BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Filing of Report in Support of Staff Review of Select Tariffs of Ohio Edison Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company	)))))))	Case No. 15-1840-EL-RDR

APPLICATION IN SUPPORT OF STAFF'S 2016 ANNUAL REVIEW SUBMITTED BY OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY AND THE TOLEDO EDISON COMPANY

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In its Order in Case No. 12-1230-EL-SSO ("Order"), and continued in Case No. 14-1297-EL-SSO, the Commission clarified that the Companies should file annually an application, in a separate docket, for a review of certain riders approved in that proceeding. Pursuant to the schedule agreed to with the Commission Staff ("Staff") and consistent with the Commission's Order, this application for the review of Rider AER is to be filed during February of each year. Ohio Edison Company, The Cleveland Electric Illuminating Company ("CEI") and The Toledo Edison Company (collectively, "Companies") hereby submit this Report on the Companies' Rider AER for the year ended December 31, 2016.

In accordance with the Order, the Companies submit the following Exhibits:

- Exhibit A: Workpapers
- Exhibit B: Rate Design (Tariff Effective January 1, 2016)
- Exhibit C: Rate Design (Tariff Effective April 1, 2016)
- Exhibit D: Rate Design (Tariff Effective June 1, 2016)
- Exhibit E: Rate Design (Tariff Effective October 1, 2016)
- Exhibit F: 2016 Effective Tariff Sheets

Respectfully submitted,

/s/ Carrie M. Dunn

Carrie M. Dunn (0076952)
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THE OHIO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 453,419.76	$ 426,171.61	$ 375,382.19	$ 373,355.39	$ 358,558.33	$ 11,644.08	$ 25,526.68	$ 14,940.39	$ 20,623.31	$ 48,555.59	$ 52,442.10	$ 64,700.59	2,225,320.02
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		453,419.76	426,171.61	375,382.19	373,355.39	358,558.33	11,644.08	25,526.68	14,940.39	20,623.31	48,555.59	52,442.10	64,700.59	2,225,320.02
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		1,178.89	1,108.05	975.99	970.72	932.25	30.27	66.37	38.85	53.62	126.24	136.35	168.22	5,785.82
6	Total Revenues Excluding CAT	L3 - L5		452,240.87	425,063.56	374,406.20	372,384.67	357,626.08	11,613.81	25,460.31	14,901.54	20,569.69	48,429.35	52,305.75	64,532.37	2,219,534.20
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		75,689.89	70,319.35	70,319.35	82,871.06	77,283.66	1,018.68	73,465.97	74,221.97	73,465.97	73,465.97	33,576.58	29,758.90	735,457.35
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		$ 1,059.00	$ -	$ -	$ 1,122.53	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	2,181.53
21	Total AER Costs After Adj	L13 + L20		$ 76,748.89	$ 70,319.35	$ 70,319.35	$ 83,993.59	$ 77,283.66	$ 1,018.68	$ 73,465.97	$ 74,221.97	$ 73,465.97	$ 73,465.97	$ 33,576.58	$ 29,758.90	$ 737,638.88
22	AER Monthly Principal Bal	L21 - L6		$ (375,491.98)	$ (354,744.21)	$ (304,086.85)	$ (288,391.08)	$ (280,342.42)	$ (10,595.13)	$ 48,005.66	$ 59,320.43	$ 52,896.28	$ 25,036.62	$ (18,729.17)	$ (34,773.47)	$ (1,481,895.32)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 1,181,538.33	$ 824,768.98	$ 501,181.27	$ 208,483.66	$ (74,409.94)	$ (220,404.50)	$ (203,256.61)	$ (151,029.77)	$ (95,988.60)	$ (57,700.41)	$ (54,954.40)	$ (82,094.03)	$ 1,776,133.98
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 1,181,538.33	$ 824,768.98	$ 501,181.27	$ 208,483.66	$ (74,409.94)	$ (220,404.50)	$ (203,256.61)	$ (151,029.77)	$ (95,988.60)	$ (57,700.41)	$ (54,954.40)	$ (82,094.03)	$ 1,776,133.98
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 8,348.75	$ 5,827.82	$ 3,541.35	$ 1,473.15	$ (525.78)	$ (1,557.38)	$ (1,436.21)	$ (1,067.18)	$ (678.26)	$ (407.71)	$ (388.31)	$ (580.08)	$ 12,550.16
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (367,143.23)	$ (348,916.39)	$ (300,545.50)	$ (286,917.93)	$ (280,868.20)	$ (12,152.51)	$ 46,569.45	$ 58,253.25	$ 52,218.02	$ 24,628.91	$ (19,117.48)	$ (35,353.55)	$ (1,469,345.16)
29	Cumulative Principal Balance	L22 + Prev L29	(2,580,540.87)	$ (2,956,032.85)	$ (3,310,777.06)	$ (3,614,863.91)	$ (3,903,254.99)	$ (4,183,597.41)	$ (4,194,192.54)	$ (4,146,186.88)	$ (4,086,866.45)	$ (4,033,970.17)	$ (4,008,933.55)	$ (4,027,662.72)	$ (4,062,436.19)	
30	Cumulative Interest Balance	L27 + Prev L30	3,949,825.19	3,958,173.94	3,964,001.76	3,967,543.11	3,969,016.26	3,968,490.48	3,966,933.10	3,965,496.89	3,964,429.71	3,963,751.45	3,963,343.74	3,962,955.43	3,962,375.35	
31	Total Cum Princ & Int	L29 + L30	1,369,284.32	$ 1,002,141.09	$ 653,224.70	$ 352,679.20	$ 65,761.27	$ (215,106.93)	$ (227,259.44)	$ (180,689.99)	$ (122,436.74)	$ (70,218.72)	$ (45,589.81)	$ (64,707.29)	$ (100,060.84)	
	AER Journal Entry Debit/(Credit)	Account # & Cost Center		Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
32	Deferred AER Principal	407710/406135		$ 375,491.98	$ 354,744.21	$ 304,086.85	$ 288,391.08	$ 280,342.42	$ 10,595.13	$ (48,005.66)	$ (59,320.43)	$ (52,896.28)	$ (25,036.62)	$ 18,729.17	$ 34,773.47	$ 1,481,895.32
33	Deferred AER Interest	407715/406135		$ 189,533.94	$ 193,453.11	$ 197,147.70	$ 200,633.97	$ 204,060.99	$ (1,001,937.62)	$ 1,436.21	$ 1,067.18	$ 678.26	$ 407.71	$ 388.31	$ 2,469,664.71	$ 2,456,534.47
34	Regulatory AER Asset or Liability	182387or 254051		$ (565,025.92)	$ (548,197.32)	$ (501,234.55)	$ (489,025.05)	$ (484,403.41)	$ 991,342.49	$ 46,569.45	$ 58,253.25	$ 52,218.02	$ 24,628.91	$ (19,117.48)	$ (2,504,438.18)	$ (3,938,429.79)

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 310,724.34	$ 273,111.87	$ 264,095.03	$ 261,206.85	$ 250,497.59	$ 23,117.21	$ 35,304.53	$ 34,245.51	$ 26,864.29	$ 31,518.24	$ 36,433.72	$ 48,721.28	$ 1,595,840.46
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		310,724.34	273,111.87	264,095.03	261,206.85	250,497.59	23,117.21	35,304.53	34,245.51	26,864.29	31,518.24	36,433.72	48,721.28	1,595,840.46
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		807.88	710.09	686.65	679.14	651.29	60.10	91.79	89.04	69.85	81.95	94.73	126.68	4,149.19
6	Total Revenues Excluding CAT	L3 - L5		309,916.46	272,401.78	263,408.38	260,527.71	249,846.30	23,057.11	35,212.74	34,156.47	26,794.44	31,436.29	36,338.99	48,594.60	1,591,691.27
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		43,323.19	39,736.38	39,736.38	47,463.47	43,671.80	3,600.06	41,514.48	41,908.99	41,514.49	41,514.48	18,973.60	16,816.30	419,773.62
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 + L20		$ 43,323.19	$ 39,736.38	$ 39,736.38	$ 47,463.47	$ 43,671.80	$ 3,600.06	$ 41,514.48	$ 41,908.99	$ 41,514.49	$ 41,514.48	$ 18,973.60	$ 16,816.30	$ 419,773.62
22	AER Monthly Principal Bal	L21 - L6		$ (266,593.27)	$ (232,665.40)	$ (223,672.00)	$ (213,064.24)	$ (206,174.50)	$ (19,457.05)	$ 6,301.74	$ 7,752.52	$ 14,720.05	$ 10,078.19	$ (17,365.39)	$ (31,778.30)	$ (1,171,917.65)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 959,741.77	$ 716,893.98	$ 493,790.85	$ 278,911.86	$ 71,263.28	$ (41,048.95)	$ (47,916.65)	$ (41,228.10)	$ (30,283.13)	$ (18,097.99)	$ (21,869.48)	$ (46,595.85)	$ 2,273,561.59
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 959,741.77	$ 716,893.98	$ 493,790.85	$ 278,911.86	$ 71,263.28	$ (41,048.95)	$ (47,916.65)	$ (41,228.10)	$ (30,283.13)	$ (18,097.99)	$ (21,869.48)	$ (46,595.85)	$ 2,273,561.59
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 6,781.54	$ 5,065.57	$ 3,489.13	$ 1,970.79	$ 503.55	$ (290.05)	$ (338.58)	$ (291.32)	$ (213.98)	$ (127.88)	$ (154.53)	$ (329.25)	$ 16,064.99
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (259,811.73)	$ (227,599.83)	$ (220,182.87)	$ (211,093.45)	$ (205,670.95)	$ (19,747.10)	$ 5,963.16	$ 7,461.20	$ 14,506.07	$ 9,950.31	$ (17,519.92)	$ (32,107.55)	$ (1,155,852.66)
29	Cumulative Principal Balance	L22 + Prev L29	(2,329,706.86)	$ (2,596,300.13)	$ (2,828,965.53)	$ (3,052,637.53)	$ (3,265,701.77)	$ (3,471,876.27)	$ (3,491,333.32)	$ (3,485,031.58)	$ (3,477,279.06)	$ (3,462,559.01)	$ (3,452,480.82)	$ (3,469,846.21)	$ (3,501,624.51)	
30	Cumulative Interest Balance	L27 + Prev L30	3,422,745.27	3,429,526.81	3,434,592.38	3,438,081.51	3,440,052.30	3,440,555.85	3,440,265.80	3,439,927.22	3,439,635.90	3,439,421.92	3,439,294.04	3,439,139.51	3,438,810.26	
31	Total Cum Princ & Int	L29 + L30	1,093,038.41	$ 833,226.68	$ 605,626.85	$ 385,443.98	$ 174,350.53	$ (31,320.42)	$ (51,067.52)	$ (45,104.36)	$ (37,643.16)	$ (23,137.09)	$ (13,186.78)	$ (30,706.70)	$ (62,814.25)	
	AER Journal Entry Debit/(Credit)	Account # & Cost Center		Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
32	Deferred AER Principal	407710/426135		$ 266,593.27	$ 232,665.40	$ 223,672.00	$ 213,064.24	$ 206,174.50	$ 19,457.05	$ (6,301.74)	$ (7,752.52)	$ (14,720.05)	$ (10,078.19)	$ 17,365.39	$ 31,778.30	$ 1,171,917.65
33	Deferred AER Interest	407715/426135		$ 145,904.17	$ 148,699.01	$ 151,361.95	$ 153,974.47	$ 156,543.62	$ (774,003.75)	$ 338.58	$ 291.32	$ 213.98	$ 127.88	$ 154.53	$ 1,905,467.70	$ 1,889,073.46
34	Regulatory AER Asset or Liability	182387or 254051		$ (412,497.44)	$ (381,364.41)	$ (375,033.95)	$ (367,038.71)	$ (362,718.12)	$ 754,546.70	$ 5,963.16	$ 7,461.20	$ 14,506.07	$ 9,950.31	$ (17,519.92)	$ (1,937,246.00)	$ (3,060,991.11)

THE TOLEDO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 151,801.37	$ 119,949.54	$ 123,270.54	$ 135,508.19	$ 130,593.43	$ 20,040.52	$ 5,753.74	$ 14,618.28	$ 9,331.40	$ 17,753.99	$ 21,540.94	$ 26,434.41	$ 776,596.35
2	Prior Period AER Rev Adj			-	-	-	-	-	-	-	-	-	-	-	-	
3	Total AER Rider Rev	Sum (L1 + L2)		151,801.37	119,949.54	123,270.54	135,508.19	130,593.43	20,040.52	5,753.74	14,618.28	9,331.40	17,753.99	21,540.94	26,434.41	776,596.35
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		394.68	311.87	320.50	352.32	339.54	52.11	14.96	38.01	24.26	46.16	56.01	68.73	2,019.15
6	Total Revenues Excluding CAT	L3 - L5		151,406.69	119,637.67	122,950.04	135,155.87	130,253.89	19,988.41	5,738.78	14,580.27	9,307.14	17,707.83	21,484.93	26,365.68	774,577.20
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		36,843.67	34,229.44	34,229.44	40,339.26	37,619.47	1,633.95	35,761.12	36,110.62	35,761.12	35,761.12	16,344.12	14,485.78	359,119.11
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		489.00	-	-	546.41	-	-	-	-	-	-	-	-	1,035.41
21	Total AER Costs After Adj	L13 + L20		$ 37,332.67	$ 34,229.44	$ 34,229.44	$ 40,885.67	$ 37,619.47	$ 1,633.95	$ 35,761.12	$ 36,110.62	$ 35,761.12	$ 35,761.12	$ 16,344.12	$ 14,485.78	$ 360,154.52
22	AER Monthly Principal Bal	L21 - L6		$ (114,074.02)	$ (85,408.23)	$ (88,720.60)	$ (94,270.20)	$ (92,634.42)	$ (18,354.46)	$ 30,022.34	$ 21,530.35	$ 26,453.98	$ 18,053.29	$ (5,140.81)	$ (11,879.90)	$ (414,422.68)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 309,151.62	$ 211,594.97	$ 126,025.68	$ 35,420.78	$ (57,781.25)	$ (113,683.97)	$ (108,653.32)	$ (83,644.71)	$ (60,243.58)	$ (38,415.62)	$ (32,230.82)	$ (40,968.92)	$ 146,570.84
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 309,151.62	$ 211,594.97	$ 126,025.68	$ 35,420.78	$ (57,781.25)	$ (113,683.97)	$ (108,653.32)	$ (83,644.71)	$ (60,243.58)	$ (38,415.62)	$ (32,230.82)	$ (40,968.92)	$ 146,570.84
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 2,184.47	$ 1,495.13	$ 890.50	$ 250.28	$ (408.28)	$ (803.29)	$ (767.74)	$ (591.03)	$ (425.68)	$ (271.44)	$ (227.74)	$ (289.49)	$ 1,035.69
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (111,889.55)	$ (83,913.10)	$ (87,830.10)	$ (94,019.92)	$ (93,042.70)	$ (19,157.75)	$ 29,254.60	$ 20,939.32	$ 26,028.30	$ 17,781.85	$ (5,368.55)	$ (12,169.39)	$ (413,386.99)
29	Cumulative Principal Balance	L22 + Prev L29	(1,158,741.02)	$ (1,272,815.04)	$ (1,358,223.27)	$ (1,446,943.87)	$ (1,541,214.07)	$ (1,633,848.49)	$ (1,652,202.95)	$ (1,622,180.61)	$ (1,600,650.26)	$ (1,574,196.28)	$ (1,556,142.99)	$ (1,561,283.80)	$ (1,573,163.70)	
30	Cumulative Interest Balance	L27 + Prev L30	1,524,929.65	1,527,114.12	1,528,609.25	1,529,499.75	1,529,750.03	1,529,341.75	1,528,538.46	1,527,770.72	1,527,179.69	1,526,754.01	1,526,482.57	1,526,254.83	1,525,965.34	
31	Total Cum Princ & Int	L29 + L30	366,188.63	$ 254,299.08	$ 170,385.98	$ 82,555.88	$ (11,464.04)	$ (104,506.74)	$ (123,664.49)	$ (94,409.89)	$ (73,470.57)	$ (47,442.27)	$ (29,660.42)	$ (35,028.97)	$ (47,198.36)	

Line No.	AER Journal Entry Debit/(Credit)	Account # & Cost Center		Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
32	Deferred AER Principal	407710/416135		$ 114,074.02	$ 85,408.23	$ 88,720.60	$ 94,270.20	$ 92,634.42	$ 18,354.46	$ (30,022.34)	$ (21,530.35)	$ (26,453.98)	$ (18,053.29)	$ 5,140.81	$ 11,879.90	$ 414,422.68
33	Deferred AER Interest	407715/416135		$ 78,372.32	$ 79,630.87	$ 80,808.74	$ 82,026.25	$ 83,266.17	$ (407,713.16)	$ 767.74	$ 591.03	$ 425.68	$ 271.44	$ 227.74	$ 1,005,438.19	$ 1,004,113.01
34	Regulatory AER Asset or Liability	182387or 254051		$ (192,446.34)	$ (165,039.10)	$ (169,529.34)	$ (176,296.45)	$ (175,900.59)	$ 389,358.70	$ 29,254.60	$ 20,939.32	$ 26,028.30	$ 17,781.85	$ (5,368.55)	$ (1,017,318.09)	$ (1,418,535.69)

Case No. 15-1840-EL-RDR

RIDER AER
2016 Q1 (Recovery through May 2016)

Co	Class	2016 Q1 - May 2016 Rate (¢/kWh)	Loss Factors
(A)	(B)	(C)	(D)
OE	**Overall**	**0.0942**	**0.0539**
	RS	0.0954	0.0670
	GS	0.0954	0.0670
	GP	0.0921	0.0300
	GSU	0.0895	0.0010
	GT	0.0894	0.0000
	STL	0.0954	0.0670
	POL	0.0954	0.0670
	TRF	0.0954	0.0670
CEI	**Overall**	**0.1075**	**0.0492**
	RS	0.1093	0.0670
	GS	0.1093	0.0670
	GP	0.1055	0.0300
	GSU	0.1025	0.0010
	GT	0.1024	0.0000
	STL	0.1093	0.0670
	POL	0.1093	0.0670
	TRF	0.1093	0.0670
TE	**Overall**	**0.0624**	**0.0344**
	RS	0.0643	0.0670
	GS	0.0643	0.0670
	GP	0.0621	0.0300
	GSU	0.0604	0.0010
	GT	0.0603	0.0000
	STL	0.0643	0.0670
	POL	0.0643	0.0670
	TRF	0.0643	0.0670

NOTES

Column (C) Rate Class Rate = $\{(\text{Overall Co Rate})x(1+\text{LOSS})/(1+\text{LOSS}_{AVG})\}$

Column (C) Overall rate source, Pages 2-4, Column C, Line 1

Column (D) Source: Rate Schedule loss factors denoted in the supplier tariff. Overall Company loss factors Pg. 13, Line 9

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

Line No.		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	OE								
1	AER			$ 0.000942	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Oct-15		$ 1,976,321.09	$ 299,805.72	$299,026.23	-	$ 26,575.15	$ 13,002.12	$ 1,716,872.13
3	Nov-15		$ 1,716,872.13	$ 310,434.45	$309,627.32	-	$ 78,730.87	$ 11,315.66	$ 1,497,291.34
4	Dec-15		$ 1,497,291.34	$ 368,607.30	$367,648.92	-	$ 103,944.63	$ 9,648.19	$ 1,243,235.24
5	Jan-16		$ 1,243,235.24	$ 409,506.64	$408,441.92	-	$ 99,440.79	$ 7,693.00	$ 941,927.11
6	Feb-16		$ 941,927.11	$ 372,592.44	$371,623.70	-	$ 99,440.79	$ 5,694.03	$ 675,438.23
7	Mar-16		$ 675,438.23	$ 365,376.28	$364,426.31	-	$ 99,440.79	$ 3,836.45	$ 414,289.16
8	Apr-16		$ 414,289.16	$ 314,793.11	$313,974.64	-	$ 99,440.79	$ 2,169.42	$ 201,924.73
9	May-16		$ 201,924.73	$ 302,863.85	$302,076.41	-	$ 99,440.79	$ 710.89	$ -

NOTES

Column (C), Line 1: Levelized rate ($ / kWh) to be charged from January 2016 through May 2016 so that all expenses are fully recovered and the Rider AER deferred balance is zero as of May 31, 2016.
Column (B), Line 2: Page 6, Line 31 for September 2015 Balance
Column (C), Line 2: Page 5, Line 3 for October 2015
Column (F), Line 2: Page 5, Line 21 for October 2015
Column (A) = Forecasted nonshopping MWh from Page 13, Column D
Column (B) = Column (H), Previous Row
Column (C) = (A)*(C)1*1000 except November and December 2015 see page 11, Line 9, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 6, Line 24 for October 2015
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 12, Column J
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

Line		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	CEI								
1	AER			$ 0.001075	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Oct-15		$ 1,600,807.12	$ 224,447.12	$ 223,863.56	-	$ 15,937.66	$10,576.70	$ 1,403,457.92
3	Nov-15		$ 1,403,457.92	$ 239,379.71	$ 238,757.32	-	$ 41,063.56	$9,218.38	$ 1,214,982.54
4	Dec-15		$ 1,214,982.54	$ 270,941.52	$ 270,237.07	-	$ 54,214.26	$7,821.86	$ 1,006,781.59
5	Jan-16		$ 1,006,781.59	$ 301,056.27	$ 300,273.52	-	$ 56,908.45	$6,254.11	$ 769,670.63
6	Feb-16		$ 769,670.63	$ 273,001.97	$ 272,292.16	-	$ 56,908.45	$4,677.54	$ 558,964.46
7	Mar-16		$ 558,964.46	$ 270,940.21	$ 270,235.76	-	$ 56,908.45	$3,195.96	$ 348,833.11
8	Apr-16		$ 348,833.11	$ 240,665.75	$ 240,040.02	-	$ 56,908.45	$1,817.85	$ 167,519.39
9	May-16		$ 167,519.39	$ 225,604.17	$ 225,017.60	-	$ 56,908.45	$589.76	$ -

NOTES

Column C (1) = Levelized rate ($ / kWh) to be charged from January 2016 through May 2016 so that all expenses are fully recovered and the Rider AER deferred balance is zero as of May 31, 2016.

Column (B), Line 2: Page 8, Line 31 for September 2015 Balance

Column (C), Line 2: Page 7, Line 3 for October 2015

Column (F), Line 2: Page 7, Line 21 for October 2015

Column (A) = Forecasted nonshopping MWh from Page 13, Column E

Column (B) = (H), Previous Row

Column (C) = (A)*(C)1*1000 except November and December 2015 see page 11, Line 18, Columns D and E

Column (D)=(C)*(1-(D)1)

Column (E) = Page 8, Line 24 for October 2015

Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 12, Column K

Column (G) = (B+(F-D)/2+E)*(G Line 1)

Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	TE AER			$ 0.000624	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Oct-15		$ 534,196.31	$ 111,155.73	$110,866.73	-	$ 17,045.91	$ 3,443.16	$ 443,818.65
3	Nov-15		$ 443,818.65	$ 107,537.21	$107,257.62	-	$ 36,332.40	$ 2,885.44	$ 375,778.88
4	Dec-15		$ 375,778.88	$ 118,763.87	$118,455.08	-	$ 47,967.94	$ 2,406.22	$ 307,697.97
5	Jan-16		$ 307,697.97	$ 132,999.02	$132,653.22	-	$ 48,429.01	$ 1,876.63	$ 225,350.39
6	Feb-16		$ 225,350.39	$ 121,046.51	$120,731.79	-	$ 48,429.01	$ 1,336.88	$ 154,384.49
7	Mar-16		$ 154,384.49	$ 119,859.88	$119,548.24	-	$ 48,429.01	$ 839.62	$ 84,104.88
8	Apr-16		$ 84,104.88	$ 109,615.81	$109,330.80	-	$ 48,429.01	$ 379.12	$ 23,582.21
9	May-16		$ 23,582.21	$ 72,282.17	$72,094.24	-	$ 48,429.01	$ 83.02	$ -

Notes

Column C (1) = Levelized rate ($ / kWh) to be charged from January 2016 through May 2016 so that all expenses are fully recovered and the Rider AER deferred balance is zero as of May 31, 2016.

Column (B), Line 2: Page 10, Line 31 for September 2015 Balance

Column (C), Line 2: Page 9, Line 3 for October 2015

Column (F), Line 2: Page 9, Line 21 for October 2015

Column (A) = Forecasted nonshopping MWh from Page 13, Column F

Column (B) = (H), Previous Row

Column (C) = (A)*(C)1*1000 except November and December 2015 see page 11, Line 27, Columns D and E

Column (D)=(C)*(1-(D)1)

Column (E) = Page 10, Line 24 for October 2015

Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 12, Column L

Column (G) = (B+(F-D)/2+E)*(G Line 1)

Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

THE OHIO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2015

Line No.	Description	Source	Prior Yr Balance	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sep 2015	Oct 2015	Nov 2015	Dec 2015	YTD 2015
	Revenues															
1	AER Rider Revenue	Sales Report		$ 588,118.80	$ 557,438.42	$ 518,941.33	$ 379,458.01	$ 392,427.77	$ 423,559.25	$ 398,320.09	$ 396,528.00	$ 358,975.81	$ 299,805.72			4,313,573.20
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		588,118.80	557,438.42	518,941.33	379,458.01	392,427.77	423,559.25	398,320.09	396,528.00	358,975.81	299,805.72	-	-	4,313,573.20
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		1,529.11	1,449.34	1,349.25	986.59	1,020.31	1,101.25	1,035.63	1,030.97	933.34	779.49	-	-	11,215.28
6	Total Revenues Excluding CAT	L3 - L5		586,589.69	555,989.08	517,592.08	378,471.42	391,407.46	422,458.00	397,284.46	395,497.03	358,042.47	299,026.23	-	-	4,302,357.92
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		150,658.22	149,090.87	137,315.23	114,399.32	116,270.70	69,007.49	71,223.21	40,830.24	40,830.24	26,575.15	100,327.97	-	1,016,528.64
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		$ (2,711.17)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	(2,711.17)
21	Total AER Costs After Adj	L13 + L20		$ 147,947.05	$ 149,090.87	$ 137,315.23	$ 114,399.32	$ 116,270.70	$ 69,007.49	$ 71,223.21	$ 40,830.24	$ 40,830.24	$ 26,575.15	$ 100,327.97	$ -	$ 1,013,817.47
22	AER Monthly Principal Bal	L21 - L6		$ (438,642.64)	$ (406,898.21)	$ (380,276.85)	$ (264,072.10)	$ (275,136.76)	$ (353,450.51)	$ (326,061.25)	$ (354,666.79)	$ (317,212.23)	$ (272,451.08)	$ 100,327.97	$ -	$ (3,288,540.45)

Case No. 15-1840-EL-RDR

	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 4,659,945.23	$ 4,270,092.32	$ 3,906,677.26	$ 3,612,107.37	$ 3,368,026.09	$ 3,077,530.92	$ 2,759,520.87	$ 2,438,655.62	$ 2,119,947.65	$ 1,840,095.55	$ 1,767,036.12	$ 1,829,685.98	$ 35,649,320.98
24	Prior Period Int Adj			(1,365.70)	-	-	-	-	-	-	-	-	-	-	-	(1,365.70)
25	Bal. Subject to Int	L23 + L24		$ 4,658,579.53	$ 4,270,092.32	$ 3,906,677.26	$ 3,612,107.37	$ 3,368,026.09	$ 3,077,530.92	$ 2,759,520.87	$ 2,438,655.62	$ 2,119,947.65	$ 1,840,095.55	$ 1,767,036.12	$ 1,829,685.98	$ 35,647,955.28
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 32,917.52	$ 30,172.47	$ 27,604.58	$ 25,523.15	$ 23,798.47	$ 21,745.83	$ 19,498.77	$ 17,231.54	$ 14,979.55	$ 13,002.12	$ 12,485.88	$ 12,928.56	$ 251,888.44
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (405,725.12)	$ (376,725.74)	$ (352,672.27)	$ (238,548.95)	$ (251,338.29)	$ (331,704.68)	$ (306,562.48)	$ (337,435.25)	$ (302,232.68)	$ (259,448.96)	$ 112,813.85	$ 12,928.56	$ (3,036,652.01)
29	Cumulative Principal Balance	L22 + Prev L29	1,176,967.68	$ 738,325.04	$ 331,426.83	$ (48,850.02)	$ (312,922.12)	$ (588,058.88)	$ (941,509.39)	$ (1,267,570.64)	$ (1,622,237.43)	$ (1,939,449.66)	$ (2,211,900.74)	$ (2,111,572.77)	$ (2,111,572.77)	
30	Cumulative Interest Balance	L27 + Prev L30	3,702,298.87	3,735,216.39	3,765,388.86	3,792,993.44	3,818,516.59	3,842,315.06	3,864,060.89	3,883,559.66	3,900,791.20	3,915,770.75	3,928,772.87	3,941,258.75	3,954,187.31	
31	Total Cum Princ & Int	L29 + L30	4,879,266.55	$ 4,473,541.43	$ 4,096,815.69	$ 3,744,143.42	$ 3,505,594.47	$ 3,254,256.18	$ 2,922,551.50	$ 2,615,989.02	$ 2,278,553.77	$ 1,976,321.09	$ 1,716,872.13	$ 1,829,685.98	$ 1,842,614.54	

Case No. 15-1840-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2015

Line No.	Description	Source	Prior Yr Balance	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sep 2015	Oct 2015	Nov 2015	Dec 2015	YTD 2015
	Revenues															
1	AER Rider Revenue	Sales Report		$ 427,258.97	$ 376,977.21	$ 381,933.64	$ 298,614.12	$ 315,559.74	$ 329,365.92	$ 299,229.01	$ 309,572.04	$ 269,343.64	$ 224,447.12			$ 3,232,301.41
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		427,258.97	376,977.21	381,933.64	298,614.12	315,559.74	329,365.92	299,229.01	309,572.04	269,343.64	224,447.12	-	-	3,232,301.41
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		1,110.87	980.14	993.03	776.40	820.46	856.35	778.00	804.89	700.29	583.56	-	-	8,403.99
6	Total Revenues Excluding CAT	L3 - L5		426,148.10	375,997.07	380,940.61	297,837.72	314,739.28	328,509.57	298,451.01	308,767.15	268,643.35	223,863.56	-	-	3,223,897.42
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		78,556.35	74,252.05	68,364.23	56,913.71	57,841.97	37,586.83	38,696.14	22,892.61	22,892.61	15,937.66	-	-	473,934.16
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		(1,355.58)	-	-	-	-	-	-	-	-	-	-	-	(1,355.58)
21	Total AER Costs After Adj	L13 + L20		$ 77,200.77	$ 74,252.05	$ 68,364.23	$ 56,913.71	$ 57,841.97	$ 37,586.83	$ 38,696.14	$ 22,892.61	$ 22,892.61	$ 15,937.66	$ -	$ -	$ 472,578.58
22	AER Monthly Principal Bal	L21 - L6		$ (348,947.33)	$ (301,745.02)	$ (312,576.38)	$ (240,924.01)	$ (256,897.31)	$ (290,922.74)	$ (259,754.87)	$ (285,874.54)	$ (245,750.74)	$ (207,925.90)	$ -	$ -	$ (2,751,318.84)

Case No. 15-1840-EL-RDR

Calculate Interest

23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 3,796,069.54	$ 3,497,541.57	$ 3,215,094.50	$ 2,961,062.16	$ 2,733,074.37	$ 2,478,476.25	$ 2,220,650.35	$ 1,963,526.77	$ 1,711,588.41	$ 1,496,844.17	$ 1,403,457.92	$ 1,413,374.75	$ 28,890,760.76
24	Prior Period Int Adj			(682.60)	-	-	-	-	-	-	-	-	-	-	-	(682.60)
25	Bal. Subject to Int	L23 + L24		$ 3,795,386.94	$ 3,497,541.57	$ 3,215,094.50	$ 2,961,062.16	$ 2,733,074.37	$ 2,478,476.25	$ 2,220,650.35	$ 1,963,526.77	$ 1,711,588.41	$ 1,496,844.17	$ 1,403,457.92	$ 1,413,374.75	$ 28,890,078.16
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 26,818.20	$ 24,713.63	$ 22,717.86	$ 20,922.87	$ 19,311.90	$ 17,512.91	$ 15,691.12	$ 13,874.28	$ 12,094.08	$ 10,576.70	$ 9,916.83	$ 9,986.91	$ 204,137.29

Principal & Interest Balances

28	Monthly Principal & Interest	L22 + L27		$ (322,129.13)	$ (277,031.39)	$ (289,858.52)	$ (220,001.14)	$ (237,585.41)	$ (273,409.83)	$ (244,063.75)	$ (272,000.26)	$ (233,656.66)	$ (197,349.20)	$ 9,916.83	$ 9,986.91	$ (2,547,181.55)
29	Cumulative Principal Balance	L22 + Prev L29	749,324.96	$ 400,377.63	$ 98,632.61	$ (213,943.77)	$ (454,867.78)	$ (711,765.09)	$ (1,002,687.83)	$ (1,262,442.70)	$ (1,548,317.24)	$ (1,794,067.98)	$ (2,001,993.88)	$ (2,001,993.88)	$ (2,001,993.88)	
30	Cumulative Interest Balance	L27 + Prev L30	3,221,218.25	3,248,036.45	3,272,750.08	3,295,467.94	3,316,390.81	3,335,702.71	3,353,215.62	3,368,906.74	3,382,781.02	3,394,875.10	3,405,451.80	3,415,368.63	3,425,355.54	
31	Total Cum Princ & Int	L29 + L30	3,970,543.21	$ 3,648,414.08	$ 3,371,382.69	$ 3,081,524.17	$ 2,861,523.03	$ 2,623,937.62	$ 2,350,527.79	$ 2,106,464.04	$ 1,834,463.78	$ 1,600,807.12	$ 1,403,457.92	$ 1,413,374.75	$ 1,423,361.66	

Case No. 15-1840-EL-RDR

THE TOLEDO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2015

Line No.	Description	Source	Prior Yr Balance	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sep 2015	Oct 2015	Nov 2015	Dec 2015	YTD 2015
	Revenues															
1	AER Rider Revenue	Sales Report		$ 238,869.48	$ 220,601.94	$ 215,421.52	$ 183,153.44	$ 185,512.96	$ 177,176.73	$ 149,100.84	$ 147,575.03	$ 140,530.37	$ 111,155.73			$ 1,769,098.04
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 + L2)		238,869.48	220,601.94	215,421.52	183,153.44	185,512.96	177,176.73	149,100.84	147,575.03	140,530.37	111,155.73	-	-	1,769,098.04
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		621.06	573.57	560.10	476.20	482.33	460.66	387.66	383.70	365.38	289.00	-	-	4,599.66
6	Total Revenues Excluding CAT	L3 - L5		238,248.42	220,028.37	214,861.42	182,677.24	185,030.63	176,716.07	148,713.18	147,191.33	140,164.99	110,866.73	-	-	1,764,498.38
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		69,500.90	64,979.95	59,822.40	49,793.87	50,605.23	33,666.62	34,540.09	20,670.40	20,670.40	17,045.91	-	-	421,295.77
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		(1,187.46)	-	-	-	-	-	-	-	-	-	-	-	(1,187.46)
21	Total AER Costs After Adj	L13 + L20		$ 68,313.44	$ 64,979.95	$ 59,822.40	$ 49,793.87	$ 50,605.23	$ 33,666.62	$ 34,540.09	$ 20,670.40	$ 20,670.40	$ 17,045.91	$ -	$ -	$ 420,108.31
22	AER Monthly Principal Bal	L21 - L6		$ (169,934.98)	$ (155,048.42)	$ (155,039.02)	$ (132,883.37)	$ (134,425.40)	$ (143,049.45)	$ (114,173.09)	$ (126,520.93)	$ (119,494.59)	$ (93,820.82)	$ -	$ -	$ (1,344,390.07)

Case No. 15-1840-EL-RDR

Calculate Interest

23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 1,630,657.65	$ 1,479,683.96	$ 1,335,095.69	$ 1,200,568.29	$ 1,075,397.12	$ 944,258.46	$ 822,319.32	$ 707,782.82	$ 589,776.25	$ 487,285.90	$ 443,818.65	$ 446,954.67	$ 11,163,598.76
24	Prior Period Int Adj			(597.23)	-	-	-	-	-	-	-	-	-	-	-	(597.23)
25	Bal. Subject to Int	L23 + L24		$ 1,630,060.42	$ 1,479,683.96	$ 1,335,095.69	$ 1,200,568.29	$ 1,075,397.12	$ 944,258.46	$ 822,319.32	$ 707,782.82	$ 589,776.25	$ 487,285.90	$ 443,818.65	$ 446,954.67	$ 11,163,001.53
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 11,518.01	$ 10,455.45	$ 9,433.79	$ 8,483.22	$ 7,598.76	$ 6,672.13	$ 5,810.51	$ 5,001.19	$ 4,167.36	$ 3,443.16	$ 3,136.02	$ 3,158.18	$ 78,877.78

Principal & Interest Balances

28	Monthly Principal & Interest	L22 + L27		$ (158,416.97)	$ (144,592.97)	$ (145,605.23)	$ (124,400.15)	$ (126,826.64)	$ (136,377.32)	$ (108,362.58)	$ (121,519.74)	$ (115,327.23)	$ (90,377.66)	$ 3,136.02	$ 3,158.18	$ (1,265,512.29)
29	Cumulative Principal Balance	L22 + Prev L29	268,705.73	$ 98,770.75	$ (56,277.67)	$ (211,316.69)	$ (344,200.06)	$ (478,625.46)	$ (621,674.91)	$ (735,848.00)	$ (862,368.93)	$ (981,863.52)	$ (1,075,684.34)	$ (1,075,684.34)	$ (1,075,684.34)	
30	Cumulative Interest Balance	L27 + Prev L30	1,446,919.41	1,458,437.42	1,468,892.87	1,478,326.66	1,486,809.88	1,494,408.64	1,501,080.77	1,506,891.28	1,511,892.47	1,516,059.83	1,519,502.99	1,522,639.01	1,525,797.19	
31	Total Cum Princ & Int	L29 + L30	1,715,625.14	$ 1,557,208.17	$ 1,412,615.20	$ 1,267,009.97	$ 1,142,609.82	$ 1,015,783.18	$ 879,405.86	$ 771,043.28	$ 649,523.54	$ 534,196.31	$ 443,818.65	$ 446,954.67	$ 450,112.85	

Case No. 15-1840-EL-RDR

ESTIMATED AER REVENUE

			A	B	C	D	E
					Q4 AER		
			Nov-15	Dec-15	¢/kWh	Nov-15	Dec-15
1	OE	RS			0.0866	$ 167,126	$ 222,078
2	OE	GS			0.0866	$ 60,603	$ 65,859
3	OE	GP			0.0836	$ 23,791	$ 23,201
4	OE	GSU			0.0813	$ 8,665	$ 8,663
5	OE	GT			0.0812	$ 40,571	$ 38,918
6	OE	STL			0.0866	$ 8,488	$ 8,662
7	OE	POL			0.0866	$ 341	$ 346
8	OE	TRF			0.0866	$ 848	$ 880
9	OE	TOTAL				$ 310,434	$ 368,607
					Q4 AER		
			Nov-15	Dec-15	¢/kWh	Nov-15	Dec-15
10	CEI	RS			0.1036	$ 100,988	$ 128,095
11	CEI	GS			0.1036	$ 63,947	$ 68,464
12	CEI	GP			0.1001	$ 4,661	$ 4,502
13	CEI	GSU			0.0972	$ 38,950	$ 38,342
14	CEI	GT			0.0971	$ 21,694	$ 22,401
15	CEI	STL			0.1036	$ 7,637	$ 7,633
16	CEI	POL			0.1036	$ 562	$ 570
17	CEI	TRF			0.1036	$ 941	$ 934
18	CEI	TOTAL				$ 239,380	$ 270,942
					Q4 AER		
			Nov-15	Dec-15	¢/kWh	Nov-15	Dec-15
19	TE	RS			0.0600	$ 33,091	$ 44,380
20	TE	GS			0.0600	$ 14,613	$ 15,683
21	TE	GP			0.0579	$ 9,949	$ 9,859
22	TE	GSU			0.0563	$ 1,099	$ 1,077
23	TE	GT			0.0562	$ 46,856	$ 45,834
24	TE	STL			0.0600	$ 1,791	$ 1,790
25	TE	POL			0.0600	$ 69	$ 69
26	TE	TRF			0.0600	$ 68	$ 70
27	TE	TOTAL				$ 107,537	$ 118,764

NOTES

Columns (A) and (B) totals tie to the total forecasted Non Shopped kWh from Page 13

Column (D) = Column (A) * Column (C) / 100

Column (E) = Column (B) * Column (C) / 100

Case No. 15-1840-EL-RDR

Estimated AER Expense

	A	B	C	D	E	F	G	H	I	J	K	L
	OE Estimated REC Expense	CEI Estimated REC Expense	TE Estimated REC Expense	OE Estimated RFP Expense	CEI Estimated RFP Expense	TE Estimated RFP Expense	OE Estimated Audit Expense	CEI Estimated Audit Expense	TE Estimated Audit Expense	OE Estimated Total Expense	CEI Estimated Total Expense	TE Estimated Total Expense
2015.NOV	$ 78,730.87	$ 41,063.56	$ 36,332.40	$ -	$ -	$ -	$ -	$ -	$ -	$ 78,730.87	$ 41,063.56	$ 36,332.40
2015.DEC	$ 78,730.87	$ 41,063.56	$ 36,332.40	$ 25,213.75	$ 13,150.70	$ 11,635.54	$ -	$ -	$ -	$ 103,944.63	$ 54,214.26	$ 47,967.94
2016.JAN	$ 76,981.68	$ 44,055.44	$ 37,491.12	$ -	$ -	$ -	$ 22,459.11	$ 12,853.00	$ 10,937.89	$ 99,440.79	$ 56,908.45	$ 48,429.01
2016.FEB	$ 76,981.68	$ 44,055.44	$ 37,491.12	$ -	$ -	$ -	$ 22,459.11	$ 12,853.00	$ 10,937.89	$ 99,440.79	$ 56,908.45	$ 48,429.01
2016.MAR	$ 76,981.68	$ 44,055.44	$ 37,491.12	$ -	$ -	$ -	$ 22,459.11	$ 12,853.00	$ 10,937.89	$ 99,440.79	$ 56,908.45	$ 48,429.01
2016.APR	$ 76,981.68	$ 44,055.44	$ 37,491.12	$ -	$ -	$ -	$ 22,459.11	$ 12,853.00	$ 10,937.89	$ 99,440.79	$ 56,908.45	$ 48,429.01
2016.MAY	$ 76,981.68	$ 44,055.44	$ 37,491.12	$ -	$ -	$ -	$ 22,459.11	$ 12,853.00	$ 10,937.89	$ 99,440.79	$ 56,908.45	$ 48,429.01

NOTES

Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support
Estimated Audit Expenses includes auditor fees and external legal fees
Estimated RFP Expenses are planned to occur in December 2015
Column J = Column A + Column D + Column G
Column K = Column B + Column E + Column H
Column L = Column C + Column F + Column I

Case No. 15-1840-EL-RDR

Forecasted Nonshopping Sales

		A	B	C	D	E	F	G	H	I
		Retail Sales Level (kWh)			Retail Sales Level (MWh)			kWh Sales + D-Losses		
Line No.	Year.Month	OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh	OE01 kWh	CE01 kWh	TE01 kWh
1	2015.NOV									
2	2015.DEC									
3	2016.JAN									
4	2016.FEB									
5	2016.MAR									
6	2016.APR									
7	2016.MAY									
8	Sum of January 2016-May 2016									
9	**Overall Company Loss Factors**							5.39%	4.92%	3.44%

Source: Forecast as of November 2015

Overall Company Loss Factors:

OE = (Column G, Line 8/ Column A, Line 8)-1

CEI = (Column H, Line 8/ Column B, Line 8)-1

TE = (Column I, Line 8/ Column C, Line 8)-1

*Months used for overall loss factor are January 2016-May 2016

Case No. 15-1840-EL-RDR

RIDER AER
2016 Q2 (Recovery through May 2016)

Co	Class	2016 Q2 - May 2016 Rate (¢/kWh)	Loss Factors
(A)	(B)	(C)	(D)
OE	**Overall**	**0.1004**	**0.0534**
	RS	0.1017	0.0670
	GS	0.1017	0.0670
	GP	0.0982	0.0300
	GSU	0.0954	0.0010
	GT	0.0953	0.0000
	STL	0.1017	0.0670
	POL	0.1017	0.0670
	TRF	0.1017	0.0670
CEI	**Overall**	**0.1191**	**0.0492**
	RS	0.1211	0.0670
	GS	0.1211	0.0670
	GP	0.1169	0.0300
	GSU	0.1136	0.0010
	GT	0.1135	0.0000
	STL	0.1211	0.0670
	POL	0.1211	0.0670
	TRF	0.1211	0.0670
TE	**Overall**	**0.0691**	**0.0360**
	RS	0.0712	0.0670
	GS	0.0712	0.0670
	GP	0.0687	0.0300
	GSU	0.0668	0.0010
	GT	0.0667	0.0000
	STL	0.0712	0.0670
	POL	0.0712	0.0670
	TRF	0.0712	0.0670

NOTES

Column (C) Rate Class Rate = {(Overall Co Rate)x(1+LOSS)/(1+$LOSS_{AVG}$)}

Column (C) Overall rate source, Pages 2-4, Column C, Line 1

Column (D) Source: Rate Schedule loss factors denoted in the supplier tariff. Overall Company loss factors Pg. 13, Line 6

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

Line No.		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	OE								
1	AER			$ 0.001004	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jan-16		$ 1,369,284.32	$ 453,419.76	$452,240.87	-	$ 76,748.89	$ 8,348.75	$ 1,002,141.09
3	Feb-16		$ 1,002,141.09	$ 372,680.50	$371,711.53	-	$ 94,169.10	$ 6,100.57	$ 730,699.23
4	Mar-16		$ 730,699.23	$ 365,173.45	$364,224.00	-	$ 94,169.10	$ 4,209.02	$ 464,853.35
5	Apr-16		$ 464,853.35	$ 335,424.00	$334,551.90	-	$ 94,169.10	$ 2,435.38	$ 226,905.93
6	May-16		$ 226,905.93	$ 322,712.93	$321,873.87	-	$ 94,169.10	$ 798.84	$ -

NOTES

Column (C), Line 1: Levelized rate ($ / kWh) to be charged from April 2016 through May 2016 so that all expenses are fully recovered and the Rider AER deferred balance is zero as of May 31, 2016.
Column (B), Line 2: Page 6, Line 31 for December 2015 Balance
Column (C), Line 2: Page 5, Line 3 for January 2016
Column (F), Line 2: Page 5, Line 21 for January 2016
Column (A) = Forecasted nonshopping MWh from Page 13, Column D
Column (B) = Column (H), Previous Row
Column (C) = (A)*(C)1*1000 except February and March 2016 see page 11, Line 9, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 6, Line 24 for January 2016
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 12, Column J
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	CEI								
1	AER			$ 0.001191	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jan-16		$ 1,093,038.41	$ 310,724.34	$ 309,916.46	-	$ 43,323.19	$6,781.54	$ 833,226.68
3	Feb-16		$ 833,226.68	$ 273,005.69	$ 272,295.87	-	$ 53,213.50	$5,113.56	$ 619,257.88
4	Mar-16		$ 619,257.88	$ 270,678.46	$ 269,974.70	-	$ 53,213.50	$3,609.86	$ 406,106.54
5	Apr-16		$ 406,106.54	$ 266,686.42	$ 265,993.03	-	$ 53,213.50	$2,117.80	$ 195,444.81
6	May-16		$ 195,444.81	$ 249,996.38	$ 249,346.39	-	$ 53,213.50	$688.08	$ -

NOTES

Column C (1) = Levelized rate ($ / kWh) to be charged from April 2016 through May 2016 so that all expenses are fully recovered and the Rider AER deferred balance is zero as of May 31, 2016.
Column (B), Line 2: Page 8, Line 31 for December 2015 Balance
Column (C), Line 2: Page 7, Line 3 for January 2016
Column (F), Line 2: Page 7, Line 21 for January 2016
Column (A) = Forecasted nonshopping MWh from Page 13, Column E
Column (B) = (H), Previous Row
Column (C) = (A)*(C)1*1000 except February and March 2016 see page 11, Line 18, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 8, Line 24 for January 2016
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 12, Column K
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	TE								
1	AER			$ 0.000691	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jan-16		$ 366,188.63	$ 151,801.37	$151,406.69	-	$ 37,332.67	$ 2,184.47	$ 254,299.08
3	Feb-16		$ 254,299.08	$ 120,950.22	$120,635.75	-	$ 45,838.81	$ 1,532.62	$ 181,034.76
4	Mar-16		$ 181,034.76	$ 119,517.16	$119,206.42	-	$ 45,838.81	$ 1,019.98	$ 108,687.14
5	Apr-16		$ 108,687.14	$ 121,434.50	$121,118.77	-	$ 45,838.81	$ 502.02	$ 33,909.20
6	May-16		$ 33,909.20	$ 80,075.58	$79,867.39	-	$ 45,838.81	$ 119.38	$ -

Notes

Column C (1) = Levelized rate ($ / kWh) to be charged from April 2016 through May 2016 so that all expenses are fully recovered and the Rider AER deferred balance is zero as of May 31, 2016.

Column (B), Line 2: Page 10, Line 31 for December 2015 Balance

Column (C), Line 2: Page 9, Line 3 for January 2016

Column (F), Line 2: Page 9, Line 21 for January 2016

Column (A) = Forecasted nonshopping MWh from Page 13, Column F

Column (B) = (H), Previous Row

Column (C) = (A)*(C)1*1000 except February and March 2016 see page 11, Line 27, Columns D and E

Column (D)=(C)*(1-(D)1)

Column (E) = Page 10, Line 24 for January 2016

Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 12, Column L

Column (G) = (B+(F-D)/2+E)*(G Line 1)

Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

THE OHIO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 453,419.76												453,419.76
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		453,419.76	-	-	-	-	-	-	-	-	-	-	-	453,419.76
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		1,178.89	-	-	-	-	-	-	-	-	-	-	-	1,178.89
6	Total Revenues Excluding CAT	L3 - L5		452,240.87	-	-	-	-	-	-	-	-	-	-	-	452,240.87
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		75,689.89	-	-	-	-	-	-	-	-	-	-	-	75,689.89
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		$ 1,059.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	1,059.00
21	Total AER Costs After Adj	L13 + L20		$ 76,748.89	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 76,748.89
22	AER Monthly Principal Bal	L21 - L6		$ (375,491.98)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (375,491.98)

Case No. 15-1840-EL-RDR

	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 1,181,538.33	$ 1,002,141.09	$ 1,009,222.22	$ 1,016,353.38	$ 1,023,534.93	$ 1,030,767.23	$ 1,038,050.63	$ 1,045,385.50	$ 1,052,772.19	$ 1,060,211.08	$ 1,067,702.53	$ 1,075,246.92	$ 12,602,926.03
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 1,181,538.33	$ 1,002,141.09	$ 1,009,222.22	$ 1,016,353.38	$ 1,023,534.93	$ 1,030,767.23	$ 1,038,050.63	$ 1,045,385.50	$ 1,052,772.19	$ 1,060,211.08	$ 1,067,702.53	$ 1,075,246.92	$ 12,602,926.03
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 8,348.75	$ 7,081.13	$ 7,131.16	$ 7,181.55	$ 7,232.30	$ 7,283.40	$ 7,334.87	$ 7,386.69	$ 7,438.89	$ 7,491.45	$ 7,544.39	$ 7,597.69	$ 89,052.27
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (367,143.23)	$ 7,081.13	$ 7,131.16	$ 7,181.55	$ 7,232.30	$ 7,283.40	$ 7,334.87	$ 7,386.69	$ 7,438.89	$ 7,491.45	$ 7,544.39	$ 7,597.69	$ (286,439.71)
29	Cumulative Principal Balance	L22 + Prev L29	(2,580,540.87)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	$ (2,956,032.85)	
30	Cumulative Interest Balance	L27 + Prev L30	3,949,825.19	3,958,173.94	3,965,255.07	3,972,386.23	3,979,567.78	3,986,800.08	3,994,083.48	4,001,418.35	4,008,805.04	4,016,243.93	4,023,735.38	4,031,279.77	4,038,877.46	
31	Total Cum Princ & Int	L29 + L30	1,369,284.32	$ 1,002,141.09	$ 1,009,222.22	$ 1,016,353.38	$ 1,023,534.93	$ 1,030,767.23	$ 1,038,050.63	$ 1,045,385.50	$ 1,052,772.19	$ 1,060,211.08	$ 1,067,702.53	$ 1,075,246.92	$ 1,082,844.61	

Case No. 15-1840-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 310,724.34												$ 310,724.34
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		310,724.34	-	-	-	-	-	-	-	-	-	-	-	310,724.34
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		807.88	-	-	-	-	-	-	-	-	-	-	-	807.88
6	Total Revenues Excluding CAT	L3 - L5		309,916.46	-	-	-	-	-	-	-	-	-	-	-	309,916.46
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		43,323.19	-	-	-	-	-	-	-	-	-	-	-	43,323.19
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 + L20		$ 43,323.19	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,323.19
22	AER Monthly Principal Bal	L21 - L6		$ (266,593.27)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (266,593.27)

Case No. 15-1840-EL-RDR

	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 959,741.77	$ 833,226.68	$ 839,114.26	$ 845,043.44	$ 851,014.52	$ 857,027.79	$ 863,083.55	$ 869,182.10	$ 875,323.74	$ 881,508.78	$ 887,737.52	$ 894,010.27	$ 10,456,014.42
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 959,741.77	$ 833,226.68	$ 839,114.26	$ 845,043.44	$ 851,014.52	$ 857,027.79	$ 863,083.55	$ 869,182.10	$ 875,323.74	$ 881,508.78	$ 887,737.52	$ 894,010.27	$ 10,456,014.42
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 6,781.54	$ 5,887.58	$ 5,929.18	$ 5,971.08	$ 6,013.27	$ 6,055.76	$ 6,098.55	$ 6,141.64	$ 6,185.04	$ 6,228.74	$ 6,272.75	$ 6,317.08	$ 73,882.21
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (259,811.73)	$ 5,887.58	$ 5,929.18	$ 5,971.08	$ 6,013.27	$ 6,055.76	$ 6,098.55	$ 6,141.64	$ 6,185.04	$ 6,228.74	$ 6,272.75	$ 6,317.08	$ (192,711.06)
29	Cumulative Principal Balance	L22 + Prev L29	(2,329,706.86)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	$ (2,596,300.13)	
30	Cumulative Interest Balance	L27 + Prev L30	3,422,745.27	3,429,526.81	3,435,414.39	3,441,343.57	3,447,314.65	3,453,327.92	3,459,383.68	3,465,482.23	3,471,623.87	3,477,808.91	3,484,037.65	3,490,310.40	3,496,627.48	
31	Total Cum Princ & Int	L29 + L30	1,093,038.41	$ 833,226.68	$ 839,114.26	$ 845,043.44	$ 851,014.52	$ 857,027.79	$ 863,083.55	$ 869,182.10	$ 875,323.74	$ 881,508.78	$ 887,737.52	$ 894,010.27	$ 900,327.35	

Case No. 15-1840-EL-RDR

THE TOLEDO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 151,801.37												$ 151,801.37
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 + L2)		151,801.37	-	-	-	-	-	-	-	-	-	-	-	151,801.37
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		394.68	-	-	-	-	-	-	-	-	-	-	-	394.68
6	Total Revenues Excluding CAT	L3 - L5		151,406.69	-	-	-	-	-	-	-	-	-	-	-	151,406.69
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		36,843.67	-	-	-	-	-	-	-	-	-	-	-	36,843.67
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		489.00	-	-	-	-	-	-	-	-	-	-	-	489.00
21	Total AER Costs After Adj	L13 + L20		$ 37,332.67	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 37,332.67
22	AER Monthly Principal Bal	L21 - L6		$ (114,074.02)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (114,074.02)

Case No. 15-1840-EL-RDR

Calculate Interest

23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 309,151.62	$ 254,299.08	$ 256,095.96	$ 257,905.53	$ 259,727.89	$ 261,563.13	$ 263,411.34	$ 265,272.60	$ 267,147.02	$ 269,034.68	$ 270,935.68	$ 272,850.11	$ 3,207,394.64
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 309,151.62	$ 254,299.08	$ 256,095.96	$ 257,905.53	$ 259,727.89	$ 261,563.13	$ 263,411.34	$ 265,272.60	$ 267,147.02	$ 269,034.68	$ 270,935.68	$ 272,850.11	$ 3,207,394.64
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 2,184.47	$ 1,796.88	$ 1,809.57	$ 1,822.36	$ 1,835.24	$ 1,848.21	$ 1,861.26	$ 1,874.42	$ 1,887.66	$ 1,901.00	$ 1,914.43	$ 1,927.96	$ 22,663.46

Principal & Interest Balances

28	Monthly Principal & Interest	L22 + L27		$ (111,889.55)	$ 1,796.88	$ 1,809.57	$ 1,822.36	$ 1,835.24	$ 1,848.21	$ 1,861.26	$ 1,874.42	$ 1,887.66	$ 1,901.00	$ 1,914.43	$ 1,927.96	$ (91,410.56)
29	Cumulative Principal Balance	L22 + Prev L29	(1,158,741.02)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	$ (1,272,815.04)	
30	Cumulative Interest Balance	L27 + Prev L30	1,524,929.65	1,527,114.12	1,528,911.00	1,530,720.57	1,532,542.93	1,534,378.17	1,536,226.38	1,538,087.64	1,539,962.06	1,541,849.72	1,543,750.72	1,545,665.15	1,547,593.11	
31	Total Cum Princ & Int	L29 + L30	366,188.63	$ 254,299.08	$ 256,095.96	$ 257,905.53	$ 259,727.89	$ 261,563.13	$ 263,411.34	$ 265,272.60	$ 267,147.02	$ 269,034.68	$ 270,935.68	$ 272,850.11	$ 274,778.07	

Case No. 15-1840-EL-RDR

ESTIMATED AER REVENUE

			A	B	C	D	E
					Q1 AER		
			Feb-16	Mar-16	¢/kWh	Feb-16	Mar-16
1	OE	RS			0.0954	$ 212,884	$ 200,339
2	OE	GS			0.0954	$ 68,954	$ 70,676
3	OE	GP			0.0921	$ 25,477	$ 26,418
4	OE	GSU			0.0895	$ 9,244	$ 9,584
5	OE	GT			0.0894	$ 45,372	$ 47,526
6	OE	STL			0.0954	$ 9,435	$ 9,293
7	OE	POL			0.0954	$ 366	$ 389
8	OE	TRF			0.0954	$ 949	$ 948
9	OE	TOTAL				$ 372,680	$ 365,173
					Q1 AER		
			Feb-16	Mar-16	¢/kWh	Feb-16	Mar-16
10	CEI	RS			0.1093	$ 122,317	$ 114,713
11	CEI	GS			0.1093	$ 69,388	$ 71,074
12	CEI	GP			0.1055	$ 4,727	$ 5,034
13	CEI	GSU			0.1025	$ 42,207	$ 43,633
14	CEI	GT			0.1024	$ 24,732	$ 26,584
15	CEI	STL			0.1093	$ 8,046	$ 8,042
16	CEI	POL			0.1093	$ 563	$ 604
17	CEI	TRF			0.1093	$ 1,025	$ 994
18	CEI	TOTAL				$ 273,006	$ 270,678
					Q1 AER		
			Feb-16	Mar-16	¢/kWh	Feb-16	Mar-16
19	TE	RS			0.0643	$ 40,581	$ 35,364
20	TE	GS			0.0643	$ 15,729	$ 16,060
21	TE	GP			0.0621	$ 10,687	$ 11,296
22	TE	GSU			0.0604	$ 1,136	$ 1,227
23	TE	GT			0.0603	$ 50,756	$ 53,507
24	TE	STL			0.0643	$ 1,916	$ 1,914
25	TE	POL			0.0643	$ 71	$ 75
26	TE	TRF			0.0643	$ 76	$ 74
27	TE	TOTAL				$ 120,950	$ 119,517

NOTES

Columns (A) and (B) totals tie to the total forecasted Non Shopped kWh from Page 13

Column (D) = Column (A) * Column (C) / 100

Column (E) = Column (B) * Column (C) / 100

Case No. 15-1840-EL-RDR

Estimated AER Expense

	A	B	C	D	E	F	G	H	I	J	K	L
	OE Estimated REC Expense	CEI Estimated REC Expense	TE Estimated REC Expense	OE Estimated RFP Expense	CEI Estimated RFP Expense	TE Estimated RFP Expense	OE Estimated Audit Expense	CEI Estimated Audit Expense	TE Estimated Audit Expense	OE Estimated Total Expense	CEI Estimated Total Expense	TE Estimated Total Expense
2016.FEB	$ 75,689.89	$ 42,771.19	$ 36,843.67	$ -	$ -	$ -	$ 18,479.21	$ 10,442.31	$ 8,995.15	$ 94,169.10	$ 53,213.50	$ 45,838.81
2016.MAR	$ 75,689.89	$ 42,771.19	$ 36,843.67	$ -	$ -	$ -	$ 18,479.21	$ 10,442.31	$ 8,995.15	$ 94,169.10	$ 53,213.50	$ 45,838.81
2016.APR	$ 75,689.89	$ 42,771.19	$ 36,843.67	$ -	$ -	$ -	$ 18,479.21	$ 10,442.31	$ 8,995.15	$ 94,169.10	$ 53,213.50	$ 45,838.81
2016.MAY	$ 75,689.89	$ 42,771.19	$ 36,843.67	$ -	$ -	$ -	$ 18,479.21	$ 10,442.31	$ 8,995.15	$ 94,169.10	$ 53,213.50	$ 45,838.81

NOTES

Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support
Estimated Audit Expenses includes auditor fees and external legal fees
No Estimated RFP Expenses are planned to occur in February-May 2016
Column J = Column A + Column D + Column G
Column K = Column B + Column E + Column H
Column L = Column C + Column F + Column I

Case No. 15-1840-EL-RDR

Forecasted Nonshopping Sales

		A	B	C	D	E	F	G	H	I
		Retail Sales Level (kWh)			Retail Sales Level (MWh)			kWh Sales + D-Losses		
Line No.	Year.Month	OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh	OE01 kWh	CE01 kWh	TE01 kWh
1	2016.FEB									
2	2016.MAR									
3	2016.APR									
4	2016.MAY									
5	Sum of April 2016-May 2016									
6	**Overall Company Loss Factors**							5.34%	4.92%	3.60%

Source: Forecast as of February 2016
Overall Company Loss Factors:
OE = (Column G, Line 5/ Column A, Line 5)-1
CEI = (Column H, Line 5/ Column B, Line 5)-1
TE = (Column I, Line 5/ Column C, Line 5)-1
*Months used for overall loss factor are April 2016-May 2016

Case No. 15-1840-EL-RDR

RIDER AER
2016 Q3 (Recovery from June 2016 through September 2016)

Company		Jun 2016 - Sep 2016 Rate (¢/kWh)
(A)		(B)
OE	**Overall**	**0.0053**
CEI	**Overall**	**0.0131**
TE	**Overall**	**0.0112**

NOTES
Column (B) Overall rate source, Pages 2-4, Column C, Line 1

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	OE								
1	AER			$ 0.000053	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Mar-16		$ 653,224.70	$ 375,382.19	$374,406.20	-	$ 70,319.35	$ 3,541.35	$ 352,679.20
3	Apr-16		$ 352,679.20	$ 366,340.04	$365,387.56	-	$ 75,423.06	$ 1,467.59	$ 64,182.29
4	May-16		$ 64,182.29	$ 357,577.50	$356,647.80	-	$ 75,423.06	$ (540.05)	$ (217,582.50)
5	Jun-16		$ (217,582.50)	$ 19,886.62	$19,834.92	-	$ 75,423.06	$ (1,341.05)	$ (163,335.40)
6	Jul-16		$ (163,335.40)	$ 22,125.38	$22,067.85	-	$ 75,423.06	$ (965.62)	$ (110,945.81)
7	Aug-16		$ (110,945.81)	$ 21,689.21	$21,632.81	-	$ 75,423.06	$ (593.90)	$ (57,749.46)
8	Sep-16		$ (57,749.46)	$ 17,515.83	$17,470.29	-	$ 75,423.06	$ (203.31)	$ -

NOTES

Column (C), Line 1: Rate ($ / kWh) to be charged from June 2016 through September 2016 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of September 30, 2016.
Column (B), Line 2: Page 5, Line 31 for February 2016 Balance
Column (C), Line 2: Page 5, Line 3 for March 2016
Column (F), Line 2: Page 5, Line 21 for March 2016
Column (A) = Forecasted nonshopping MWh from Page 10, Column D
Column (B) = Column (H), Previous Row
Column (C) = (A)*(C)1*1000 except April and May 2016 see page 8, Line 9, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 5, Line 24 for March 2016
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 9, Column J
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

Line		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	CEI								
1	AER			$ 0.000131	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Mar-16		$ 605,626.85	$ 264,095.03	$ 263,408.38	-	$ 39,736.38	$3,489.13	$ 385,443.98
3	Apr-16		$ 385,443.98	$ 271,852.74	$ 271,145.92	-	$ 42,620.41	$1,916.17	$ 158,834.63
4	May-16		$ 158,834.63	$ 256,384.63	$ 255,718.03	-	$ 42,620.41	$369.45	$ (53,893.54)
5	Jun-16		$ (53,893.54)	$ 28,156.96	$ 28,083.76	-	$ 42,620.41	($329.45)	$ (39,686.35)
6	Jul-16		$ (39,686.35)	$ 31,715.04	$ 31,632.58	-	$ 42,620.41	($241.60)	$ (28,940.13)
7	Aug-16		$ (28,940.13)	$ 31,108.48	$ 31,027.59	-	$ 42,620.41	($163.53)	$ (17,510.85)
8	Sep-16		$ (17,510.85)	$ 25,113.20	$ 25,047.91	-	$ 42,620.41	($61.65)	$ -

NOTES

Column (C), Line 1: Rate ($ / kWh) to be charged from June 2016 through September 2016 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of September 30, 2016.
Column (B), Line 2: Page 6, Line 31 for February 2016 Balance
Column (C), Line 2: Page 6, Line 3 for March 2016
Column (F), Line 2: Page 6, Line 21 for March 2016
Column (A) = Forecasted nonshopping MWh from Page 10, Column E
Column (B) = (H), Previous Row
Column (C) = (A)*(C)1*1000 except April and May 2016 see page 8, Line 18, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 6, Line 24 for March 2016
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 9, Column K
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

Line	TE AER	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1				$ 0.000112	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Mar-16		$ 170,385.98	$ 123,270.54	$122,950.04	-	$ 34,229.44	$ 890.50	$ 82,555.88
3	Apr-16		$ 82,555.88	$ 141,716.13	$141,347.67	-	$ 36,713.78	$ 213.67	$ (21,864.34)
4	May-16		$ (21,864.34)	$ 100,714.02	$100,452.16	-	$ 36,713.78	$ (379.68)	$ (85,982.40)
5	Jun-16		$ (85,982.40)	$ 14,366.35	$14,328.99	-	$ 36,713.78	$ (528.47)	$ (64,126.08)
6	Jul-16		$ (64,126.08)	$ 16,680.72	$16,637.35	-	$ 36,713.78	$ (382.18)	$ (44,431.83)
7	Aug-16		$ (44,431.83)	$ 16,160.21	$16,118.19	-	$ 36,713.78	$ (241.19)	$ (24,077.43)
8	Sep-16		$ (24,077.43)	$ 12,584.30	$12,551.58	-	$ 36,713.78	$ (84.77)	$ -

Notes

Column (C), Line 1: Rate ($ / kWh) to be charged from June 2016 through September 2016 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of September 30, 2016.

Column (B), Line 2: Page 7, Line 31 for February 2016 Balance

Column (C), Line 2: Page 7, Line 3 for March 2016

Column (F), Line 2: Page 7, Line 21 for March 2016

Column (A) = Forecasted nonshopping MWh from Page 10, Column F

Column (B) = (H), Previous Row

Column (C) = (A)*(C)1*1000 except April and May 2016 see page 8, Line 27, Columns D and E

Column (D)=(C)*(1-(D)1)

Column (E) = Page 7, Line 24 for March 2016

Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 9, Column L

Column (G) = (B+(F-D)/2+E)*(G Line 1)

Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

THE OHIO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 453,419.76	$ 426,171.61	$ 375,382.19										1,254,973.56
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		453,419.76	426,171.61	375,382.19	-	-	-	-	-	-	-	-	-	1,254,973.56
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		1,178.89	1,108.05	975.99	-	-	-	-	-	-	-	-	-	3,262.93
6	Total Revenues Excluding CAT	L3 - L5		452,240.87	425,063.56	374,406.20	-	-	-	-	-	-	-	-	-	1,251,710.63
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		75,689.89	70,319.35	70,319.35	-	-	-	-	-	-	-	-	-	216,328.59
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		$ 1,059.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	1,059.00
21	Total AER Costs After Adj	L13 + L20		$ 76,748.89	$ 70,319.35	$ 70,319.35	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 217,387.59
22	AER Monthly Principal Bal	L21 - L6		$ (375,491.98)	$ (354,744.21)	$ (304,086.85)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,034,323.04)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 1,181,538.33	$ 824,768.98	$ 501,181.27	$ 352,679.20	$ 355,171.23	$ 357,680.87	$ 360,208.24	$ 362,753.47	$ 365,316.69	$ 367,898.02	$ 370,497.59	$ 373,115.53	$ 5,772,809.42
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 1,181,538.33	$ 824,768.98	$ 501,181.27	$ 352,679.20	$ 355,171.23	$ 357,680.87	$ 360,208.24	$ 362,753.47	$ 365,316.69	$ 367,898.02	$ 370,497.59	$ 373,115.53	$ 5,772,809.42
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 8,348.75	$ 5,827.82	$ 3,541.35	$ 2,492.03	$ 2,509.64	$ 2,527.37	$ 2,545.23	$ 2,563.22	$ 2,581.33	$ 2,599.57	$ 2,617.94	$ 2,636.43	$ 40,790.68
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (367,143.23)	$ (348,916.39)	$ (300,545.50)	$ 2,492.03	$ 2,509.64	$ 2,527.37	$ 2,545.23	$ 2,563.22	$ 2,581.33	$ 2,599.57	$ 2,617.94	$ 2,636.43	$ (993,532.36)
29	Cumulative Principal Balance	L22 + Prev L29	(2,580,540.87)	$ (2,956,032.85)	$ (3,310,777.06)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	$ (3,614,863.91)	
30	Cumulative Interest Balance	L27 + Prev L30	3,949,825.19	3,958,173.94	3,964,001.76	3,967,543.11	3,970,035.14	3,972,544.78	3,975,072.15	3,977,617.38	3,980,180.60	3,982,761.93	3,985,361.50	3,987,979.44	3,990,615.87	
31	Total Cum Princ & Int	L29 + L30	1,369,284.32	$ 1,002,141.09	$ 653,224.70	$ 352,679.20	$ 355,171.23	$ 357,680.87	$ 360,208.24	$ 362,753.47	$ 365,316.69	$ 367,898.02	$ 370,497.59	$ 373,115.53	$ 375,751.96	

Case No. 15-1840-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 310,724.34	$ 273,111.87	$ 264,095.03										$ 847,931.24
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		310,724.34	273,111.87	264,095.03	-	-	-	-	-	-	-	-	-	847,931.24
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		807.88	710.09	686.65	-	-	-	-	-	-	-	-	-	2,204.62
6	Total Revenues Excluding CAT	L3 - L5		309,916.46	272,401.78	263,408.38	-	-	-	-	-	-	-	-	-	845,726.62
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		43,323.19	39,736.38	39,736.38	-	-	-	-	-	-	-	-	-	122,795.95
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 + L20		$ 43,323.19	$ 39,736.38	$ 39,736.38	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 122,795.95
22	AER Monthly Principal Bal	L21 - L6		$ (266,593.27)	$ (232,665.40)	$ (223,672.00)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (722,930.67)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 959,741.77	$ 716,893.98	$ 493,790.85	$ 385,443.98	$ 388,167.53	$ 390,910.32	$ 393,672.49	$ 396,454.18	$ 399,255.53	$ 402,076.67	$ 404,917.74	$ 407,778.89	$ 5,739,103.93
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 959,741.77	$ 716,893.98	$ 493,790.85	$ 385,443.98	$ 388,167.53	$ 390,910.32	$ 393,672.49	$ 396,454.18	$ 399,255.53	$ 402,076.67	$ 404,917.74	$ 407,778.89	$ 5,739,103.93
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 6,781.54	$ 5,065.57	$ 3,489.13	$ 2,723.55	$ 2,742.79	$ 2,762.17	$ 2,781.69	$ 2,801.35	$ 2,821.14	$ 2,841.07	$ 2,861.15	$ 2,881.37	$ 40,552.52
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (259,811.73)	$ (227,599.83)	$ (220,182.87)	$ 2,723.55	$ 2,742.79	$ 2,762.17	$ 2,781.69	$ 2,801.35	$ 2,821.14	$ 2,841.07	$ 2,861.15	$ 2,881.37	$ (682,378.15)
29	Cumulative Principal Balance	L22 + Prev L29	(2,329,706.86)	$ (2,596,300.13)	$ (2,828,965.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	$ (3,052,637.53)	
30	Cumulative Interest Balance	L27 + Prev L30	3,422,745.27	3,429,526.81	3,434,592.38	3,438,081.51	3,440,805.06	3,443,547.85	3,446,310.02	3,449,091.71	3,451,893.06	3,454,714.20	3,457,555.27	3,460,416.42	3,463,297.79	
31	Total Cum Princ & Int	L29 + L30	1,093,038.41	$ 833,226.68	$ 605,626.85	$ 385,443.98	$ 388,167.53	$ 390,910.32	$ 393,672.49	$ 396,454.18	$ 399,255.53	$ 402,076.67	$ 404,917.74	$ 407,778.89	$ 410,660.26	

Case No. 15-1840-EL-RDR

THE TOLEDO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 151,801.37	$ 119,949.54	$ 123,270.54										$ 395,021.45
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 + L2)		151,801.37	119,949.54	123,270.54	-	-	-	-	-	-	-	-	-	395,021.45
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		394.68	311.87	320.50	-	-	-	-	-	-	-	-	-	1,027.05
6	Total Revenues Excluding CAT	L3 - L5		151,406.69	119,637.67	122,950.04	-	-	-	-	-	-	-	-	-	393,994.40
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		36,843.67	34,229.44	34,229.44	-	-	-	-	-	-	-	-	-	105,302.55
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		489.00	-	-	-	-	-	-	-	-	-	-	-	489.00
21	Total AER Costs After Adj	L13 + L20		$ 37,332.67	$ 34,229.44	$ 34,229.44	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 105,791.55
22	AER Monthly Principal Bal	L21 - L6		$ (114,074.02)	$ (85,408.23)	$ (88,720.60)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (288,202.85)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 309,151.62	$ 211,594.97	$ 126,025.68	$ 82,555.88	$ 83,139.22	$ 83,726.68	$ 84,318.29	$ 84,914.08	$ 85,514.08	$ 86,118.32	$ 86,726.83	$ 87,339.64	$ 1,411,125.28
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 309,151.62	$ 211,594.97	$ 126,025.68	$ 82,555.88	$ 83,139.22	$ 83,726.68	$ 84,318.29	$ 84,914.08	$ 85,514.08	$ 86,118.32	$ 86,726.83	$ 87,339.64	$ 1,411,125.28
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 2,184.47	$ 1,495.13	$ 890.50	$ 583.34	$ 587.46	$ 591.61	$ 595.79	$ 600.00	$ 604.24	$ 608.51	$ 612.81	$ 617.14	$ 9,971.00
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (111,889.55)	$ (83,913.10)	$ (87,830.10)	$ 583.34	$ 587.46	$ 591.61	$ 595.79	$ 600.00	$ 604.24	$ 608.51	$ 612.81	$ 617.14	$ (278,231.85)
29	Cumulative Principal Balance	L22 + Prev L29	(1,158,741.02)	$ (1,272,815.04)	$ (1,358,223.27)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	$ (1,446,943.87)	
30	Cumulative Interest Balance	L27 + Prev L30	1,524,929.65	1,527,114.12	1,528,609.25	1,529,499.75	1,530,083.09	1,530,670.55	1,531,262.16	1,531,857.95	1,532,457.95	1,533,062.19	1,533,670.70	1,534,283.51	1,534,900.65	
31	Total Cum Princ & Int	L29 + L30	366,188.63	$ 254,299.08	$ 170,385.98	$ 82,555.88	$ 83,139.22	$ 83,726.68	$ 84,318.29	$ 84,914.08	$ 85,514.08	$ 86,118.32	$ 86,726.83	$ 87,339.64	$ 87,956.78	

Case No. 15-1840-EL-RDR

ESTIMATED AER REVENUE

			A	B	C	D	E
					Q2 AER		
			Apr-16	May-16	¢/kWh	Apr-16	May-16
1	OE	RS			0.1017	$ 214,096	$ 218,657
2	OE	GS			0.1017	$ 71,502	$ 76,874
3	OE	GP			0.0982	$ 22,239	$ 16,472
4	OE	GSU			0.0954	$ 7,860	$ 5,776
5	OE	GT			0.0953	$ 40,114	$ 29,351
6	OE	STL			0.1017	$ 9,091	$ 9,012
7	OE	POL			0.1017	$ 422	$ 435
8	OE	TRF			0.1017	$ 1,016	$ 1,001
9	OE	TOTAL				$ 366,340	$ 357,578

					Q2 AER		
			Apr-16	May-16	¢/kWh	Apr-16	May-16
10	CEI	RS			0.1211	$ 122,737	$ 124,129
11	CEI	GS			0.1211	$ 60,957	$ 65,358
12	CEI	GP			0.1169	$ 5,620	$ 4,068
13	CEI	GSU			0.1136	$ 45,056	$ 33,252
14	CEI	GT			0.1135	$ 28,443	$ 20,578
15	CEI	STL			0.1211	$ 7,447	$ 7,443
16	CEI	POL			0.1211	$ 559	$ 575
17	CEI	TRF			0.1211	$ 1,034	$ 981
18	CEI	TOTAL				$ 271,853	$ 256,385

					Q2 AER		
			Apr-16	May-16	¢/kWh	Apr-16	May-16
19	TE	RS			0.0712	$ 39,822	$ 39,793
20	TE	GS			0.0712	$ 14,926	$ 14,841
21	TE	GP			0.0687	$ 14,172	$ 7,419
22	TE	GSU			0.0668	$ 1,585	$ 811
23	TE	GT			0.0667	$ 68,968	$ 35,617
24	TE	STL			0.0712	$ 2,086	$ 2,084
25	TE	POL			0.0712	$ 74	$ 70
26	TE	TRF			0.0712	$ 82	$ 79
27	TE	TOTAL				$ 141,716	$ 100,714

NOTES

Columns (A) and (B) totals tie to the total forecasted Non Shopped kWh from Page 10
Column (D) = Column (A) * Column (C) / 100
Column (E) = Column (B) * Column (C) / 100

Case No. 15-1840-EL-RDR

Estimated AER Expense

	A	B	C	D	E	F	G	H	I	J	K	L
	OE Estimated REC Expense	CEI Estimated REC Expense	TE Estimated REC Expense	OE Estimated RFP Expense	CEI Estimated RFP Expense	TE Estimated RFP Expense	OE Estimated Audit Expense	CEI Estimated Audit Expense	TE Estimated Audit Expense	OE Estimated Total Expense	CEI Estimated Total Expense	TE Estimated Total Expense
2016.APR	$ 75,423.06	$ 42,620.41	$ 36,713.78	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,423.06	$ 42,620.41	$ 36,713.78
2016.MAY	$ 75,423.06	$ 42,620.41	$ 36,713.78	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,423.06	$ 42,620.41	$ 36,713.78
2016.JUN	$ 75,423.06	$ 42,620.41	$ 36,713.78	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,423.06	$ 42,620.41	$ 36,713.78
2016.JUL	$ 75,423.06	$ 42,620.41	$ 36,713.78	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,423.06	$ 42,620.41	$ 36,713.78
2016.AUG	$ 75,423.06	$ 42,620.41	$ 36,713.78	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,423.06	$ 42,620.41	$ 36,713.78
2016.SEP	$ 75,423.06	$ 42,620.41	$ 36,713.78	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,423.06	$ 42,620.41	$ 36,713.78

NOTES

Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support
Estimated Audit Expenses includes auditor fees and external legal fees
Column J = Column A + Column D + Column G
Column K = Column B + Column E + Column H
Column L = Column C + Column F + Column I

Case No. 15-1840-EL-RDR

Forecasted Nonshopping Sales

		A	B	C	D	E	F
		Retail Sales Level (kWh)			Retail Sales Level (MWh)		
Line No.	Year.Month	OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh
1	2016.APR						
2	2016.MAY						
3	2016.JUN						
4	2016.JUL						
5	2016.AUG						
6	2016.SEP						
7	Sum of June 2016-September 2016						

Source: Forecast as of April 2016

Case No. 15-1840-EL-RDR

RIDER AER
2016 Q4 (Recovery from October 2016 through December 2016)

Company		Oct 2016 - Dec 2016 Rate (¢/kWh)
(A)		(B)
OE	**Overall**	**0.0152**
CEI	**Overall**	**0.0186**
TE	**Overall**	**0.0213**

NOTES
Column (B) Overall rate source, Pages 2-4, Column C, Line 1

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	OE								
1	AER			$ 0.000152	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jul-16		$ (227,259.44)	$ 25,526.68	$25,460.31	-	$ 73,465.97	$ (1,436.21)	$ (180,689.99)
3	Aug-16		$ (180,689.99)	$ 22,033.49	$21,976.20	-	$ 74,228.76	$ (1,092.15)	$ (129,529.58)
4	Sep-16		$ (129,529.58)	$ 17,775.06	$17,728.84	-	$ 74,228.76	$ (715.64)	$ (73,745.30)
5	Oct-16		$ (73,745.30)	$ 50,411.58	$50,280.51	-	$ 79,102.39	$ (419.26)	$ (45,342.67)
6	Nov-16		$ (45,342.67)	$ 53,901.88	$53,761.74	-	$ 86,412.85	$ (205.03)	$ (12,896.60)
7	Dec-16		$ (12,896.60)	$ 66,332.85	$66,160.39	-	$ 79,102.39	$ (45.40)	$ -

NOTES

Column (C), Line 1: Rate ($ / kWh) to be charged from October 2016 through December 2016 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of December 31, 2016.
Column (B), Line 2: Page 5, Line 31 for June 2016 Balance
Column (C), Line 2: Page 5, Line 3 for July 2016
Column (F), Line 2: Page 5, Line 21 for July 2016
Column (A) = Forecasted nonshopping MWh from Page 10, Column D
Column (B) = Column (H), Previous Row
Column (C) = (A)*(C)1*1000 except August and September 2016 see page 8, Line 1, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 5, Line 24 for July 2016
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 9, Column J
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

Line		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	CEI								
1	AER			$ 0.000186	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jul-16		$ (51,067.52)	$ 35,304.53	$ 35,212.74	-	$ 41,514.48	($338.58)	$ (45,104.36)
3	Aug-16		$ (45,104.36)	$ 32,627.62	$ 32,542.79	-	$ 41,945.52	($285.49)	$ (35,987.11)
4	Sep-16		$ (35,987.11)	$ 26,259.42	$ 26,191.15	-	$ 41,945.52	($198.62)	$ (20,431.36)
5	Oct-16		$ (20,431.36)	$ 36,066.29	$ 35,972.52	-	$ 44,699.54	($113.54)	$ (11,817.87)
6	Nov-16		$ (11,817.87)	$ 37,492.90	$ 37,395.41	-	$ 48,830.57	($43.10)	$ (425.82)
7	Dec-16		$ (425.82)	$ 44,387.63	$ 44,272.22	-	$ 44,699.54	($1.50)	$ -

NOTES

Column (C), Line 1: Rate ($ / kWh) to be charged from October 2016 through December 2016 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of December 31, 2016.
Column (B), Line 2: Page 6, Line 31 for June 2016 Balance
Column (C), Line 2: Page 6, Line 3 for July 2016
Column (F), Line 2: Page 6, Line 21 for July 2016
Column (A) = Forecasted nonshopping MWh from Page 10, Column E
Column (B) = (H), Previous Row
Column (C) = (A)*(C)1*1000 except August and September 2016 see page 8, Line 2, Columns D and E
Column (D)=(C)*(1-(D)1)
Column (E) = Page 6, Line 24 for July 2016
Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 9, Column K
Column (G) = (B+(F-D)/2+E)*(G Line 1)
Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	TE AER			$ 0.000213	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jul-16		$ (123,664.49)	$ 5,753.74	$5,738.78	-	$ 35,761.12	$ (767.74)	$ (94,409.89)
3	Aug-16		$ (94,409.89)	$ 14,921.66	$14,882.86	-	$ 36,132.43	$ (592.03)	$ (73,752.35)
4	Sep-16		$ (73,752.35)	$ 11,678.90	$11,648.53	-	$ 36,132.43	$ (434.63)	$ (49,703.09)
5	Oct-16		$ (49,703.09)	$ 21,052.76	$20,998.03	-	$ 38,504.77	$ (289.35)	$ (32,485.70)
6	Nov-16		$ (32,485.70)	$ 21,845.12	$21,788.32	-	$ 42,063.29	$ (157.91)	$ (12,368.64)
7	Dec-16		$ (12,368.64)	$ 26,160.61	$26,092.59	-	$ 38,504.77	$ (43.54)	$ -

Notes

Column (C), Line 1: Rate ($ / kWh) to be charged from October 2016 through December 2016 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of December 31, 2016.

Column (B), Line 2: Page 7, Line 31 for June 2016 Balance

Column (C), Line 2: Page 7, Line 3 for July 2016

Column (F), Line 2: Page 7, Line 21 for July 2016

Column (A) = Forecasted nonshopping MWh from Page 10, Column F

Column (B) = (H), Previous Row

Column (C) = (A)*(C)1*1000 except August and September 2016 see page 8, Line 3, Columns D and E

Column (D)=(C)*(1-(D)1)

Column (E) = Page 7, Line 24 for July 2016

Column (F) = Forecasted REC Expenses based on estimated obligations, current contracted purchases and estimated purchases for open positions. Also, included are estimates for RFP and Audit expenses. Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support. See Page 9, Column L

Column (G) = (B+(F-D)/2+E)*(G Line 1)

Column (H) = (B-D+F+G)

Case No. 15-1840-EL-RDR

THE OHIO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 453,419.76	$ 426,171.61	$ 375,382.19	$ 373,355.39	$ 358,558.33	$ 11,644.08	$ 25,526.68						2,024,058.04
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		453,419.76	426,171.61	375,382.19	373,355.39	358,558.33	11,644.08	25,526.68	-	-	-	-	-	2,024,058.04
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		1,178.89	1,108.05	975.99	970.72	932.25	30.27	66.37	-	-	-	-	-	5,262.54
6	Total Revenues Excluding CAT	L3 - L5		452,240.87	425,063.56	374,406.20	372,384.67	357,626.08	11,613.81	25,460.31	-	-	-	-	-	2,018,795.50
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		75,689.89	70,319.35	70,319.35	82,871.06	77,283.66	1,018.68	73,465.97	-	-	-	-	-	450,967.96
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		$ 1,059.00	$ -	$ -	$ 1,122.53	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	2,181.53
21	Total AER Costs After Adj	L13 + L20		$ 76,748.89	$ 70,319.35	$ 70,319.35	$ 83,993.59	$ 77,283.66	$ 1,018.68	$ 73,465.97	$ -	$ -	$ -	$ -	$ -	$ 453,149.49
22	AER Monthly Principal Bal	L21 - L6		$ (375,491.98)	$ (354,744.21)	$ (304,086.85)	$ (288,391.08)	$ (280,342.42)	$ (10,595.13)	$ 48,005.66	$ -	$ -	$ -	$ -	$ -	$ (1,565,646.01)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 1,181,538.33	$ 824,768.98	$ 501,181.27	$ 208,483.66	$ (74,409.94)	$ (220,404.50)	$ (203,256.61)	$ (180,689.99)	$ (181,966.75)	$ (183,252.53)	$ (184,547.39)	$ (185,851.40)	$ 1,301,593.13
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 1,181,538.33	$ 824,768.98	$ 501,181.27	$ 208,483.66	$ (74,409.94)	$ (220,404.50)	$ (203,256.61)	$ (180,689.99)	$ (181,966.75)	$ (183,252.53)	$ (184,547.39)	$ (185,851.40)	$ 1,301,593.13
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 8,348.75	$ 5,827.82	$ 3,541.35	$ 1,473.15	$ (525.78)	$ (1,557.38)	$ (1,436.21)	$ (1,276.76)	$ (1,285.78)	$ (1,294.86)	$ (1,304.01)	$ (1,313.23)	$ 9,197.06
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (367,143.23)	$ (348,916.39)	$ (300,545.50)	$ (286,917.93)	$ (280,868.20)	$ (12,152.51)	$ 46,569.45	$ (1,276.76)	$ (1,285.78)	$ (1,294.86)	$ (1,304.01)	$ (1,313.23)	$ (1,556,448.95)
29	Cumulative Principal Balance	L22 + Prev L29	(2,580,540.87)	$ (2,956,032.85)	$ (3,310,777.06)	$ (3,614,863.91)	$ (3,903,254.99)	$ (4,183,597.41)	$ (4,194,192.54)	$ (4,146,186.88)	$ (4,146,186.88)	$ (4,146,186.88)	$ (4,146,186.88)	$ (4,146,186.88)	$ (4,146,186.88)	
30	Cumulative Interest Balance	L27 + Prev L30	3,949,825.19	3,958,173.94	3,964,001.76	3,967,543.11	3,969,016.26	3,968,490.48	3,966,933.10	3,965,496.89	3,964,220.13	3,962,934.35	3,961,639.49	3,960,335.48	3,959,022.25	
31	Total Cum Princ & Int	L29 + L30	1,369,284.32	$ 1,002,141.09	$ 653,224.70	$ 352,679.20	$ 65,761.27	$ (215,106.93)	$ (227,259.44)	$ (180,689.99)	$ (181,966.75)	$ (183,252.53)	$ (184,547.39)	$ (185,851.40)	$ (187,164.63)	

Case No. 15-1840-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 310,724.34	$ 273,111.87	$ 264,095.03	$ 261,206.85	$ 250,497.59	$ 23,117.21	$ 35,304.53						$ 1,418,057.42
2	Prior Period AER Rev Adj			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		310,724.34	273,111.87	264,095.03	261,206.85	250,497.59	23,117.21	35,304.53	-	-	-	-	-	1,418,057.42
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		807.88	710.09	686.65	679.14	651.29	60.10	91.79	-	-	-	-	-	3,686.94
6	Total Revenues Excluding CAT	L3 - L5		309,916.46	272,401.78	263,408.38	260,527.71	249,846.30	23,057.11	35,212.74	-	-	-	-	-	1,414,370.48
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		43,323.19	39,736.38	39,736.38	47,463.47	43,671.80	3,600.06	41,514.48	-	-	-	-	-	259,045.76
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 + L20		$ 43,323.19	$ 39,736.38	$ 39,736.38	$ 47,463.47	$ 43,671.80	$ 3,600.06	$ 41,514.48	$ -	$ -	$ -	$ -	$ -	$ 259,045.76
22	AER Monthly Principal Bal	L21 - L6		$ (266,593.27)	$ (232,665.40)	$ (223,672.00)	$ (213,064.24)	$ (206,174.50)	$ (19,457.05)	$ 6,301.74	$ -	$ -	$ -	$ -	$ -	$ (1,155,324.72)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 959,741.77	$ 716,893.98	$ 493,790.85	$ 278,911.86	$ 71,263.28	$ (41,048.95)	$ (47,916.65)	$ (45,104.36)	$ (45,423.07)	$ (45,744.03)	$ (46,067.26)	$ (46,392.77)	$ 2,202,904.65
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 959,741.77	$ 716,893.98	$ 493,790.85	$ 278,911.86	$ 71,263.28	$ (41,048.95)	$ (47,916.65)	$ (45,104.36)	$ (45,423.07)	$ (45,744.03)	$ (46,067.26)	$ (46,392.77)	$ 2,202,904.65
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 6,781.54	$ 5,065.57	$ 3,489.13	$ 1,970.79	$ 503.55	$ (290.05)	$ (338.58)	$ (318.71)	$ (320.96)	$ (323.23)	$ (325.51)	$ (327.81)	$ 15,565.73
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (259,811.73)	$ (227,599.83)	$ (220,182.87)	$ (211,093.45)	$ (205,670.95)	$ (19,747.10)	$ 5,963.16	$ (318.71)	$ (320.96)	$ (323.23)	$ (325.51)	$ (327.81)	$ (1,139,758.99)
29	Cumulative Principal Balance	L22 + Prev L29	(2,329,706.86)	$ (2,596,300.13)	$ (2,828,965.53)	$ (3,052,637.53)	$ (3,265,701.77)	$ (3,471,876.27)	$ (3,491,333.32)	$ (3,485,031.58)	$ (3,485,031.58)	$ (3,485,031.58)	$ (3,485,031.58)	$ (3,485,031.58)	$ (3,485,031.58)	
30	Cumulative Interest Balance	L27 + Prev L30	3,422,745.27	3,429,526.81	3,434,592.38	3,438,081.51	3,440,052.30	3,440,555.85	3,440,265.80	3,439,927.22	3,439,608.51	3,439,287.55	3,438,964.32	3,438,638.81	3,438,311.00	
31	Total Cum Princ & Int	L29 + L30	1,093,038.41	$ 833,226.68	$ 605,626.85	$ 385,443.98	$ 174,350.53	$ (31,320.42)	$ (51,067.52)	$ (45,104.36)	$ (45,423.07)	$ (45,744.03)	$ (46,067.26)	$ (46,392.77)	$ (46,720.58)	

Case No. 15-1840-EL-RDR

THE TOLEDO EDISON COMPANY
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Yr Balance	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	YTD 2016
	Revenues															
1	AER Rider Revenue	Sales Report		$ 151,801.37	$ 119,949.54	$ 123,270.54	$ 135,508.19	$ 130,593.43	$ 20,040.52	$ 5,753.74						$ 686,917.33
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 + L2)		151,801.37	119,949.54	123,270.54	135,508.19	130,593.43	20,040.52	5,753.74	-	-	-	-	-	686,917.33
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		394.68	311.87	320.50	352.32	339.54	52.11	14.96	-	-	-	-	-	1,785.98
6	Total Revenues Excluding CAT	L3 - L5		151,406.69	119,637.67	122,950.04	135,155.87	130,253.89	19,988.41	5,738.78	-	-	-	-	-	685,131.35
	Costs															
	Renewable Energy Resource Costs															
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		36,843.67	34,229.44	34,229.44	40,339.26	37,619.47	1,633.95	35,761.12	-	-	-	-	-	220,656.35
	Prior Period Cost Adjustments															
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		489.00	-	-	546.41	-	-	-	-	-	-	-	-	1,035.41
21	Total AER Costs After Adj	L13 + L20		$ 37,332.67	$ 34,229.44	$ 34,229.44	$ 40,885.67	$ 37,619.47	$ 1,633.95	$ 35,761.12	$ -	$ -	$ -	$ -	$ -	$ 221,691.76
22	AER Monthly Principal Bal	L21 - L6		$ (114,074.02)	$ (85,408.23)	$ (88,720.60)	$ (94,270.20)	$ (92,634.42)	$ (18,354.46)	$ 30,022.34	$ -	$ -	$ -	$ -	$ -	$ (463,439.59)
	Calculate Interest															
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L31		$ 309,151.62	$ 211,594.97	$ 126,025.68	$ 35,420.78	$ (57,781.25)	$ (113,683.97)	$ (108,653.32)	$ (94,409.89)	$ (95,076.99)	$ (95,748.80)	$ (96,425.36)	$ (97,106.70)	$ (76,693.24)
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 + L24		$ 309,151.62	$ 211,594.97	$ 126,025.68	$ 35,420.78	$ (57,781.25)	$ (113,683.97)	$ (108,653.32)	$ (94,409.89)	$ (95,076.99)	$ (95,748.80)	$ (96,425.36)	$ (97,106.70)	$ (76,693.24)
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		$ 2,184.47	$ 1,495.13	$ 890.50	$ 250.28	$ (408.28)	$ (803.29)	$ (767.74)	$ (667.10)	$ (671.81)	$ (676.56)	$ (681.34)	$ (686.16)	$ (541.90)
	Principal & Interest Balances															
28	Monthly Principal & Interest	L22 + L27		$ (111,889.55)	$ (83,913.10)	$ (87,830.10)	$ (94,019.92)	$ (93,042.70)	$ (19,157.75)	$ 29,254.60	$ (667.10)	$ (671.81)	$ (676.56)	$ (681.34)	$ (686.16)	$ (463,981.49)
29	Cumulative Principal Balance	L22 + Prev L29	(1,158,741.02)	$ (1,272,815.04)	$ (1,358,223.27)	$ (1,446,943.87)	$ (1,541,214.07)	$ (1,633,848.49)	$ (1,652,202.95)	$ (1,622,180.61)	$ (1,622,180.61)	$ (1,622,180.61)	$ (1,622,180.61)	$ (1,622,180.61)	$ (1,622,180.61)	
30	Cumulative Interest Balance	L27 + Prev L30	1,524,929.65	1,527,114.12	1,528,609.25	1,529,499.75	1,529,750.03	1,529,341.75	1,528,538.46	1,527,770.72	1,527,103.62	1,526,431.81	1,525,755.25	1,525,073.91	1,524,387.75	
31	Total Cum Princ & Int	L29 + L30	366,188.63	$ 254,299.08	$ 170,385.98	$ 82,555.88	$ (11,464.04)	$ (104,506.74)	$ (123,664.49)	$ (94,409.89)	$ (95,076.99)	$ (95,748.80)	$ (96,425.36)	$ (97,106.70)	$ (97,792.86)	

Case No. 15-1840-EL-RDR

ESTIMATED AER REVENUE

	A	B	C	D	E
			Q3 AER		
	Aug-16	**Sep-16**	¢/kWh	**Aug-16**	**Sep-16**
1 OE			0.0053	$ 22,033	$ 17,775
2 CEI			0.0131	$ 32,628	$ 26,259
3 TE			0.0112	$ 14,922	$ 11,679

NOTES

Columns (A) and (B) totals tie to the total forecasted Non Shopped kWh from Page 10
Column (D) = Column (A) * Column (C) / 100
Column (E) = Column (B) * Column (C) / 100

Case No. 15-1840-EL-RDR

Estimated AER Expense

	A	B	C	D	E	F	G	H	I	J	K	L
	OE Estimated REC Expense	CEI Estimated REC Expense	TE Estimated REC Expense	OE Estimated RFP Expense	CEI Estimated RFP Expense	TE Estimated RFP Expense	OE Estimated Audit Expense	CEI Estimated Audit Expense	TE Estimated Audit Expense	OE Estimated Total Expense	CEI Estimated Total Expense	TE Estimated Total Expense
2016.AUG	$ 74,228.76	$ 41,945.52	$ 36,132.43	$ -	$ -	$ -	$ -	$ -	$ -	$ 74,228.76	$ 41,945.52	$ 36,132.43
2016.SEP	$ 74,228.76	$ 41,945.52	$ 36,132.43	$ -	$ -	$ -	$ -	$ -	$ -	$ 74,228.76	$ 41,945.52	$ 36,132.43
2016.OCT	$ 74,228.76	$ 41,945.52	$ 36,132.43	$ 4,873.64	$ 2,754.02	$ 2,372.35	$ -	$ -	$ -	$ 79,102.39	$ 44,699.54	$ 38,504.77
2016.NOV	$ 74,228.76	$ 41,945.52	$ 36,132.43	$ 12,184.09	$ 6,885.04	$ 5,930.87	$ -	$ -	$ -	$ 86,412.85	$ 48,830.57	$ 42,063.29
2016.DEC	$ 74,228.76	$ 41,945.52	$ 36,132.43	$ 4,873.64	$ 2,754.02	$ 2,372.35	$ -	$ -	$ -	$ 79,102.39	$ 44,699.54	$ 38,504.77

NOTES

Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support
Estimated Audit Expenses includes auditor fees and external legal fees
Column J = Column A + Column D + Column G
Column K = Column B + Column E + Column H
Column L = Column C + Column F + Column I

Case No. 15-1840-EL-RDR

Forecasted Nonshopping Sales

		A	B	C	D	E	F
		Retail Sales Level (kWh)			Retail Sales Level (MWh)		
Line No.	Year.Month	OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh
1	2016.AUG						
2	2016.SEP						
3	2016.OCT						
4	2016.NOV						
5	2016.DEC						
6	Sum of October 2016-December 2016						

Source: Forecast as of August 2016

RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charges will apply, by rate schedule, effective for service rendered beginning January 1, 2016, for all kWhs per kWh:

RATE:

RS	0.1093¢
GS	0.1093¢
GP	0.1055¢
GSU	0.1025¢
GT	0.1024¢
STL	0.1093¢
TRF	0.1093¢
POL	0.1093¢

PROVISIONS:

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs initially deferred by the Company and subsequently fully recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs.

RIDER UPDATES:

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2009.

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RATE:

RS	0.0954¢
GS	0.0954¢
GP	0.0921¢
GSU	0.0895¢
GT	0.0894¢
STL	0.0954¢
TRF	0.0954¢
POL	0.0954¢

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RATE:

RS	0.0643¢
GS	0.0643¢
GP	0.0621¢
GSU	0.0604¢
GT	0.0603¢
STL	0.0643¢
TRF	0.0643¢
POL	0.0643¢

PROVISIONS:

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RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charges will apply, by rate schedule, effective for service rendered beginning April 1, 2016, for all kWhs per kWh:

RATE:

RS	0.1211¢
GS	0.1211¢
GP	0.1169¢
GSU	0.1136¢
GT	0.1135¢
STL	0.1211¢
TRF	0.1211¢
POL	0.1211¢

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Alternative Energy Resource Rider

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RATE:

RS	0.1017¢
GS	0.1017¢
GP	0.0982¢
GSU	0.0954¢
GT	0.0953¢
STL	0.1017¢
TRF	0.1017¢
POL	0.1017¢

PROVISIONS:

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Alternative Energy Resource Rider

APPLICABILITY:

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RATE:

RS	0.0712¢
GS	0.0712¢
GP	0.0687¢
GSU	0.0668¢
GT	0.0667¢
STL	0.0712¢
TRF	0.0712¢
POL	0.0712¢

PROVISIONS:

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RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning June 1, 2016, for all kWhs per kWh:

RATE:

AER charge	0.0131¢

PROVISIONS:

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs. This rider shall be in effect until all costs are fully recovered.

RIDER UPDATES:

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016.

RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning June 1, 2016, for all kWhs per kWh:

RATE:

AER charge	0.0053¢

PROVISIONS:

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs. This rider shall be in effect until all costs are fully recovered.

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The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016.

RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning June 1, 2016, for all kWhs per kWh:

RATE:

AER charge	0.0112¢

PROVISIONS:

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs. This rider shall be in effect until all costs are fully recovered.

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The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016.

RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2016, for all kWhs per kWh:

RATE:

AER charge	0.0186¢

PROVISIONS:

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs. This rider shall be in effect until all costs are fully recovered.

RIDER UPDATES:

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RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2016, for all kWhs per kWh:

RATE:

AER charge	0.0152¢

PROVISIONS:

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The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016.

RIDER AER
Alternative Energy Resource Rider

APPLICABILITY:

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2016, for all kWhs per kWh:

RATE:

AER charge	0.0213¢

PROVISIONS:

The charges set forth in this Rider recover costs incurred by the Company associated with securing compliance with the alternative energy resource requirements in Section 4928.64, Revised Code. The costs recovered through this Rider will be all costs associated with securing compliance with the alternative energy resource requirements including, but not limited to, all Renewable Energy Credits costs, any reasonable costs of administering the request for proposal, and applicable carrying costs. This rider shall be in effect until all costs are fully recovered.

RIDER UPDATES:

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016.