89	22,864,931.37	18,360,751.78
8			
9 Cost of Supplying Generation Service	25,543,775.97	21,088,869.94	16,742,954.90
10 less: FES PIPP Payment	1,859,302.54	1,974,262.94	1,259,647.62
11 Auction Expenses			
12 Supplier Default Costs			
13 Audit Fees			
14 Net expense for current month			
15			
16 Net (revenue) / expense for current month			
17			
18 Revenue Associated with Rider SCR	\$ 1,168,850.34	\$ 928,197.37	\$ 625,606.34
19 less: FES PIPP included in SCR	80,741.56	68,774.39	34,622.17
20 Net SCR Revenue including CAT Tax	1,088,108.78	859,422.97	590,984.17
21 less: CAT tax	2,829.11	2,234.52	1,536.57
22 Net SCR Revenue excluding CAT Tax	1,085,279.68	857,188.45	589,447.60
23			
24 (Over) / Under Recovery for the month			
25			
26 Ending Balance before interest	38,769.04	22,489.17	4,704.96
27 Applicable interest for the month @ 5.32% beg. May '13			
28 Ending Balance			
29 Projected Non-Switched Kwh Sales for Twelve Months ended December 2015			5,519,182,000
30 CAT Tax Rate			0.0026068
31 Rider SCR Charge (per Kwh)			\$ (0.000121) \$/Kwh
32			
33			
34 Non-Bypassable Threshold Calculation			
35 (Over) / Under Recovery Balance			\$ (665,760.64)
36 Total SSO Revenue (Riders RE, RC, AER-R & RECON)			\$ 269,350,474.05
37 Threshold Percentage			10%
38 Threshold Amount (Line 18 * Line 19)			\$ 26,935,047.41
39 Variance			\$ -
40 Rider SCR Bypassable Yes / No			YES

Duke Energy Ohio  
Supplier Cost Reconciliation  
Summary of SSO Supplier Costs/Revenue  
Effective for the Period April 2015 through June 2015

Line	Description	Nov-14	Dec-14	Jan-15
1	Beginning Balance			
2				
3	Revenue Associated with Riders RE and RC	20,840,743.46	23,654,490.46	26,766,358.27
4	less: FES PIP included in RC & RE	1,562,745.15	1,731,454.89	1,850,501.33
5	Net RC / RE Revenue including CAT Tax	19,277,998.31	21,923,035.57	24,915,856.94
6	less: CAT tax	50,123.22	57,000.38	64,781.78
7	Net RC / RE Revenue excluding CAT Tax	19,227,875.08	21,866,035.19	24,851,075.16
8				
9	Cost of Supplying Generation Service	21,373,555.85	28,107,088.37	26,934,025.43
10	less: FES PIP Payment	1,107,985.68	1,900,600.80	1,903,383.82
11	Auction Expenses			
12	Supplier Default Costs			
13	Audit Fees			
14	Net expense for current month			
15				
16	Net (revenue) / expense for current month			
17				
18	Revenue Associated with Rider SCR	\$ 712,160.89	\$ 465,696.28	\$ (66,975.61)
19	less: FES PIP included in SCR	55,045.70	70,596.17	(40,200.81)
20	Net SCR Revenue including CAT Tax	657,115.19	395,100.11	(26,774.80)
21	less: CAT tax	1,708.51	1,027.27	(69.62)
22	Net SCR Revenue excluding CAT Tax	655,406.68	394,072.84	(26,705.18)
23				
24	(Over) / Under Recovery for the month			
25				
26	Ending Balance before interest			
27	Applicable interest for the month @ 5.32% beg. May '13	(2,102.49)	7,486.88	16,726.94
28	Ending Balance			
29	Projected Non-Switched kWh Sales for Twelve Months ended March 2016			5,183,658,796
30	CAT Tax Rate			0.0026068
31	Rider SCR Charge (per kWh)			\$ 0.000753 \$/kWh
32				
33				
34	Non-Bypassable Threshold Calculation			
35	(Over) / Under Recovery Balance			\$ 3,892,857.08
36	Total SSO Revenue (Riders RE, RC, AER-R & RECON)			\$ 269,480,256.07
37	Threshold Percentage			10%
38	Threshold Amount (Line 18 * Line 19)			\$ 26,946,025.61
39	Variance			\$ -
40	Rider SCR Bypassable Yes / No			YES

Duke Energy Ohio  
Supplier Cost Reconciliation  
Summary of SSO Supplier Costs/Revenue  
Effective for the Period July 2015 through September 2015

Line	Description	Feb-15	Mar-15	Apr-15
1	Beginning Balance			
2				
3	Revenue Associated with Riders RE and RC	26,539,184.98	22,633,025.91	18,200,477.11
4	less: FES PIPP Included in RC & RE	1,909,107.63	1,574,738.08	1,361,942.03
5	Net RC / RE Revenue including CAT Tax	24,630,077.35	21,058,287.83	16,838,535.08
6	less: CAT tax	64,038.75	54,752.02	43,780.57
7	Net RC / RE Revenue excluding CAT Tax	24,566,038.60	21,003,535.81	16,794,754.52
8				
9	Cost of Supplying Generation Service	25,693,229.28	22,717,959.59	19,479,226.56
10	less: FES PIPP Payment	1,669,517.31	1,863,700.17	1,308,921.54
11	Auction Expenses	-	-	-
12	Supplier Default Costs	-	-	-
13	Audit Fees	-	-	-
14	Net expense for current month			
15				
16	Net (revenue) / expense for current month			
17				
18	Revenue Associated with Rider SCR	\$ (58,092.85)	\$ 91,656.81	\$ 243,981.11
19	less: FES PIPP Included in SCR	(4,993.43)	(4,050.80)	29,251.22
20	Net SCR Revenue including CAT Tax	(53,089.42)	95,707.61	214,729.89
21	less: CAT tax	(138.06)	248.84	558.30
22	Net SCR Revenue excluding CAT Tax	(52,961.36)	95,458.77	214,171.58
23				
24	(Over) / Under Recovery for the month			
25				
26	Ending Balance before interest			
27	Applicable interest for the month @ 5.32% beg. May '13	16,173.57	14,618.02	16,714.72
28	Ending Balance			
29	Projected Non-Switched Kwh Sales for Twelve Months ended March 2016			5,073,725,000
30	CAT Tax Rate			0.0026068
31	Rider SCR Charge (per Kwh)			\$ 0.000769 \$/kwh
32				
33				
34	Non-Bypassable Threshold Calculation			
35	(Over) / Under Recovery Balance			\$ 4,367,641.88
36	Total SSO Revenue (Riders RE, RC, AER-R & RECON)			\$ 274,042,664.40
37	Threshold Percentage			10%
38	Threshold Amount (Line 18 + Line 19)			\$ 27,404,266.44
39	Variance			\$ -
40	Rider SCR Bypassable Yes / No			YES

Duke Energy Ohio  
Supplier Cost Reconciliation  
Summary of SSO Supplier Costs/Revenue  
Effective for the Period October 2015 through December 2015

Line Description	May-15	Jun-15	Jul-15
1 Beginning Balance			
2			
3 Revenue Associated with Riders RE and RC	23,089,345.35	27,399,641.38	30,793,851.71
4 less: FES PIPP included in RC & RE	1,507,406.27	952,796.10	(648,619.15)
5 Net RC / RE Revenue including CAT Tax	21,581,939.08	26,446,845.28	31,442,470.86
6 less: CAT tax	56,113.52	68,762.39	81,751.12
7 Net RC / RE Revenue excluding CAT Tax	21,525,825.56	26,378,082.89	31,360,719.74
8			
9 Cost of Supplying Generation Service	21,822,216.06	31,971,052.62	29,808,406.29
10 less: FES PIPP Payment	1,132,630.42	544,565.33	424,352.21
11 Auction Expenses			
12 Supplier Default Costs			
13 Audit Fees			
14 Net expense for current month			
15			
16 Net (revenue) / expense for current month			
17			
18 Revenue Associated with Rider SCR	\$ 269,934.33	\$ 314,417.91	\$ 354,545.62
19 less: FES PIPP included in SCR	19,554.33	10,021.41	(7,634.05)
20 Net SCR Revenue including CAT Tax	250,380.00	304,396.50	362,179.67
21 less: CAT tax	650.99	791.44	941.68
22 Net SCR Revenue excluding CAT Tax	249,729.01	303,605.06	361,238.00
23			
24 (Over) / Under Recovery for the month			
25			
26 Ending Balance before interest			
27 Applicable interest for the month @ 5.32% beg. May '13	18,532.01	28,325.95	33,830.59
28 Ending Balance			
29 Projected Non-Switched Kwh Sales for Twelve Months ended September 2016			5,099,647,000
30 CAT Tax Rate			0.0026058
31 Rider SCR Charge (per Kwh)	\$	0.001278	\$/Kwh
32			
33			
34 <u>Watt-Bypassable Threshold Calculation</u>			
35 (Over) / Under Recovery Balance			\$ 6,499,997.33
36 Total SSO Revenue (Riders RE, RC, AER-R & RECON)			\$ 281,171,186.12
37 Threshold Percentage			10%
38 Threshold Amount (Line 18 * Line 19)			\$ 28,117,116.61
39 Variance			\$ -
40 Rider SCR Bypassable Yes / No			YES



DUKE ENERGY OHIO  
 CALCULATION OF RIDER LFA RATES EFFECTIVE JUNE 2015

OLD RATE TIMES 0.67

OLD RATE EFFECTIVE SEPTEMBER 30, 2014 THROUGH MAY 31, 2015				NEW RATE EFFECTIVE JUNE 1, 2015			
LFA CHARGE (PER KW/KVA)		LFA CREDIT (PER KWH)		LFA CHARGE (PER KW/KVA)		LFA CREDIT (PER KWH)	
RATE DS	\$8.00	\$0.019510		\$5.36		\$0.013072	
RATE DP	\$8.00	\$0.019510		\$5.36		\$0.013072	
RATE TS	\$8.00	\$0.019510		\$5.36		\$0.013072	

NOTE: PER THE ORDER DATED APRIL 2, 2015 IN CASE NO. 14-841-EL-SSO, RIDER LFA SHALL BE REDUCED BY 33 PERCENT IN THE FIRST YEAR.

Duke Energy Ohio Electric  
Calculation of Economic Competitiveness Fund Rate

Line	Description	Amount	kWh Sales	Unit Rate (\$/kWh)
1	True Up ECF Balance through May 31, 2014	\$4,749,242		
2	Actual ECF Balance through February 28, 2015	(\$2,772,023)		
3	Projected ECF March - June 2015	<u>\$713,879</u>		
4	Calculated ECF Rate	<u>\$2,691,098</u>	20,235,411,039	\$0.000133
5	CAT Tax			1.0026068
6	Rider ECF Rate including CAT Tax			\$0.000133

Duke Energy Ohio  
Calculation of Rider ECF Rates

kWh Sales	
1	RES
2	COM
3	IND
4	OPA
5	STL
6	ITD
7	Total kWh
8	Monthly Recovery
9	Calculated ECF Rate
10	CAT Tax
11	Rider ECF Rate including CAT Tax

Total	Actual											
	June 2014	July 2014	August 2014	September 2014	October 2014	November 2014	December 2014	January 2015				
-	569,136,470	676,829,977	598,922,621	662,904,837	433,123,809	463,984,306	692,428,561	788,403,794				
-	558,270,908	593,372,768	557,720,618	588,179,520	486,411,355	466,983,472	538,302,184	553,008,425				
-	453,729,789	453,466,027	434,281,602	465,392,227	427,445,678	376,365,484	449,594,049	416,670,031				
-	122,751,063	128,060,809	124,860,793	136,723,694	115,080,416	104,436,473	123,914,855	117,622,065				
-	7,556,951	7,559,439	7,615,694	7,520,229	7,287,426	7,569,910	7,506,432	7,022,173				
-	864,669	258,240	345,285	268,238	243,830	254,803	321,689	323,420				
-												
-												
-	1,712,309,850	1,859,547,260	1,723,746,613	1,860,988,745	1,469,592,514	1,419,594,448	1,812,067,770	1,883,049,908				
\$4,749,242	(\$317,506)	(\$332,572)	(\$361,071)	(\$301,285)	(\$236,401)	(\$236,247)	(\$306,274)	(\$363,987)				

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February 2015	Total	Projected			Projection Total	Grand Total
		March 2015	April 2015	May 2015		
728,520,186	5,614,254,561	620,871,000	518,938,000	460,115,000	1,599,924,000	7,214,178,561
521,202,878	4,863,452,128	498,148,000	503,173,000	499,855,000	1,501,176,000	6,364,628,128
406,475,801	3,883,420,688	411,424,000	425,234,000	419,699,000	1,256,357,000	5,139,777,688
112,270,404	1,085,720,572	109,605,000	112,737,000	114,189,000	336,531,000	1,422,251,572
8,029,092	67,667,346	8,119,000	7,632,000	6,625,000	22,376,000	90,043,346
341,224	3,221,398	475,174	448,941	386,231	1,310,346	4,531,744
1,776,839,585	15,517,736,693	1,648,642,174	1,568,162,941	1,500,869,231	4,717,674,346	20,235,411,039
(\$316,679)	(\$2,772,023)	\$240,546	\$232,787	\$240,546	\$713,879	\$2,691,098
						\$0.000133
						1.0026068
						\$0.000133

Duke Energy Ohio  
Summary of Monthly Recovery

	True					
	June 2012	July 2012	August 2012	September 2012	October 2012	November 2012
Monthly Capacity Credit Payments	\$563,313.25	\$582,090.35	\$582,090.35	\$563,313.25	\$582,090.35	\$563,313.25
Monthly OEG PJM Payment	\$1,690.26	\$4,419.03	\$3,497.67	\$3,504.15	\$4,419.14	\$3,524.70
Monthly FRR PJM Payment	\$13,651.68	\$14,106.74	\$14,106.74	\$13,651.68	\$14,106.74	\$13,651.68
Total Monthly PJM Payments	\$15,341.94	\$18,525.77	\$17,604.41	\$17,155.83	\$18,525.88	\$17,176.38
ECF Rider Revenue	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Monthly Recovery	\$547,971.31	\$563,564.58	\$564,485.94	\$546,157.42	\$563,564.47	\$546,136.87

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Up									
December 2012	January 2013	February 2013	March 2013	April 2013	May 2013	Total			
\$582,090.35	\$582,090.35	\$525,759.02	\$582,090.35	\$563,313.25	\$582,090.35	\$6,853,644.47			
\$3,527.95	\$4,434.79	\$3,499.02	\$3,512.70	\$4,409.41	\$3,507.07	\$43,945.89			
\$14,106.74	\$14,106.74	\$12,741.56	\$14,106.73	\$13,651.68	\$14,106.74	\$166,095.45			
\$17,634.69	\$18,541.53	\$16,240.58	\$17,619.43	\$18,061.09	\$17,613.81	\$210,041.34			
\$0.00	\$0.00	\$0.00	\$0.00	\$688,201.00	\$479,341.00	\$1,167,542.00			
\$564,455.66	\$563,548.82	\$509,518.44	\$564,470.92	-\$142,948.84	\$85,135.54	\$5,476,061.13			

Act					
June 2013	July 2013	August 2013	September 2013	October 2013	November 2013

Total Monthly OEG Payments	\$529,268.02	\$546,910.29	\$546,910.29	\$529,268.02	\$546,910.29	\$529,268.02
Monthly PJM Payment	\$5,470.69	\$10,104.97	\$8,041.56	\$10,099.81	\$8,047.62	\$28,494.91
Monthly PJM Payment	\$28,933.65	\$29,898.11	\$29,898.11	\$28,933.65	\$29,898.11	\$28,933.65
Total Monthly PJM Payments	\$34,404.34	\$40,003.08	\$37,939.67	\$39,033.46	\$37,945.73	\$57,428.56
ECF Rider Revenue	\$558,618.00	\$622,532.00	\$616,188.00	\$563,154.61	\$513,933.00	\$496,148.00
Monthly Recovery	-\$63,754.32	-\$115,624.78	-\$107,217.37	-\$72,920.05	-\$4,968.43	-\$24,308.54



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ual						Total
December 2013	January 2014	February 2014	March 2014	April 2014	May 2014	
\$546,910.29	\$546,910.28	\$493,983.48	\$546,910.28	\$529,268.03	\$546,910.28	\$6,439,427.59
\$10,163.05	\$8,083.11	\$8,061.02	\$8,941.24	\$8,635.85	\$8,923.75	\$123,067.58
\$29,898.11	\$29,869.88	\$26,979.25	\$29,869.88	\$28,906.34	\$29,869.88	\$351,888.60
\$40,061.16	\$37,952.99	\$35,040.27	\$38,811.12	\$37,542.19	\$38,793.63	\$474,956.18
\$587,892.46	\$700,770.00	\$554,750.00	\$522,142.00	\$491,717.36	\$463,445.06	\$6,691,290.49
-\$81,043.32	-\$191,812.71	-\$95,806.79	-\$14,042.84	\$8.48	\$44,671.59	-\$726,819.08

	Actual											
	June 2014	July 2014	August 2014	September 2014	October 2014	November 2014	December 2014					
Total Monthly OEG Payments	\$271,522.29	\$280,573.04	\$280,573.04	\$271,522.29	\$280,573.04	\$271,522.29	\$280,573.04					
Monthly PJM Payment	\$38,619.59	\$39,879.91	\$39,894.19	\$38,607.10	\$39,904.70	\$38,617.44	\$26,653.84					
Monthly PJM Payment												
Total Monthly PJM Payments	\$38,619.59	\$39,879.91	\$39,894.19	\$38,607.10	\$39,904.70	\$38,617.44	\$26,653.84					
ECF Rider Revenue	\$550,409.15	\$573,265.10	\$601,749.92	\$534,200.44	\$477,069.18	\$469,152.30	\$560,192.72					
Monthly Recovery	-\$317,506.45	-\$332,571.97	-\$361,071.07	-\$301,285.25	-\$236,400.84	-\$236,247.45	-\$306,273.52					

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		Projected				Total
January 2015	February 2015	March 2015	April 2015	May 2015		
\$280,573.04	\$253,420.81	\$280,573.04	\$271,522.29	\$280,573.04	\$3,303,521.25	
\$36,031.42	\$36,014.79	\$40,026.75	\$38,735.57	\$40,026.75	\$453,012.05	
					\$0.00	
\$36,031.42	\$36,014.79	\$40,026.75	\$38,735.57	\$40,026.75	\$453,012.05	
\$608,528.87	\$534,085.24	\$0.00	\$0.00	\$0.00	\$4,908,652.92	
-\$363,987.25	-\$316,679.22	\$240,546.29	\$232,786.72	\$240,546.29	-\$2,058,143.72	
					\$2,691,098.33	
					\$16,596,593.31	
					\$620,025.52	
					\$517,984.05	
					\$1,138,009.57	
					\$12,767,485.41	

To Be Collected

EST DEC 2014 BASED ON 2013 ACTUAL	\$8,210,680
EST THREE YEAR TOTAL W/O ADJUSTMENT	\$320,447,406
ESSC THREE YEAR REVENUE TARGET INCLUDING CAT	\$330,860,244
THREE YEAR ESSC UNDER COLLECTION	\$10,412,838
	17.65046%

Duke Energy Ohio  
Calculation of Revised Rates Effective January 2015

	Rates (\$/kWh; kW; kVA)	
	Apr-Dec 2014	Jan 2015 117.650%
<b>Rate RS, Residential Service</b>		
Summer, First 1000 kWh	\$0.007124	\$0.008381
Summer, Additional kWh	\$0.009465	\$0.011136
Winter, First 1000 kWh	\$0.007124	\$0.008381
Winter, Additional kWh	\$0.001644	\$0.001934
<b>Rate ORH, Optional Residential Service</b>		
Summer, First 1000 kWh	\$0.006494	\$0.007640
Summer, Additional kWh	\$0.008151	\$0.009590
Summer, kWh greater than 150 times demand	\$0.008149	\$0.009587
Winter, First 1000 kWh	\$0.006494	\$0.007640
Winter, Additional kWh	\$0.002464	\$0.002889
Winter, kWh greater than 150 times demand	\$0.000844	\$0.000993
<b>Rate TD, Optional Time-of-Day Rate</b>		
Summer, On-Peak kWh	\$0.017287	\$0.020338
Summer, Off-Peak kWh	\$0.000949	\$0.001117
Winter, On-Peak kWh	\$0.013215	\$0.015548
Winter, Off-Peak kWh	\$0.000951	\$0.001119
<b>Rate CUR, (Rev. Class 01, 02, 04, 16 &amp; 18 only)</b>		
Summer, First 1000 kWh	\$0.007492	\$0.008815
Summer, Additional kWh	\$0.009928	\$0.011680
Winter, First 1000 kWh	\$0.007492	\$0.008815
Winter, Additional kWh	\$0.001793	\$0.002109
<b>Rate DS, Secondary Distribution Voltage</b>		
First 1000 kW (\$ per kW)	\$1.132344	\$1.332208
Additional kW (\$ per kW)	\$0.895752	\$1.053856
Billing Demand Times 300	\$0.002587	\$0.003044
Additional kWh	\$0.000783	\$0.000921
<b>Rate GS-FL, Optional Unmetered</b>		
kWh Greater Than or Equal to 540 Hours	\$0.004969	\$0.005846
kWh Less Than 540 Hours	\$0.005752	\$0.006768
<b>Rate SFL-ADPL, Optional Unmetered</b>		
All kWh	\$0.004969	\$0.005846
<b>Rate EH, Optional Electric Space Heating</b>		
All kWh	\$0.003858	\$0.004539

Duke Energy Ohio  
Calculation of Revised Rates Effective January 2015

	Rates (\$/kWh; kW; kVA)	
	Apr-Dec 2014	Jan 2015
<b>Rate DM, Secondary Dist. Service, Small</b>		
Summer, First 2800 kWh	\$0.008535	\$0.010042
Summer, Next 3200 kWh	\$0.001016	\$0.001195
Summer, Additional kWh	-\$0.000296	-\$0.000348
Winter, First 2800 kWh	\$0.006471	\$0.007614
Winter, Next 3200 kWh	\$0.001016	\$0.001195
Winter, Additional kWh	-\$0.000349	-\$0.000410
<b>Rate DP, Service at Primary Dist.Voltage</b>		
First 1000 kW (\$ per kW)	\$1.335983	\$1.571790
Additional kW (\$ per kW)	\$1.053909	\$1.239929
Billing Demand Times 300	\$0.003444	\$0.004052
Additional kWh	\$0.001297	\$0.001525
<b>Rate TS, Service at Transmission Voltage</b>		
First 50,000 kVA (\$ per kVA)	\$1.633326	\$1.921616
Additional kVA (\$ per kVA)	\$1.177418	\$1.389237
Billing Demand Times 300	\$0.001739	\$0.002046
Additional kWh	\$0.001054	\$0.001240
<b>Rate TL, Traffic Lighting Service</b>		
All kWh	\$0.001853	\$0.002180
<b>Rate SL, Street Lighting Service</b>		
Rate OL, Outdoor Lighting Service	\$0.003851	\$0.004531
Rate NSU, Street Lighting	\$0.003851	\$0.004531
Rate NSP, Private Outdoor Lighting	\$0.003851	\$0.004531
Rate SE, Street Lighting Service	\$0.003851	\$0.004531
All kWh		
<b>Rate SC, Street Lighting</b>		
Energy Only - All kWh	\$0.000026	\$0.000031
Units - All kWh	\$0.003849	\$0.004529
<b>Rate UOLS, Unmetered Outdoor Lighting</b>		
All kWh	\$0.000114	\$0.000134
<b>TD 13</b>		
Summer, On Peak	0.043125	\$0.050737
Winter, On Peak	0.043094	\$0.050700
Winter, Off Peak	0.005341	\$0.006284

DUKE ENERGY OHIO

OVERCOLLECTION AT FEBRUARY 2015

SUM OF RIDER ESSC																			
Row Labels	DM	DP	DS	EH	GF	NS	OL	OR	RS	SC	SE	SF	SL	TD	TL	TS	UO	Grand Total	
2012		\$3,021,928	\$11,272,099	\$32,576,710	\$164,853	\$145,524	\$9,159	\$79,458	\$27,794	\$44,898,329	\$2,532	\$19,039	\$2,111	\$148,061	\$1,148	\$31,238	\$11,694,577	\$1,918	\$104,096,468
1/1/2012		\$110,116	\$481,677	\$1,317,940	\$14,858	\$12,114	\$689	\$6,161	\$1,246	\$1,517,668	\$212	\$1,585	\$178	\$12,406	\$70	\$2,671	\$770,268	\$157	\$4,250,016
2/1/2012		\$238,707	\$931,542	\$2,780,420	\$29,447	\$12,118	\$771	\$6,701	\$2,226	\$3,349,470	\$212	\$1,591	\$178	\$12,406	\$151	\$2,662	\$950,302	\$157	\$8,319,061
3/1/2012		\$224,325	\$983,867	\$2,717,841	\$23,982	\$12,121	\$772	\$6,696	\$1,911	\$3,070,935	\$212	\$1,588	\$178	\$12,406	\$120	\$2,651	\$978,892	\$159	\$8,038,658
4/1/2012		\$210,785	\$954,332	\$2,725,117	\$17,842	\$12,123	\$772	\$6,683	\$1,623	\$2,755,358	\$212	\$1,588	\$177	\$12,403	\$91	\$2,644	\$1,075,527	\$159	\$7,777,435
5/1/2012		\$213,190	\$859,170	\$2,772,701	\$18,115	\$12,127	\$771	\$6,676	\$1,532	\$2,862,539	\$212	\$1,588	\$177	\$12,382	\$94	\$2,646	\$992,901	\$159	\$7,756,981
6/1/2012		\$320,363	\$1,111,424	\$2,941,741	\$132	\$12,125	\$770	\$6,668	\$3,140	\$4,553,776	\$212	\$1,588	\$176	\$12,382	\$167	\$2,644	\$996,599	\$159	\$9,964,068
7/1/2012		\$361,619	\$1,076,678	\$3,113,914	-\$27	\$12,124	\$775	\$6,686	\$4,157	\$6,663,877	\$212	\$1,588	\$176	\$12,382	\$248	\$2,548	\$1,056,959	\$162	\$12,314,079
8/1/2012		\$351,876	\$1,058,796	\$3,054,872	\$0	\$12,124	\$762	\$6,676	\$3,469	\$6,109,381	\$202	\$1,579	\$176	\$12,014	-\$64	\$2,597	\$1,076,466	-\$72	\$11,690,854
9/1/2012		\$331,247	\$1,018,519	\$2,984,309	-\$50	\$6,154	\$768	\$6,656	\$3,065	\$5,005,110	\$211	\$1,587	\$175	\$12,322	-\$1,124	\$2,550	\$947,184	-\$393	\$10,319,077
10/1/2012		\$210,590	\$949,522	\$2,726,875	\$15,850	\$18,108	\$772	\$6,565	\$1,481	\$2,735,464	\$211	\$1,587	\$174	\$12,321	\$89	\$2,538	\$973,725	-\$358	\$7,655,514
11/1/2012		\$213,930	\$921,430	\$2,704,834	\$20,320	\$12,134	\$771	\$6,668	\$1,865	\$2,927,195	\$211	\$1,587	\$174	\$12,321	\$550	\$2,541	\$972,833	\$681	\$7,800,045
12/1/2012		\$235,179	\$925,142	\$2,736,146	\$24,383	\$12,142	\$766	\$6,622	\$2,079	\$3,347,555	\$211	\$1,585	\$173	\$12,314	\$755	\$2,545	\$902,912	\$161	\$8,210,680
2013		\$3,392,657	\$11,279,373	\$35,427,278	\$253,252	\$142,384	\$8,789	\$75,577	\$26,812	\$43,174,916	\$2,413	\$18,223	\$2,057	\$141,572	\$30,924	\$27,950	\$12,688,278	\$1,867	\$106,694,321
1/1/2013		\$257,146	\$931,000	\$2,817,982	\$32,439	\$12,141	\$774	\$6,502	\$2,444	\$3,756,465	\$211	\$1,588	\$173	\$12,329	\$1,008	\$2,426	\$1,015,868	\$161	\$8,850,657
2/1/2013		\$248,075	\$925,916	\$2,799,864	\$31,232	\$12,140	\$768	\$6,587	\$2,364	\$3,501,471	\$211	\$1,587	\$172	\$12,092	\$799	\$1,995	\$972,747	\$161	\$8,518,179
3/1/2013		\$238,975	\$946,179	\$2,721,733	\$28,538	\$12,140	\$764	\$6,464	\$1,918	\$3,368,687	\$211	\$1,587	\$172	\$12,392	\$752	\$2,002	\$950,799	\$162	\$8,293,576
4/1/2013		\$251,850	\$905,203	\$2,949,323	\$35,146	\$11,769	\$728	\$6,351	\$2,100	\$2,932,189	\$198	\$1,496	\$171	\$11,584	\$473	\$1,698	\$1,119,734	\$54	\$8,230,077
5/1/2013		\$227,720	\$912,777	\$2,904,985	\$26,875	\$11,772	\$721	\$6,219	\$1,405	\$2,537,139	\$198	\$1,496	\$171	\$11,689	\$399	\$1,992	\$1,156,321	\$253	\$7,804,135
6/1/2013		\$336,991	\$972,383	\$3,091,322	\$51	\$9,763	\$717	\$6,205	\$2,701	\$3,885,752	\$198	\$1,496	\$171	\$11,683	\$804	\$2,348	\$1,147,810	\$154	\$9,470,548
7/1/2013		\$370,903	\$992,077	\$3,185,128	-\$4	\$13,777	\$712	\$6,177	\$9,153	\$5,013,340	\$152	\$1,493	\$171	\$11,410	\$6,085	\$2,284	\$1,199,794	\$28	\$10,806,680
8/1/2013		\$356,507	\$987,117	\$3,103,419	\$0	\$11,769	\$733	\$6,195	\$2,760	\$4,598,546	\$244	\$1,499	\$171	\$11,960	\$5,351	\$2,174	\$825,796	\$277	\$9,914,528
9/1/2013		\$360,697	\$991,263	\$3,170,232	\$0	\$11,768	\$724	\$6,297	\$2,786	\$4,833,301	\$198	\$1,497	\$171	\$11,685	\$5,584	\$2,259	\$1,078,090	\$153	\$10,476,705
10/1/2013		\$236,130	\$926,037	\$2,922,970	\$26,346	\$11,779	\$719	\$6,152	\$1,312	\$2,713,383	\$198	\$1,495	\$171	\$11,584	\$1,077	\$2,243	\$1,039,459	\$153	\$7,901,210
11/1/2013		\$236,254	\$893,844	\$2,844,492	\$29,911	\$11,780	\$723	\$6,240	\$1,682	\$2,725,639	\$198	\$1,495	\$171	\$11,583	\$3,206	\$2,274	\$987,580	\$155	\$7,757,225
12/1/2013		\$271,408	\$895,568	\$2,915,828	\$42,617	\$11,785	\$707	\$6,179	\$2,187	\$3,309,003	\$196	\$1,495	\$171	\$11,582	\$5,386	\$2,255	\$1,194,281	\$156	\$8,670,802
2014		\$3,464,273	\$11,602,931	\$36,009,684	\$304,206	\$135,362	\$8,686	\$75,219	\$28,497	\$45,156,638	\$2,176	\$18,431	\$1,340	\$142,607	\$61,965	\$24,943	\$13,476,169	\$1,968	\$110,515,095
1/1/2014		\$294,544	\$923,141	\$3,042,775	\$54,442	\$11,217	\$713	\$6,152	\$2,450	\$3,654,881	\$197	\$1,495	\$171	\$11,578	\$9,215	\$2,306	\$989,521	\$155	\$9,004,954
2/1/2014		\$288,829	\$898,775	\$3,016,408	\$57,218	\$12,376	\$708	\$6,118	\$2,444	\$3,532,608	\$197	\$1,495	\$993	\$11,570	\$7,490	\$2,424	\$1,085,804	\$158	\$8,825,615
3/1/2014		\$263,375	\$886,314	\$2,928,460	\$46,531	\$11,792	\$716	\$6,153	\$1,225	\$3,208,696	\$197	\$1,495	-\$879	\$11,575	\$9,907	\$1,668	\$1,181,488	\$163	\$8,553,878
4/1/2014		\$246,212	\$953,764	\$2,914,572	\$29,939	\$12,463	\$731	\$6,343	\$1,871	\$3,031,988	\$181	\$1,550	\$264	\$11,997	\$3,529	\$2,141	\$1,005,045	\$162	\$8,222,752
5/1/2014		\$230,656	\$975,004	\$2,953,226	\$23,086	\$12,468	\$729	\$6,316	\$1,596	\$2,811,884	\$182	\$1,550	\$318	\$12,000	\$3,072	\$1,835	\$1,107,489	\$164	\$8,141,575
6/1/2014		\$336,710	\$1,027,267	\$3,093,436	\$2,024	\$12,468	\$729	\$6,334	\$2,986	\$4,388,770	\$181	\$1,550	\$172	\$11,997	\$5,152	\$2,051	\$1,178,346	\$162	\$10,070,333
7/1/2014		\$355,295	\$1,049,452	\$3,197,231	-\$3	\$12,468	\$729	\$6,397	\$3,236	\$5,324,307	\$181	\$1,550	\$172	\$11,997	\$7,742	\$2,036	\$1,173,439	\$163	\$11,156,391
8/1/2014		\$345,110	\$1,017,976	\$3,087,813	\$0	\$12,468	\$728	\$6,304	\$2,903	\$4,638,868	\$167	\$1,550	\$26	\$11,995	\$6,447	\$2,196	\$1,187,267	\$164	\$10,321,981
9/1/2014		\$360,948	\$1,028,232	\$3,178,227	\$0	\$12,468	\$727	\$6,313	\$3,175	\$5,191,388	\$176	\$1,550	\$26	\$11,963	\$6,239	\$2,080	\$1,151,129	\$163	\$10,954,804
10/1/2014		\$228,954	\$981,467	\$2,885,772	\$22,842	\$7,502	\$611	\$5,245	\$1,418	\$2,805,599	\$171	\$1,549	\$26	\$11,854	\$2,907	\$2,055	\$1,103,199	\$164	\$8,061,334
11/1/2014		\$227,945	\$904,485	\$2,806,056	\$26,085	\$11,318	\$773	\$7,195	\$1,833	\$2,902,218	\$173	\$1,549	\$26	\$12,094	\$1,867	\$2,084	\$1,126,427	\$185	\$8,032,319
12/1/2014		\$275,696	\$957,055	\$2,905,706	\$42,032	\$6,353	\$793	\$6,350	\$2,361	\$3,665,429	\$174	\$1,549	\$26	\$11,986	\$4,400	\$2,068	\$1,187,016	\$166	\$9,069,158
Grand Total		\$9,878,858	\$34,154,402	\$104,013,672	\$722,311	\$423,261	\$26,634	\$230,254	\$83,103	\$133,129,884	\$7,121	\$55,693	\$5,508	\$432,240	\$94,037	\$84,131	\$37,859,025	\$5,753	\$321,305,885

ACTUAL JANUARY 2012 THROUGH DECEMBER 2014

ACTUAL JANUARY 2015

TOTAL JANUARY 2012 THROUGH JANUARY 2015

\$321,305,885

\$10,871,917

\$332,127,802

ESSC THREE YEAR REVENUE TARGET INCLUDING CAT

\$330,860,244

ESSC OVER COLLECTION

\$1,267,558

0.38%





### Duke Energy Ohio Calculation of Allocation Percentages

Revenue Requirements	Yearly requirement 2011 From Ex 1 to B-1 pg2	Yearly requirement 2012 From Ex 1 to B-1 pg2	Collected 2013 Billed	Collected 2013 Total	Collected 2012 Billed	Collected 2012 Total	Difference 2013	Difference 2012
Rates RS ORH TD CUR	\$46,215,480	\$46,215,480	\$43,232,651	\$43,232,651	\$44,960,499	\$44,960,499	\$2,982,829	\$1,254,99
Rates DS	\$35,395,380	\$35,395,380	\$35,427,278	\$35,427,278	\$32,576,710	\$32,576,710	(\$31,897)	\$2,818,670
Rate GS-FL SPL	\$149,965	\$149,965	\$144,441	\$144,441	\$147,626	\$147,626	\$5,224	\$2,339
Rate EH	\$234,064	\$234,064	\$253,252	\$253,252	\$164,853	\$164,853	(\$19,188)	\$69,211
Rate DM	\$3,294,595	\$3,294,595	\$3,392,657	\$3,392,657	\$3,021,928	\$3,021,928	(\$98,062)	\$272,667
Rate DP	\$11,939,483	\$11,939,483	\$11,279,373	\$11,279,373	\$11,272,099	\$11,272,099	\$660,110	\$667,384
Rate TS	\$12,766,951	\$12,766,951	\$12,688,278	\$12,688,278	\$11,694,577	\$11,694,577	\$78,672	\$1,072,374
Lighting	\$290,830	\$290,830	\$276,397	\$276,397	\$291,411	\$291,411	\$14,433	(\$581)
	\$110,286,748	\$110,286,748	\$106,694,327	\$106,694,327	\$104,129,703	\$104,129,703	\$3,592,421	\$6,157,045

	2012-2013 Undercollection	2014 Requirement	Total
2012-2013 Undercollection			
2014 Requirement			
Total			

New Yearly Requirement	% of requirement
\$50,453,289.91	42.03%
\$38,182,154	31.81%
\$157,829	0.13%
\$284,087	0.24%
\$3,469,199	2.89%
\$13,266,976	11.05%
\$13,917,996	11.59%
\$304,683	0.25%
<u>\$120,036,214</u>	<u>99.99%</u>
\$9,749,465.82	
<u>\$110,286,748</u>	
<u>\$120,036,214</u>	

Allocation ESSC Revenues For April 2015

	refund	(\$1,267,558)
	% required	\$ per class
Rates RS ORH TD CUR	42.03%	(\$532,755)
Rate DS	31.81%	(\$403,210)
Rate GS-FL SFL	0.13%	(\$1,548)
Rate EH	0.24%	(\$3,042)
Rate DM	2.89%	(\$36,532)
Rate DP	11.05%	(\$140,065)
Rate TS	11.59%	(\$145,910)
Lighting	0.29%	(\$3,169)

Duke Energy Ohio  
ESSC Revenue Requirement for Rate Design

	2014 Forecast with 2013 Current Rates			Calculation of Rider ESSC Price for April 2015		
	kWh; kW; kVA	ESSC Revenue	% of Rate Group	ESSC True-up	Allocated True-up Revenue	Rates (\$/kWh; kW; kVA)
	April 2014 kW; kVA					
<b>Rate RS, Residential Service</b>		\$46,058,503		(\$532,755)	(\$532,755)	
Summer, First 1000 kWh		\$12,398,626	26.915%			
Summer, Additional kWh		7,817,628	16.973%			
Winter, First 1000 kWh	394,288,996	23,733,157	51.528%		(\$491,413)	-\$0.001246
Winter, Additional kWh	109,817,590	1,514,810	3.289%		(\$31,585)	-\$0.000288
<b>Rate ORH, Optional Residential Service</b>						
Summer, First 1000 kWh		\$4,478	0.010%			
Summer, Additional kWh		4,971	0.011%			
Summer, kWh greater than 150 times demand		3,575	0.008%			
Winter, First 1000 kWh	187,801	10,900	0.024%		(\$213)	-\$0.001136
Winter, Additional kWh	199,645	4,397	0.010%		(\$86)	-\$0.000431
Winter, kWh greater than 150 times demand	115,939	875	0.002%		(\$17)	-\$0.000148
<b>Rate TD, TD-13 Optional Time-of-Day Rate</b>						
Summer, On-Peak kWh		\$673	0.001%			
Summer, Off-Peak kWh		96	0.000%			
Winter, On-Peak kWh	141,674	813	0.002%		(\$1,068)	-\$0.007539
Winter, Off-Peak kWh	481,762	199	0.000%		(\$450)	-\$0.000934
<b>Rate CUR, (Rev. Class 01, 02, 04, 16 &amp; 18 only)</b>						
Summer, First 1000 kWh		\$136,008	0.295%			
Summer, Additional kWh		70,877	0.153%			
Winter, First 1000 kWh	5,513,852	328,532	0.713%		(\$7,227)	-\$0.001311
Winter, Additional kWh	2,215,579	28,088	0.061%		(\$695)	-\$0.000314
<b>Rate DS, Secondary Distribution Voltage</b>						
First 1000 kW (\$ per kW)	1,571,549	\$37,598,274		(\$403,210)	(\$403,210)	
Additional kW (\$ per kW)	128,631	\$22,095,318	58.767%		(\$236,954)	-\$0.150777
Billing Demand Times 300	402,471,406	921,793	2.452%		(\$9,885)	-\$0.076848
Additional kWh	89,002,246	10,560,376	36.068%		(\$145,430)	-\$0.000361
		1,020,227	2.713%		(\$10,941)	-\$0.000123
<b>Rate GS-FL, Optional Unmetered</b>						
kWh Greater Than or Equal to 540 Hours	2,458,136	\$149,302	98.053%	(\$1,648)	(\$1,648)	-\$0.000657
kWh Less Than 540 Hours	5,810	\$146,395	0.232%		(\$4)	-\$0.000689
<b>Rate SFL-ADPL, Optional Unmetered</b>						

Duke Energy Ohio  
ESSC Revenue Requirement for Rate Design

	2014 Forecast with 2013 Current Rates			Calculation of Rider ESSC Price for April 2015		
	kWh; kW; kVA	ESSC Revenue	% of Rate Group	ESSC True-up	Allocated True-up Revenue	Rates (\$/kWh; kW; kVA)
All kWh	43,002	\$2,561	1.715%		(\$28)	-\$0.000651
Rate EH, Optional Electric Space Heating		\$307,167		(\$3,042)	(\$3,042)	
All kWh	7,740,823	\$307,167	100.000%		(\$3,042)	-\$0.000393
Rate DM, Secondary Dist. Service, Small		\$3,521,131		(\$36,632)	(\$36,632)	
Summer, First 2800 kWh	-	\$1,434,302	40.734%			
Summer, Next 3200 kWh	-	33,233	0.944%			
Summer, Additional kWh	-	(1,898)	-0.054%			
Winter, First 2800 kWh	37,380,267	2,023,310	57.462%		(\$35,971)	-\$0.000962
Winter, Next 3200 kWh	4,451,605	35,108	0.997%		(\$711)	-\$0.000160
Winter, Additional kWh	1,147,374	(2,924)	-0.083%		\$50	\$0.000044
Rate DP, Service at Primary Dist.Voltage		\$12,340,778		(\$140,065)	(\$140,065)	
First 1000 kW (\$ per kW)	198,684	\$3,179,261	25.762%		(\$36,084)	-\$0.191240
Additional kW (\$ per kW)	221,898	3,045,517	24.678%		(\$34,566)	-\$0.155774
Billing Demand Times 300	117,210,293	5,144,313	41.685%		(\$58,387)	-\$0.000498
Additional kWh	53,260,562	971,687	7.874%		(\$11,028)	-\$0.000207
Rate TS, Service at Transmission Voltage		\$13,404,555		(\$146,910)	(\$146,910)	
First 50,000 kVA (\$ per kVA)	345,802	\$6,874,007	51.281%		(\$75,337)	-\$0.217882
Additional kVA (\$ per kVA)	181,450	2,124,873	15.852%		(\$23,288)	-\$0.126344
Billing Demand Times 300	150,087,615	2,991,413	22.316%		(\$32,785)	-\$0.000218
Additional kWh	123,397,675	1,414,262	10.551%		(\$15,500)	-\$0.000126
Rate TL, Traffic Lighting Service		\$293,953		(\$3,169)	(\$3,169)	
All kWh	1,154,974	\$33,383	11.357%		(\$380)	-\$0.000329
Rate SL, Street Lighting Service		\$149,169			(\$1,025)	-\$0.000329
Rate OL, Outdoor Lighting Service		80,043			(542)	-\$0.000329
Rate NSU, Street Lighting		3,938			(25)	-\$0.000329
Rate NSP, Private Outdoor Lighting		6,249			(38)	-\$0.000329
Rate SE, Street Lighting Service		19,094			(132)	-\$0.000329
All kWh	402,424		6.496%			
Rate SC, Street Lighting						
Energy Only - All kWh	1,673,126	\$543	0.185%		(\$551)	-\$0.000329
Units - All kWh	14,484	645	0.219%		(5)	-\$0.000329
Rate UOLS, Unmetered Outdoor Lighting						
All kWh	1,430,430	\$1,889	0.643%		(\$471)	-\$0.000329
Totals	1,511,249,562	\$113,673,663		-\$1,267,431	-\$1,267,431	100%
	2,638,014					

Duke Energy Ohio  
Methodology for Calculating Average Riders RC and RE

Month	Auction 1			Auction 2		Auction 3		Auction 4		Auction 5		Average of Auctions		
	Jan 12-May 13	Jan 12-May 14	Jan 12-May 15	Jun 13-May 15	Jun 13-May 15	Jun 13-May 15	Jun 13-May 15	Jun 14-May 15	Jun 14-May 15	Jun 14-May 15	Jun 14-May 15	Total <sup>(1)</sup>	RC <sup>(2)</sup>	RE
Auction 1 Dec 2011 Jan 2012	33%	33%	34%	17%	16%	16%	17%	17%	16%	16%	16%			
	\$49.72	\$51.10	\$57.08									\$52.68	\$3.60	\$49.08
	Feb	51.10	57.08									52.68	3.60	49.08
	Mar	49.72	51.10									52.68	3.60	49.08
	Apr	49.72	51.10									52.68	3.60	49.08
Auction 2 May Jun	49.72	51.10	57.08									52.68	3.60	49.08
	Jun	49.72	51.10									52.68	3.60	49.08
	Jul	49.72	51.10									52.68	3.60	49.08
	Aug	49.72	51.10									52.68	3.60	49.08
	Sep	49.72	51.10									52.68	3.60	49.08
Auction 3 Oct Nov	49.72	51.10	57.08									52.68	3.60	49.08
	Dec	49.72	51.10									52.68	3.60	49.08
	Jan 2013	49.72	51.10									52.68	3.60	49.08
	Feb	49.72	51.10									52.68	3.60	49.08
	Mar	49.72	51.10									52.68	3.60	49.08
Auction 4 Apr May	49.72	51.10	57.08									52.68	3.60	49.08
	May	49.72	51.10									52.68	3.60	49.08
	Jun	51.10	57.08	52.14	50.56							53.22	2.32	\$50.90
	Jul	51.10	57.08	52.14	50.56							53.22	2.32	50.90
	Aug	51.10	57.08	52.14	50.56							53.22	2.32	50.90
Auction 5 Sep Oct	51.10	57.08	57.08	52.14	50.56							53.22	2.32	50.90
	Nov	51.10	57.08	52.14	50.56							53.22	2.32	50.90
	Dec	51.10	57.08	52.14	50.56							53.22	2.32	50.90
	Jan 2014	51.10	57.08	52.14	50.56							53.22	2.32	50.90
	Feb	51.10	57.08	52.14	50.56							53.22	2.32	50.90
Auction 5 Mar Apr	51.10	57.08	57.08	52.14	50.56							53.22	2.32	50.90
	Apr	51.10	57.08	52.14	50.56							53.22	2.32	50.90
	May	51.10	57.08	52.14	50.56							53.22	2.32	50.90
	Jun	57.08	57.08	52.14	50.56	54.16	50.11					53.59	\$10.54	\$43.04
	Jul	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
Auction 5 Aug Sep	57.08	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Oct	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Nov	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Dec	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Jan 2015	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
Auction 5 Feb Mar	57.08	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Apr	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	May	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Jun	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04
	Jul	57.08	57.08	52.14	50.56	54.16	50.11					53.59	10.54	43.04

NOTE: (1) Ultimate prices for each delivery period will be the weighted-average of all tranches auctioned for the applicable delivery period.  
(2) Average capacity prices, BEFORE LOSSES, as calculated on Exhibit 1-B, page 2.

Duke Energy Ohio  
Convert Capacity and Energy Prices for Proposed Delivery Periods

Period	Methodology for Calculating Average Price for Rider RC					
	Underlying Capacity Price		Days in Period	Capacity Cost To Recover <sup>(3)</sup>	Projected MWh in Period <sup>(4)</sup>	Average Capacity Price <sup>(5)</sup>
	Demand <sup>(1)</sup>	FZCP <sup>(2)</sup>				
Jan '12 - May '12	4,655	\$116.16	152	\$82,190,170	9,063,168	\$3.60
Jun '12 - May '13	4,798	16.46	365	28,825,904	21,744,994	2.32
Jun '13 - May '14	4,798	27.73	365	48,562,717	20,924,968	10.54
Jun '14 - May '15	4,798	125.99	365	220,642,507	20,924,968	

Note: <sup>(1)</sup> Reliability Obligation as reported to PJM. (Will need to update future years for any growth).  
<sup>(2)</sup> PJM's Final Zonal Capacity Price. Prices shown for June 2012 through May 2015 are based on the results of the Base Residual Auctions for those delivery periods.  
<sup>(3)</sup> FZCP Prices are at load zone.  
<sup>(4)</sup> Estimated MWh sales, grossed up for T & D losses.  
<sup>(5)</sup> Assumes first delivery period is January 2012 through May 2013.

INCREASED RETAIL MWH BY T&D LOSSES

Duke Energy Ohio  
Allocations of Capacity Costs for Rate Design - June 2014 - May 2015

No.	Description	Allocation of Rider RIC Revenue Requirement <sup>(1)</sup>				Rate (¢/kWh)	%
		Percent of Total	Allocated \$	Allocated \$ Plus CAT <sup>(2)</sup>	Retail kWh Sales <sup>(3)</sup>		
Rate Schedule:							
1	Residential (RS, TD, OPH)	39.12%	\$98,326,016	\$98,560,050	7,116,291,468	1.22	0
2	Electric Space Heating (EH)	0.47%	\$1,029,513	\$1,042,222	69,443,303	1.50	0
3	Secondary Distribution - Small (DM)	3.05%	\$6,731,657	\$6,749,215	527,335,773	1.28	0
4	Unmetered Small Fixed Load (GSFL, ADPL)	0.17%	\$371,873	\$372,341	30,180,210	1.23	0
5	Secondary Distribution (DS)	36.80%	\$90,756,655	\$91,966,780	6,988,586,553	1.27	0
6	Primary Distribution (DP)	2.43%	\$5,920,431	\$5,938,430	473,148,851	1.23	0
7	Transmission Voltage (TS)	10.33%	\$22,892,478	\$22,893,000	3,115,188,371	0.73	0
8	Lossing	0.59%	\$1,291,619	\$1,294,868	122,892,816	1.05	0
9	Total	100.00%	\$220,642,607	\$221,217,678	19,656,678,115	1.12	0

Note: (1) Rider RIC is allocated in the following manner: First, the total amount is allocated to DP and TS based on 1:1 CP allocation. The allocation among all other classes is based on energy.  
(2) Estimated kWh sales for the period June 1, 2014, through May 31, 2015 from Case No. 12-1892-EL-AJR.  
(3) Average Rider RIC rates are shown for comparison only. The actual rates for each class are calculated on Exhibit 2 (Attachment B), page 2.  
(4) Transmission and Distribution losses before not needed for RIC rate design. CAT factor is 1.002668.



DUNE ENERGY CO.  
JUNE 2014 - MAY 2015 CAPACITY PRICES FROM AUCTION<sup>10</sup>

	JUN 2017 - DEC 2017		JAN 2018 - MAY 2018		Allocation Factor	Allocated Cap Cost	JUN 2018 - MAY 2018		Rate (\$/MWh)
	Wht. Lbr. Wht.	Base (Wht. 2017 Rate)	Wht. Lbr. Wht.	Base (Wht. 2018 Rate)			Revenue	Wht. Lbr. Wht.	
Rate R3, R3S <sup>11</sup> and R3L Residential Service						\$65,550,050			
Summer, Additional MWh	1794,320,001	\$75,890,595			34.951%		\$13,236,619		\$0.013000
Winter, First 100 MWh	47,651,040	\$7,653,237			16.805%		\$4,651,404		\$0.017272
Winter, Additional MWh	3,452,735,046	\$145,283,166			51.950%		\$4,652,246		\$0.013000
Winter, Additional MWh	947,268,121	\$254,619			3.283%		2,841,228		\$0.002989
Rate DR1, Optional Residential Service									
Summer, First 100 MWh	704,644	\$27,200			0.010%		\$4,350		\$0.011850
Summer, Additional MWh	625,196	\$6,195			0.011%		\$2,970		\$0.014875
Winter, First 100 MWh	1,715,329	\$6,029			0.023%		20,326		\$0.011850
Winter, Additional MWh	1,223,493	\$6,029			0.009%		8,301		\$0.004897
Winter, MWh greater than 150 times demand	1,088,948	\$3,117			0.002%		1,852		\$0.001541
Rate TD, Optional Time-of-Day Rate									
Summer, On-Peak MWh	38,961	\$4,109			0.001%		\$1,261		\$0.001944
Summer, Off-Peak MWh	101,686	\$65			0.000%		1,102		\$0.001732
Winter, On-Peak MWh	4,839	\$4,350			0.000%		1,373		\$0.001732
Winter, Off-Peak MWh	214,890	\$1,315			0.000%		372		\$0.001732
Rate C1B, First Class (1.0, 0.4, 1.6, 1.8 only)									
Summer, First 100 MWh	19,868,414	\$840,253			0.299%		\$257,668		\$0.013873
Summer, Additional MWh	7,398,823	\$28,634			0.193%		\$34,047		\$0.014117
Winter, First 100 MWh	42,577,249	2,029,851			0.729%		682,102		\$0.013872
Winter, Additional MWh	19,871,069	179,524			0.069%		8,272		\$0.004872
Rate D5, Secondary Distribution Voltage						\$90,985,790			
First 100 MWh per MWh	18,883,803	\$163,515,723			59.723%		\$47,351,618		\$2.5085
Additional MWh	18,883,803	\$163,515,723			59.723%		\$47,351,618		\$2.5085
Rate D6, Secondary Distribution Voltage									
First 100 MWh per MWh	5,098,554,612	100,572,625			2.713%		21,977,029		\$0.004272
Additional MWh	1,267,443,321	7,550,153			0.042%		2,197,029		\$0.001732
Rate G5-F, Optional Demand									
MWh Greater Than or Equal to 500 Hours	29,697,804	\$2,020,832			86.062%		\$395,099		\$0.012533
MWh Less Than 500 Hours	60,460	4,700			0.223%		865		\$0.014300
Rate S1, ADP, Optional Demand									
Additional MWh	617,846	\$55,362			1.715%		\$8,387		\$0.012533
Rate E1, Optional Electric Space Heating									
Additional MWh	89,443,303	\$1,744,624			100.000%		\$1,042,222		\$0.015036
Rate D1L, Secondary Dist. Service, Small						\$5,748,215			
Summer, First 100 MWh	147,445,544	\$10,466,833			40.734%		\$2,146,336		\$0.014466
Summer, Additional MWh	30,645,781	\$244,637			0.344%		\$2,146,336		\$0.002078
Winter, First 100 MWh	6,073,366	(13,981)			-0.054%		(3,630)		\$0.000065
Winter, Additional MWh	292,979,587	14,906,252			57.462%		3,678,228		\$0.012627
Winter, MWh greater than 150 times demand	1,088,948	\$3,117			0.002%		6,504		\$0.000013
Rate DP, Service at Primary Distribution Voltage						\$21,380,183			
First 100 MWh per MWh	3,459,492	\$119,130,079			76.703%		\$6,698,010		\$2.2986
Additional MWh	2,988,571	18,225,888			24.673%		5,209,301		\$1.7879
Rate TS, Service at Transmission Voltage									
First 50,000 MWh (\$ per MWh)	1,643,691,737	30,965,049			41.695%		6,812,423		\$0.005774
Additional MWh	774,534,914	5,946,944			7.874%		1,883,429		\$0.002772
Rate TS, Service at Transmission Voltage						\$22,861,590			
First 50,000 MWh (\$ per MWh)	4,261,406	\$40,372,220			51.281%		\$11,723,860		\$2.7263
Additional MWh	1,625,890	12,462,544			15.693%		3,624,943		\$1.8979
Rate TL, Traffic Lighting Service						\$129,630,098			
Additional MWh	1,394,830,098	6,306,411			10.551%		2,412,072		\$0.001732
Rate SL, Street Lighting Service						\$129,630,098			
Additional MWh	16,180,086	\$185,591			11.426%		\$146,690		\$0.000851
Rate OL, Outdoor Lighting Service									
Additional MWh	39,007,420	\$726,762			51.029%		\$980,246		\$0.010944
Rate NLP, Private Outdoor Lighting									
Additional MWh	20,517,283	\$287,286			28.646%		\$47,446		\$0.010944
Rate SL, Street Lighting Service									
Additional MWh	1,239,795	\$25,306			1.753%		22,701		\$0.010944
Rate SC, Street Lighting									
Energy Only - All MWh	20,986,246	\$2,695			0.166%		\$2,410		\$0.000115
Unlabeled - All MWh	189,037	3,193			0.221%		2,884		\$0.010944
Rate LOLS, Unlabeled Outdoor Lighting									
All MWh	19,985,073,115	\$9,238			0.646%		\$221,217,678		\$0.000501
Totals							\$5,298		
CHECK							\$221,217,678		

Note: <sup>10</sup> Final Quant trade applicable DLT.

DUKE ENERGY OHIO  
JUN 2014 - MAY 2015 RETAIL ENERGY RATES CONVERTED FROM AUCTION PRICE

PLUCO Case No. 16-002-EL-ROR  
Attachment E-1  
Page 5 of 8

Case No. 16-002-EL-ROR  
Attachment E

	June 2013 - Dec 2013	Case No. 12-1032-EL-ROR	June 1, 2014 - May 31, 2015	Case No. 16-002-EL-ROR
	KWH, kWh, KVA	Base Cost + FPP @ 3.144444	Revenue Requirement Plus Losses & CAT	Revenue Allocated Revenue
Rate R9, R9SP, and RSL, Residential Service				
Summer, First 1000 KWH	1,794,222,031	\$131,004,549	\$328,526,015	\$486,008,851
Summer, First 1000 KWH	3,422,725,420	\$273,917,909		48,325,324
Winter, First 1000 KWH	547,289,121	\$251,723,952		148,801,960
Winter, Additional KWH		\$30,620,162		0,047,051
Winter, Additional KWH				0,039,854
Rate D9H, Optional Residential Service				
Summer, First 1000 KWH	704,644	\$20,044		\$32,063
Summer, Additional KWH	823,198	\$20,044		\$0,045,003
Winter, First 1000 KWH	448,301	\$20,044		32,371
Winter, Additional KWH	1,715,309	\$119,342		0,051,943
Winter, Greater than 150 lines demand	1,823,493	\$63,241		22,206
Winter, Greater than 150 lines demand	1,058,948	\$38,144		78,049
Rate T9, Optional Time-of-Day Rate				
Summer, First 1000 KWH	38,961	\$5,347		\$4,420
Summer, Additional KWH	103,690	\$3,880		0,028,544
Winter, First 1000 KWH	63,184	\$6,918		24,534
Winter, Additional KWH	214,380	\$7,878		0,023,548
Rate C9H, 99kw, Class 01, 02, 04, 16 & 18 only				
Summer, First 1000 KWH	18,898,414	\$1,425,112		\$3,486
Summer, Additional KWH	7,588,923	\$665,508		\$0,057,489
Winter, First 1000 KWH	45,512,249	\$3,442,281		2,444
Winter, Additional KWH	10,281,008	\$879,238		4,523
Rate D9H, Secondary Data Service, Small				
Summer, First 2000 KWH	157,485,541	\$15,448,314		\$1,149
Summer, Additional KWH	30,648,761	\$1,194,887		0,023,862
Winter, First 2000 KWH	6,012,369	\$172,453		0,040,394
Winter, Additional KWH	292,674,357	\$23,868,464		0,028,548
Winter, Next 3200 KWH	32,379,848	\$3,602,418		0,043,844
Winter, Additional KWH	7,885,900	\$22,1382		0,027,285
Rate T9, Service at Transmission Voltage				
All KWH				
Totals				
Retail Energy Price Delivered at Transmission Level, Before Losses and CAT				
Notes:				
(1) For purposes of allocating retail energy price among rate blocks for these customer classes, use the 2011 base generation revenue plus fuel (PTC-BG + PTC-FPP).				
(2) Fuel rate is the Q4 2011 rate for PTC-FPP, including transmission adjustments.				
(3) Distribution loss factor is 1.0355. Transmission loss factor is 1.03314. CAT factor is 1.026968.				

\$352,682,035 \$352,682,035 \$0,046,167

\$0,043,041

Duke Energy Ohio  
 Summary Revenue Calculation

Blended Clearing Price Jun 2014 Through May 2015		\$53,585,400
MWh At Bus Jun 2014 Through May 2015	20,924,967,775	20,924,968
Payments To Auction Providers		\$1,121,272,768

Rider RC Revenue	Retail kWh	RE Rate	
Rider RE Revenue	7,116,291,458	\$0.046167	\$328,536,615
Residential (RS, TD, ORH)	89,443,303	\$0.046167	\$3,205,977
Electric Space Heating (EH)	527,335,773	\$0.046167	\$24,345,421
Secondary Distribution - Small (DM)	30,180,210	\$0.046167	\$1,393,325
Unmetered Small Fixed Load (GSFL, ADPL)	6,366,398,533	\$0.046167	\$293,916,436
Secondary Distribution (DS)	2,318,196,851	\$0.046167	\$107,023,790
Primary Distribution (DP)	3,115,139,371	\$0.044593	\$138,882,985
Transmission Voltage (TS)	122,892,816	\$0.046167	\$5,673,572
Lighting			
Total	19,665,878,115		\$902,978,119
Total RC plus RE			\$1,124,195,797
Total RC plus RE excluding CAT			\$1,121,272,863
Difference (RC/RE Revenue excluding CAT minus Payments To Auction Providers)			\$95
% Difference			0.0%

Duke Energy Ohio  
Methodology for Calculating Average Riders RC and RE

Month	Auction 1			Auction 2		Auction 3		Auction 4		Auction 5		Average Price of Delivery Period		
	Jun 15-May 16	Jun 15-May 17	Jun 15-May 18	Jun 16-May 18		Jun 16-May 18		Jun 17-May 18		Jun 17-May 18		Total <sup>(1)</sup>	RC <sup>(2)</sup>	RE
Auction 1	34%	34%	32%	17%		17%		17%		17%				
May 2015	\$58.79	\$57.60	\$59.17									\$58.51	\$11.40	\$47.11
Jun 2015	58.79	57.60	59.17									58.51	\$11.40	47.11
Jul	58.79	57.60	59.17									58.51	\$11.40	47.11
Aug	58.79	57.60	59.17									58.51	\$11.40	47.11
Sep	58.79	57.60	59.17									58.51	\$11.40	47.11
Oct	58.79	57.60	59.17									58.51	\$11.40	47.11
Nov	58.79	57.60	59.17									58.51	\$11.40	47.11
Dec	58.79	57.60	59.17									58.51	\$11.40	47.11
Jan 2016	58.79	57.60	59.17									58.51	\$11.40	47.11
Feb	58.79	57.60	59.17									58.51	\$11.40	47.11
Mar	58.79	57.60	59.17									58.51	\$11.40	47.11
Apr	58.79	57.60	59.17									58.51	\$11.40	47.11
May	58.79	57.60	59.17									58.51	\$11.40	47.11
To Be Determined														
Auction 3														
Jun		57.60	59.17											
Jul		57.60	59.17											
Aug		57.60	59.17											
Sep		57.60	59.17											
Oct		57.60	59.17											
Nov		57.60	59.17											
Dec		57.60	59.17											
Jan 2017		57.60	59.17											
Feb		57.60	59.17											
Mar		57.60	59.17											
Apr		57.60	59.17											
May		57.60	59.17											
Auction 4														
Jun		57.60	59.17											
Jul		57.60	59.17											
Aug		57.60	59.17											
Sep		57.60	59.17											
Oct		57.60	59.17											
Nov		57.60	59.17											
Dec		57.60	59.17											
Jan 2018		57.60	59.17											
Feb		57.60	59.17											
Mar		57.60	59.17											
Apr		57.60	59.17											
May		57.60	59.17											
Auction 5														
Jun		57.60	59.17											
Jul		57.60	59.17											
Aug		57.60	59.17											
Sep		57.60	59.17											
Oct		57.60	59.17											
Nov		57.60	59.17											
Dec		57.60	59.17											
Jan 2018		57.60	59.17											
Feb		57.60	59.17											
Mar		57.60	59.17											
Apr		57.60	59.17											
May		57.60	59.17											
To Be Determined														

NOTE: <sup>(1)</sup> Ultimate prices for each delivery period will be the weighted-average of all tranches auctioned for the applicable delivery period.  
<sup>(2)</sup> Average capacity prices, BEFORE LOSSES, as calculated on page 2.

Duke Energy Ohio  
Convert Capacity and Energy Prices for Proposed Delivery Periods

Period	Methodology for Calculating Average Price for Rider RC					
	Underlying Capacity Price		Days in Period	Capacity Cost		Projected MWh in Period
Demand (MW) <sup>(1)</sup>	FZCP Per MW-Day <sup>(2)</sup>	Total Retail <sup>(3)</sup>		MWh in Period <sup>(4)</sup>		
Jun '15 - May '16	5,049	\$.135.81	366	\$250,967,917	22,014,808	\$11.40
Jun '16 - May '17						
Jun '17 - May '18						

Note: <sup>(1)</sup> Reliability Obligation as reported to PJM.  
<sup>(2)</sup> PJM's Final Zonal Capacity Price at load zone.  
<sup>(3)</sup> Estimated MWh sales, grossed up for T & D losses. Assumes no switching.

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INCREASED RETAIL MWH BY T&D LOSSES  
FROM PAGE 6

Duke Energy Ohio  
 Allocations of Capacity Costs for Rate Design - June 2015 - May 2016

No	Description	Allocation of Rider RC Revenue Requirement			
		Percent of Total	Allocated \$	Allocated \$ Plus CAT <sup>(2)</sup>	PJM SCP Demand <sup>(1)</sup>
		From Page 3a			
Rate Schedule:					
1	Residential (RS, TD, ORH)	46.38%	\$116,386,996	\$116,690,394	1,677,959
3	Secondary Distribution - Small (DM)	3.20%	\$8,032,286	\$8,053,225	115,802
5	Secondary Distribution (DS)	30.59%	\$76,783,238	\$76,983,396	1,106,989
6	Primary Distribution (DP)	9.18%	\$23,039,986	\$23,100,047	332,169
7	Transmission Voltage (TS)	10.61%	\$26,618,662	\$26,688,051	383,763
8	Lighting	0.04%	\$108,748	\$107,027	1,539
9	Total	100.00%	\$250,967,917	\$251,622,140	3,618,221

From Page 2

<sup>(1)</sup> Class demand at the retail level at the time of the five PJM peaks.

<sup>(2)</sup> CAT factor is 1.0026068.

**DUKE ENERGY OHIO**

Coincident Demand (CD) at PJM peak hours, per rate class for Ohio  
Reported at "Customer Meter Level" (-without transmission & distribution losses-)  
Reported at KW level

**OHIO**

	RS	DS	DP	TS	DM	EH*	TL (Traffic Lighting)
	Residential	Distribution Secondary	Distribution Primary	Transmission Service	Small Commercial	Electric Heat (DS)	Calculated below
	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr	CD in KW @ PJM peak hr
<b>Year 2014</b>							
<b>PJM Peak Date/Time (Hour Ending)</b>							
6-17-14 @ 6pm	1,707,304	1,033,689	328,437	372,155	106,576	n/a	n/a
6-18-14 @ 5pm	1,644,147	1,107,641	335,808	403,206	127,791	n/a	n/a
7-1-14 @ 6pm	1,693,940	1,095,174	331,495	363,052	105,002	n/a	n/a
7-22-14 @ 6pm	1,694,623	1,077,371	314,766	355,433	101,374	n/a	n/a
9-5-14 @ 4pm	1,649,783	1,221,071	350,338	424,968	138,264	n/a	n/a
<b>Average</b>	<b>1,677,959</b>	<b>1,106,989</b>	<b>332,169</b>	<b>383,763</b>	<b>115,802</b>	<b>0.00%</b>	<b>1.539</b>
<b>Percent</b>	<b>46.38%</b>	<b>30.58%</b>	<b>9.18%</b>	<b>10.61%</b>	<b>3.20%</b>		<b>0.04%</b>

**Notes:**

Midwest rates are not segregated by Commercial & Industrial customers.

\*EH: October thru May only. During summer months, accounts are represented in DS class.

Traffic lights operate 24 hours per day.

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**CALCULATION OF TRAFFIC LIGHTING COINCIDENT DEMAND**

COMPANY	1
SERV	E

SUM OF USAGE	RATECODE	Grand Total
MONTH	TL	
Jun-14	1,105,772	1,105,772
Jul-14	1,098,012	1,098,012
Sep-14	1,121,516	1,121,516
<b>Grand Total</b>	<b>3,325,300</b>	<b>3,325,300</b>

Average KWH 1,108,433  
Average KW 1,539





DIKE ENERGY OHIO  
JUN 2015 - MAY 2016 RETAIL ENERGY RATES CONVERTED FROM AUCTION PRICE

	June 2015 - May 2016 Forecast		June 1, 2015 - May 31, 2016	
	RE Revenue June 2015 - May 2016 Rates	Allocation Factor	Revenue Requirement Plus Losses & CAT	Allocated Revenue
<b>Rate RS, RS3P, and RSLL Residential Service</b>				
Summer, First 1000 kWh	1,947,691.060		\$390,593,743	\$102,148,544
Summer, Additional kWh	319,546.837	26.152%		\$0.052441
Winter, First 1000 kWh	3,725,529.467	12.689%		\$0.053958
Winter, Additional kWh	1,028,342.193	50.032%		\$0.052441
		9.674%		\$0.039747
<b>Rate ORH, Optional Residential Service</b>				
Summer, First 1000 kWh	781,020	0.010%		\$0.048740
Summer, Additional kWh	650,746	0.009%		\$0.044329
Winter, First 1000 kWh	496,892	0.009%		\$0.044328
Winter, Additional kWh	1,001,237	0.024%		\$0.048738
Winter, kWh greater than 150 times demand	2,021,141	0.019%		\$0.036322
Winter, kWh greater than 150 times demand	1,173,727	0.009%		\$0.036072
<b>Rate TD, Optional Time-of-Day Rate</b>				
Summer, On-Peak kWh	30,692	0.001%		\$0.135310
Summer, Off-Peak kWh	78,638	0.009%		\$0.036072
Winter, On-Peak kWh	48,456	0.001%		\$0.109398
Winter, Off-Peak kWh	165,045	0.022%		\$0.037040
<b>Rate TD-15, Optional Time-of-Day Rate</b>				
Summer, On-Peak kWh	219,681	0.019%		\$0.280256
Winter, On-Peak kWh	495,791	0.022%		\$0.278800
Winter, Off-Peak kWh	8,482,411	0.099%		\$0.040359
<b>Rate CUR, (Rev. Class 01, 04, 16 &amp; 18 only)</b>				
Summer, First 1000 kWh	19,552,126	0.283%		\$0.056574
Summer, Additional kWh	7,567,738	0.107%		\$0.054682
Winter, First 1000 kWh	47,228,501	0.684%		\$0.056574
Winter, Additional kWh	16,572,845	0.160%		\$0.036987
<b>Rate DM, Secondary Dist. Service, Small</b>				
Summer, First 2500 kWh	169,112,929	33.531%	\$28,548,960	\$0.056739
Summer, Next 2500 kWh	32,813,786	2.828%		\$0.024666
Summer, Additional kWh	6,442,886	0.460%		\$0.018055
Winter, First 2500 kWh	313,801,031	59.245%		\$0.054319
Winter, Next 2500 kWh	38,545,439	7.028%		\$0.024666
Winter, Additional kWh	8,417,026	0.529%		\$0.017805
<b>Rate TS, Service at Transmission Voltage</b>				
All kWh				\$0.048795
<b>All Other Rate Classes</b>				
Totals			\$419,142,303	\$0.047107
Retail Energy Price Delivered at Transmission Level Before Losses and CAT			\$419,142,303	\$0.047107

<sup>(1)</sup> Distribution loss factor is 1.03522. Transmission loss factor is 1.03314. CAT factor is 1.0026068.

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Duke Energy Ohio  
Summary Revenue and Cost Calculation - Model Verification

Blended Clearing Price Jun 2015 Through May 2016		\$58,507,000
MWh At Bus Jun 2015 Through May 2016	22,014,807,912	22,014,808
Payments To Auction Providers		\$1,288,020,366

Rider RC Revenue		\$251,622,140
Rider RE Revenue		
Residential (RS, TD, ORH, CUR, TD-13)	7,730,207,417	\$390,593,743
Electric Space Heating (EH)	71,369,348	\$3,606,167
Secondary Distribution - Small (DM)	566,002,109	\$28,548,560
Unmetered Small Fixed Load (GSFL, ADPL)	30,206,561	\$1,526,284
Secondary Distribution (DS)	6,471,750,145	\$327,006,117
Primary Distribution (DP)	2,228,089,288	\$112,581,421
Transmission Voltage (TS)	3,486,739,033	\$170,135,557
Lighting	113,958,003	\$5,758,092
Total	20,697,321,904	\$1,039,755,946

Total RC plus RE		\$1,291,378,086
Total RC plus RE excluding CAT	1,0026068	\$1,288,020,474
Difference (RC/RE Revenue excluding CAT minus Payments To Auction Providers)		\$108
% Difference		0.0%