BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Review of the Smart Grid Modernization Initiative Contained in the Tariffs of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company	)))))	Case No. 16-2166-EL-RDR

ADVANCED METERING INFRASTRUCTURE / MODERN GRID RIDER (RIDER AMI) REPORT IN SUPPORT OF STAFF'S 2017 ANNUAL REVIEW SUBMITTED BY OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY AND THE TOLEDO EDISON COMPANY

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ATTORNEY FOR OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY AND THE TOLEDO EDISON COMPANY

In its Order in Case No. 12-1230-EL-SSO, 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 the review of Rider AMI. Pursuant to the schedule agreed to with Commission Staff ("Staff"), the annual review of Rider AMI is to be filed in February of each year. Ohio Edison Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company (collectively, "Companies") submit the following exhibits on the Companies' Advanced Metering Infrastructure ("AMI") Project and Rider AMI for the year ended December 31, 2017:

- Exhibit A: Rider AMI Revenue Requirement Worksheet (Actual Costs through December 31, 2017);
- Exhibit B: Rider AMI - Rate Design (Tariff Effective January 1, 2017);
- Exhibit C: Rider AMI - Rate Design (Tariff Effective April 1, 2017);
- Exhibit D: Rider AMI - Rate Design (Tariff Effective July 1, 2017);
- Exhibit E: Rider AMI - Rate Design (Tariff Effective October 1, 2017).

Respectfully submitted,

/s/ *Carrie M. Dunn-Lucco*

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ATTORNEY FOR OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, AND THE TOLEDO EDISON COMPANY

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Actual	Sep 2017 Actual	Oct 2017 Actual	Nov 2017 Actual	Dec 2017 Actual	YTD 2017 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2017 Costs L44	$ 33,566,987.79	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 163,793.69	$ 12,514.78	$ 11,583.70	$ 2,605.12	$ 1,592.55	$ 647,435.12	$ 34,214,422.91
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL -RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 33,219,344.77	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 163,793.69	$ 12,514.78	$ 11,583.70	$ 2,605.12	$ 1,592.55	$ 647,435.12	$ 33,866,779.89
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 163,793.69	$ 12,514.78	$ 11,583.70	$ 2,605.12	$ 1,592.55	$ 647,435.12	$ 33,866,779.89
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		276,875.99	277,071.23	277,810.51	278,878.83	279,755.86	280,276.86	280,509.71	281,304.89	282,039.51	282,139.92	282,199.04	282,216.53	3,361,078.88	16,641,158.48
9	Monthly Net Spend	L7 - L8		$ (265,329.10)	$ (241,759.41)	$ (135,695.73)	$ (164,596.44)	$ (183,550.46)	$ (251,441.53)	$ (253,461.04)	$ (117,511.20)	$ (269,524.73)	$ (270,556.22)	$ (279,593.92)	$ (280,623.98)	$ (2,713,643.76)	$ 17,225,621.41
10	Accumulated Spend	L7 + Prev L10	$ 33,219,344.77	$ 33,230,891.66	$ 33,266,203.48	$ 33,408,318.26	$ 33,522,600.65	$ 33,618,806.05	$ 33,647,641.38	$ 33,674,690.05	$ 33,838,483.74	$ 33,850,998.52	$ 33,862,582.22	$ 33,865,187.34	$ 33,866,779.89		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	13,280,079.60	13,556,955.59	13,834,026.82	14,111,837.33	14,390,716.16	14,670,472.02	14,950,748.88	15,231,258.59	15,512,563.48	15,794,602.99	16,076,742.91	16,358,941.95	16,641,158.48		
12	Accumulated Net Spend	L10 - L11	$ 19,939,265.17	$ 19,673,936.07	$ 19,432,176.66	$ 19,296,480.93	$ 19,131,884.49	$ 18,948,334.03	$ 18,696,892.50	$ 18,443,431.46	$ 18,325,920.26	$ 18,056,395.53	$ 17,785,839.31	$ 17,506,245.39	$ 17,225,621.41		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,026.82	$ 14,111,837.33	$ 14,390,716.16	$ 14,670,472.02	$ 14,950,748.88	$ 15,231,258.59	$ 15,512,563.48	$ 15,794,602.99	$ 16,076,742.91	$ 16,358,941.95	$ 16,641,158.48		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2017	L10 - Prior Yr L10		11,546.89	46,858.71	188,973.49	303,255.88	399,461.28	428,296.61	455,345.28	619,138.97	631,653.75	643,237.45	645,842.57	647,435.12		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2017 Bonus Only	L14 x L16		$ 5,773.45	$ 23,429.36	$ 94,486.75	$ 151,627.94	$ 199,730.64	$ 214,148.31	$ 227,672.64	$ 309,569.48	$ 315,826.88	$ 321,618.73	$ 322,921.29	$ 323,717.56		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2017 (10 Year Property Half-Year Convention)	L14 - L17		5,773.44	23,429.35	94,486.74	151,627.94	199,730.64	214,148.30	227,672.64	309,569.49	315,826.87	321,618.72	322,921.28	323,717.56		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2017 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		48.11	390.49	2,362.17	5,054.26	8,322.11	10,707.42	13,280.90	20,637.97	23,687.02	26,801.56	29,601.12	32,371.76		
22	Total Accumulated Tax Depreciation - 2017 (Includes Bonus)	L17 + L21		5,821.56	23,819.85	96,848.92	156,682.20	208,052.75	224,855.73	240,953.54	330,207.45	339,513.90	348,420.29	352,522.41	356,089.32		
23	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L14	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2016 Bonus Only	L23 x L25	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
27	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L18	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	31,436.39	4,715.46	9,430.92	14,146.38	18,861.84	23,577.30	28,292.76	33,008.21	37,723.67	42,439.13	47,154.59	51,870.05	56,585.51		
31	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L26 + L30	345,800.34	350,515.80	355,231.26	359,946.72	364,662.18	369,377.64	374,093.10	378,808.55	383,524.01	388,239.47	392,954.93	397,670.39	402,385.85		
32	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2015 Bonus Only	L32 x L34	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
36	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	204,815.63	8,777.81	17,555.63	26,333.44	35,111.25	43,889.06	52,666.88	61,444.69	70,222.50	79,000.31	87,778.13	96,555.94	105,333.75		
40	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L35 + L39	936,300.03	945,077.84	953,855.66	962,633.47	971,411.28	980,189.09	988,966.91	997,744.72	1,006,522.53	1,015,300.34	1,024,078.16	1,032,855.97	1,041,633.78		
41	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2014 Bonus Only	L41 x L43	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,345,958.88	30,474.54	60,949.08	91,423.62	121,898.16	152,372.70	182,847.25	213,321.79	243,796.33	274,270.87	304,745.41	335,219.95	365,694.49		
49	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L44 + L48	$ 4,520,390.23	4,550,864.77	4,581,339.31	4,611,813.85	4,642,288.39	4,672,762.93	4,703,237.48	4,733,712.02	4,764,186.56	4,794,661.10	4,825,135.64	4,855,610.18	4,886,084.72		
50	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2013 Bonus Only	L50 x L52	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,081,210.98	29,656.23	59,312.45	88,968.68	118,624.91	148,281.14	177,937.36	207,593.59	237,249.82	266,906.04	296,562.27	326,218.50	355,874.73		
58	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L53 + L57	$ 5,941,023.62	5,970,679.85	6,000,336.07	6,029,992.30	6,059,648.53	6,089,304.76	6,118,960.98	6,148,617.21	6,178,273.44	6,207,929.66	6,237,585.89	6,267,242.12	6,296,898.35		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Actual	Sep 2017 Actual	Oct 2017 Actual	Nov 2017 Actual	Dec 2017 Actual	YTD 2017 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
59	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
60	Year Six Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
61	YTD Year Six Tax Rate (50% Bonus)	L60	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
62	Total Accumulated Tax Depreciation - 2012 Bonus Only	L59 x L61	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
63	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
64	Year Six Tax Rate	Tax	9.22%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%		
65	YTD Year Six Tax Rate	L64/12 x (Month #)		0.61%	1.23%	1.84%	2.46%	3.07%	3.69%	4.30%	4.91%	5.53%	6.14%	6.76%	7.37%		
66	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L63 x L65	$ 2,441,892.75	23,752.44	47,504.88	71,257.32	95,009.76	118,762.20	142,514.65	166,267.09	190,019.53	213,771.97	237,524.41	261,276.85	285,029.29		
67	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L62 + L66	$ 6,309,318.68	6,333,071.12	6,356,823.56	6,380,576.00	6,404,328.44	6,428,080.88	6,451,833.33	6,475,585.77	6,499,338.21	6,523,090.65	6,546,843.09	6,570,595.53	6,594,347.97		
68	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
69	Year Seven Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
70	YTD Year Seven Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
71	Total Accumulated Tax Depreciation - 2011	L68 x L70	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
72	YTD Spend - 2010	AMI SPEND 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		
73	Year Eight Tax Rate	Tax		6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
74	YTD Year Eight Tax Rate	L73/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		
75	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L72 x L74 + Prev L75	$ 1,366,950.52	$ 1,367,949.45	$ 1,368,948.37	$ 1,369,947.30	$ 1,370,946.23	$ 1,371,945.15	$ 1,372,944.08	$ 1,373,943.01	$ 1,374,941.93	$ 1,375,940.86	$ 1,376,939.79	$ 1,377,938.71	$ 1,378,937.64		
76	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 8	$ 27,335,158.75	$ 27,439,355.72	$ 27,555,729.41	$ 27,727,133.89	$ 27,885,342.58	$ 28,035,088.53	$ 28,150,266.94	$ 28,264,740.15	$ 28,452,369.46	$ 28,560,051.31	$ 28,667,333.12	$ 28,769,810.64	$ 28,871,752.96		
77	Variance Tax vs Book Depreciation	L76 - L13		$ 13,882,400.13	$ 13,721,702.59	$ 13,615,296.56	$ 13,494,626.42	$ 13,364,616.51	$ 13,199,518.06	$ 13,033,481.56	$ 12,939,805.98	$ 12,765,448.32	$ 12,590,590.21	$ 12,410,868.69	$ 12,230,594.48		
78	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
79	Accumulated Deferred Income Tax (ADIT)	L77 x L78	$ 5,201,784.79	$ 5,137,876.29	$ 5,078,402.13	$ 5,039,021.26	$ 4,994,361.24	$ 4,946,244.57	$ 4,885,141.63	$ 4,823,691.52	$ 4,789,022.19	$ 4,724,492.42	$ 4,659,777.44	$ 4,593,262.50	$ 4,526,543.02		
80	**Rate Base Balance**	L12 - L79	$ 14,737,480.38	$ 14,536,059.78	$ 14,353,774.53	$ 14,257,459.67	$ 14,137,523.25	$ 14,002,089.46	$ 13,811,750.87	$ 13,619,739.94	$ 13,536,898.07	$ 13,331,903.11	$ 13,126,061.87	$ 12,912,982.89	$ 12,699,078.39		
	Overall Rate Of Return (ROR)																
81	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
82	**Return on Rate Base**	L80 x L81	$ 1,694,810.24	$ 139,303.91	$ 275,114.01	$ 409,901.97	$ 541,938.39	$ 670,933.45	$ 794,175.68	$ 913,657.55	$ 1,037,828.85	$ 1,149,876.64	$ 1,257,914.26	$ 1,361,243.61	$ 1,460,394.01		
	Reasonably Incurred Operating Expenses																
83	**Reserve for Accumulated Depreciation**	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,026.82	$ 14,111,837.33	$ 14,390,716.16	$ 14,670,472.02	$ 14,950,748.88	$ 15,231,258.59	$ 15,512,563.48	$ 15,794,602.99	$ 16,076,742.91	$ 16,358,941.95	$ 16,641,158.48		
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2017																
84	Total - 2017 In-Service Year - One	L7		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 163,793.69	$ 12,514.78	$ 11,583.70	$ 2,605.12	$ 1,592.55	$ 647,435.12	
85	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
86	Net Taxable Value - 2017 In-Service Year - One	L84 - L85		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 163,793.69	$ 12,514.78	$ 11,583.70	$ 2,605.12	$ 1,592.55	$ 647,435.12	
87	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
88	2017 Monthly True Value Amount	L86 x L87		$ 11,315.95	$ 34,605.58	$ 139,272.48	$ 111,996.74	$ 94,281.29	$ 28,258.62	$ 26,507.70	$ 160,517.82	$ 12,264.48	$ 11,352.03	$ 2,553.02	$ 1,560.70	$ 634,486.41	
89	Total - 2016 In-Service Year - Two	L23	628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90		
90	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
91	Net Taxable Value - 2016 In-Service Year - Two	L89 - L90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
92	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
93	Monthly True Value Percent	L92/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
94	2017 Monthly True Value Amount	L91 x L93		$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 591,004.23	
95	Total - 2015 In-Service Year - Three	L32	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
96	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
97	Net Taxable Value - 2015 In-Service Year - Three	L95 - L96	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
98	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
99	Monthly True Value Percent	L98/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
100	2017 Monthly True Value Amount	L97 x L99		$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 1,316,671.91	
101	Total - 2014 In-Service Year - Four	L41	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
102	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
103	Net Taxable Value - 2014 In-Service Year - Four	L101 - L102	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
104	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
105	Monthly True Value Percent	L104/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
106	2017 Monthly True Value Amount	L103 x L105		$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 5,460,021.91	
107	Total - 2013 In-Service Year - Five	L50	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
108	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
109	Net Taxable Value - 2013 In-Service Year - Five	L107 - L108	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
110	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
111	Monthly True Value Percent	L110/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
112	2017 Monthly True Value Amount	L109 x L111		$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 6,330,092.73	
113	Total - 2012 In-Service Year - Six	Prev L113	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
114	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Actual	Sep 2017 Actual	Oct 2017 Actual	Nov 2017 Actual	Dec 2017 Actual	YTD 2017 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
115	Net Taxable Value - 2012 In-Service Year - Six	L113 - L114	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
116	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
117	Monthly True Value Percent	L116/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
118	2017 Monthly True Value Amount	L115 x L117		$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 6,033,184.44	
119	Total - 2011 In-Service Year - Seven	Prev L119	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
120	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
121	Net Taxable Value - 2011 In-Service Year - Seven	L119 - L120	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
122	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
123	Monthly True Value Percent	L122/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
124	2017 Monthly True Value Amount	L121 x L123		$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 5,857,377.72	
125	Total - 2010 Spend Year - Eight	Prev L125	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
126	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
127	Net Taxable Value - 2010 Spend Year - Eight	L125 - L126	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
128	True Value Percent	Should not change		70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%		
129	Monthly True Value Percent	L128/12		5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%		
130	2017 Monthly True Value Amount	L127 x L129		$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 986,253.00	
131	Total Monthly True Value Amount	Sum True Value Amts		$ 2,225,866.45	$ 2,249,156.08	$ 2,353,822.98	$ 2,326,547.24	$ 2,308,831.79	$ 2,242,809.12	$ 2,241,058.20	$ 2,375,068.32	$ 2,226,814.98	$ 2,225,902.53	$ 2,217,103.52	$ 2,216,111.20	$ 27,209,092.35	
132	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
133	Assessed Value	L131 x L132		$ 1,891,986.48	$ 1,911,782.66	$ 2,000,749.53	$ 1,977,565.15	$ 1,962,507.02	$ 1,906,387.75	$ 1,904,899.47	$ 2,018,808.07	$ 1,892,792.73	$ 1,892,017.15	$ 1,884,537.99	$ 1,883,694.52	$ 23,127,728.52	
134	Tax Rate (Mills)	Tax		11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%		
135	2017 Monthly Property Tax Liability	L133 x L134		$ 214,872.90	$ 217,121.16	$ 227,225.12	$ 224,592.07	$ 222,881.92	$ 216,508.46	$ 216,339.43	$ 229,276.03	$ 214,964.47	$ 214,876.39	$ 214,026.98	$ 213,931.19	$ 2,626,616.12	
136	Prior Period Adjustment - 2016 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
137	**2017 Monthly Property Tax Liability Adjusted**	L135 + L136		$ 214,872.90	$ 217,121.16	$ 227,225.12	$ 224,592.07	$ 222,881.92	$ 216,508.46	$ 216,339.43	$ 229,276.03	$ 214,964.47	$ 214,876.39	$ 214,026.98	$ 213,931.19	$ 2,626,616.12	$ 15,238,571.35
138	**Cumulative Property Tax Liability**	L137 + Prev L138	$ 12,611,955.23	$ 12,826,828.13	$ 13,043,949.29	$ 13,271,174.41	$ 13,495,766.48	$ 13,718,648.40	$ 13,935,156.86	$ 14,151,496.29	$ 14,380,772.32	$ 14,595,736.79	$ 14,810,613.18	$ 15,024,640.16	$ 15,238,571.35		
	O&M Expenses																
139	Rider AMI's Monthly O&M Costs	2017 Costs L45		$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ -	$ 162,342.52	$ 115,162.01	$ 131,841.66	$ 144,807.85	$ 1,801,547.96	$ 5,554,478.42
140	Accumulated Rider AMI O&M Costs	L139 + Prev L140	$ 3,752,930.46	3,918,070.84	4,074,692.61	4,333,878.67	4,472,498.25	4,708,245.18	4,794,846.79	5,000,324.38	5,000,324.38	5,162,666.90	5,277,828.91	5,409,670.57	5,554,478.42		
	Revenue Requirement - Based on Spend																
141	Accumulative Return on Rate Base	L82 + Prev L141	$ 9,452,546.23	$ 9,591,850.14	$ 9,727,660.24	$ 9,862,448.20	$ 9,994,484.62	$ 10,123,479.68	$ 10,246,721.91	$ 10,366,203.78	$ 10,490,375.08	$ 10,602,422.87	$ 10,710,460.49	$ 10,813,789.84	$ 10,912,940.24		
142	Reserve for Accumulated Depreciation	L83	$ 13,280,079.60	13,556,955.59	13,834,026.82	14,111,837.33	14,390,716.16	14,670,472.02	14,950,748.88	15,231,258.59	15,512,563.48	15,794,602.99	16,076,742.91	16,358,941.95	16,641,158.48		
143	Accumulative Property Tax Liability	L138	$ 12,611,955.23	12,826,828.13	13,043,949.29	13,271,174.41	13,495,766.48	13,718,648.40	13,935,156.86	14,151,496.29	14,380,772.32	14,595,736.79	14,810,613.18	15,024,640.16	15,238,571.35		
144	Accumulated Recoverable O&M Costs	L140	3,752,930.46	3,918,070.84	4,074,692.61	4,333,878.67	4,472,498.25	4,708,245.18	4,794,846.79	5,000,324.38	5,000,324.38	5,162,666.90	5,277,828.91	5,409,670.57	5,554,478.42		
145	Total Recoverable Costs without CAT	Sum (L141 - L144)	$ 39,097,511.52	$ 39,893,704.70	$ 40,680,328.96	$ 41,579,338.61	$ 42,353,465.51	$ 43,220,845.28	$ 43,927,474.44	$ 44,749,283.04	$ 45,384,035.26	$ 46,155,429.55	$ 46,875,645.49	$ 47,607,042.52	$ 48,347,148.49		
146	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
147	CAT Tax Amount	L145 / (1 - L146) - L145	101,918.52	103,994.02	106,044.57	108,388.09	110,406.07	112,667.13	114,509.16	116,651.43	118,306.09	120,316.94	122,194.38	124,100.97	126,030.26		
148	Total Revenue Requirement Excluding Rider AMI Revenues	L145 + L147	$ 39,199,430.04	$ 39,997,698.72	$ 40,786,373.53	$ 41,687,726.70	$ 42,463,871.58	$ 43,333,512.41	$ 44,041,983.60	$ 44,865,934.47	$ 45,502,341.35	$ 46,275,746.49	$ 46,997,839.87	$ 47,731,143.49	$ 48,473,178.75		
149	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L149	$ 39,141,835.23	$ 40,054,034.66	$ 40,868,698.51	$ 41,716,858.35	$ 42,518,225.65	$ 43,334,687.94	$ 44,145,728.98	$ 44,928,842.48	$ 45,727,035.57	$ 46,518,023.37	$ 47,324,212.83	$ 48,059,205.66	$ 48,824,254.76		
150	Revenue Requirement Adjusted for Rider AMI Revenues	L148 - L149	$ 57,594.81	$ (56,335.94)	$ (82,324.98)	$ (29,131.65)	$ (54,354.07)	$ (1,175.53)	$ (103,745.38)	$ (62,908.01)	$ (224,694.22)	$ (242,276.88)	$ (326,372.96)	$ (328,062.17)	$ (351,076.01)		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Years Balance	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Actual	Sep 2017 Actual	Oct 2017 Actual	Nov 2017 Actual	Dec 2017 Actual	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	$ 33,137,327.97	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	$ 19,362,498.25	$ 447,384.43	$ 405,032.80	$ 419,886.72	$ 397,117.42	$ 404,188.51	$ 402,099.32	$ 388,732.53	$ 395,996.99	$ 391,636.72	$ 398,218.05	$ 365,436.22	$ 378,434.30	$ 4,794,164.01	$ 24,156,662.26
3	CEI	Sales Report	$ 13,853,482.85	331,567.10	282,833.75	300,423.93	283,123.96	288,298.16	286,248.01	277,061.40	281,070.67	278,633.48	286,415.87	257,654.30	270,102.14	3,423,432.77	17,276,915.62
4	TE	Sales Report	$ 5,925,854.13	133,247.90	126,797.30	127,849.19	121,125.92	123,975.62	122,693.71	117,319.57	121,125.43	120,717.60	121,555.54	111,902.31	116,512.66	1,464,822.75	7,390,676.88
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	$ 39,141,835.23	$ 912,199.43	$ 814,663.85	$ 848,159.84	$ 801,367.30	$ 816,462.29	$ 811,041.04	$ 783,113.50	$ 798,193.09	$ 790,987.80	$ 806,189.46	$ 734,992.83	$ 765,049.10	$ 9,682,419.53	$ 48,824,254.76
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	CEI	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	$ 21,771,617.35	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,292,632.00	-	-	-	-	-	-	-	-	-	-	-	-	-	18,292,632.00
13	Cyber Security	L14 + L15	$ 17,310.72	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	$ 2,887,480.85	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	$ 34,225,219.20	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,552.49	$ (13,552.49)	$ -	$ -	$ -	$ -	$ -	$ 34,225,219.20
20	Labor	SGMI	9,249,205.53	-	-	-	-	-	-	5,370.35	(5,370.35)	-	-	-	-	-	9,249,205.53
21	Non-Labor	SGMI	24,976,013.67	-	-	-	-	-	-	8,182.14	(8,182.14)	-	-	-	-	-	24,976,013.67
22	Planning	L23 + L24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	$ 23,625.51	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	$ 7,107,420.79	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,107,420.79
29	Labor	SGMI	3,863,498.66	-	-	-	-	-	-	-	-	-	-	-	-	-	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	$ 2,749,675.16	$ 123,547.46	$ 125,152.47	$ 121,594.48	$ 106,913.38	$ 110,720.12	$ 122,874.33	$ 89,352.46	$ 101,312.80	$ 113,727.24	$ 103,144.16	$ 77,689.18	$ 98,167.29	$ 1,294,195.37	4,043,870.53
32	Labor	SGMI	1,199,481.55	52,612.26	78,935.17	70,775.75	63,118.83	55,864.21	77,101.06	47,377.61	54,696.69	62,440.50	57,199.89	38,053.55	47,312.97	$ 705,488.49	1,904,970.04
33	Non-Labor	SGMI	1,550,193.61	70,935.20	46,217.30	50,818.73	43,794.55	54,855.91	45,773.27	41,974.85	46,616.11	51,286.74	45,944.27	39,635.63	50,854.32	$ 588,706.88	2,138,900.49
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	$ 1,535,111.43	$ 53,139.81	$ 66,781.12	$ 279,706.36	$ 145,988.59	$ 221,232.21	$ (7,437.39)	$ 129,621.31	$ 76,033.38	$ 61,130.06	$ 23,601.55	$ 56,757.60	$ 48,233.11	$ 1,154,787.71	2,689,899.14
35	Labor	SGMI	254,942.99	13,789.91	28,576.80	58,262.03	46,129.58	55,556.17	41,904.63	28,310.55	27,515.15	24,543.08	(18,662.78)	20,365.97	16,660.15	$ 342,951.24	597,894.23
36	Non-Labor	SGMI	1,280,168.44	39,349.90	38,204.32	221,444.33	99,859.01	165,676.04	(49,342.02)	101,310.76	48,518.23	36,586.98	42,264.33	36,391.63	31,572.96	$ 811,836.47	2,092,004.91
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13, 16, 19, 22, 25, 28, 31, 34)	$ 70,317,461.01	$ 176,687.27	$ 191,933.59	$ 401,300.84	$ 252,901.97	$ 331,952.33	$ 115,436.94	$ 232,526.26	$ 163,793.69	$ 174,857.30	$ 126,745.71	$ 134,446.78	$ 146,400.40	$ 2,448,983.08	72,766,444.09
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	$ 3,876,427.89	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ 161,698.11	$ 162,342.52	$ 115,162.01	$ 131,841.66	$ 144,807.85	$ 1,963,246.07	$ 5,839,673.96
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	$ 3,876,427.89	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ -	$ 162,342.52	$ 115,162.01	$ 131,841.66	$ 144,807.85	$ 1,963,246.07	$ 5,839,673.96
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	70,317,461.01	176,687.27	191,933.59	401,300.84	252,901.97	331,952.33	115,436.94	232,526.26	163,793.69	174,857.30	126,745.71	134,446.78	146,400.40	$ 2,448,983.08	$ 72,766,444.09
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	$ 32,997,542.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	$ 33,566,987.79	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 163,793.69	$ 12,514.78	$ 11,583.70	$ 2,605.12	$ 1,592.55	$ 647,435.12	$ 34,214,422.91
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	$ 3,752,930.46	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ -	$ 162,342.52	$ 115,162.01	$ 131,841.66	$ 144,807.85	$ 1,801,547.96	$ 5,554,478.42
46	**Total Monthly Rider AMI Costs**	L44 + L45	$ 37,319,918.25	$ 176,687.27	$ 191,933.59	$ 401,300.84	$ 252,901.97	$ 331,952.33	$ 115,436.94	$ 232,526.26	$ 163,793.69	$ 174,857.30	$ 126,745.71	$ 134,446.78	$ 146,400.40	$ 2,448,983.08	$ 39,768,901.33
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	$ 37,319,918.25	$ 37,496,605.52	$ 37,688,539.11	$ 38,089,839.95	$ 38,342,741.92	$ 38,674,694.25	$ 38,790,131.19	$ 39,022,657.45	$ 39,186,451.14	$ 39,361,308.44	$ 39,488,054.15	$ 39,622,500.93	$ 39,768,901.33		

Case No. 16-2166-EL-RDR
TOTAL OHIO COMPANIES (OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY & THE TOLEDO EDISON COMPANY)
Advanced Metering Infrastructure Rider (Rider AMI) - Rate Design
Rates to Begin on January 1, 2017 Using March 2017 Revenue Requirement

Line No.	Description	Source	RS Residential	GS Secondary	GP Primary	GSU Subtransmission	ESIP & STL Street Lighting	TRF Traffic Lighting	POL Private Outdoor Lighting	Total
A	B	C	D	E	F	G	H	I	J	K
	OH Companies' Revenue Allocation by Rate Schedule (Excluding GT) Based on Distribution Rate Case (07-551-EL-AIR)									
1	Accumulated Revenue Requirement Adjusted for Rider AMI Revenues - Based on Spend as of March 2017	AMI Spend 2017 L150								$ 2,524,905.62
2	Revenue Requirement Allocation % per Schedule A (Excluding GT) from D Rate Case	Stip & Recommendation dated 2/11/08	56.69%	34.25%	3.59%	1.69%	2.64%	0.05%	1.09%	100.00%
3	Total Revenue Requirement per Rate Schedule (Excluding GT)	KL1 x L2	$ 1,431,286.71	$ 864,749.20	$ 90,613.22	$ 42,712.38	$ 66,735.99	$ 1,193.24	$ 27,614.89	$ 2,524,905.63
	Total OH Companies' Actual # Customers Except ESIP/STL Used # Fixtures as of November 2016									
4	Jan 2017	RODS	1,887,573	215,025	1,676	658	390,697	1,609	25,773	
5	Feb 2017	RODS	1,887,573	215,025	1,676	658	390,697	1,609	25,773	
6	Mar 2017	RODS	1,887,573	215,025	1,676	658	390,697	1,609	25,773	
7	Total # Customers	Sum (L4 - L6)	5,662,719	645,075	5,028	1,974	1,172,091	4,827	77,319	
	Total OH Companies' Monthly Customer/Fixture Charge									
8	OH Companies' Monthly Customer Charge	(L3/L7)	$ 0.253	$ 1.341	$ 18.022	$ 21.637	$ 0.057	$ 0.247	$ 0.357	
9	OH Companies' Monthly Customer Charge - Oct 2016	Tariff Sheets	$ 0.258	$ 1.366	$ 18.381	$ 21.885	$ 0.058	$ 0.253	$ 0.359	
10	OH Monthly Customer Charge - Jan 2017 vs Oct 2016	L8 - L9	$ (0.005)	$ (0.025)	$ (0.359)	$ (0.248)	$ (0.001)	$ (0.006)	$ (0.002)	

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line			Prior Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	Cumulative
No.	Description	Source	Balances	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	Balance
				Estimate	Estimate	Estimate										Estimate	Estimate
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2017 Costs L44	$ 33,321,241.70	$ 48,526.00	$ 52,359.00	$ 58,158.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 159,043.00	$ 33,480,284.70
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL -RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 32,973,598.68	$ 48,526.00	$ 52,359.00	$ 58,158.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 159,043.00	$ 33,132,641.68
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 48,526.00	$ 52,359.00	$ 58,158.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 159,043.00	$ 33,132,641.68
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		274,982.18	275,402.53	275,863.02	276,105.35	276,105.35	276,105.35	276,105.35	276,105.35	276,105.35	276,105.35	276,105.35	276,105.35	3,311,195.88	16,587,877.99
9	Monthly Net Spend	L7 - L8		$ (226,456.18)	$ (223,043.53)	$ (217,705.02)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (276,105.35)	$ (3,152,152.88)	$ 16,544,763.69
10	Accumulated Spend	L7 + Prev L10	$ 32,973,598.68	$ 33,022,124.68	$ 33,074,483.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68	$ 33,132,641.68		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	13,276,682.11	13,551,664.29	13,827,066.82	14,102,929.84	14,379,035.19	14,655,140.54	14,931,245.89	15,207,351.24	15,483,456.59	15,759,561.94	16,035,667.29	16,311,772.64	16,587,877.99		
12	Accumulated Net Spend	L10 - L11	$ 19,696,916.57	$ 19,470,460.39	$ 19,247,416.86	$ 19,029,711.84	$ 18,753,606.49	$ 18,477,501.14	$ 18,201,395.79	$ 17,925,290.44	$ 17,649,185.09	$ 17,373,079.74	$ 17,096,974.39	$ 16,820,869.04	$ 16,544,763.69		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	13,276,682.11	$ 13,551,664.29	$ 13,827,066.82	$ 14,102,929.84	$ 14,379,035.19	$ 14,655,140.54	$ 14,931,245.89	$ 15,207,351.24	$ 15,483,456.59	$ 15,759,561.94	$ 16,035,667.29	$ 16,311,772.64	$ 16,587,877.99		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2017	L10 - Prior Yr L10		48,526.00	100,885.00	159,043.00	159,043.00	159,043.00	159,043.00	159,043.00	159,043.00	159,043.00	159,043.00	159,043.00	159,043.00		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2017 Bonus Only	L14 x L16		$ 24,263.00	$ 50,442.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50	$ 79,521.50		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2017 (10 Year Property Half-Year Convention)	L14 - L17		24,263.00	50,442.50	79,521.50	79,521.50	79,521.50	79,521.50	79,521.50	79,521.50	79,521.50	79,521.50	79,521.50	79,521.50		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2017 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		202.19	840.71	1,988.04	2,650.72	3,313.40	3,976.08	4,638.75	5,301.43	5,964.11	6,626.79	7,289.47	7,952.15		
22	Total Accumulated Tax Depreciation - 2017 (Includes Bonus)	L17 + L21		24,465.19	51,283.21	81,509.54	82,172.22	82,834.90	83,497.58	84,160.25	84,822.93	85,485.61	86,148.29	86,810.97	87,473.65		
23	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L14	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2016 Bonus Only	L23 x L25	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90	191,490.90		
27	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L18	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91	191,490.91		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	19,149.09	2,872.36	5,744.73	8,617.09	11,489.45	14,361.82	17,234.18	20,106.55	22,978.91	25,851.27	28,723.64	31,596.00	34,468.36		
31	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L26 + L30	210,639.99	213,512.35	216,384.72	219,257.08	222,129.44	225,001.81	227,874.17	230,746.54	233,618.90	236,491.26	239,363.63	242,235.99	245,108.35		
32	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2015 Bonus Only	L32 x L34	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
36	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	204,815.63	8,777.81	17,555.63	26,333.44	35,111.25	43,889.06	52,666.88	61,444.69	70,222.50	79,000.31	87,778.13	96,555.94	105,333.75		
40	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L35 + L39	936,300.03	945,077.84	953,855.66	962,633.47	971,411.28	980,189.09	988,966.91	997,744.72	1,006,522.53	1,015,300.34	1,024,078.16	1,032,855.97	1,041,633.78		
41	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2014 Bonus Only	L41 x L43	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,345,958.88	30,474.54	60,949.08	91,423.62	121,898.16	152,372.70	182,847.25	213,321.79	243,796.33	274,270.87	304,745.41	335,219.95	365,694.49		
49	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L44 + L48	$ 4,520,390.23	4,550,864.77	4,581,339.31	4,611,813.85	4,642,288.39	4,672,762.93	4,703,237.48	4,733,712.02	4,764,186.56	4,794,661.10	4,825,135.64	4,855,610.18	4,886,084.72		
50	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2013 Bonus Only	L50 x L52	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,081,210.98	29,656.23	59,312.45	88,968.68	118,624.91	148,281.14	177,937.36	207,593.59	237,249.82	266,906.04	296,562.27	326,218.50	355,874.73		
58	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L53 + L57	$ 5,941,023.62	5,970,679.85	6,000,336.07	6,029,992.30	6,059,648.53	6,089,304.76	6,118,960.98	6,148,617.21	6,178,273.44	6,207,929.66	6,237,585.89	6,267,242.12	6,296,898.35		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Estimate	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017 Estimate	Cumulative Balance Estimate
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
59	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
60	Year Six Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
61	YTD Year Six Tax Rate (50% Bonus)	L60	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
62	Total Accumulated Tax Depreciation - 2012 Bonus Only	L59 x L61	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
63	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
64	Year Six Tax Rate	Tax	9.22%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
65	YTD Year Six Tax Rate	L64/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		
66	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L63 x L65	$ 2,441,892.75	21,109.70	42,219.40	63,329.10	84,438.80	105,548.50	126,658.20	147,767.90	168,877.60	189,987.30	211,097.00	232,206.70	253,316.40		
67	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L62 + L66	$ 6,309,318.68	6,330,428.38	6,351,538.08	6,372,647.78	6,393,757.48	6,414,867.18	6,435,976.88	6,457,086.58	6,478,196.28	6,499,305.98	6,520,415.68	6,541,525.38	6,562,635.08		
68	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
69	Year Seven Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
70	YTD Year Seven Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
71	Total Accumulated Tax Depreciation - 2011	L68 x L70	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
72	YTD Spend - 2010	AMI SPEND 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		
73	Year Eight Tax Rate	Tax		6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%		
74	YTD Year Eight Tax Rate	L73/12 x (Month #)		0.55%	1.09%	1.64%	2.19%	2.73%	3.28%	3.83%	4.37%	4.92%	5.47%	6.01%	6.56%		
75	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L72 x L74 + Prev L75	$ 1,366,950.52	$ 1,367,950.97	$ 1,368,951.42	$ 1,369,951.88	$ 1,370,952.33	$ 1,371,952.78	$ 1,372,953.23	$ 1,373,953.68	$ 1,374,954.14	$ 1,375,954.59	$ 1,376,955.04	$ 1,377,955.49	$ 1,378,955.94		
76	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 6	$ 27,199,998.40	$ 27,318,354.68	$ 27,439,063.80	$ 27,563,181.23	$ 27,657,735.00	$ 27,752,288.78	$ 27,846,842.56	$ 27,941,396.33	$ 28,035,950.11	$ 28,130,503.87	$ 28,225,057.66	$ 28,319,611.43	$ 28,414,165.20		
77	Variance Tax vs Book Depreciation	L76 - L13		$ 13,766,690.39	$ 13,611,996.98	$ 13,460,251.39	$ 13,278,699.81	$ 13,097,148.24	$ 12,915,596.67	$ 12,734,045.09	$ 12,552,493.52	$ 12,370,941.93	$ 12,189,390.37	$ 12,007,838.79	$ 11,826,287.21		
78	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
79	Accumulated Deferred Income Tax (ADIT)	L77 x L78	$ 5,153,019.36	$ 5,095,052.11	$ 5,037,800.08	$ 4,981,639.04	$ 4,914,446.80	$ 4,847,254.56	$ 4,780,062.33	$ 4,712,870.09	$ 4,645,677.85	$ 4,578,485.61	$ 4,511,293.38	$ 4,444,101.14	$ 4,376,908.90		
80	**Rate Base Balance**	L12 - L79	$ 14,543,897.21	$ 14,375,408.28	$ 14,209,616.78	$ 14,048,072.80	$ 13,839,159.69	$ 13,630,246.58	$ 13,421,333.46	$ 13,212,420.35	$ 13,003,507.24	$ 12,794,594.13	$ 12,585,681.01	$ 12,376,767.90	$ 12,167,854.79		
	Overall Rate Of Return (ROR)																
81	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
82	**Return on Rate Base**	L80 x L81	$ 1,672,548.18	$ 137,764.33	$ 272,350.99	$ 403,882.09	$ 530,501.12	$ 653,115.98	$ 771,726.67	$ 886,333.20	$ 996,935.56	$ 1,103,533.74	$ 1,206,127.76	$ 1,304,717.62	$ 1,399,303.30		
	Reasonably Incurred Operating Expenses																
83	**Reserve for Accumulated Depreciation**	L11	13,276,682.11	$ 13,551,664.29	$ 13,827,066.82	$ 14,102,929.84	$ 14,379,035.19	$ 14,655,140.54	$ 14,931,245.89	$ 15,207,351.24	$ 15,483,456.59	$ 15,759,561.94	$ 16,035,667.29	$ 16,311,772.64	$ 16,587,877.99		
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2017																
84	Total - 2017 In-Service Year - One	L7		$ 48,526.00	$ 52,359.00	$ 58,158.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 159,043.00	
85	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
86	Net Taxable Value - 2017 In-Service Year - One	L84 - L85		$ 48,526.00	$ 52,359.00	$ 58,158.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 159,043.00	
87	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
88	2017 Monthly True Value Amount	L86 x L87		$ 47,555.48	$ 51,311.82	$ 56,994.84	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 155,862.14	
89	Total - 2016 In-Service Year - Two	L23	382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81	$ 382,981.81		
90	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
91	Net Taxable Value - 2016 In-Service Year - Two	L89 - L90	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81	382,981.81		
92	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
93	Monthly True Value Percent	L92/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
94	2017 Monthly True Value Amount	L91 x L93		$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 30,000.24	$ 360,002.90	
95	Total - 2015 In-Service Year - Three	L32	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
96	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
97	Net Taxable Value - 2015 In-Service Year - Three	L95 - L96	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
98	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
99	Monthly True Value Percent	L98/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
100	2017 Monthly True Value Amount	L97 x L99		$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 1,316,671.91	
101	Total - 2014 In-Service Year - Four	L41	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
102	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
103	Net Taxable Value - 2014 In-Service Year - Four	L101 - L102	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
104	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
105	Monthly True Value Percent	L104/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
106	2017 Monthly True Value Amount	L103 x L105		$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 5,460,021.91	
107	Total - 2013 In-Service Year - Five	L50	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
108	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
109	Net Taxable Value - 2013 In-Service Year - Five	L107 - L108	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
110	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
111	Monthly True Value Percent	L110/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
112	2017 Monthly True Value Amount	L109 x L111		$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 6,330,092.73	
113	Total - 2012 In-Service Year - Six	Prev L113	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
114	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Estimate	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017 Estimate	Cumulative Balance Estimate
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
115	Net Taxable Value - 2012 In-Service Year - Six	L113 - L114	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
116	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
117	Monthly True Value Percent	L116/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
118	2017 Monthly True Value Amount	L115 x L117		$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 6,033,184.44	
119	Total - 2011 In-Service Year - Seven	Prev L119	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
120	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
121	Net Taxable Value - 2011 In-Service Year - Seven	L119 - L120	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
122	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
123	Monthly True Value Percent	L122/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
124	2017 Monthly True Value Amount	L121 x L123		$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 5,857,377.72	
125	Total - 2010 Spend Year - Eight	Prev L125	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
126	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
127	Net Taxable Value - 2010 Spend Year - Eight	L125 - L126	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
128	True Value Percent	Should not change		70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%		
129	Monthly True Value Percent	L128/12		5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%		
130	2017 Monthly True Value Amount	L127 x L129		$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 986,253.00	
131	Total Monthly True Value Amount	Sum True Value Amts		$ 2,242,855.86	$ 2,246,612.20	$ 2,252,295.22	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 2,195,300.38	$ 26,499,466.76	
132	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
133	Assessed Value	L131 x L132		$ 1,906,427.48	$ 1,909,620.37	$ 1,914,450.94	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 1,866,005.33	$ 22,524,546.76	
134	Tax Rate (Mills)	Tax		11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%		
135	2017 Monthly Property Tax Liability	L133 x L134		$ 214,473.09	$ 214,832.29	$ 215,375.73	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 2,534,011.51	
136	Prior Period Adjustment - 2016 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
137	**2017 Monthly Property Tax Liability Adjusted**	L135 + L136		$ 214,473.09	$ 214,832.29	$ 215,375.73	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 209,925.60	$ 2,534,011.51	$ 15,122,937.26
138	**Cumulative Property Tax Liability**	L137 + Prev L138	$ 12,588,925.75	$ 12,803,398.84	$ 13,018,231.13	$ 13,233,606.86	$ 13,443,532.46	$ 13,653,458.06	$ 13,863,383.66	$ 14,073,309.26	$ 14,283,234.86	$ 14,493,160.46	$ 14,703,086.06	$ 14,913,011.66	$ 15,122,937.26		
	O&M Expenses - Recovery 10 Years																
139	Rider AMI's Monthly O&M Costs	2016 Costs L45		$ 206,651.00	$ 206,651.00	$ 206,650.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 619,952.00	$ 4,383,663.08
140	Accumulated Rider AMI O&M Costs	L139 + Prev L140	$ 3,763,711.08	3,970,362.08	4,177,013.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08		
	Revenue Requirement - Based on Spend																
141	Accumulative Return on Rate Base	L82 + Prev L141	$ 9,430,284.17	$ 9,568,048.50	$ 9,702,635.16	$ 9,834,166.26	$ 9,960,785.29	$ 10,083,400.15	$ 10,202,010.84	$ 10,316,617.37	$ 10,427,219.73	$ 10,533,817.91	$ 10,636,411.93	$ 10,735,001.79	$ 10,829,587.47		
142	Reserve for Accumulated Depreciation	L83	$ 13,276,682.11	13,551,664.29	13,827,066.82	14,102,929.84	14,379,035.19	14,655,140.54	14,931,245.89	15,207,351.24	15,483,456.59	15,759,561.94	16,035,667.29	16,311,772.64	16,587,877.99		
143	Accumulative Property Tax Liability	L138	$ 12,588,925.75	12,803,398.84	13,018,231.13	13,233,606.86	13,443,532.46	13,653,458.06	13,863,383.66	14,073,309.26	14,283,234.86	14,493,160.46	14,703,086.06	14,913,011.66	15,122,937.26		
144	Accumulated Recoverable O&M Costs	L140	3,763,711.08	3,970,362.08	4,177,013.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08	4,383,663.08		
145	Total Recoverable Costs without CAT	Sum (L141 - L144)	$ 39,059,603.11	$ 39,893,473.71	$ 40,724,946.19	$ 41,554,366.04	$ 42,167,016.02	$ 42,775,661.83	$ 43,380,303.47	$ 43,980,940.95	$ 44,577,574.26	$ 45,170,203.39	$ 45,758,828.36	$ 46,343,449.17	$ 46,924,065.80		
146	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
147	CAT Tax Amount	L145 / (1 - L146) - L145	101,819.70	103,993.41	106,160.88	108,322.99	109,920.03	111,506.64	113,082.80	114,648.53	116,203.82	117,748.68	119,283.09	120,807.07	122,320.60		
148	Total Revenue Requirement Excluding Rider AMI Revenues	L145 + L147	$ 39,161,422.81	$ 39,997,467.12	$ 40,831,107.07	$ 41,662,689.03	$ 42,276,936.05	$ 42,887,168.47	$ 43,493,386.27	$ 44,095,589.48	$ 44,693,778.08	$ 45,287,952.07	$ 45,878,111.45	$ 46,464,256.24	$ 47,046,386.40		
149	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L149	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41	$ 39,137,783.41		
150	Revenue Requirement Adjusted for Rider AMI Revenues	L148 - L149	$ 23,639.40	$ 859,683.71	$ 1,693,323.66	$ 2,524,905.62	$ 3,139,152.64	$ 3,749,385.06	$ 4,355,602.86	$ 4,957,806.07	$ 5,555,994.67	$ 6,150,168.66	$ 6,740,328.04	$ 7,326,472.83	$ 7,908,602.99		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Years Balance	Jan 2017 Estimate	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	$ 33,137,327.97	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	$ 19,362,356.29	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 19,362,356.29
3	CEI	Sales Report	$ 13,851,834.26	-	-	-	-	-	-	-	-	-	-	-	-	-	13,851,834.26
4	TE	Sales Report	$ 5,923,592.86	-	-	-	-	-	-	-	-	-	-	-	-	-	5,923,592.86
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	$ 39,137,783.41	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 39,137,783.41
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	CEI	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	$ 21,771,617.35	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,292,632.00	-	-	-	-	-	-	-	-	-	-	-	-	-	18,292,632.00
13	Cyber Security	L14 + L15	$ 17,310.72	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	$ 2,887,480.85	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	$ 34,225,219.20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 34,225,219.20
20	Labor	SGMI	9,249,205.53	-	-	-	-	-	-	-	-	-	-	-	-	-	9,249,205.53
21	Non-Labor	SGMI	24,976,013.67	-	-	-	-	-	-	-	-	-	-	-	-	-	24,976,013.67
22	Planning	L23 + L24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	$ 23,625.51	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	$ 7,107,420.79	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,107,420.79
29	Labor	SGMI	3,863,498.66	-	-	-	-	-	-	-	-	-	-	-	-	-	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	$ 2,769,774.91	$ 115,120.00	$ 118,953.00	$ 122,785.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 356,858.00	3,126,632.91
32	Labor	SGMI	1,217,898.28	86,231.00	90,064.00	93,896.00	-	-	-	-	-	-	-	-	-	$ 270,191.00	1,488,089.28
33	Non-Labor	SGMI	1,551,876.63	28,889.00	28,889.00	28,889.00	-	-	-	-	-	-	-	-	-	$ 86,667.00	1,638,543.63
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	$ 1,280,046.21	$ 140,057.00	$ 140,057.00	$ 142,023.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 422,137.00	1,702,183.21
35	Labor	SGMI	264,651.88	27,517.00	27,517.00	29,483.00	-	-	-	-	-	-	-	-	-	$ 84,517.00	349,168.88
36	Non-Labor	SGMI	1,015,394.33	112,540.00	112,540.00	112,540.00	-	-	-	-	-	-	-	-	-	$ 337,620.00	1,353,014.33
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13 16 19 22 25	$ 70,082,495.54	$ 255,177.00	$ 259,010.00	$ 264,808.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 778,995.00	70,861,490.54
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	$ 3,887,208.51	$ 206,651.00	$ 206,651.00	$ 206,650.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 619,952.00	$ 4,507,160.51
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	$ 3,887,208.51	$ 206,651.00	$ 206,651.00	$ 206,650.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 619,952.00	$ 4,507,160.51
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	70,082,495.54	255,177.00	259,010.00	264,808.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$ 778,995.00	$ 70,861,490.54
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	$ 32,997,542.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	$ 33,321,241.70	$ 48,526.00	$ 52,359.00	$ 58,158.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 159,043.00	$ 33,480,284.70
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	$ 3,763,711.08	$ 206,651.00	$ 206,651.00	$ 206,650.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 619,952.00	$ 4,383,663.08
46	**Total Monthly Rider AMI Costs**	L44 + L45	$ 37,084,952.78	$ 255,177.00	$ 259,010.00	$ 264,808.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 778,995.00	$ 37,863,947.78
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	$ 37,084,952.78	$ 37,340,129.78	$ 37,599,139.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78	$ 37,863,947.78		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Year Balances	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Estimate	Dec 2016 Estimate	YTD 2016 Estimate	Cumulative Balance Estimate
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2016 Costs L44	$ 32,938,259.89	$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 50,824.00	$ 47,173.00	$ 382,981.81	$ 33,321,241.70
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL - RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 32,590,616.87	$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 50,824.00	$ 47,173.00	$ 382,981.81	$ 32,973,598.68
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 50,824.00	$ 47,173.00	$ 382,981.81	$ 32,973,598.68
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		271,633.28	271,703.58	271,775.45	271,897.17	272,153.17	272,150.32	272,386.85	272,843.36	272,972.00	273,513.75	274,175.11	274,583.43	3,271,787.47	13,276,682.11
9	Monthly Net Spend	L7 - L8		$ (260,878.82)	$ (265,586.47)	$ (260,645.14)	$ (253,815.00)	$ (228,795.40)	$ (316,190.55)	$ (171,580.05)	$ (264,086.66)	$ (250,855.64)	$ (165,610.39)	$ (223,351.11)	$ (227,410.43)	$ (2,888,805.66)	$ 19,696,916.57
10	Accumulated Spend	L7 + Prev L10	$ 32,590,616.87	$ 32,601,371.33	$ 32,607,488.44	$ 32,618,618.75	$ 32,636,700.92	$ 32,680,058.69	$ 32,636,018.46	$ 32,736,825.26	$ 32,745,581.96	$ 32,767,698.32	$ 32,875,601.68	$ 32,926,425.68	$ 32,973,598.68		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	10,004,894.64	10,276,527.92	10,548,231.50	10,820,006.95	11,091,904.12	11,364,057.29	11,636,207.61	11,908,594.46	12,181,437.82	12,454,409.82	12,727,923.57	13,002,098.68	13,276,682.11		
12	Accumulated Net Spend	L10 - L11	$ 22,585,722.23	$ 22,324,843.41	$ 22,059,256.94	$ 21,798,611.80	$ 21,544,796.80	$ 21,316,001.40	$ 20,999,810.85	$ 20,828,230.80	$ 20,564,144.14	$ 20,313,288.50	$ 20,147,678.11	$ 19,924,327.00	$ 19,696,916.57		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	10,004,894.64	$ 10,276,527.92	$ 10,548,231.50	$ 10,820,006.95	$ 11,091,904.12	$ 11,364,057.29	$ 11,636,207.61	$ 11,908,594.46	$ 12,181,437.82	$ 12,454,409.82	$ 12,727,923.57	$ 13,002,098.68	$ 13,276,682.11		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2016	L10 - Prior Yr L10		10,754.46	16,871.57	28,001.88	46,084.05	89,441.82	45,401.59	146,208.39	154,965.09	177,081.45	284,984.81	335,808.81	382,981.81		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2016 Bonus Only	L14 x L16		$ 5,377.23	$ 8,435.79	$ 14,000.94	$ 23,042.03	$ 44,720.91	$ 22,700.79	$ 73,104.20	$ 77,482.54	$ 88,540.72	$ 142,492.40	$ 167,904.40	$ 191,490.90		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2016 (10 Year Property Half-Year Convention)	L14 - L17		5,377.23	8,435.78	14,000.94	23,042.02	44,720.91	22,700.80	73,104.19	77,482.55	88,540.73	142,492.41	167,904.41	191,490.91		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		44.81	140.60	350.02	768.07	1,863.37	1,135.04	4,264.41	5,165.50	6,640.55	11,874.37	15,391.24	19,149.09		
22	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L17 + L21		5,422.04	8,576.39	14,350.96	23,810.10	46,584.28	23,835.83	77,368.61	82,648.04	95,181.27	154,366.77	183,295.64	210,639.99		
23	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2015 Bonus Only	L23 x L25	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
27	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	73,148.44	10,972.27	21,944.53	32,916.80	43,889.06	54,861.33	65,833.60	76,805.86	87,778.13	98,750.39	109,722.66	120,694.92	131,667.19		
31	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L26 + L30	804,632.84	815,605.11	826,577.37	837,549.64	848,521.90	859,494.17	870,466.44	881,438.70	892,410.97	903,383.23	914,355.50	925,327.76	936,300.03		
32	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2014 Bonus Only	L32 x L34	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
36	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	$ 888,840.77	38,093.18	76,186.35	114,279.53	152,372.70	190,465.88	228,559.06	266,652.23	304,745.41	342,838.58	380,931.76	419,024.94	457,118.11		
40	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L35 + L39	$ 4,063,272.12	4,101,365.30	4,139,458.47	4,177,551.65	4,215,644.82	4,253,738.00	4,291,831.18	4,329,924.35	4,368,017.53	4,406,110.70	4,444,203.88	4,482,297.06	4,520,390.23		
41	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2013 Bonus Only	L41 x L43	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,636,560.56	37,054.20	74,108.40	111,162.60	148,216.81	185,271.01	222,325.21	259,379.41	296,433.61	333,487.81	370,542.01	407,596.21	444,650.42		
49	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L44 + L48	$ 5,496,373.20	5,533,427.40	5,570,481.60	5,607,535.80	5,644,590.01	5,681,644.21	5,718,698.41	5,755,752.61	5,792,806.81	5,829,861.01	5,866,915.21	5,903,969.41	5,941,023.62		
50	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2012 Bonus Only	L50 x L52	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,085,316.08	29,714.72	59,429.45	89,144.17	118,858.89	148,573.61	178,288.34	208,003.06	237,717.78	267,432.50	297,147.23	326,861.95	356,576.67		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Year Balances	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Estimate	Dec 2016 Estimate	YTD 2016 Estimate	Cumulative Balance Estimate
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
58	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L53 + L57	$ 5,952,742.01	5,982,456.73	6,012,171.46	6,041,886.18	6,071,600.90	6,101,315.62	6,131,030.35	6,160,745.07	6,190,459.79	6,220,174.51	6,249,889.24	6,279,603.96	6,309,318.68		
59	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
60	Year Six Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
61	YTD Year Six Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
62	Total Accumulated Tax Depreciation - 2011	L59 x L61	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
63	YTD Spend - 2010	AMI Spend 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		
64	Year Seven Tax Rate	Tax		6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
65	YTD Year Seven Tax Rate	L64/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		
66	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L63 x L65 + Prev L66	$ 1,354,963.40	$ 1,355,962.33	$ 1,356,961.25	$ 1,357,960.18	$ 1,358,959.11	$ 1,359,958.03	$ 1,360,956.96	$ 1,361,955.89	$ 1,362,954.81	$ 1,363,953.74	$ 1,364,952.67	$ 1,365,951.59	$ 1,366,950.52		
67	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 6	$ 25,587,358.90	$ 25,709,614.24	$ 25,829,601.87	$ 25,952,209.74	$ 26,078,502.17	$ 26,218,109.64	$ 26,312,194.50	$ 26,482,560.56	$ 26,604,673.28	$ 26,734,039.79	$ 26,910,058.60	$ 27,055,820.75	$ 27,199,998.40		
68	Variance Tax vs Book Depreciation	L67 - L13		$ 15,433,086.32	$ 15,281,370.37	$ 15,132,202.79	$ 14,986,598.05	$ 14,854,052.35	$ 14,675,986.89	$ 14,573,966.10	$ 14,423,235.46	$ 14,279,629.97	$ 14,182,135.03	$ 14,053,722.07	$ 13,923,316.29		
69	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
70	Accumulated Deferred Income Tax (ADIT)	L68 x L69	$ 5,767,070.02	$ 5,711,785.25	$ 5,655,635.17	$ 5,600,428.25	$ 5,546,539.94	$ 5,497,484.77	$ 5,431,582.75	$ 5,393,824.85	$ 5,338,039.44	$ 5,284,891.05	$ 5,248,808.17	$ 5,201,282.54	$ 5,153,019.36		
71	**Rate Base Balance**	L12 - L70	$ 16,818,652.21	$ 16,613,058.16	$ 16,403,621.77	$ 16,198,183.55	$ 15,998,256.86	$ 15,818,516.63	$ 15,568,228.10	$ 15,434,405.95	$ 15,226,104.70	$ 15,028,397.45	$ 14,898,869.94	$ 14,723,044.46	$ 14,543,897.21		
	Overall Rate Of Return (ROR)																
72	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
73	**Return on Rate Base**	L71 x L72	$ 1,934,145.00	$ 159,208.47	$ 314,402.75	$ 465,697.78	$ 613,266.51	$ 757,970.59	$ 895,173.12	$ 1,035,391.40	$ 1,167,334.69	$ 1,296,199.28	$ 1,427,808.37	$ 1,552,054.27	$ 1,672,548.18		
	Reasonably Incurred Operating Expenses																
74	**Reserve for Accumulated Depreciation**	L11	10,004,894.64	$ 10,276,527.92	$ 10,548,231.50	$ 10,820,006.95	$ 11,091,904.12	$ 11,364,057.29	$ 11,636,207.61	$ 11,908,594.46	$ 12,181,437.82	$ 12,454,409.82	$ 12,727,923.57	$ 13,002,098.68	$ 13,276,682.11		
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2016																
75	Total - 2016 In-Service Year - One	L7		$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 50,824.00	$ 47,173.00	$ 382,981.81	
76	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
77	Net Taxable Value - 2016 In-Service Year - One	L75 - L76		$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 50,824.00	$ 47,173.00	$ 382,981.81	
78	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
79	2016 Monthly True Value Amount	L77 x L78		$ 10,539.37	$ 5,994.77	$ 10,907.70	$ 17,720.53	$ 42,490.61	$ (43,159.43)	$ 98,790.66	$ 8,581.57	$ 21,674.03	$ 105,745.29	$ 49,807.52	$ 46,229.54	$ 375,322.16	
80	Total - 2015 In-Service Year - Two	L26	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
81	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
82	Net Taxable Value - 2015 In-Service Year - Two	L80 - L81	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
83	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
84	Monthly True Value Percent	L83/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
85	2016 Monthly True Value Amount	L82 x L84		$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 1,375,190.66	
86	Total - 2014 In-Service Year - Three	L32	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
87	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
88	Net Taxable Value - 2014 In-Service Year - Three	L86 - L87	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
89	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
90	Monthly True Value Percent	L89/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
91	2016 Monthly True Value Amount	L88 x L90		$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 5,713,976.42	
92	Total - 2013 In-Service Year - Four	L41	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
93	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
94	Net Taxable Value - 2013 In-Service Year - Four	L92 - L93	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
95	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
96	Monthly True Value Percent	L95/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
97	2016 Monthly True Value Amount	L94 x L96		$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 6,638,877.74	
98	Total - 2012 In-Service Year - Five	Prev L98	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
99	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
100	Net Taxable Value - 2012 In-Service Year - Five	L98 - L99	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
101	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
102	Monthly True Value Percent	L101/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
103	2016 Monthly True Value Amount	L100 x L102		$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 6,342,578.52	
104	Total - 2011 In-Service Year - Six	Prev L104	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
105	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
106	Net Taxable Value - 2011 In-Service Year - Six	L104 - L105	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
107	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
108	Monthly True Value Percent	L107/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
109	2016 True Value Amount	L106 x L108		$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 6,173,992.80	
110	Total - 2010 Spend Year - Seven	Prev L110	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
111	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
112	Net Taxable Value - 2010 Spend Year - Seven	L110 - L111	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
113	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
114	Monthly True Value Percent	L113/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
115	2016 True Value Amount	L112 x L114		$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 1,042,610.40	

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THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Year Balances	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Estimate	Dec 2016 Estimate	YTD 2016 Estimate	Cumulative Balance Estimate
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
116	Total Monthly True Value Amount	Sum True Value Amts		$ 2,284,474.92	$ 2,279,930.32	$ 2,284,843.25	$ 2,291,656.08	$ 2,316,426.16	$ 2,230,776.12	$ 2,372,726.21	$ 2,282,517.12	$ 2,295,609.58	$ 2,379,680.84	$ 2,323,743.07	$ 2,320,165.09	$ 27,662,548.70	
117	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
118	Assessed Value	L116 x L117		$ 1,941,803.68	$ 1,937,940.77	$ 1,942,116.76	$ 1,947,907.66	$ 1,968,962.23	$ 1,896,159.70	$ 2,016,817.27	$ 1,940,139.55	$ 1,951,268.14	$ 2,022,728.71	$ 1,975,181.61	$ 1,972,140.32	$ 23,513,166.40	
119	Tax Rate (Mills)	Tax		11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%		
120	2016 Monthly Property Tax Liability	L118 x L119		$ 218,452.91	$ 218,018.34	$ 218,488.14	$ 219,139.61	$ 221,508.25	$ 213,317.97	$ 226,891.94	$ 218,265.70	$ 219,517.67	$ 227,556.98	$ 222,207.93	$ 221,865.79	$ 2,645,231.23	
121	Prior Period Adjustment - 2015 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
122	**2016 Monthly Property Tax Liability Adjusted**	L120 + L121		$ 218,452.91	$ 218,018.34	$ 218,488.14	$ 219,139.61	$ 221,508.25	$ 213,317.97	$ 226,891.94	$ 218,265.70	$ 219,517.67	$ 227,556.98	$ 222,207.93	$ 221,865.79	$ 2,645,231.23	$ 12,588,925.75
123	**Cumulative Property Tax Liability**	L122 + Prev L123	$ 9,943,694.52	$ 10,162,147.43	$ 10,380,165.77	$ 10,598,653.91	$ 10,817,793.52	$ 11,039,301.77	$ 11,252,619.74	$ 11,479,511.68	$ 11,697,777.38	$ 11,917,295.05	$ 12,144,852.03	$ 12,367,059.96	$ 12,588,925.75		
	O&M Expenses - Recovery 10 Years																
124	Rider AMI's Monthly O&M Costs	2016 Costs L45		$ 63,618.62	$ 124,589.57	$ 181,649.67	$ 111,330.33	$ 230,150.38	$ 287,304.09	$ 186,999.30	$ 159,678.60	$ 161,006.36	$ 168,640.00	$ 209,587.00	$ 209,586.00	$ 2,094,139.92	$ 3,763,711.08
125	Accumulated Rider AMI O&M Costs	L124 + Prev L125	$ 1,669,571.16	1,733,189.78	1,857,779.35	2,039,429.02	2,150,759.35	2,380,909.73	2,668,213.82	2,855,213.12	3,014,891.72	3,175,898.08	3,344,538.08	3,554,125.08	3,763,711.08		
	Revenue Requirement - Based on Spend																
126	Accumulative Return on Rate Base	L73 + Prev L126	$ 7,757,735.99	$ 7,916,944.46	$ 8,072,138.74	$ 8,223,433.77	$ 8,371,002.50	$ 8,515,706.58	$ 8,652,909.11	$ 8,793,127.39	$ 8,925,070.68	$ 9,053,935.27	$ 9,185,544.36	$ 9,309,790.26	$ 9,430,284.17		
127	Reserve for Accumulated Depreciation	L74	$ 10,004,894.64	10,276,527.92	10,548,231.50	10,820,006.95	11,091,904.12	11,364,057.29	11,636,207.61	11,908,594.46	12,181,437.82	12,454,409.82	12,727,923.57	13,002,098.68	13,276,682.11		
128	Accumulative Property Tax Liability	L123	$ 9,943,694.52	10,162,147.43	10,380,165.77	10,598,653.91	10,817,793.52	11,039,301.77	11,252,619.74	11,479,511.68	11,697,777.38	11,917,295.05	12,144,852.03	12,367,059.96	12,588,925.75		
129	Accumulated Recoverable O&M Costs	L125	1,669,571.16	1,733,189.78	1,857,779.35	2,039,429.02	2,150,759.35	2,380,909.73	2,668,213.82	2,855,213.12	3,014,891.72	3,175,898.08	3,344,538.08	3,554,125.08	3,763,711.08		
130	Total Recoverable Costs without CAT	Sum (L126 - L129)	$ 29,375,896.31	$ 30,088,809.59	$ 30,858,315.36	$ 31,681,523.65	$ 32,431,459.49	$ 33,299,975.37	$ 34,209,950.28	$ 35,036,446.65	$ 35,819,177.60	$ 36,601,538.22	$ 37,402,858.04	$ 38,233,073.98	$ 39,059,603.11		
131	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
132	CAT Tax Amount	L130 / (1 - L131) - L130	76,576.43	78,434.84	80,440.77	82,586.69	84,541.60	86,805.63	89,177.73	91,332.23	93,372.63	95,412.07	97,500.93	99,665.12	101,819.70		
133	Total Revenue Requirement Excluding Rider AMI Revenues	L130 + L132	$ 29,452,472.74	$ 30,167,244.43	$ 30,938,756.13	$ 31,764,110.34	$ 32,516,001.09	$ 33,386,781.00	$ 34,299,128.01	$ 35,127,778.88	$ 35,912,550.23	$ 36,696,950.29	$ 37,500,358.97	$ 38,332,739.10	$ 39,161,422.81		
134	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L134	$ 29,884,551.17	$ 30,828,564.11	$ 31,773,845.14	$ 32,722,141.08	$ 33,239,411.10	$ 33,768,501.85	$ 34,298,428.93	$ 35,048,628.31	$ 35,807,898.03	$ 36,563,542.34	$ 37,421,293.65	$ 38,279,538.53	$ 39,137,783.41		
135	Revenue Requirement Adjusted for Rider AMI Revenues	L133 - L134	$ (432,078.43)	$ (661,319.68)	$ (835,089.01)	$ (958,030.74)	$ (723,410.01)	$ (381,720.85)	$ 699.08	$ 79,150.57	$ 104,652.20	$ 133,407.95	$ 79,065.32	$ 53,200.57	$ 23,639.40		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Years Balance	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Estimate	Dec 2016 Estimate	YTD 2016	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	$ 33,137,327.97	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	$ 14,784,220.11	$ 464,331.21	$ 468,152.54	$ 469,773.45	$ 252,604.18	$ 262,410.35	$ 262,213.45	$ 372,041.63	$ 375,861.18	$ 373,507.23	$ 425,721.04	$ 425,759.96	$ 425,759.96	$ 4,578,136.18	$ 19,362,356.29
3	CEI	Sales Report	$ 10,578,289.99	$ 335,806.66	$ 334,469.80	$ 335,106.67	$ 184,540.78	$ 187,197.69	$ 187,828.57	$ 264,076.57	268,500.41	267,819.96	301,699.59	303,248.78	303,248.78	3,273,544.27	13,851,834.26
4	TE	Sales Report	$ 4,522,041.07	$ 143,875.07	$ 142,658.69	$ 143,415.82	$ 80,125.06	$ 79,482.71	$ 79,885.06	$ 114,081.18	114,908.13	114,317.12	130,330.68	129,236.14	129,236.14	1,401,551.79	5,923,592.86
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	$ 29,884,551.17	$ 944,012.94	$ 945,281.03	$ 948,295.94	$ 517,270.02	$ 529,090.75	$ 529,927.08	$ 750,199.38	$ 759,269.72	$ 755,644.31	$ 857,751.31	$ 858,244.88	$ 858,244.88	$ 9,253,232.24	$ 39,137,783.41
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	CEI	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	$ 21,760,998.72	$ -	$ -	$ -	$ -	$ 10,618.63	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,618.63	$ 21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,282,013.37	-	-	-	-	10,618.63	-	-	-	-	-	-	-	10,618.63	18,292,632.00
13	Cyber Security	L14 + L15	$ 17,310.72	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	$ 2,887,480.85	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	$ 34,218,857.99	$ (13,845.75)	$ -	$ -	$ -	$ 14,536.63	$ -	$ -	$ -	$ 5,670.33	$ -	$ -	$ -	$ 6,361.21	$ 34,225,219.20
20	Labor	SGMI	9,263,051.28	(13,845.75)	-	-	-	-	-	-	-	-	-	-	-	(13,845.75)	9,249,205.53
21	Non-Labor	SGMI	24,955,806.71		-	-	-	14,536.63	-	-	-	5,670.33	-	-	-	20,206.96	24,976,013.67
22	Planning	L23 + L24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	$ 23,625.51	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	$ 7,108,626.33	$ (1,205.54)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (1,205.54)	$ 7,107,420.79
29	Labor	SGMI	3,864,704.20	(1,205.54)	-	-	-	-	-	-	-	-	-	-	-	(1,205.54)	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	$ 1,119,998.38	$ 60,796.55	$ 83,734.02	$ 80,186.18	$ 101,199.74	$ 119,960.03	$ 180,269.74	$ 215,986.35	$ 139,707.79	$ 140,421.64	$ 212,320.49	$ 159,423.00	$ 155,771.00	$ 1,649,776.53	2,769,774.91
32	Labor	SGMI	467,886.78	24,020.50	34,952.46	41,840.24	43,782.56	51,697.61	53,539.17	90,633.15	75,804.64	61,064.23	83,075.94	96,626.00	92,975.00	$ 750,011.50	1,217,898.28
33	Non-Labor (See Note 2)	SGMI	652,111.60	36,776.05	48,781.56	38,345.94	57,417.18	68,262.42	126,730.57	125,353.20	63,903.15	79,357.41	129,244.55	62,797.00	62,796.00	$ 899,765.03	1,551,876.63
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	$ 468,475.31	$ 28,627.82	$ 46,972.66	$ 112,593.80	$ 28,212.76	$ 128,392.86	$ 62,994.12	$ 71,819.75	$ 28,727.51	$ 37,030.75	$ 64,222.87	$ 100,988.00	$ 100,988.00	$ 811,570.90	1,280,046.21
35	Labor	SGMI	45,496.60	11,469.70	9,280.30	18,627.43	16,601.53	25,301.11	22,708.29	24,288.98	13,766.03	13,317.10	14,806.81	24,494.00	24,494.00	$ 219,155.28	264,651.88
36	Non-Labor	SGMI	422,978.71	17,158.12	37,692.36	93,966.37	11,611.23	103,091.75	40,285.83	47,530.77	14,961.48	23,713.65	49,416.06	76,494.00	76,494.00	$ 592,415.62	1,015,394.33
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13, 16, 19, 22, 25, 28	$ 67,605,373.81	$ 74,373.08	$ 130,706.68	$ 192,779.98	$ 129,412.50	$ 273,508.15	$ 243,263.86	$ 287,806.10	$ 168,435.30	$ 183,122.72	$ 276,543.36	$ 260,411.00	$ 256,759.00	$ 2,477,121.73	70,082,495.54
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	$ 1,793,068.59	$ 63,618.62	$ 124,589.57	$ 181,649.67	$ 111,330.33	$ 230,150.38	$ 287,304.09	$ 186,999.30	$ 159,678.60	$ 161,006.36	$ 168,640.00	$ 209,587.00	$ 209,586.00	$ 2,094,139.92	$ 3,887,208.51
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	$ 1,793,068.59	$ 63,618.62	$ 124,589.57	$ 181,649.67	$ 111,330.33	$ 230,150.38	$ 287,304.09	$ 186,999.30	$ 159,678.60	$ 161,006.36	$ 168,640.00	$ 209,587.00	$ 209,586.00	$ 2,094,139.92	$ 3,887,208.51
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	67,605,373.81	74,373.08	130,706.68	192,779.98	129,412.50	273,508.15	243,263.86	287,806.10	168,435.30	183,122.72	276,543.36	260,411.00	256,759.00	$ 2,477,121.73	$ 70,082,495.54
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	$ 32,997,542.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	$ 32,938,259.89	$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 50,824.00	$ 47,173.00	$ 382,981.81	$ 33,321,241.70
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	$ 1,669,571.16	$ 63,618.62	$ 124,589.57	$ 181,649.67	$ 111,330.33	$ 230,150.38	$ 287,304.09	$ 186,999.30	$ 159,678.60	$ 161,006.36	$ 168,640.00	$ 209,587.00	$ 209,586.00	$ 2,094,139.92	$ 3,763,711.08
46	**Total Monthly Rider AMI Costs**	L44 + L45	$ 34,607,831.05	$ 74,373.08	$ 130,706.68	$ 192,779.98	$ 129,412.50	$ 273,508.15	$ 243,263.86	$ 287,806.10	$ 168,435.30	$ 183,122.72	$ 276,543.36	$ 260,411.00	$ 256,759.00	$ 2,477,121.73	$ 37,084,952.78
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	$ 34,607,831.05	$ 34,682,204.13	$ 34,812,910.81	$ 35,005,690.79	$ 35,135,103.29	$ 35,408,611.44	$ 35,651,875.30	$ 35,939,681.40	$ 36,108,116.70	$ 36,291,239.42	$ 36,567,782.78	$ 36,828,193.78	$ 37,084,952.78		
	Note 1 - OH DA/VVC Post-DOE Non-Labor costs adjusted in SAP in May 2016 for a cost adjustment made in November 2015. Adjusted amounts listed below:																
			$ -					$ 207.00								$ 207.00	$ 207.00
	Note 2 - OH DA/VVC Post-DOE Non-Labor costs were adjusted in June 2015 - June 2016 for costs that were charged in error to a SGMI Order. Adjustments made in SAP for these costs occurred in June and August 2016. Adjusted amounts listed below:																
			$ (3,719.84)	$ (1,497.11)	$ (1,526.66)	$ (1,495.83)	$ (1,496.67)	$ (1,496.25)	$ 11,080.77		$ 151.59					$ 3,719.84	$ -

Case No. 16-2166-EL-RDR
TOTAL OHIO COMPANIES (OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY & THE TOLEDO EDISON COMPANY)
Advanced Metering Infrastructure Rider (Rider AMI) - Rate Design
Rates to Begin on April 1, 2017 Using June 2017 Revenue Requirement

Line No.	Description	Source	RS Residential	GS Secondary	GP Primary	GSU Subtransmission	ESIP & STL Street Lighting	TRF Traffic Lighting	POL Private Outdoor Lighting	Total
A	B	C	D	E	F	G	H	I	J	K
	OH Companies' Revenue Allocation by Rate Schedule (Excluding GT) Based on Distribution Rate Case (07-551-EL-AIR)									
1	Accumulated Revenue Requirement Adjusted for Rider AMI Revenues - Based on Spend as of June 2017	AMI Spend 2017 L150								$ 2,437,904
2	Revenue Requirement Allocation % per Schedule A (Excluding GT) from D Rate Case	Stip & Recommendation dated 2/11/08	56.69%	34.25%	3.59%	1.69%	2.64%	0.05%	1.09%	100%
3	Total Revenue Requirement per Rate Schedule (Excluding GT)	KL1 x L2	$ 1,381,968	$ 834,952	$ 87,491	$ 41,241	$ 64,436	$ 1,152	$ 26,663	$ 2,437,904
	Total OH Companies' Actual # Customers Except ESIP/STL Used # Fixtures as of February 2017									
4	Apr 2017	RODS	1,897,815	214,886	1,679	678	392,916	1,620	25,789	
5	May 2017	RODS	1,897,815	214,886	1,679	678	392,916	1,620	25,789	
6	June 2017	RODS	1,897,815	214,886	1,679	678	392,916	1,620	25,789	
7	Total # Customers	Sum (L4 - L6)	5,693,445	644,658	5,037	2,034	1,178,748	4,860	77,367	
	Total OH Companies' Monthly Customer/Fixture Charge									
8	OH Companies' Monthly Customer Charge	(L3/L7)	$ 0.243	$ 1.295	$ 17.370	$ 20.276	$ 0.055	$ 0.237	$ 0.345	
9	OH Companies' Monthly Customer Charge - Jan 2017	Tariff Sheets	$ 0.253	$ 1.341	$ 18.022	$ 21.637	$ 0.057	$ 0.247	$ 0.357	
10	OH Monthly Customer Charge - Apr 2017 vs Jan 2017	L8 - L9	$ (0.010)	$ (0.046)	$ (0.652)	$ (1.361)	$ (0.002)	$ (0.010)	$ (0.012)	

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017 Estimate	May 2017 Estimate	Jun 2017 Estimate	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2017 Costs L44	$ 33,566,987.79	$ 11,546.89	$ 72,525.44	$ 78,324.21	$ 75,221.99	$ 57,230.29	$ 11,404.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 306,252.82	$ 33,873,240.61
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL -RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 33,219,344.77	$ 11,546.89	$ 72,525.44	$ 78,324.21	$ 75,221.99	$ 57,230.29	$ 11,404.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 306,252.82	$ 33,525,597.59
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 11,546.89	$ 72,525.44	$ 78,324.21	$ 75,221.99	$ 57,230.29	$ 11,404.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 306,252.82	$ 33,525,597.59
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		276,875.99	277,226.29	277,854.83	278,494.60	279,046.49	279,332.46	279,379.98	279,379.98	279,379.98	279,379.98	279,379.98	279,379.98	3,345,110.54	16,625,190.14
9	Monthly Net Spend	L7 - L8		$ (265,329.10)	$ (204,700.85)	$ (199,530.62)	$ (203,272.61)	$ (221,816.20)	$ (267,928.46)	$ (279,379.98)	$ (279,379.98)	$ (279,379.98)	$ (279,379.98)	$ (279,379.98)	$ (279,379.98)	$ (3,038,857.72)	$ 16,900,407.45
10	Accumulated Spend	L7 + Prev L10	$ 33,219,344.77	$ 33,230,891.66	$ 33,303,417.10	$ 33,381,741.31	$ 33,456,963.30	$ 33,514,193.59	$ 33,525,597.59	$ 33,525,597.59	$ 33,525,597.59	$ 33,525,597.59	$ 33,525,597.59	$ 33,525,597.59	$ 33,525,597.59		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	13,280,079.60	13,556,955.59	13,834,181.88	14,112,036.71	14,390,531.31	14,669,577.80	14,948,910.26	15,228,290.24	15,507,670.22	15,787,050.20	16,066,430.18	16,345,810.16	16,625,190.14		
12	Accumulated Net Spend	L10 - L11	$ 19,939,265.17	$ 19,673,936.07	$ 19,469,235.22	$ 19,269,704.60	$ 19,066,431.99	$ 18,844,615.79	$ 18,576,687.33	$ 18,297,307.35	$ 18,017,927.37	$ 17,738,547.39	$ 17,459,167.41	$ 17,179,787.43	$ 16,900,407.45		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,181.88	$ 14,112,036.71	$ 14,390,531.31	$ 14,669,577.80	$ 14,948,910.26	$ 15,228,290.24	$ 15,507,670.22	$ 15,787,050.20	$ 16,066,430.18	$ 16,345,810.16	$ 16,625,190.14		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2017	L10 - Prior Yr L10		11,546.89	84,072.33	162,396.54	237,618.53	294,848.82	306,252.82	306,252.82	306,252.82	306,252.82	306,252.82	306,252.82	306,252.82		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2017 Bonus Only	L14 x L16		$ 5,773.45	$ 42,036.17	$ 81,198.27	$ 118,809.27	$ 147,424.41	$ 153,126.41	$ 153,126.41	$ 153,126.41	$ 153,126.41	$ 153,126.41	$ 153,126.41	$ 153,126.41		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2017 (10 Year Property Half-Year Convention)	L14 - L17		5,773.44	42,036.16	81,198.27	118,809.26	147,424.41	153,126.41	153,126.41	153,126.41	153,126.41	153,126.41	153,126.41	153,126.41		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2017 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		48.11	700.60	2,029.96	3,960.31	6,142.68	7,656.32	8,932.37	10,208.43	11,484.48	12,760.53	14,036.59	15,312.64		
22	Total Accumulated Tax Depreciation - 2017 (Includes Bonus)	L17 + L21		5,821.56	42,736.77	83,228.23	122,769.58	153,567.09	160,782.73	162,058.78	163,334.84	164,610.89	165,886.94	167,163.00	168,439.05		
23	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L14	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2016 Bonus Only	L23 x L25	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
27	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L18	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	31,436.39	4,715.46	9,430.92	14,146.38	18,861.84	23,577.30	28,292.76	33,008.21	37,723.67	42,439.13	47,154.59	51,870.05	56,585.51		
31	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L26 + L30	345,800.34	350,515.80	355,231.26	359,946.72	364,662.18	369,377.64	374,093.10	378,808.55	383,524.01	388,239.47	392,954.93	397,670.39	402,385.85		
32	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2015 Bonus Only	L32 x L34	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
36	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	204,815.63	8,777.81	17,555.63	26,333.44	35,111.25	43,889.06	52,666.88	61,444.69	70,222.50	79,000.31	87,778.13	96,555.94	105,333.75		
40	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L35 + L39	936,300.03	945,077.84	953,855.66	962,633.47	971,411.28	980,189.09	988,966.91	997,744.72	1,006,522.53	1,015,300.34	1,024,078.16	1,032,855.97	1,041,633.78		
41	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2014 Bonus Only	L41 x L43	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,345,958.88	30,474.54	60,949.08	91,423.62	121,898.16	152,372.70	182,847.25	213,321.79	243,796.33	274,270.87	304,745.41	335,219.95	365,694.49		
49	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L44 + L48	$ 4,520,390.23	4,550,864.77	4,581,339.31	4,611,813.85	4,642,288.39	4,672,762.93	4,703,237.48	4,733,712.02	4,764,186.56	4,794,661.10	4,825,135.64	4,855,610.18	4,886,084.72		
50	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2013 Bonus Only	L50 x L52	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,081,210.98	29,656.23	59,312.45	88,968.68	118,624.91	148,281.14	177,937.36	207,593.59	237,249.82	266,906.04	296,562.27	326,218.50	355,874.73		
58	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L53 + L57	$ 5,941,023.62	5,970,679.85	6,000,336.07	6,029,992.30	6,059,648.53	6,089,304.76	6,118,960.98	6,148,617.21	6,178,273.44	6,207,929.66	6,237,585.89	6,267,242.12	6,296,898.35		
59	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
60	Year Six Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
61	YTD Year Six Tax Rate (50% Bonus)	L60	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
62	Total Accumulated Tax Depreciation - 2012 Bonus Only	L59 x L61	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
63	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
64	Year Six Tax Rate	Tax	9.22%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
65	YTD Year Six Tax Rate	L64/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017 Estimate	May 2017 Estimate	Jun 2017 Estimate	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
66	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L63 x L65	$ 2,441,892.75	21,109.70	42,219.40	63,329.10	84,438.80	105,548.50	126,658.20	147,767.90	168,877.60	189,987.30	211,097.00	232,206.70	253,316.40		
67	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L62 + L66	$ 6,309,318.68	6,330,428.38	6,351,538.08	6,372,647.78	6,393,757.48	6,414,867.18	6,435,976.88	6,457,086.58	6,478,196.28	6,499,305.98	6,520,415.68	6,541,525.38	6,562,635.08		
68	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
69	Year Seven Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
70	YTD Year Seven Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
71	Total Accumulated Tax Depreciation - 2011	L68 x L70	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
72	YTD Spend - 2010	AMI SPEND 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		
73	Year Eight Tax Rate	Tax		6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%		
74	YTD Year Eight Tax Rate	L73/12 x (Month #)		0.55%	1.09%	1.64%	2.19%	2.73%	3.28%	3.83%	4.37%	4.92%	5.47%	6.01%	6.56%		
75	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L72 x L74 + Prev L75	$ 1,366,950.52	$ 1,367,950.97	$ 1,368,951.42	$ 1,369,951.88	$ 1,370,952.33	$ 1,371,952.78	$ 1,372,953.23	$ 1,373,953.68	$ 1,374,954.14	$ 1,375,954.59	$ 1,376,955.04	$ 1,377,955.49	$ 1,378,955.94		
76	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 6	$ 27,335,158.75	$ 27,436,714.50	$ 27,569,363.90	$ 27,705,589.56	$ 27,840,865.10	$ 27,967,396.80	$ 28,070,346.64	$ 28,167,356.87	$ 28,264,367.13	$ 28,361,377.36	$ 28,458,387.61	$ 28,555,397.86	$ 28,652,408.10		
77	Variance Tax vs Book Depreciation	L76 - L13		$ 13,879,758.91	$ 13,735,182.02	$ 13,593,552.85	$ 13,450,333.79	$ 13,297,819.00	$ 13,121,436.38	$ 12,939,066.63	$ 12,756,696.91	$ 12,574,327.16	$ 12,391,957.43	$ 12,209,587.70	$ 12,027,217.96		
78	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
79	Accumulated Deferred Income Tax (ADIT)	L77 x L78	$ 5,201,784.79	$ 5,136,898.77	$ 5,083,390.87	$ 5,030,973.91	$ 4,977,968.54	$ 4,921,522.81	$ 4,856,243.60	$ 4,788,748.56	$ 4,721,253.53	$ 4,653,758.48	$ 4,586,263.44	$ 4,518,768.41	$ 4,451,273.37		
80	**Rate Base Balance**	L12 - L79	$ 14,737,480.38	$ 14,537,037.30	$ 14,385,844.35	$ 14,238,730.69	$ 14,088,463.45	$ 13,923,092.98	$ 13,720,443.73	$ 13,508,558.79	$ 13,296,673.84	$ 13,084,788.91	$ 12,872,903.97	$ 12,661,019.02	$ 12,449,134.08		
	Overall Rate Of Return (ROR)																
81	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
82	**Return on Rate Base**	L80 x L81	$ 1,694,810.24	$ 139,313.27	$ 275,728.68	$ 409,363.51	$ 540,057.77	$ 667,148.21	$ 788,925.51	$ 906,199.15	$ 1,019,411.66	$ 1,128,563.04	$ 1,233,653.30	$ 1,334,682.42	$ 1,431,650.42		
	Reasonably Incurred Operating Expenses																
83	**Reserve for Accumulated Depreciation**	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,181.88	$ 14,112,036.71	$ 14,390,531.31	$ 14,669,577.80	$ 14,948,910.26	$ 15,228,290.24	$ 15,507,670.22	$ 15,787,050.20	$ 16,066,430.18	$ 16,345,810.16	$ 16,625,190.14		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017 Estimate	May 2017 Estimate	Jun 2017 Estimate	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2017																
84	Total - 2017 In-Service Year - One	L7		$ 11,546.89	$ 72,525.44	$ 78,324.21	$ 75,221.99	$ 57,230.29	$ 11,404.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 306,252.82	
85	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
86	Net Taxable Value - 2017 In-Service Year - One	L84 - L85		$ 11,546.89	$ 72,525.44	$ 78,324.21	$ 75,221.99	$ 57,230.29	$ 11,404.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 306,252.82	
87	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
88	2017 Monthly True Value Amount	L86 x L87		$ 11,315.95	$ 71,074.93	$ 76,757.73	$ 73,717.55	$ 56,085.68	$ 11,175.92	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,127.76	
89	Total - 2016 In-Service Year - Two	L23	628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90		
90	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
91	Net Taxable Value - 2016 In-Service Year - Two	L89 - L90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
92	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
93	Monthly True Value Percent	L92/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
94	2017 Monthly True Value Amount	L91 x L93		$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 591,004.23	
95	Total - 2015 In-Service Year - Three	L32	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
96	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
97	Net Taxable Value - 2015 In-Service Year - Three	L95 - L96	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
98	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
99	Monthly True Value Percent	L98/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
100	2017 Monthly True Value Amount	L97 x L99		$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 1,316,671.91	
101	Total - 2014 In-Service Year - Four	L41	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
102	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
103	Net Taxable Value - 2014 In-Service Year - Four	L101 - L102	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
104	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
105	Monthly True Value Percent	L104/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
106	2017 Monthly True Value Amount	L103 x L105		$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 5,460,021.91	
107	Total - 2013 In-Service Year - Five	L50	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
108	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
109	Net Taxable Value - 2013 In-Service Year - Five	L107 - L108	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
110	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
111	Monthly True Value Percent	L110/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
112	2017 Monthly True Value Amount	L109 x L111		$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 6,330,092.73	
113	Total - 2012 In-Service Year - Six	Prev L113	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
114	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
115	Net Taxable Value - 2012 In-Service Year - Six	L113 - L114	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
116	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
117	Monthly True Value Percent	L116/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
118	2017 Monthly True Value Amount	L115 x L117		$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 6,033,184.44	
119	Total - 2011 In-Service Year - Seven	Prev L119	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
120	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
121	Net Taxable Value - 2011 In-Service Year - Seven	L119 - L120	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
122	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
123	Monthly True Value Percent	L122/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
124	2017 Monthly True Value Amount	L121 x L123		$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 5,857,377.72	
125	Total - 2010 Spend Year - Eight	Prev L125	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
126	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
127	Net Taxable Value - 2010 Spend Year - Eight	L125 - L126	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
128	True Value Percent	Should not change		70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%		
129	Monthly True Value Percent	L128/12		5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%		
130	2017 Monthly True Value Amount	L127 x L129		$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 986,253.00	
131	Total Monthly True Value Amount	Sum True Value Amts		$ 2,225,866.45	$ 2,285,625.43	$ 2,291,308.23	$ 2,288,268.05	$ 2,270,636.18	$ 2,225,726.42	$ 2,214,550.50	$ 2,214,550.50	$ 2,214,550.50	$ 2,214,550.50	$ 2,214,550.50	$ 2,214,550.50	$ 26,874,733.70	
132	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
133	Assessed Value	L131 x L132		$ 1,891,986.48	$ 1,942,781.61	$ 1,947,611.99	$ 1,945,027.84	$ 1,930,040.75	$ 1,891,867.45	$ 1,882,367.92	$ 1,882,367.92	$ 1,882,367.92	$ 1,882,367.92	$ 1,882,367.92	$ 1,882,367.92	$ 22,843,523.64	
134	Tax Rate (Mills)	Tax		11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%		
135	2017 Monthly Property Tax Liability	L133 x L134		$ 212,848.48	$ 218,562.93	$ 219,106.35	$ 218,815.63	$ 217,129.58	$ 212,835.09	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 2,569,896.40	
136	Prior Period Adjustment - 2016 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
137	**2017 Monthly Property Tax Liability Adjusted**	L135 + L136		$ 212,848.48	$ 218,562.93	$ 219,106.35	$ 218,815.63	$ 217,129.58	$ 212,835.09	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 2,569,896.40	$ 15,181,851.63
138	**Cumulative Property Tax Liability**	L137 + Prev L138	$ 12,611,955.23	$ 12,824,803.71	$ 13,043,366.64	$ 13,262,472.99	$ 13,481,288.62	$ 13,698,418.20	$ 13,911,253.29	$ 14,123,019.68	$ 14,334,786.07	$ 14,546,552.46	$ 14,758,318.85	$ 14,970,085.24	$ 15,181,851.63		
	O&M Expenses - Recovery 10 Years																
139	Rider AMI's Monthly O&M Costs	2016 Costs L45		$ 165,140.38	$ 182,480.91	$ 224,480.68	$ 183,157.68	$ 183,238.46	$ 274,238.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,212,736.28	$ 4,965,666.74
140	Accumulated Rider AMI O&M Costs	L139 + Prev L140	$ 3,752,930.46	3,918,070.84	4,100,551.75	4,325,032.43	4,508,190.11	4,691,428.57	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74		
	Revenue Requirement - Based on Spend																
141	Accumulative Return on Rate Base	L82 + Prev L141	$ 9,452,546.23	$ 9,591,859.50	$ 9,728,274.91	$ 9,861,909.74	$ 9,992,604.00	$ 10,119,694.44	$ 10,241,471.74	$ 10,358,745.38	$ 10,471,957.89	$ 10,581,109.27	$ 10,686,199.53	$ 10,787,228.65	$ 10,884,196.65		
142	Reserve for Accumulated Depreciation	L83	$ 13,280,079.60	13,556,955.59	13,834,181.88	14,112,036.71	14,390,531.31	14,669,577.80	14,948,910.26	15,228,290.24	15,507,670.22	15,787,050.20	16,066,430.18	16,345,810.16	16,625,190.14		
143	Accumulative Property Tax Liability	L138	$ 12,611,955.23	12,824,803.71	13,043,366.64	13,262,472.99	13,481,288.62	13,698,418.20	13,911,253.29	14,123,019.68	14,334,786.07	14,546,552.46	14,758,318.85	14,970,085.24	15,181,851.63		
144	Accumulated Recoverable O&M Costs	L140	3,752,930.46	3,918,070.84	4,100,551.75	4,325,032.43	4,508,190.11	4,691,428.57	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74	4,965,666.74		
145	Total Recoverable Costs without CAT	Sum (L141 - L144)	$ 39,097,511.52	$ 39,891,689.64	$ 40,706,375.18	$ 41,561,451.87	$ 42,372,614.04	$ 43,179,119.01	$ 44,067,302.03	$ 44,675,722.04	$ 45,280,080.92	$ 45,880,378.67	$ 46,476,615.30	$ 47,068,790.79	$ 47,656,905.16		
146	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
147	CAT Tax Amount	L145 / (1 - L146) - L145	101,918.52	103,988.76	106,112.47	108,341.46	110,455.98	112,558.36	114,873.66	116,459.67	118,035.10	119,599.94	121,154.20	122,697.87	124,230.95		
148	Total Revenue Requirement Excluding Rider AMI Revenues	L145 + L147	$ 39,199,430.04	$ 39,995,678.40	$ 40,812,487.65	$ 41,669,793.33	$ 42,483,070.02	$ 43,291,677.37	$ 44,182,175.69	$ 44,792,181.71	$ 45,398,116.02	$ 45,999,978.61	$ 46,597,769.50	$ 47,191,488.66	$ 47,781,136.11		
149	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L149	$ 39,141,835.23	$ 40,054,034.66	$ 40,899,153.39	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13	$ 41,744,272.13		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017 Estimate	May 2017 Estimate	Jun 2017 Estimate	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
150	Revenue Requirement Adjusted for Rider AMI Revenues	L148 - L149	$ 57,594.81	$ (58,356.26)	$ (86,665.74)	$ (74,478.80)	$ 738,797.89	$ 1,547,405.24	$ 2,437,903.56	$ 3,047,909.58	$ 3,653,843.89	$ 4,255,706.48	$ 4,853,497.37	$ 5,447,216.53	$ 6,036,863.98		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Years Balance	Jan 2017 Actual	Feb 2017 Estimate	Mar 2017 Estimate	Apr 2017 Estimate	May 2017 Estimate	Jun 2017 Estimate	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	$ 33,137,327.97	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	$ 19,362,498.25	$ 447,384.43	$ 418,379.76	$ 418,379.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,284,143.95	$ 20,646,642.20
3	CEI	Sales Report	$ 13,853,482.85	331,567.10	299,756.64	299,756.64	-	-	-	-	-	-	-	-	-	931,080.38	14,784,563.23
4	TE	Sales Report	$ 5,925,854.13	133,247.90	126,982.33	126,982.33	-	-	-	-	-	-	-	-	-	387,212.57	6,313,066.70
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	$ 39,141,835.23	$ 912,199.43	$ 845,118.73	$ 845,118.73	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,602,436.90	$ 41,744,272.13
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	CEI	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	$ 21,771,617.35	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,292,632.00	-	-	-	-	-	-	-	-	-	-	-	-	-	18,292,632.00
13	Cyber Security	L14 + L15	$ 17,310.72	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	$ 2,887,480.85	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	$ 34,225,219.20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 34,225,219.20
20	Labor	SGMI	9,249,205.53	-	-	-	-	-	-	-	-	-	-	-	-	-	9,249,205.53
21	Non-Labor	SGMI	24,976,013.67	-	-	-	-	-	-	-	-	-	-	-	-	-	24,976,013.67
22	Planning	L23 + L24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	$ 23,625.51	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	$ 7,107,420.79	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,107,420.79
29	Labor	SGMI	3,863,498.66	-	-	-	-	-	-	-	-	-	-	-	-	-	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	$ 2,749,675.16	$ 123,547.46	$ 129,806.10	$ 133,638.27	$ 129,012.63	$ 123,344.81	$ 205,870.32	$ -	$ -	$ -	$ -	$ -	$ -	$ 845,219.59	3,594,894.75
32	Labor	SGMI	1,199,481.55	52,612.26	90,063.86	93,896.26	89,270.39	83,602.54	78,128.34	-	-	-	-	-	-	$ 487,573.65	1,687,055.20
33	Non-Labor	SGMI	1,550,193.61	70,935.20	39,742.24	39,742.01	39,742.24	39,742.27	127,741.98	-	-	-	-	-	-	$ 357,645.94	1,907,839.55
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	$ 1,535,111.43	$ 53,139.81	$ 125,200.25	$ 169,166.62	$ 129,367.04	$ 117,123.94	$ 79,771.85	$ -	$ -	$ -	$ -	$ -	$ -	$ 673,769.51	2,208,880.94
35	Labor	SGMI	254,942.99	13,789.91	27,516.76	29,483.13	31,683.55	32,565.45	35,088.36	-	-	-	-	-	-	$ 170,127.16	425,070.15
36	Non-Labor	SGMI	1,280,168.44	39,349.90	97,683.49	139,683.49	97,683.49	84,558.49	44,683.49	-	-	-	-	-	-	$ 503,642.35	1,783,810.79
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13, 16, 19, 22, 25, 28, 31, 34)	$ 70,317,461.01	$ 176,687.27	$ 255,006.35	$ 302,804.89	$ 258,379.67	$ 240,468.75	$ 285,642.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,518,989.10	71,836,450.11
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	$ 3,876,427.89	$ 165,140.38	$ 182,480.91	$ 224,480.68	$ 183,157.68	$ 183,238.46	$ 274,238.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,212,736.28	$ 5,089,164.17
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	$ 3,876,427.89	$ 165,140.38	$ 182,480.91	$ 224,480.68	$ 183,157.68	$ 183,238.46	$ 274,238.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,212,736.28	$ 5,089,164.17
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	70,317,461.01	176,687.27	255,006.35	302,804.89	258,379.67	240,468.75	285,642.17	0.00	0.00	0.00	0.00	0.00	0.00	$ 1,518,989.10	$ 71,836,450.11
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	$ 32,997,542.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	$ 33,566,987.79	$ 11,546.89	$ 72,525.44	$ 78,324.21	$ 75,221.99	$ 57,230.29	$ 11,404.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 306,252.82	$ 33,873,240.61
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	$ 3,752,930.46	$ 165,140.38	$ 182,480.91	$ 224,480.68	$ 183,157.68	$ 183,238.46	$ 274,238.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,212,736.28	$ 4,965,666.74
46	**Total Monthly Rider AMI Costs**	L44 + L45	$ 37,319,918.25	$ 176,687.27	$ 255,006.35	$ 302,804.89	$ 258,379.67	$ 240,468.75	$ 285,642.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,518,989.10	$ 38,838,907.35
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	$ 37,319,918.25	$ 37,496,605.52	$ 37,751,611.87	$ 38,054,416.76	$ 38,312,796.43	$ 38,553,265.18	$ 38,838,907.35	$ 38,838,907.35	$ 38,838,907.35	$ 38,838,907.35	$ 38,838,907.35	$ 38,838,907.35	$ 38,838,907.35		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Year Balances	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Actual	Dec 2016 Actual	YTD 2016 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2016 Costs L44	$ 32,938,259.89	$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 335,648.93	$ 8,094.16	$ 628,727.90	$ 33,566,987.79
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL -RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 32,590,616.87	$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 335,648.93	$ 8,094.16	$ 628,727.90	$ 33,219,344.77
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 335,648.93	$ 8,094.16	$ 628,727.90	$ 33,219,344.77
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		271,633.28	271,703.58	271,775.45	271,897.17	272,153.17	272,150.32	272,386.85	272,843.36	272,972.00	273,513.75	275,361.88	276,794.15	3,275,184.96	13,280,079.60
9	Monthly Net Spend	L7 - L8		$ (260,878.82)	$ (265,586.47)	$ (260,645.14)	$ (253,815.00)	$ (228,795.40)	$ (316,190.55)	$ (171,580.05)	$ (264,086.66)	$ (250,855.64)	$ (165,610.39)	$ 60,287.05	$ (268,699.99)	$ (2,646,457.06)	$ 19,939,265.17
10	Accumulated Spend	L7 + Prev L10	$ 32,590,616.87	$ 32,601,371.33	$ 32,607,488.44	$ 32,618,618.75	$ 32,636,700.92	$ 32,680,058.69	$ 32,636,018.46	$ 32,736,825.26	$ 32,745,581.96	$ 32,767,698.32	$ 32,875,601.68	$ 33,211,250.61	$ 33,219,344.77		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	10,004,894.64	10,276,527.92	10,548,231.50	10,820,006.95	11,091,904.12	11,364,057.29	11,636,207.61	11,908,594.46	12,181,437.82	12,454,409.82	12,727,923.57	13,003,285.45	13,280,079.60		
12	Accumulated Net Spend	L10 - L11	$ 22,585,722.23	$ 22,324,843.41	$ 22,059,256.94	$ 21,798,611.80	$ 21,544,796.80	$ 21,316,001.40	$ 20,999,810.85	$ 20,828,230.80	$ 20,564,144.14	$ 20,313,288.50	$ 20,147,678.11	$ 20,207,965.16	$ 19,939,265.17		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	10,004,894.64	$ 10,276,527.92	$ 10,548,231.50	$ 10,820,006.95	$ 11,091,904.12	$ 11,364,057.29	$ 11,636,207.61	$ 11,908,594.46	$ 12,181,437.82	$ 12,454,409.82	$ 12,727,923.57	$ 13,003,285.45	$ 13,280,079.60		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2016	L10 - Prior Yr L10		10,754.46	16,871.57	28,001.88	46,084.05	89,441.82	45,401.59	146,208.39	154,965.09	177,081.45	284,984.81	620,633.74	628,727.90		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2016 Bonus Only	L14 x L16		$ 5,377.23	8,435.79	$ 14,000.94	$ 23,042.03	$ 44,720.91	$ 22,700.79	$ 73,104.20	$ 77,482.54	$ 88,540.72	$ 142,492.40	$ 310,316.87	$ 314,363.95		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2016 (10 Year Property Half-Year Convention)	L14 - L17		5,377.23	8,435.78	14,000.94	23,042.02	44,720.91	22,700.80	73,104.19	77,482.55	88,540.73	142,492.41	310,316.87	314,363.95		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		44.81	140.60	350.02	768.07	1,863.37	1,135.04	4,264.41	5,165.50	6,640.55	11,874.37	28,445.71	31,436.39		
22	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L17 + L21		5,422.04	8,576.39	14,350.96	23,810.10	46,584.28	23,835.83	77,368.61	82,648.04	95,181.27	154,366.77	338,762.58	345,800.34		
23	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2015 Bonus Only	L23 x L25	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
27	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	73,148.44	10,972.27	21,944.53	32,916.80	43,889.06	54,861.33	65,833.60	76,805.86	87,778.13	98,750.39	109,722.66	120,694.92	131,667.19		
31	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L26 + L30	804,632.84	815,605.11	826,577.37	837,549.64	848,521.90	859,494.17	870,466.44	881,438.70	892,410.97	903,383.23	914,355.50	925,327.76	936,300.03		
32	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2014 Bonus Only	L32 x L34	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
36	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	$ 888,840.77	38,093.18	76,186.35	114,279.53	152,372.70	190,465.88	228,559.06	266,652.23	304,745.41	342,838.58	380,931.76	419,024.94	457,118.11		
40	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L35 + L39	$ 4,063,272.12	4,101,365.30	4,139,458.47	4,177,551.65	4,215,644.82	4,253,738.00	4,291,831.18	4,329,924.35	4,368,017.53	4,406,110.70	4,444,203.88	4,482,297.06	4,520,390.23		
41	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2013 Bonus Only	L41 x L43	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,636,560.56	37,054.20	74,108.40	111,162.60	148,216.81	185,271.01	222,325.21	259,379.41	296,433.61	333,487.81	370,542.01	407,596.21	444,650.42		
49	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L44 + L48	$ 5,496,373.20	5,533,427.40	5,570,481.60	5,607,535.80	5,644,590.01	5,681,644.21	5,718,698.41	5,755,752.61	5,792,806.81	5,829,861.01	5,866,915.21	5,903,969.41	5,941,023.62		
50	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2012 Bonus Only	L50 x L52	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,085,316.08	29,714.72	59,429.45	89,144.17	118,858.89	148,573.61	178,288.34	208,003.06	237,717.78	267,432.50	297,147.23	326,861.95	356,576.67		
58	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L53 + L57	$ 5,952,742.01	5,982,456.73	6,012,171.46	6,041,886.18	6,071,600.90	6,101,315.62	6,131,030.35	6,160,745.07	6,190,459.79	6,220,174.51	6,249,889.24	6,279,603.96	6,309,318.68		
59	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
60	Year Six Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
61	YTD Year Six Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
62	Total Accumulated Tax Depreciation - 2011	L59 x L61	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
63	YTD Spend - 2010	AMI SPEND 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Year Balances	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Actual	Dec 2016 Actual	YTD 2016 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
64	Year Seven Tax Rate	Tax		6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
65	YTD Year Seven Tax Rate	L64/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		
66	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L63 x L65 + Prev L66	$ 1,354,963.40	$ 1,355,962.33	$ 1,356,961.25	$ 1,357,960.18	$ 1,358,959.11	$ 1,359,958.03	$ 1,360,956.96	$ 1,361,955.89	$ 1,362,954.81	$ 1,363,953.74	$ 1,364,952.67	$ 1,365,951.59	$ 1,366,950.52		
67	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 6	$ 25,587,358.90	$ 25,709,614.24	$ 25,829,601.87	$ 25,952,209.74	$ 26,078,502.17	$ 26,218,109.64	$ 26,312,194.50	$ 26,482,560.56	$ 26,604,673.28	$ 26,734,039.79	$ 26,910,058.60	$ 27,211,287.69	$ 27,335,158.75		
68	Variance Tax vs Book Depreciation	L67 - L13		$ 15,433,086.32	$ 15,281,370.37	$ 15,132,202.79	$ 14,986,598.05	$ 14,854,052.35	$ 14,675,986.89	$ 14,573,966.10	$ 14,423,235.46	$ 14,279,629.97	$ 14,182,135.03	$ 14,208,002.24	$ 14,055,079.15		
69	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
70	Accumulated Deferred Income Tax (ADIT)	L68 x L69	$ 5,767,070.02	$ 5,711,785.25	$ 5,655,635.17	$ 5,600,428.25	$ 5,546,539.94	$ 5,497,484.77	$ 5,431,582.75	$ 5,393,824.85	$ 5,338,039.44	$ 5,284,891.05	$ 5,248,808.17	$ 5,258,381.63	$ 5,201,784.79		
71	**Rate Base Balance**	L12 - L70	$ 16,818,652.21	$ 16,613,058.16	$ 16,403,621.77	$ 16,198,183.55	$ 15,998,256.86	$ 15,818,516.63	$ 15,568,228.10	$ 15,434,405.95	$ 15,226,104.70	$ 15,028,397.45	$ 14,898,869.94	$ 14,949,583.53	$ 14,737,480.38		
	Overall Rate Of Return (ROR)																
72	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
73	**Return on Rate Base**	L71 x L72	$ 1,934,145.00	$ 159,208.47	$ 314,402.75	$ 465,697.78	$ 613,266.51	$ 757,970.59	$ 895,173.12	$ 1,035,391.40	$ 1,167,334.69	$ 1,296,199.28	$ 1,427,808.37	$ 1,575,935.26	$ 1,694,810.24		
	Reasonably Incurred Operating Expenses																
74	**Reserve for Accumulated Depreciation**	L11	10,004,894.64	$ 10,276,527.92	$ 10,548,231.50	$ 10,820,006.95	$ 11,091,904.12	$ 11,364,057.29	$ 11,636,207.61	$ 11,908,594.46	$ 12,181,437.82	$ 12,454,409.82	$ 12,727,923.57	$ 13,003,285.45	$ 13,280,079.60		

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For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Year Balances	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Actual	Dec 2016 Actual	YTD 2016 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2016																
75	Total - 2016 In-Service Year - One	L7		$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 335,648.93	$ 8,094.16	$ 628,727.90	
76	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
77	Net Taxable Value - 2016 In-Service Year - One	L75 - L76		$ 10,754.46	$ 6,117.11	$ 11,130.31	$ 18,082.17	$ 43,357.77	$ (44,040.23)	$ 100,806.80	$ 8,756.70	$ 22,116.36	$ 107,903.36	$ 335,648.93	$ 8,094.16	$ 628,727.90	
78	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
79	2016 Monthly True Value Amount	L77 x L78		$ 10,539.37	$ 5,994.77	$ 10,907.70	$ 17,720.53	$ 42,490.61	$ (43,159.43)	$ 98,790.66	$ 8,581.57	$ 21,674.03	$ 105,745.29	$ 328,935.95	$ 7,932.28	$ 616,153.33	
80	Total - 2015 In-Service Year - Two	L26	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
81	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
82	Net Taxable Value - 2015 In-Service Year - Two	L80 - L81	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
83	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
84	Monthly True Value Percent	L83/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
85	2016 Monthly True Value Amount	L82 x L84		$ 114,599.22	114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 114,599.22	$ 1,375,190.66	
86	Total - 2014 In-Service Year - Three	L32	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
87	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
88	Net Taxable Value - 2014 In-Service Year - Three	L86 - L87	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
89	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
90	Monthly True Value Percent	L89/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
91	2016 Monthly True Value Amount	L88 x L90		$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 476,164.70	$ 5,713,976.42	
92	Total - 2013 In-Service Year - Four	L41	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
93	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
94	Net Taxable Value - 2013 In-Service Year - Four	L92 - L93	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
95	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
96	Monthly True Value Percent	L95/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
97	2016 Monthly True Value Amount	L94 x L96		$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 553,239.81	$ 6,638,877.74	
98	Total - 2012 In-Service Year - Five	Prev L98	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
99	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
100	Net Taxable Value - 2012 In-Service Year - Five	L98 - L99	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
101	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
102	Monthly True Value Percent	L101/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
103	2016 Monthly True Value Amount	L100 x L102		$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 528,548.21	$ 6,342,578.52	
104	Total - 2011 In-Service Year - Six	Prev L104	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
105	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
106	Net Taxable Value - 2011 In-Service Year - Six	L104 - L105	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
107	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
108	Monthly True Value Percent	L107/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
109	2016 True Value Amount	L106 x L108		$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 514,499.40	$ 6,173,992.80	
110	Total - 2010 Spend Year - Seven	Prev L110	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
111	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
112	Net Taxable Value - 2010 Spend Year - Seven	L110 - L111	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
113	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
114	Monthly True Value Percent	L113/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
115	2016 True Value Amount	L112 x L114		$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 86,884.20	$ 1,042,610.40	
116	Total Monthly True Value Amount	Sum True Value Amts		$ 2,284,474.92	$ 2,279,930.32	$ 2,284,843.25	$ 2,291,656.08	$ 2,316,426.16	$ 2,230,776.12	$ 2,372,726.21	$ 2,282,517.12	$ 2,295,609.58	$ 2,379,680.84	$ 2,602,871.50	$ 2,281,867.83	$ 27,903,379.87	
117	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
118	Assessed Value	L116 x L117		$ 1,941,803.68	$ 1,937,940.77	$ 1,942,116.76	$ 1,947,907.66	$ 1,968,962.23	$ 1,896,159.70	$ 2,016,817.27	$ 1,940,139.55	$ 1,951,268.14	$ 2,022,728.71	$ 2,212,440.77	$ 1,939,587.65	$ 23,717,872.89	
119	Tax Rate (Mills)	Tax		11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%		
120	2016 Monthly Property Tax Liability	L118 x L119		$ 218,452.91	$ 218,018.34	$ 218,488.14	$ 219,139.61	$ 221,508.25	$ 213,317.97	$ 226,891.94	$ 218,265.70	$ 219,517.67	$ 227,556.98	$ 248,899.59	$ 218,203.61	$ 2,668,260.71	
121	Prior Period Adjustment - 2015 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
122	**2016 Monthly Property Tax Liability Adjusted**	L120 + L121		$ 218,452.91	$ 218,018.34	$ 218,488.14	$ 219,139.61	$ 221,508.25	$ 213,317.97	$ 226,891.94	$ 218,265.70	$ 219,517.67	$ 227,556.98	$ 248,899.59	$ 218,203.61	$ 2,668,260.71	$ 12,611,955.23
123	**Cumulative Property Tax Liability**	L122 + Prev L123	$ 9,943,694.52	$ 10,162,147.43	$ 10,380,165.77	$ 10,598,653.91	$ 10,817,793.52	$ 11,039,301.77	$ 11,252,619.74	$ 11,479,511.68	$ 11,697,777.38	$ 11,917,295.05	$ 12,144,852.03	$ 12,393,751.62	$ 12,611,955.23		
	O&M Expenses - Recovery 10 Years																
124	Rider AMI's Monthly O&M Costs	2016 Costs L45		$ 63,618.62	$ 124,589.57	$ 181,649.67	$ 111,330.33	$ 230,150.38	$ 287,304.09	$ 186,999.30	$ 159,678.60	$ 161,006.36	$ 168,640.00	$ 135,023.60	$ 273,368.78	$ 2,083,359.30	$ 3,752,930.46
125	Accumulated Rider AMI O&M Costs	L124 + Prev L125	$ 1,669,571.16	1,733,189.78	1,857,779.35	2,039,429.02	2,150,759.35	2,380,909.73	2,668,213.82	2,855,213.12	3,014,891.72	3,175,898.08	3,344,538.08	3,479,561.68	3,752,930.46		
	Revenue Requirement - Based on Spend																
126	Accumulative Return on Rate Base	L73 + Prev L126	$ 7,757,735.99	$ 7,916,944.46	$ 8,072,138.74	$ 8,223,433.77	$ 8,371,002.50	$ 8,515,706.58	$ 8,652,909.11	$ 8,793,127.39	$ 8,925,070.68	$ 9,053,935.27	$ 9,185,544.36	$ 9,333,671.25	$ 9,452,546.23		
127	Reserve for Accumulated Depreciation	L74	$ 10,004,894.64	10,276,527.92	10,548,231.50	10,820,006.95	11,091,904.12	11,364,057.29	11,636,207.61	11,908,594.46	12,181,437.82	12,454,409.82	12,727,923.57	13,003,285.45	13,280,079.60		
128	Accumulative Property Tax Liability	L123	$ 9,943,694.52	10,162,147.43	10,380,165.77	10,598,653.91	10,817,793.52	11,039,301.77	11,252,619.74	11,479,511.68	11,697,777.38	11,917,295.05	12,144,852.03	12,393,751.62	12,611,955.23		
129	Accumulated Recoverable O&M Costs	L125	1,669,571.16	1,733,189.78	1,857,779.35	2,039,429.02	2,150,759.35	2,380,909.73	2,668,213.82	2,855,213.12	3,014,891.72	3,175,898.08	3,344,538.08	3,479,561.68	3,752,930.46		
130	Total Recoverable Costs without CAT	Sum (L126 - L129)	$ 29,375,896.31	$ 30,088,809.59	$ 30,858,315.36	$ 31,681,523.65	$ 32,431,459.49	$ 33,299,975.37	$ 34,209,950.28	$ 35,036,446.65	$ 35,819,177.60	$ 36,601,538.22	$ 37,402,858.04	$ 38,210,270.00	$ 39,097,511.52		
131	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
132	CAT Tax Amount	L130 / (1 - L131) - L130	76,576.43	78,434.84	80,440.77	82,586.69	84,541.60	86,805.63	89,177.73	91,332.23	93,372.63	95,412.07	97,500.93	99,605.68	101,918.52		
133	Total Revenue Requirement Excluding Rider AMI Revenues	L130 + L132	$ 29,452,472.74	$ 30,167,244.43	$ 30,938,756.13	$ 31,764,110.34	$ 32,516,001.09	$ 33,386,781.00	$ 34,299,128.01	$ 35,127,778.88	$ 35,912,550.23	$ 36,696,950.29	$ 37,500,358.97	$ 38,309,875.68	$ 39,199,430.04		
134	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L134	$ 29,884,551.17	$ 30,828,564.11	$ 31,773,845.14	$ 32,722,141.08	$ 33,239,411.10	$ 33,768,501.85	$ 34,298,428.93	$ 35,048,628.31	$ 35,807,898.03	$ 36,563,542.34	$ 37,421,293.65	$ 38,279,239.70	$ 39,141,835.23		
135	Revenue Requirement Adjusted for Rider AMI Revenues	L133 - L134	$ (432,078.43)	$ (661,319.68)	$ (835,089.01)	$ (958,030.74)	$ (723,410.01)	$ (381,720.85)	$ 699.08	$ 79,150.57	$ 104,652.20	$ 133,407.95	$ 79,065.32	$ 30,635.98	$ 57,594.81		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2016

Line No.	Description	Source	Prior Years Balance	Jan 2016 Actual	Feb 2016 Actual	Mar 2016 Actual	Apr 2016 Actual	May 2016 Actual	Jun 2016 Actual	Jul 2016 Actual	Aug 2016 Actual	Sep 2016 Actual	Oct 2016 Actual	Nov 2016 Actual	Dec 2016 Actual	YTD 2016	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	33,137,327.97	-	-	-	-	-	-	-	-	-	-	-	-	-	33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	14,784,220.11	464,331.21	468,152.54	469,773.45	252,604.18	262,410.35	262,213.45	372,041.63	375,861.18	373,507.23	425,721.04	424,452.17	427,209.71	4,578,278.14	19,362,498.25
3	CEI	Sales Report	10,578,289.99	335,806.66	334,469.80	335,106.67	184,540.78	187,197.69	187,828.57	264,076.57	268,500.41	267,819.96	301,699.59	303,287.42	304,858.74	3,275,192.86	13,853,482.85
4	TE	Sales Report	4,522,041.07	143,875.07	142,658.69	143,415.82	80,125.06	79,482.71	79,885.06	114,081.18	114,908.13	114,317.12	130,330.68	130,206.46	130,527.08	1,403,813.06	5,925,854.13
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	29,884,551.17	944,012.94	945,281.03	948,295.94	517,270.02	529,090.75	529,927.08	750,199.38	759,269.72	755,644.31	857,751.31	857,946.05	862,595.53	9,257,284.06	39,141,835.23
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	CEI	Business Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	21,760,998.72	-	-	-	-	10,618.63	-	-	-	-	-	-	-	10,618.63	21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,282,013.37	-	-	-	-	10,618.63	-	-	-	-	-	-	-	10,618.63	18,292,632.00
13	Cyber Security	L14 + L15	17,310.72	-	-	-	-	-	-	-	-	-	-	-	-	-	17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	2,887,480.85	-	-	-	-	-	-	-	-	-	-	-	-	-	2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	34,218,857.99	(13,845.75)	-	-	-	14,536.63	-	-	-	5,670.33	-	-	-	6,361.21	34,225,219.20
20	Labor	SGMI	9,263,051.28	(13,845.75)	-	-	-	-	-	-	-	-	-	-	-	(13,845.75)	9,249,205.53
21	Non-Labor	SGMI	24,955,806.71		-	-	-	14,536.63	-	-	-	5,670.33	-	-	-	20,206.96	24,976,013.67
22	Planning	L23 + L24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	23,625.51	-	-	-	-	-	-	-	-	-	-	-	-	-	23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	7,108,626.33	(1,205.54)	-	-	-	-	-	-	-	-	-	-	-	(1,205.54)	7,107,420.79
29	Labor	SGMI	3,864,704.20	(1,205.54)	-	-	-	-	-	-	-	-	-	-	-	(1,205.54)	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	1,119,998.38	60,796.55	83,734.02	80,186.18	101,199.74	119,960.03	180,269.74	215,986.35	139,707.79	140,421.64	212,320.49	113,002.11	182,092.14	1,629,676.78	2,749,675.16
32	Labor	SGMI	467,886.78	24,020.50	34,952.46	41,840.24	43,782.56	51,697.61	53,539.17	90,633.15	75,804.64	61,064.23	83,075.94	77,062.03	94,122.24	731,594.77	1,199,481.55
33	Non-Labor (See Note 2)	SGMI	652,111.60	36,776.05	48,781.56	38,345.94	57,417.18	68,262.42	126,730.57	125,353.20	63,903.15	79,357.41	129,244.55	35,940.08	87,969.90	898,082.01	1,550,193.61
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	468,475.31	28,627.82	46,972.66	112,593.80	28,212.76	128,392.86	62,994.12	71,819.75	28,727.51	37,030.75	64,222.87	357,670.42	99,370.80	1,066,636.12	1,535,111.43
35	Labor	SGMI	45,496.60	11,469.70	9,280.30	18,627.43	16,601.53	25,301.11	22,708.29	24,288.98	13,766.03	13,317.10	14,806.81	14,041.01	25,238.10	209,446.39	254,942.99
36	Non-Labor	SGMI	422,978.71	17,158.12	37,692.36	93,966.37	11,611.23	103,091.75	40,285.83	47,530.77	14,961.48	23,713.65	49,416.06	343,629.41	74,132.70	857,189.73	1,280,168.44
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13, 16, 19, 22, 25, 28, 31, 34)	67,605,373.81	74,373.08	130,706.68	192,779.98	129,412.50	273,508.15	243,263.86	287,806.10	168,435.30	183,122.72	276,543.36	470,672.53	281,462.94	2,712,087.20	70,317,461.01
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	1,793,068.59	63,618.62	124,589.57	181,649.67	111,330.33	230,150.38	287,304.09	186,999.30	159,678.60	161,006.36	168,640.00	135,023.60	273,368.78	2,083,359.30	3,876,427.89
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	1,793,068.59	63,618.62	124,589.57	181,649.67	111,330.33	230,150.38	287,304.09	186,999.30	159,678.60	161,006.36	168,640.00	135,023.60	273,368.78	2,083,359.30	3,876,427.89
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	67,605,373.81	74,373.08	130,706.68	192,779.98	129,412.50	273,508.15	243,263.86	287,806.10	168,435.30	183,122.72	276,543.36	470,672.53	281,462.94	2,712,087.20	70,317,461.01
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	32,997,542.76	-	-	-	-	-	-	-	-	-	-	-	-	-	32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	32,938,259.89	10,754.46	6,117.11	11,130.31	18,082.17	43,357.77	(44,040.23)	100,806.80	8,756.70	22,116.36	107,903.36	335,648.93	8,094.16	628,727.90	33,566,987.79
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	1,669,571.16	63,618.62	124,589.57	181,649.67	111,330.33	230,150.38	287,304.09	186,999.30	159,678.60	161,006.36	168,640.00	135,023.60	273,368.78	2,083,359.30	3,752,930.46
46	**Total Monthly Rider AMI Costs**	L44 + L45	34,607,831.05	74,373.08	130,706.68	192,779.98	129,412.50	273,508.15	243,263.86	287,806.10	168,435.30	183,122.72	276,543.36	470,672.53	281,462.94	2,712,087.20	37,319,918.25
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76	32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	34,607,831.05	34,682,204.13	34,812,910.81	35,005,690.79	35,135,103.29	35,408,611.44	35,651,875.30	35,939,681.40	36,108,116.70	36,291,239.42	36,567,782.78	37,038,455.31	37,319,918.25		

Note 1 - OH DA/VVC Post-DOE Non-Labor costs adjusted in SAP in May 2016 for a cost adjustment made in November 2015. Adjusted amounts listed below:

D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
$ -					$ 207.00								$ 207.00	$ 207.00

Note 2 - OH DA/VVC Post-DOE Non-Labor costs were adjusted in June 2015 - June 2016 for costs that were charged in error to a SGMI Order. Adjustments made in SAP for these costs occurred in June and August 2016. Adjusted amounts listed below:

D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
$ (3,719.84)	$ (1,497.11)	$ (1,526.66)	$ (1,495.83)	$ (1,496.67)	$ (1,496.25)	$ 11,080.77		$ 151.59					$ 3,719.84	$ -

Case No. 16-2166-EL-RDR
TOTAL OHIO COMPANIES (OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY & THE TOLEDO EDISON COMPANY)
Advanced Metering Infrastructure Rider (Rider AMI) - Rate Design
Rates to Begin on July 1, 2017 Using September 2017 Revenue Requirement

Line No.	Description	Source	RS Residential	GS Secondary	GP Primary	GSU Subtransmission	ESIP & STL Street Lighting	TRF Traffic Lighting	POL Private Outdoor Lighting	Total
A	B	C	D	E	F	G	H	I	J	K
	OH Companies' Revenue Allocation by Rate Schedule (Excluding GT) Based on Distribution Rate Case (07-551-EL-AIR)									
1	Accumulated Revenue Requirement Adjusted for Rider AMI Revenues - Based on Spend as of September 2017	AMI Spend 2017 L150								$ 2,398,353
2	Revenue Requirement Allocation % per Schedule A (Excluding GT) from D Rate Case	Stip & Recommendation dated 2/11/08	56.69%	34.25%	3.59%	1.69%	2.64%	0.05%	1.09%	100.00%
3	Total Revenue Requirement per Rate Schedule (Excluding GT)	KL1 x L2	$ 1,359,548	$ 821,406	$ 86,072	$ 40,572	$ 63,391	$ 1,133	$ 26,231	$ 2,398,353
	Total OH Companies' Actual # Customers Except ESIP/STL Used # Fixtures as of May 2017									
4	July 2017	RODS	1,907,728	221,494	1,780	731	390,869	1,870	25,932	
5	Aug 2017	RODS	1,907,728	221,494	1,780	731	390,869	1,870	25,932	
6	Sept 2017	RODS	1,907,728	221,494	1,780	731	390,869	1,870	25,932	
7	Total # Customers	Sum (L4 - L6)	5,723,184	664,482	5,340	2,193	1,172,607	5,610	77,796	
	Total OH Companies' Monthly Customer/Fixture Charge									
8	OH Companies' Monthly Customer Charge	(L3/L7)	$ 0.238	$ 1.236	$ 16.118	$ 18.500	$ 0.054	$ 0.202	$ 0.337	
9	OH Companies' Monthly Customer Charge - Apr 2017	Tariff Sheets	$ 0.243	$ 1.295	$ 17.370	$ 20.276	$ 0.055	$ 0.237	$ 0.345	
10	OH Monthly Customer Charge - July 2017 vs Apr 2017	L8 - L9	$ (0.005)	$ (0.059)	$ (1.252)	$ (1.776)	$ (0.001)	$ (0.035)	$ (0.008)	

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Estimate	Jun 2017 Estimate	Jul 2017 Estimate	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2017 Costs L44	$ 33,566,987.79	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 77,230.29	$ 66,404.00	$ 4,857.21	$ 4,958.33	$ 5,742.35	$ -	$ -	$ -	$ 462,448.06	$ 34,029,435.85
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL -RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 33,219,344.77	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 77,230.29	$ 66,404.00	$ 4,857.21	$ 4,958.33	$ 5,742.35	$ -	$ -	$ -	$ 462,448.06	$ 33,681,792.83
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 77,230.29	$ 66,404.00	$ 4,857.21	$ 4,958.33	$ 5,742.35	$ -	$ -	$ -	$ 462,448.06	$ 33,681,792.83
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		276,875.99	277,071.23	277,810.51	278,878.83	279,676.80	280,275.27	280,572.20	280,613.09	280,657.68	280,681.61	280,681.61	280,681.61	3,354,476.43	16,634,556.03
9	Monthly Net Spend	L7 - L8		$ (265,329.10)	$ (241,759.41)	$ (135,695.73)	$ (164,596.44)	$ (202,446.51)	$ (213,871.27)	$ (275,714.99)	$ (275,654.76)	$ (274,915.33)	$ (280,681.61)	$ (280,681.61)	$ (280,681.61)	$ (2,892,028.37)	$ 17,047,236.80
10	Accumulated Spend	L7 + Prev L10	$ 33,219,344.77	$ 33,230,891.66	$ 33,266,203.48	$ 33,408,318.26	$ 33,522,600.65	$ 33,599,830.94	$ 33,666,234.94	$ 33,671,092.15	$ 33,676,050.48	$ 33,681,792.83	$ 33,681,792.83	$ 33,681,792.83	$ 33,681,792.83		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	13,280,079.60	13,556,955.59	13,834,026.82	14,111,837.33	14,390,716.16	14,670,392.96	14,950,668.23	15,231,240.43	15,511,853.52	15,792,511.20	16,073,192.81	16,353,874.42	16,634,556.03		
12	Accumulated Net Spend	L10 - L11	$ 19,939,265.17	$ 19,673,936.07	$ 19,432,176.66	$ 19,296,480.93	$ 19,131,884.49	$ 18,929,437.98	$ 18,715,566.71	$ 18,439,851.72	$ 18,164,196.96	$ 17,889,281.63	$ 17,608,600.02	$ 17,327,918.41	$ 17,047,236.80		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,026.82	$ 14,111,837.33	$ 14,390,716.16	$ 14,670,392.96	$ 14,950,668.23	$ 15,231,240.43	$ 15,511,853.52	$ 15,792,511.20	$ 16,073,192.81	$ 16,353,874.42	$ 16,634,556.03		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2017	L10 - Prior Yr L10		11,546.89	46,858.71	188,973.49	303,255.88	380,486.17	446,890.17	451,747.38	456,705.71	462,448.06	462,448.06	462,448.06	462,448.06		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2017 Bonus Only	L14 x L16		$ 5,773.45	$ 23,429.36	$ 94,486.75	$ 151,627.94	$ 190,243.09	$ 223,445.09	$ 225,873.69	$ 228,352.86	$ 231,224.03	$ 231,224.03	$ 231,224.03	$ 231,224.03		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2017 (10 Year Property Half-Year Convention)	L14 - L17		5,773.44	23,429.35	94,486.74	151,627.94	190,243.08	223,445.08	225,873.69	228,352.85	231,224.03	231,224.03	231,224.03	231,224.03		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2017 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		48.11	390.49	2,362.17	5,054.26	7,926.80	11,172.25	13,175.97	15,223.52	17,341.80	19,268.67	21,195.54	23,122.40		
22	Total Accumulated Tax Depreciation - 2017 (Includes Bonus)	L17 + L21		5,821.56	23,819.85	96,848.92	156,682.20	198,169.89	234,617.34	239,049.66	243,576.38	248,565.83	250,492.70	252,419.57	254,346.43		
23	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L14	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2016 Bonus Only	L23 x L25	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
27	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L18	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	31,436.39	4,715.46	9,430.92	14,146.38	18,861.84	23,577.30	28,292.76	33,008.21	37,723.67	42,439.13	47,154.59	51,870.05	56,585.51		
31	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L26 + L30	345,800.34	350,515.80	355,231.26	359,946.72	364,662.18	369,377.64	374,093.10	378,808.55	383,524.01	388,239.47	392,954.93	397,670.39	402,385.85		
32	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2015 Bonus Only	L32 x L34	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
36	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	204,815.63	8,777.81	17,555.63	26,333.44	35,111.25	43,889.06	52,666.88	61,444.69	70,222.50	79,000.31	87,778.13	96,555.94	105,333.75		
40	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L35 + L39	936,300.03	945,077.84	953,855.66	962,633.47	971,411.28	980,189.09	988,966.91	997,744.72	1,006,522.53	1,015,300.34	1,024,078.16	1,032,855.97	1,041,633.78		
41	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2014 Bonus Only	L41 x L43	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,345,958.88	30,474.54	60,949.08	91,423.62	121,898.16	152,372.70	182,847.25	213,321.79	243,796.33	274,270.87	304,745.41	335,219.95	365,694.49		
49	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L44 + L48	$ 4,520,390.23	4,550,864.77	4,581,339.31	4,611,813.85	4,642,288.39	4,672,762.93	4,703,237.48	4,733,712.02	4,764,186.56	4,794,661.10	4,825,135.64	4,855,610.18	4,886,084.72		
50	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2013 Bonus Only	L50 x L52	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,081,210.98	29,656.23	59,312.45	88,968.68	118,624.91	148,281.14	177,937.36	207,593.59	237,249.82	266,906.04	296,562.27	326,218.50	355,874.73		
58	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L53 + L57	$ 5,941,023.62	5,970,679.85	6,000,336.07	6,029,992.30	6,059,648.53	6,089,304.76	6,118,960.98	6,148,617.21	6,178,273.44	6,207,929.66	6,237,585.89	6,267,242.12	6,296,898.35		
59	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Estimate	Jun 2017 Estimate	Jul 2017 Estimate	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
60	Year Six Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
61	YTD Year Six Tax Rate (50% Bonus)	L60	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
62	Total Accumulated Tax Depreciation - 2012 Bonus Only	L59 x L61	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
63	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
64	Year Six Tax Rate	Tax	9.22%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
65	YTD Year Six Tax Rate	L64/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		
66	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L63 x L65	$ 2,441,892.75	21,109.70	42,219.40	63,329.10	84,438.80	105,548.50	126,658.20	147,767.90	168,877.60	189,987.30	211,097.00	232,206.70	253,316.40		
67	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L62 + L66	$ 6,309,318.68	6,330,428.38	6,351,538.08	6,372,647.78	6,393,757.48	6,414,867.18	6,435,976.88	6,457,086.58	6,478,196.28	6,499,305.98	6,520,415.68	6,541,525.38	6,562,635.08		
68	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
69	Year Seven Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
70	YTD Year Seven Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
71	Total Accumulated Tax Depreciation - 2011	L68 x L70	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
72	YTD Spend - 2010	AMI SPEND 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		
73	Year Eight Tax Rate	Tax		6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%	6.56%		
74	YTD Year Eight Tax Rate	L73/12 x (Month #)		0.55%	1.09%	1.64%	2.19%	2.73%	3.28%	3.83%	4.37%	4.92%	5.47%	6.01%	6.56%		
75	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L72 x L74 + Prev L75	$ 1,366,950.52	$ 1,367,950.97	$ 1,368,951.42	$ 1,369,951.88	$ 1,370,952.33	$ 1,371,952.78	$ 1,372,953.23	$ 1,373,953.68	$ 1,374,954.14	$ 1,375,954.59	$ 1,376,955.04	$ 1,377,955.49	$ 1,378,955.94		
76	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 6	$ 27,335,158.75	$ 27,436,714.50	$ 27,550,446.98	$ 27,719,210.25	$ 27,874,777.72	$ 28,011,999.60	$ 28,144,181.25	$ 28,244,347.75	$ 28,344,608.67	$ 28,445,332.30	$ 28,542,993.37	$ 28,640,654.43	$ 28,738,315.48		
77	Variance Tax vs Book Depreciation	L76 - L13		$ 13,879,758.91	$ 13,716,420.16	$ 13,607,372.92	$ 13,484,061.56	$ 13,341,606.64	$ 13,193,513.02	$ 13,013,107.32	$ 12,832,755.15	$ 12,652,821.10	$ 12,469,800.56	$ 12,286,780.01	$ 12,103,759.45		
78	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
79	Accumulated Deferred Income Tax (ADIT)	L77 x L78	$ 5,201,784.79	$ 5,136,898.77	$ 5,076,447.10	$ 5,036,088.72	$ 4,990,451.18	$ 4,937,728.62	$ 4,882,919.17	$ 4,816,151.02	$ 4,749,402.68	$ 4,682,809.09	$ 4,615,073.19	$ 4,547,337.28	$ 4,479,601.37		
80	**Rate Base Balance**	L12 - L79	$ 14,737,480.38	$ 14,537,037.30	$ 14,355,729.56	$ 14,260,392.21	$ 14,141,433.31	$ 13,991,709.36	$ 13,832,647.54	$ 13,623,700.70	$ 13,414,794.28	$ 13,206,472.54	$ 12,993,526.83	$ 12,780,581.13	$ 12,567,635.43		
	Overall Rate Of Return (ROR)																
81	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
82	**Return on Rate Base**	L80 x L81	$ 1,694,810.24	$ 139,313.27	$ 275,151.48	$ 409,986.28	$ 542,088.28	$ 670,436.07	$ 795,377.23	$ 913,923.26	$ 1,028,467.56	$ 1,139,058.26	$ 1,245,212.99	$ 1,347,286.26	$ 1,445,278.07		
	Reasonably Incurred Operating Expenses																
83	**Reserve for Accumulated Depreciation**	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,026.82	$ 14,111,837.33	$ 14,390,716.16	$ 14,670,392.96	$ 14,950,668.23	$ 15,231,240.43	$ 15,511,853.52	$ 15,792,511.20	$ 16,073,192.81	$ 16,353,874.42	$ 16,634,556.03		
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2017																
84	Total - 2017 In-Service Year - One	L7		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 77,230.29	$ 66,404.00	$ 4,857.21	$ 4,958.33	$ 5,742.35	$ -	$ -	$ -	$ 462,448.06	
85	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
86	Net Taxable Value - 2017 In-Service Year - One	L84 - L85		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 77,230.29	$ 66,404.00	$ 4,857.21	$ 4,958.33	$ 5,742.35	$ -	$ -	$ -	$ 462,448.06	
87	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
88	2017 Monthly True Value Amount	L86 x L87		$ 11,315.95	$ 34,605.58	$ 139,272.48	$ 111,996.74	$ 75,685.68	$ 65,075.92	$ 4,760.07	$ 4,859.16	$ 5,627.50	$ -	$ -	$ -	$ 453,199.08	
89	Total - 2016 In-Service Year - Two	L23	628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90		
90	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
91	Net Taxable Value - 2016 In-Service Year - Two	L89 - L90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
92	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
93	Monthly True Value Percent	L92/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
94	2017 Monthly True Value Amount	L91 x L93		$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 591,004.23	
95	Total - 2015 In-Service Year - Three	L32	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
96	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
97	Net Taxable Value - 2015 In-Service Year - Three	L95 - L96	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
98	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
99	Monthly True Value Percent	L98/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
100	2017 Monthly True Value Amount	L97 x L99		$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 1,316,671.91	
101	Total - 2014 In-Service Year - Four	L41	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
102	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
103	Net Taxable Value - 2014 In-Service Year - Four	L101 - L102	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
104	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
105	Monthly True Value Percent	L104/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
106	2017 Monthly True Value Amount	L103 x L105		$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 5,460,021.91	
107	Total - 2013 In-Service Year - Five	L50	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
108	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
109	Net Taxable Value - 2013 In-Service Year - Five	L107 - L108	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
110	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
111	Monthly True Value Percent	L110/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
112	2017 Monthly True Value Amount	L109 x L111		$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 6,330,092.73	
113	Total - 2012 In-Service Year - Six	Prev L113	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
114	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
115	Net Taxable Value - 2012 In-Service Year - Six	L113 - L114	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Estimate	Jun 2017 Estimate	Jul 2017 Estimate	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
116	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
117	Monthly True Value Percent	L116/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
118	2017 Monthly True Value Amount	L115 x L117		$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 6,033,184.44	
119	Total - 2011 In-Service Year - Seven	Prev L119	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
120	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
121	Net Taxable Value - 2011 In-Service Year - Seven	L119 - L120	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
122	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
123	Monthly True Value Percent	L122/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
124	2017 Monthly True Value Amount	L121 x L123		$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 5,857,377.72	
125	Total - 2010 Spend Year - Eight	Prev L125	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
126	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
127	Net Taxable Value - 2010 Spend Year - Eight	L125 - L126	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
128	True Value Percent	Should not change		70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%		
129	Monthly True Value Percent	L128/12		5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%		
130	2017 Monthly True Value Amount	L127 x L129		$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 986,253.00	
131	Total Monthly True Value Amount	Sum True Value Amts		$ 2,225,866.45	$ 2,249,156.08	$ 2,353,822.98	$ 2,326,547.24	$ 2,290,236.18	$ 2,279,626.42	$ 2,219,310.57	$ 2,219,409.66	$ 2,220,178.00	$ 2,214,550.50	$ 2,214,550.50	$ 2,214,550.50	$ 27,027,805.02	
132	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
133	Assessed Value	L131 x L132		$ 1,891,986.48	$ 1,911,782.66	$ 2,000,749.53	$ 1,977,565.15	$ 1,946,700.75	$ 1,937,682.45	$ 1,886,413.98	$ 1,886,498.21	$ 1,887,151.30	$ 1,882,367.92	$ 1,882,367.92	$ 1,882,367.92	$ 22,973,634.27	
134	Tax Rate (Mills)	Tax		11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%	11.2500%		
135	2017 Monthly Property Tax Liability	L133 x L134		$ 212,848.48	$ 215,075.55	$ 225,084.32	$ 222,476.08	$ 219,003.83	$ 217,989.28	$ 212,221.57	$ 212,231.05	$ 212,304.52	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 2,584,533.85	
136	Prior Period Adjustment - 2016 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
137	**2017 Monthly Property Tax Liability Adjusted**	L135 + L136		$ 212,848.48	$ 215,075.55	$ 225,084.32	$ 222,476.08	$ 219,003.83	$ 217,989.28	$ 212,221.57	$ 212,231.05	$ 212,304.52	$ 211,766.39	$ 211,766.39	$ 211,766.39	$ 2,584,533.85	$ 15,196,489.08
138	**Cumulative Property Tax Liability**	L137 + Prev L138	$ 12,611,955.23	$ 12,824,803.71	$ 13,039,879.26	$ 13,264,963.58	$ 13,487,439.66	$ 13,706,443.49	$ 13,924,432.77	$ 14,136,654.34	$ 14,348,885.39	$ 14,561,189.91	$ 14,772,956.30	$ 14,984,722.69	$ 15,196,489.08		
	O&M Expenses																
139	Rider AMI's Monthly O&M Costs	2016 Costs L45		$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 188,338.30	$ 279,338.01	$ 188,338.30	$ 188,257.52	$ 187,499.77	$ -	$ -	$ -	$ 1,751,339.69	$ 5,504,270.15
140	Accumulated Rider AMI O&M Costs	L139 + Prev L140	$ 3,752,930.46	3,918,070.84	4,074,692.61	4,333,878.67	4,472,498.25	4,660,836.55	4,940,174.56	5,128,512.86	5,316,770.38	5,504,270.15	5,504,270.15	5,504,270.15	5,504,270.15		
	Revenue Requirement - Based on Spend																
141	Accumulative Return on Rate Base	L82 + Prev L141	$ 9,452,546.23	$ 9,591,859.50	$ 9,727,697.71	$ 9,862,532.51	$ 9,994,634.51	$ 10,122,982.30	$ 10,247,923.46	$ 10,366,469.49	$ 10,481,013.79	$ 10,591,604.49	$ 10,697,759.22	$ 10,799,832.49	$ 10,897,824.30		
142	Reserve for Accumulated Depreciation	L83	$ 13,280,079.60	13,556,955.59	13,834,026.82	14,111,837.33	14,390,716.16	14,670,392.96	14,950,668.23	15,231,240.43	15,511,853.52	15,792,511.20	16,073,192.81	16,353,874.42	16,634,556.03		
143	Accumulative Property Tax Liability	L138	$ 12,611,955.23	12,824,803.71	13,039,879.26	13,264,963.58	13,487,439.66	13,706,443.49	13,924,432.77	14,136,654.34	14,348,885.39	14,561,189.91	14,772,956.30	14,984,722.69	15,196,489.08		
144	Accumulated Recoverable O&M Costs	L140	3,752,930.46	3,918,070.84	4,074,692.61	4,333,878.67	4,472,498.25	4,660,836.55	4,940,174.56	5,128,512.86	5,316,770.38	5,504,270.15	5,504,270.15	5,504,270.15	5,504,270.15		
145	Total Recoverable Costs without CAT	Sum (L141 - L144)	$ 39,097,511.52	$ 39,891,689.64	$ 40,676,296.40	$ 41,573,212.09	$ 42,345,288.58	$ 43,160,655.30	$ 44,063,199.02	$ 44,862,877.12	$ 45,658,523.08	$ 46,449,575.75	$ 47,048,178.48	$ 47,642,699.75	$ 48,233,139.56		
146	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
147	CAT Tax Amount	L145 / (1 - L146) - L145	101,918.52	103,988.76	106,034.06	108,372.12	110,384.75	112,510.23	114,862.96	116,947.54	119,021.62	121,083.71	122,644.14	124,193.92	125,733.07		
148	Total Revenue Requirement Excluding Rider AMI Revenues	L145 + L147	$ 39,199,430.04	$ 39,995,678.40	$ 40,782,330.46	$ 41,681,584.21	$ 42,455,673.33	$ 43,273,165.53	$ 44,178,061.98	$ 44,979,824.66	$ 45,777,544.70	$ 46,570,659.46	$ 47,170,822.62	$ 47,766,893.67	$ 48,358,872.63		
149	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L149	$ 39,141,835.23	$ 40,054,034.66	$ 40,868,698.51	$ 41,716,858.35	$ 42,518,225.65	$ 43,345,266.16	$ 44,172,306.67	$ 44,172,306.67	$ 44,172,306.67	$ 44,172,306.67	$ 44,172,306.67	$ 44,172,306.67	$ 44,172,306.67		
150	Revenue Requirement Adjusted for Rider AMI Revenues	L148 - L149	$ 57,594.81	$ (58,356.26)	$ (86,368.05)	$ (35,274.14)	$ (62,552.32)	$ (72,100.63)	$ 5,755.31	$ 807,517.99	$ 1,605,238.03	$ 2,398,352.79	$ 2,998,515.95	$ 3,594,587.00	$ 4,186,565.96		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Years Balance	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Estimate	Jun 2017 Estimate	Jul 2017 Estimate	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	$ 33,137,327.97	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	$ 19,362,498.25	$ 447,384.43	$ 405,032.80	$ 419,886.72	$ 397,117.42	$ 410,255.65	$ 410,255.65	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,489,932.67	$ 21,852,430.92
3	CEI	Sales Report	$ 13,853,482.85	331,567.10	282,833.75	300,423.93	283,123.96	291,903.04	291,903.04	-	-	-	-	-	-	1,781,754.82	15,635,237.67
4	TE	Sales Report	$ 5,925,854.13	133,247.90	126,797.30	127,849.19	121,125.92	124,881.82	124,881.82	-	-	-	-	-	-	758,783.95	6,684,638.08
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	$ 39,141,835.23	$ 912,199.43	$ 814,663.85	$ 848,159.84	$ 801,367.30	$ 827,040.51	$ 827,040.51	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,030,471.44	$ 44,172,306.67
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	CEI	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	$ 21,771,617.35	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,292,632.00	-	-	-	-	-	-	-	-	-	-	-	-	-	18,292,632.00
13	Cyber Security	L14 + L15	$ 17,310.72	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	$ 2,887,480.85	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	$ 34,225,219.20	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 34,225,219.20
20	Labor	SGMI	9,249,205.53	-	-	-	-	-	-	-	-	-	-	-	-	-	9,249,205.53
21	Non-Labor	SGMI	24,976,013.67	-	-	-	-	-	-	-	-	-	-	-	-	-	24,976,013.67
22	Planning	L23 + L24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	$ 23,625.51	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	$ 7,107,420.79	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,107,420.79
29	Labor	SGMI	3,863,498.66	-	-	-	-	-	-	-	-	-	-	-	-	-	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	$ 2,749,675.16	$ 123,547.46	$ 125,152.47	$ 121,594.48	$ 106,913.38	$ 123,344.81	$ 205,870.32	$ 114,038.21	$ 113,957.43	$ 115,005.66	$ -	$ -	$ -	$ 1,149,424.22	3,899,099.38
32	Labor	SGMI	1,199,481.55	52,612.26	78,935.17	70,775.75	63,118.83	83,602.54	78,128.34	74,295.94	74,215.19	75,263.65	-	-	-	$ 650,947.67	1,850,429.22
33	Non-Labor	SGMI	1,550,193.61	70,935.20	46,217.30	50,818.73	43,794.55	39,742.27	127,741.98	39,742.27	39,742.24	39,742.01	-	-	-	$ 498,476.55	2,048,670.16
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	$ 1,535,111.43	$ 53,139.81	$ 66,781.12	$ 279,706.36	$ 145,988.59	$ 142,223.78	$ 139,871.69	$ 79,157.30	$ 79,258.42	$ 78,236.46	$ -	$ -	$ -	$ 1,064,363.53	2,599,474.96
35	Labor	SGMI	254,942.99	13,789.91	28,576.80	58,262.03	46,129.58	32,565.45	35,088.36	32,373.97	32,475.09	31,453.13	-	-	-	$ 310,714.32	565,657.31
36	Non-Labor	SGMI	1,280,168.44	39,349.90	38,204.32	221,444.33	99,859.01	109,658.33	104,783.33	46,783.33	46,783.33	46,783.33	-	-	-	$ 753,649.21	2,033,817.65
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13, 16, 19, 22, 25, 28, 31, 34)	$ 70,317,461.01	$ 176,687.27	$ 191,933.59	$ 401,300.84	$ 252,901.97	$ 265,568.59	$ 345,742.01	$ 193,195.51	$ 193,215.85	$ 193,242.12	$ -	$ -	$ -	$ 2,213,787.75	72,531,248.76
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	$ 3,876,427.89	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 188,338.30	$ 279,338.01	$ 188,338.30	$ 188,257.52	$ 187,499.77	$ -	$ -	$ -	$ 1,751,339.69	$ 5,627,767.58
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	$ 3,876,427.89	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 188,338.30	$ 279,338.01	$ 188,338.30	$ 188,257.52	$ 187,499.77	$ -	$ -	$ -	$ 1,751,339.69	$ 5,627,767.58
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	70,317,461.01	176,687.27	191,933.59	401,300.84	252,901.97	265,568.59	345,742.01	193,195.51	193,215.85	193,242.12	0.00	0.00	0.00	$ 2,213,787.75	$ 72,531,248.76
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	$ 32,997,542.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	$ 33,566,987.79	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 77,230.29	$ 66,404.00	$ 4,857.21	$ 4,958.33	$ 5,742.35	$ -	$ -	$ -	$ 462,448.06	$ 34,029,435.85
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	$ 3,752,930.46	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 188,338.30	$ 279,338.01	$ 188,338.30	$ 188,257.52	$ 187,499.77	$ -	$ -	$ -	$ 1,751,339.69	$ 5,504,270.15
46	**Total Monthly Rider AMI Costs**	L44 + L45	$ 37,319,918.25	$ 176,687.27	$ 191,933.59	$ 401,300.84	$ 252,901.97	$ 265,568.59	$ 345,742.01	$ 193,195.51	$ 193,215.85	$ 193,242.12	$ -	$ -	$ -	$ 2,213,787.75	$ 39,533,706.00
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	$ 37,319,918.25	$ 37,496,605.52	$ 37,688,539.11	$ 38,089,839.95	$ 38,342,741.92	$ 38,608,310.51	$ 38,954,052.52	$ 39,147,248.03	$ 39,340,463.88	$ 39,533,706.00	$ 39,533,706.00	$ 39,533,706.00	$ 39,533,706.00		

Case No. 16-2166-EL-RDR
TOTAL OHIO COMPANIES (OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING COMPANY & THE TOLEDO EDISON COMPANY)
Advanced Metering Infrastructure Rider (Rider AMI) - Rate Design
Rates to Begin on October 1, 2017 Using December 2017 Revenue Requirement

Line No.	Description	Source	RS Residential	GS Secondary	GP Primary	GSU Subtransmission	ESIP & STL Street Lighting	TRF Traffic Lighting	POL Private Outdoor Lighting	Total
A	B	C	D	E	F	G	H	I	J	K
	OH Companies' Revenue Allocation by Rate Schedule (Excluding GT) Based on Distribution Rate Case (07-551-EL-AIR)									
1	Accumulated Revenue Requirement Adjusted for Rider AMI Revenues - Based on Spend as of December 2017	AMI Spend 2017 L150								$ 2,359,675
2	Revenue Requirement Allocation % per Schedule A (Excluding GT) from D Rate Case	Stip & Recommendation dated 2/11/08	56.69%	34.25%	3.59%	1.69%	2.64%	0.05%	1.09%	100.00%
3	Total Revenue Requirement per Rate Schedule (Excluding GT)	KL1 x L2	$ 1,337,623	$ 808,160	$ 84,683	$ 39,917	$ 62,369	$ 1,115	$ 25,808	$ 2,359,675
	Total OH Companies' Actual # Customers Except ESIP/STL Used # Fixtures as of July 2017									
4	Oct 2017	RODS	1,906,135	220,332	1,760	723	390,963	1,874	25,784	
5	Nov 2017	RODS	1,906,135	220,332	1,760	723	390,963	1,874	25,784	
6	Dec 2017	RODS	1,906,135	220,332	1,760	723	390,963	1,874	25,784	
7	Total # Customers	Sum (L4 - L6)	5,718,405	660,996	5,280	2,169	1,172,889	5,622	77,352	
	Total OH Companies' Monthly Customer/Fixture Charge									
8	OH Companies' Monthly Customer Charge	(L3/L7)	$ 0.234	$ 1.223	$ 16.039	$ 18.404	$ 0.053	$ 0.198	$ 0.334	
9	OH Companies' Monthly Customer Charge - July 2017	Tariff Sheets	$ 0.238	$ 1.236	$ 16.118	$ 18.500	$ 0.054	$ 0.202	$ 0.337	
10	OH Monthly Customer Charge - Oct 2017 vs July 2017	L8 - L9	$ (0.004)	$ (0.013)	$ (0.079)	$ (0.096)	$ (0.001)	$ (0.004)	$ (0.003)	

Case No. 16-2166-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend

For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017 Estimate	Nov 2017 Estimate	Dec 2017 Estimate	YTD 2017 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Rate Base																
1	Rider AMI's portion of Spend	2017 Costs L44	$ 33,566,987.79	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 18,748.00	$ 13,883.23	$ 7,414.00	$ -	$ 42,600.02	$ 537,990.53	$ 34,104,978.32
2	Monthly Unallowable Costs per DOE Guidelines	- 2015 Spend L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Estimated Net of the Monthly Accrual and Reversal	- 2015 Spend L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Monthly DOE Unallowable Costs that are Allowable with Rider AMI	Exception Report	56.98	-	-	-	-	-	-	-	-	-	-	-	-	-	56.98
5	Rider AMI Cost adjustment required in Case No. 12-406-EL-RDR	Case No. 12-406-EL -RDR Order	(347,700.00)	-	-	-	-	-	-	-	-	-	-	-	-	-	(347,700.00)
6	Adjusted Spend Balance	Sum (L1 - L5)	$ 33,219,344.77	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 18,748.00	$ 13,883.23	$ 7,414.00	$ -	$ 42,600.02	$ 537,990.53	$ 33,757,335.30
	Net Plant In-Service Based on Spend																
7	Monthly Spend with a 10 year life	L6		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 18,748.00	$ 13,883.23	$ 7,414.00	$ -	$ 42,600.02	$ 537,990.53	$ 33,757,335.30
8	Monthly Depreciation using Mid-Month Convention	(L7/2 + Prev L10)/120		276,875.99	277,071.23	277,810.51	278,878.83	279,755.86	280,276.86	280,509.71	280,700.53	280,836.50	280,925.24	280,956.13	281,133.63	3,355,731.02	16,635,810.62
9	Monthly Net Spend	L7 - L8		$ (265,329.10)	$ (241,759.41)	$ (135,695.73)	$ (164,596.44)	$ (183,550.46)	$ (251,441.53)	$ (253,461.04)	$ (261,952.53)	$ (266,953.27)	$ (273,511.24)	$ (280,956.13)	$ (238,533.61)	$ (2,817,740.49)	$ 17,121,524.68
10	Accumulated Spend	L7 + Prev L10	$ 33,219,344.77	$ 33,230,891.66	$ 33,266,203.48	$ 33,408,318.26	$ 33,522,600.65	$ 33,618,806.05	$ 33,647,641.38	$ 33,674,690.05	$ 33,693,438.05	$ 33,707,321.28	$ 33,714,735.28	$ 33,714,735.28	$ 33,757,335.30		
11	Reserve for Accumulated Depreciation	L8 + Prev L11	13,280,079.60	13,556,955.59	13,834,026.82	14,111,837.33	14,390,716.16	14,670,472.02	14,950,748.88	15,231,258.59	15,511,959.12	15,792,795.62	16,073,720.86	16,354,676.99	16,635,810.62		
12	Accumulated Net Spend	L10 - L11	$ 19,939,265.17	$ 19,673,936.07	$ 19,432,176.66	$ 19,296,480.93	$ 19,131,884.49	$ 18,948,334.03	$ 18,696,892.50	$ 18,443,431.46	$ 18,181,478.93	$ 17,914,525.66	$ 17,641,014.42	$ 17,360,058.29	$ 17,121,524.68		
	Accumulated Deferred Income Tax (ADIT)																
13	Accumulated Depreciation - Book	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,026.82	$ 14,111,837.33	$ 14,390,716.16	$ 14,670,472.02	$ 14,950,748.88	$ 15,231,258.59	$ 15,511,959.12	$ 15,792,795.62	$ 16,073,720.86	$ 16,354,676.99	$ 16,635,810.62		
	Tax Depreciation - 50% Bonus																
14	YTD Spend - 2017	L10 - Prior Yr L10		11,546.89	46,858.71	188,973.49	303,255.88	399,461.28	428,296.61	455,345.28	474,093.28	487,976.51	495,390.51	495,390.51	537,990.53		
15	Year One Tax Rate (50% Bonus)	Tax		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
16	YTD Year One Tax Rate (50% Bonus)	L15		50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
17	Total Accumulated Tax Depreciation - 2017 Bonus Only	L14 x L16		$ 5,773.45	$ 23,429.36	$ 94,486.75	$ 151,627.94	$ 199,730.64	$ 214,148.31	$ 227,672.64	$ 237,046.64	$ 243,988.25	$ 247,695.25	$ 247,695.25	$ 268,995.27		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
18	YTD Spend - 2017 (10 Year Property Half-Year Convention)	L14 - L17		5,773.44	23,429.35	94,486.74	151,627.94	199,730.64	214,148.30	227,672.64	237,046.64	243,988.26	247,695.26	247,695.26	268,995.26		
19	Year One Tax Rate	Tax		10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%		
20	YTD Year One Tax Rate	L19/12 x (Month #)		0.83%	1.67%	2.50%	3.33%	4.17%	5.00%	5.83%	6.67%	7.50%	8.33%	9.17%	10.00%		
21	2017 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L18 x L20		48.11	390.49	2,362.17	5,054.26	8,322.11	10,707.42	13,280.90	15,803.11	18,299.12	20,641.27	22,705.40	26,899.53		
22	Total Accumulated Tax Depreciation - 2017 (Includes Bonus)	L17 + L21		5,821.56	23,819.85	96,848.92	156,682.20	208,052.75	224,855.73	240,953.54	252,849.75	262,287.37	268,336.52	270,400.65	295,894.80		
23	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L14	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
24	Year Two Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
25	YTD Year Two Tax Rate (50% Bonus)	L24	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
26	Total Accumulated Tax Depreciation - 2016 Bonus Only	L23 x L25	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
27	YTD Spend - 2016 (10 Year Property Half-Year Convention)	AMI Spend 2016 L18	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95	314,363.95		
28	Year Two Tax Rate	Tax	10.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%	18.00%		
29	YTD Year Two Tax Rate	L28/12 x (Month #)		1.50%	3.00%	4.50%	6.00%	7.50%	9.00%	10.50%	12.00%	13.50%	15.00%	16.50%	18.00%		
30	2016 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L27 x L29	31,436.39	4,715.46	9,430.92	14,146.38	18,861.84	23,577.30	28,292.76	33,008.21	37,723.67	42,439.13	47,154.59	51,870.05	56,585.51		
31	Total Accumulated Tax Depreciation - 2016 (Includes Bonus)	L26 + L30	345,800.34	350,515.80	355,231.26	359,946.72	364,662.18	369,377.64	374,093.10	378,808.55	383,524.01	388,239.47	392,954.93	397,670.39	402,385.85		
32	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L14	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
33	Year Three Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
34	YTD Year Three Tax Rate (50% Bonus)	L33	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
35	Total Accumulated Tax Depreciation - 2015 Bonus Only	L32 x L34	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40	731,484.40		
36	YTD Spend - 2015 (10 Year Property Half-Year Convention)	AMI Spend 2015 L18	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39	731,484.39		
37	Year Three Tax Rate	Tax	18.00%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%	14.40%		
38	YTD Year Three Tax Rate	L37/12 x (Month #)		1.20%	2.40%	3.60%	4.80%	6.00%	7.20%	8.40%	9.60%	10.80%	12.00%	13.20%	14.40%		
39	2015 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L36 x L38	204,815.63	8,777.81	17,555.63	26,333.44	35,111.25	43,889.06	52,666.88	61,444.69	70,222.50	79,000.31	87,778.13	96,555.94	105,333.75		
40	Total Accumulated Tax Depreciation - 2015 (Includes Bonus)	L35 + L39	936,300.03	945,077.84	953,855.66	962,633.47	971,411.28	980,189.09	988,966.91	997,744.72	1,006,522.53	1,015,300.34	1,024,078.16	1,032,855.97	1,041,633.78		
41	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L14	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
42	Year Four Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
43	YTD Year Four Tax Rate (50% Bonus)	L42	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
44	Total Accumulated Tax Depreciation - 2014 Bonus Only	L41 x L43	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35	$ 3,174,431.35		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
45	YTD Spend - 2014 (10 Year Property Half-Year Convention)	AMI Spend 2014 L18	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34	$ 3,174,431.34		
46	Year Four Tax Rate	Tax	14.40%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%	11.52%		
47	YTD Year Four Tax Rate	L46/12 x (Month #)		0.96%	1.92%	2.88%	3.84%	4.80%	5.76%	6.72%	7.68%	8.64%	9.60%	10.56%	11.52%		
48	2014 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L45 x L47	$ 1,345,958.88	30,474.54	60,949.08	91,423.62	121,898.16	152,372.70	182,847.25	213,321.79	243,796.33	274,270.87	304,745.41	335,219.95	365,694.49		
49	Total Accumulated Tax Depreciation - 2014 (Includes Bonus)	L44 + L48	$ 4,520,390.23	4,550,864.77	4,581,339.31	4,611,813.85	4,642,288.39	4,672,762.93	4,703,237.48	4,733,712.02	4,764,186.56	4,794,661.10	4,825,135.64	4,855,610.18	4,886,084.72		
50	YTD Spend - 2013	AMI Spend 2013 L14	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
51	Year Five Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
52	YTD Year Five Tax Rate (50% Bonus)	L51	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
53	Total Accumulated Tax Depreciation - 2013 Bonus Only	L50 x L52	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
54	YTD Spend - 2013 (10 Year Property Half-Year Convention)	AMI Spend 2013 L18	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64	$ 3,859,812.64		
55	Year Five Tax Rate	Tax	11.52%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%	9.22%		
56	YTD Year Five Tax Rate	L55/12 x (Month #)		0.77%	1.54%	2.31%	3.07%	3.84%	4.61%	5.38%	6.15%	6.92%	7.68%	8.45%	9.22%		
57	2013 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L54 x L56	$ 2,081,210.98	29,656.23	59,312.45	88,968.68	118,624.91	148,281.14	177,937.36	207,593.59	237,249.82	266,906.04	296,562.27	326,218.50	355,874.73		
58	Total Accumulated Tax Depreciation - 2013 (Includes Bonus)	L53 + L57	$ 5,941,023.62	5,970,679.85	6,000,336.07	6,029,992.30	6,059,648.53	6,089,304.76	6,118,960.98	6,148,617.21	6,178,273.44	6,207,929.66	6,237,585.89	6,267,242.12	6,296,898.35		
59	YTD Spend - 2012	AMI Spend 2012 L13	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017 Estimate	Nov 2017 Estimate	Dec 2017 Estimate	YTD 2017 Actual	Cumulative Balance Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
60	Year Six Tax Rate (50% Bonus)	Tax	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
61	YTD Year Six Tax Rate (50% Bonus)	L60	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%		
62	Total Accumulated Tax Depreciation - 2012 Bonus Only	L59 x L61	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
	Tax Depreciation - 10 Year Property Half-Year Convention:																
63	YTD Spend - 2012 (10 Year Property Half-Year Convention)	AMI Spend 2012 L17	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94	$ 3,867,425.94		
64	Year Six Tax Rate	Tax	9.22%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%	7.37%		
65	YTD Year Six Tax Rate	L64/12 x (Month #)		0.61%	1.23%	1.84%	2.46%	3.07%	3.69%	4.30%	4.91%	5.53%	6.14%	6.76%	7.37%		
66	2012 YTD Tax Depreciation - 10 Year Property Half-Year Convention	L63 x L65	$ 2,441,892.75	23,752.44	47,504.88	71,257.32	95,009.76	118,762.20	142,514.65	166,267.09	190,019.53	213,771.97	237,524.41	261,276.85	285,029.29		
67	Total Accumulated Tax Depreciation - 2012 (Includes Bonus)	L62 + L66	$ 6,309,318.68	6,333,071.12	6,356,823.56	6,380,576.00	6,404,328.44	6,428,080.88	6,451,833.33	6,475,585.77	6,499,338.21	6,523,090.65	6,546,843.09	6,570,595.53	6,594,347.97		
68	YTD Spend - 2011 (100% Bonus)	AMI Spend 2011 L13	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
69	Year Seven Tax Rate (100% Bonus)	Tax		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
70	YTD Year Seven Tax Rate		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
71	Total Accumulated Tax Depreciation - 2011	L68 x L70	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
72	YTD Spend - 2010	AMI SPEND 2011 L16	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49	$ 183,009.49		
73	Year Eight Tax Rate	Tax		6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%	6.55%		
74	YTD Year Eight Tax Rate	L73/12 x (Month #)		0.55%	1.09%	1.64%	2.18%	2.73%	3.28%	3.82%	4.37%	4.91%	5.46%	6.00%	6.55%		
75	Total Accumulated Tax Depreciation - 2010 (Includes Bonus)	L72 x L74 + Prev L75	$ 1,366,950.52	$ 1,367,949.45	$ 1,368,948.37	$ 1,369,947.30	$ 1,370,946.23	$ 1,371,945.15	$ 1,372,944.08	$ 1,373,943.01	$ 1,374,941.93	$ 1,375,940.86	$ 1,376,939.79	$ 1,377,938.71	$ 1,378,937.64		
76	Grand Total Accumulated Tax Depreciation (Includes Bonus)	Sum Yrs 1 thru 6	$ 27,335,158.75	$ 27,439,355.72	$ 27,555,729.41	$ 27,727,133.89	$ 27,885,342.58	$ 28,035,088.53	$ 28,150,266.94	$ 28,264,740.15	$ 28,375,011.76	$ 28,482,824.78	$ 28,587,249.35	$ 28,687,688.88	$ 28,811,558.44		
77	Variance Tax vs Book Depreciation	L76 - L13		$ 13,882,400.13	$ 13,721,702.59	$ 13,615,296.56	$ 13,494,626.42	$ 13,364,616.51	$ 13,199,518.06	$ 13,033,481.56	$ 12,863,052.64	$ 12,690,029.16	$ 12,513,528.49	$ 12,333,011.89	$ 12,175,747.82		
78	Composite Income Tax Rate	D Rate Case		37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%	37.01%		
79	Accumulated Deferred Income Tax (ADIT)	L77 x L78	$ 5,201,784.79	$ 5,137,876.29	$ 5,078,402.13	$ 5,039,021.26	$ 4,994,361.24	$ 4,946,244.57	$ 4,885,141.63	$ 4,823,691.52	$ 4,760,615.78	$ 4,696,579.79	$ 4,631,256.89	$ 4,564,447.70	$ 4,506,244.27		
80	**Rate Base Balance**	L12 - L79	$ 14,737,480.38	$ 14,536,059.78	$ 14,353,774.53	$ 14,257,459.67	$ 14,137,523.25	$ 14,002,089.46	$ 13,811,750.87	$ 13,619,739.94	$ 13,420,863.15	$ 13,217,945.87	$ 13,009,757.53	$ 12,795,610.59	$ 12,615,280.41		
	Overall Rate Of Return (ROR)																
81	Overall Pre-Tax ROR Based on Annual 11.50%	D Rate Case		0.96%	1.92%	2.88%	3.83%	4.79%	5.75%	6.71%	7.67%	8.63%	9.58%	10.54%	11.50%		
82	**Return on Rate Base**	L80 x L81	$ 1,694,810.24	$ 139,303.91	$ 275,114.01	$ 409,901.97	$ 541,938.39	$ 670,933.45	$ 794,175.68	$ 913,657.55	$ 1,028,932.84	$ 1,140,047.83	$ 1,246,768.43	$ 1,348,870.62	$ 1,450,757.25		
	Reasonably Incurred Operating Expenses																
83	**Reserve for Accumulated Depreciation**	L11	13,280,079.60	$ 13,556,955.59	$ 13,834,026.82	$ 14,111,837.33	$ 14,390,716.16	$ 14,670,472.02	$ 14,950,748.88	$ 15,231,258.59	$ 15,511,959.12	$ 15,792,795.62	$ 16,073,720.86	$ 16,354,676.99	$ 16,635,810.62		
	Property Tax Calculation - Using Categories & Values from State of Ohio's Form 937 - Distribution Class																
	2017																
84	Total - 2017 In-Service Year - One	L7		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 18,748.00	$ 13,883.23	$ 7,414.00	$ -	$ 42,600.02	$ 537,990.53	
85	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-	-	
86	Net Taxable Value - 2017 In-Service Year - One	L84 - L85		$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 18,748.00	$ 13,883.23	$ 7,414.00	$ -	$ 42,600.02	$ 537,990.53	
87	True Value Percent	Should not change		98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%		
88	2017 Monthly True Value Amount	L86 x L87		$ 11,315.95	$ 34,605.58	$ 139,272.48	$ 111,996.74	$ 94,281.29	$ 28,258.62	$ 26,507.70	$ 18,373.04	$ 13,605.57	$ 7,265.72	$ -	$ 41,748.02	$ 527,230.71	
89	Total - 2016 In-Service Year - Two	L23	628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90	$ 628,727.90		
90	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
91	Net Taxable Value - 2016 In-Service Year - Two	L89 - L90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90	628,727.90		
92	True Value Percent	Should not change		94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		
93	Monthly True Value Percent	L92/12		7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%	7.83%		
94	2017 Monthly True Value Amount	L91 x L93		$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 49,250.35	$ 591,004.23	
95	Total - 2015 In-Service Year - Three	L32	1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79	$ 1,462,968.79		
96	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
97	Net Taxable Value - 2015 In-Service Year - Three	L95 - L96	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79	1,462,968.79		
98	True Value Percent	Should not change		90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%		
99	Monthly True Value Percent	L98/12		7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%		
100	2017 Monthly True Value Amount	L97 x L99		$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 109,722.66	$ 1,316,671.91	
101	Total - 2014 In-Service Year - Four	L41	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
102	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
103	Net Taxable Value - 2014 In-Service Year - Four	L101 - L102	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69	$ 6,348,862.69		
104	True Value Percent	Should not change		86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%	86.00%		
105	Monthly True Value Percent	L104/12		7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%	7.17%		
106	2017 Monthly True Value Amount	L103 x L105		$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 455,001.83	$ 5,460,021.91	
107	Total - 2013 In-Service Year - Five	L50	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
108	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
109	Net Taxable Value - 2013 In-Service Year - Five	L107 - L108	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28	$ 7,719,625.28		
110	True Value Percent	Should not change		82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%	82.00%		
111	Monthly True Value Percent	L110/12		6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%	6.83%		
112	2017 Monthly True Value Amount	L109 x L111		$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 527,507.73	$ 6,330,092.73	
113	Total - 2012 In-Service Year - Six	Prev L113	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		
114	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
115	Net Taxable Value - 2012 In-Service Year - Six	L113 - L114	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88	$ 7,734,851.88		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Advanced Metering Infrastructure Rider (Rider AMI) - Revenue Requirement Worksheet - Recovery over 10 Years Based on Spend
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Year Balances	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	YTD 2017	Cumulative Balance
				Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Actual	Actual
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
116	True Value Percent	Should not change		78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%	78.00%		
117	Monthly True Value Percent	L116/12		6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%		
118	2017 Monthly True Value Amount	L115 x L117		$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 502,765.37	$ 6,033,184.44	
119	Total - 2011 In-Service Year - Seven	Prev L119	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
120	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
121	Net Taxable Value - 2011 In-Service Year - Seven	L119 - L120	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33	$ 7,915,375.33		
122	True Value Percent	Should not change		74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%		
123	Monthly True Value Percent	L122/12		6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%	6.17%		
124	2017 Monthly True Value Amount	L121 x L123		$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 488,114.81	$ 5,857,377.72	
125	Total - 2010 Spend Year - Eight	Prev L125	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
126	Less - Capitalized Interest (AFUDC)	Property		-	-	-	-	-	-	-	-	-	-	-	-		
127	Net Taxable Value - 2010 Spend Year - Eight	L125 - L126	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90	$ 1,408,932.90		
128	True Value Percent	Should not change		70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%		
129	Monthly True Value Percent	L128/12		5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%	5.83%		
130	2017 Monthly True Value Amount	L127 x L129		$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 82,187.75	$ 986,253.00	
131	Total Monthly True Value Amount	Sum True Value Amts		$ 2,225,866.45	$ 2,249,156.08	$ 2,353,822.98	$ 2,326,547.24	$ 2,308,831.79	$ 2,242,809.12	$ 2,241,058.20	$ 2,232,923.54	$ 2,228,156.07	$ 2,221,816.22	$ 2,214,550.50	$ 2,256,298.52	$ 27,101,836.65	
132	Listing Percentage	Should not change		85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%		
133	Assessed Value	L131 x L132		$ 1,891,986.48	$ 1,911,782.66	$ 2,000,749.53	$ 1,977,565.15	$ 1,962,507.02	$ 1,906,387.75	$ 1,904,899.47	$ 1,897,985.00	$ 1,893,932.66	$ 1,888,543.78	$ 1,882,367.92	$ 1,917,853.74	$ 23,036,561.16	
134	Tax Rate (Mills)	Tax		11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%	11.3570%		
135	2017 Monthly Property Tax Liability	L133 x L134		$ 214,872.90	$ 217,121.16	$ 227,225.12	$ 224,592.07	$ 222,881.92	$ 216,508.46	$ 216,339.43	$ 215,554.16	$ 215,093.93	$ 214,481.92	$ 213,780.52	$ 217,810.65	$ 2,616,262.24	
136	Prior Period Adjustment - 2016 Property Tax Liability			-	-	-	-	-	-	-	-	-	-	-	-		
137	**2017 Monthly Property Tax Liability Adjusted**	L135 + L136		$ 214,872.90	$ 217,121.16	$ 227,225.12	$ 224,592.07	$ 222,881.92	$ 216,508.46	$ 216,339.43	$ 215,554.16	$ 215,093.93	$ 214,481.92	$ 213,780.52	$ 217,810.65	$ 2,616,262.24	$ 15,228,217.47
138	**Cumulative Property Tax Liability**	L137 + Prev L138	$ 12,611,955.23	$ 12,826,828.13	$ 13,043,949.29	$ 13,271,174.41	$ 13,495,766.48	$ 13,718,648.40	$ 13,935,156.86	$ 14,151,496.29	$ 14,367,050.45	$ 14,582,144.38	$ 14,796,626.30	$ 15,010,406.82	$ 15,228,217.47		
	O&M Expenses																
139	Rider AMI's Monthly O&M Costs	2017 Costs L45		$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ 184,079.00	$ 184,078.77	$ 184,079.00	$ 184,079.00	$ 253,272.98	$ 2,236,982.67	$ 5,989,913.13
140	Accumulated Rider AMI O&M Costs	L139 + Prev L140	$ 3,752,930.46	3,918,070.84	4,074,692.61	4,333,878.67	4,472,498.25	4,708,245.18	4,794,846.79	5,000,324.38	5,184,403.38	5,368,482.15	5,552,561.15	5,736,640.15	5,989,913.13		
	Revenue Requirement - Based on Spend																
141	Accumulative Return on Rate Base	L82 + Prev L141	$ 9,452,546.23	$ 9,591,850.14	$ 9,727,660.24	$ 9,862,448.20	$ 9,994,484.62	$ 10,123,479.68	$ 10,246,721.91	$ 10,366,203.78	$ 10,481,479.07	$ 10,592,594.06	$ 10,699,314.66	$ 10,801,416.85	$ 10,903,303.48		
142	Reserve for Accumulated Depreciation	L83	$ 13,280,079.60	13,556,955.59	13,834,026.82	14,111,837.33	14,390,716.16	14,670,472.02	14,950,748.88	15,231,258.59	15,511,959.12	15,792,795.62	16,073,720.86	16,354,676.99	16,635,810.62		
143	Accumulative Property Tax Liability	L138	$ 12,611,955.23	12,826,828.13	13,043,949.29	13,271,174.41	13,495,766.48	13,718,648.40	13,935,156.86	14,151,496.29	14,367,050.45	14,582,144.38	14,796,626.30	15,010,406.82	15,228,217.47		
144	Accumulated Recoverable O&M Costs	L140	3,752,930.46	3,918,070.84	4,074,692.61	4,333,878.67	4,472,498.25	4,708,245.18	4,794,846.79	5,000,324.38	5,184,403.38	5,368,482.15	5,552,561.15	5,736,640.15	5,989,913.13		
145	Total Recoverable Costs without CAT	Sum (L141 - L144)	$ 39,097,511.52	$ 39,893,704.70	$ 40,680,328.96	$ 41,579,338.61	$ 42,353,465.51	$ 43,220,845.28	$ 43,927,474.44	$ 44,749,283.04	$ 45,544,892.02	$ 46,336,016.21	$ 47,122,222.97	$ 47,903,140.81	$ 48,757,244.70		
146	CAT Rate	Tax		0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%		
147	CAT Tax Amount	L145 / (1 - L146) - L145	101,918.52	103,994.02	106,044.57	108,388.09	110,406.07	112,667.13	114,509.16	116,651.43	118,725.41	120,787.69	122,837.16	124,872.84	127,099.29		
148	Total Revenue Requirement Excluding Rider AMI Revenues	L145 + L147	$ 39,199,430.04	$ 39,997,698.72	$ 40,786,373.53	$ 41,687,726.70	$ 42,463,871.58	$ 43,333,512.41	$ 44,041,983.60	$ 44,865,934.47	$ 45,663,617.43	$ 46,456,803.90	$ 47,245,060.13	$ 48,028,013.65	$ 48,884,343.99		
149	Less Accumulated Rider AMI Revenues	Costs 2016 L5 + Costs 2016 L9 Previous L149	$ 39,141,835.23	$ 40,054,034.66	$ 40,868,698.51	$ 41,716,858.35	$ 42,518,225.65	$ 43,334,687.94	$ 44,145,728.98	$ 44,928,842.48	$ 45,726,755.90	$ 46,524,669.32	$ 46,524,669.32	$ 46,524,669.32	$ 46,524,669.32		
150	Revenue Requirement Adjusted for Rider AMI Revenues	L148 - L149	$ 57,594.81	$ (56,335.94)	$ (82,324.98)	$ (29,131.65)	$ (54,354.07)	$ (1,175.53)	$ (103,745.38)	$ (62,908.01)	$ (63,138.47)	$ (67,865.42)	$ 720,390.81	$ 1,503,344.33	$ 2,359,674.67		

Case No. 16-2166-EL-RDR
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
Ohio's Smart Grid Project Costs - Tracking Worksheet
For the Year Ended December 31, 2017

Line No.	Description	Source	Prior Years Balance	Jan 2017 Actual	Feb 2017 Actual	Mar 2017 Actual	Apr 2017 Actual	May 2017 Actual	Jun 2017 Actual	Jul 2017 Actual	Aug 2017 Estimate	Sep 2017 Estimate	Oct 2017 Estimate	Nov 2017 Estimate	Dec 2017 Estimate	YTD 2017	Cumulative Balance
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q = Sum (E-P)	R = D + Q
	Revenues/Payments																
1	**Department of Energy (DOE) Stimulus Payment - CEI**	ED	$ 33,137,327.97	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,137,327.97
	Monthly Advanced Metering Infrastructure (AMI) Rider Revenues:																
2	OE	Sales Report	$ 19,362,498.25	$ 447,384.43	$ 405,032.80	$ 419,886.72	$ 397,117.42	$ 404,188.51	$ 402,099.32	$ 388,732.53	$ 396,344.78	$ 396,344.78	$ -	$ -	$ -	$ 3,657,131.28	$ 23,019,629.53
3	CEI	Sales Report	$ 13,853,482.85	331,567.10	282,833.75	300,423.93	283,123.96	288,298.16	286,248.01	277,061.40	281,738.68	281,738.68	-	-	-	2,613,033.68	16,466,516.53
4	TE	Sales Report	$ 5,925,854.13	133,247.90	126,797.30	127,849.19	121,125.92	123,975.62	122,693.71	117,319.57	119,829.96	119,829.96	-	-	-	1,112,669.13	7,038,523.26
5	Total - Monthly Rider AMI Revenues	Sum (L2 - L4)	$ 39,141,835.23	$ 912,199.43	$ 814,663.85	$ 848,159.84	$ 801,367.30	$ 816,462.29	$ 811,041.04	$ 783,113.50	$ 797,913.42	$ 797,913.42	$ -	$ -	$ -	$ 7,382,834.09	$ 46,524,669.32
	5% of Monthly Revenues Received from AMI Fiber																
6	OE	Business Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7	CEI	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	TE	Business Services	$ -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Total - Monthly Rider AMI Revenues	Sum (L6 - L8)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	CEI's Eligible Incremental Costs (Eligible costs can start being tracked on date of DOE filing 8/6/2009)																
	Monthly Smart Grid Costs:																
10	CBS (Consumer Behavioral Study)	L11 + L12	$ 21,771,617.35	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,771,617.35
11	Labor	SGMI	3,478,985.35	-	-	-	-	-	-	-	-	-	-	-	-	-	3,478,985.35
12	Non-Labor	SGMI	18,292,632.00	-	-	-	-	-	-	-	-	-	-	-	-	-	18,292,632.00
13	Cyber Security	L14 + L15	$ 17,310.72	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,310.72
14	Labor	SGMI	17,717.84	-	-	-	-	-	-	-	-	-	-	-	-	-	17,717.84
15	Non-Labor	SGMI	(407.12)	-	-	-	-	-	-	-	-	-	-	-	-	-	(407.12)
16	Data Collection	L17 + L18	$ 2,887,480.85	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,887,480.85
17	Labor	SGMI	104,400.62	-	-	-	-	-	-	-	-	-	-	-	-	-	104,400.62
18	Non-Labor	SGMI	2,783,080.23	-	-	-	-	-	-	-	-	-	-	-	-	-	2,783,080.23
19	DA/VVC/PQ (Dist Auto/Volt Var Controls/Power Quality)	L20 + L21	$ 34,225,219.20	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,552.49	$ -	$ -	$ -	$ -	$ -	$ 13,552.49	$ 34,238,771.69
20	Labor	SGMI	9,249,205.53	-	-	-	-	-	-	5,370.35	-	-	-	-	-	5,370.35	9,254,575.88
21	Non-Labor	SGMI	24,976,013.67	-	-	-	-	-	-	8,182.14	-	-	-	-	-	8,182.14	24,984,195.81
22	Planning	L23 + L24	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Non-Labor	SGMI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Procurement	L26 + L27	$ 23,625.51	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 23,625.51
26	Labor	SGMI	23,579.82	-	-	-	-	-	-	-	-	-	-	-	-	-	23,579.82
27	Non-Labor	SGMI	45.69	-	-	-	-	-	-	-	-	-	-	-	-	-	45.69
28	Project Management	L29 + L30	$ 7,107,420.79	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,107,420.79
29	Labor	SGMI	3,863,498.66	-	-	-	-	-	-	-	-	-	-	-	-	-	3,863,498.66
30	Non-Labor	SGMI	3,243,922.13	-	-	-	-	-	-	-	-	-	-	-	-	-	3,243,922.13
31	OH DA/VVC Post-DOE O&M	L32 + L33	$ 2,749,675.16	$ 123,547.46	$ 125,152.47	$ 121,594.48	$ 106,913.38	$ 110,720.12	$ 122,874.33	$ 89,352.46	$ 115,545.00	$ 111,361.00	$ 111,361.00	$ 109,779.00	$ 109,698.00	$ 1,357,898.70	4,107,573.86
32	Labor	SGMI	1,199,481.55	52,612.26	78,935.17	70,775.75	63,118.83	55,864.21	77,101.06	47,377.61	75,803.00	71,619.00	71,618.00	70,037.00	69,956.00	$ 804,817.89	2,004,299.44
33	Non-Labor	SGMI	1,550,193.61	70,935.20	46,217.30	50,818.73	43,794.55	54,855.91	45,773.27	41,974.85	39,742.00	39,742.00	39,743.00	39,742.00	39,742.00	$ 553,080.81	2,103,274.42
34	OH AMI Smt Mtr Post-DOE O&M	L35 + L36	$ 1,535,111.43	$ 53,139.81	$ 66,781.12	$ 279,706.36	$ 145,988.59	$ 221,232.21	$ (7,437.39)	$ 129,621.31	$ 87,282.00	$ 86,601.00	$ 80,132.00	$ 74,300.00	$ 186,175.00	$ 1,403,522.01	2,938,633.44
35	Labor	SGMI	254,942.99	13,789.91	28,576.80	58,262.03	46,129.58	55,556.17	41,904.63	28,310.55	40,498.00	39,818.00	33,349.00	27,517.00	27,517.00	$ 441,228.67	696,171.66
36	Non-Labor	SGMI	1,280,168.44	39,349.90	38,204.32	221,444.33	99,859.01	165,676.04	(49,342.02)	101,310.76	46,784.00	46,783.00	46,783.00	46,783.00	158,658.00	$ 962,293.34	2,242,461.78
37	Total - Monthly Smart Grid Costs	Sum Lines (10, 13, 16, 19, 22, 25, 28, 31, 34)	$ 70,317,461.01	$ 176,687.27	$ 191,933.59	$ 401,300.84	$ 252,901.97	$ 331,952.33	$ 115,436.94	$ 232,526.26	$ 202,827.00	$ 197,962.00	$ 191,493.00	$ 184,079.00	$ 295,873.00	$ 2,774,973.20	73,092,434.21
	Monthly O&M Expenses:																
38	Data Gathering Costs	ED	$ 3,876,427.89	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ 184,079.00	$ 184,078.77	$ 184,079.00	$ 184,079.00	$ 253,272.98	$ 2,236,982.67	$ 6,113,410.56
39	In-Home Technology	ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40		ED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	Total - Monthly O&M Expenses	Sum (L38 - L40)	$ 3,876,427.89	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ 184,079.00	$ 184,078.77	$ 184,079.00	$ 184,079.00	$ 253,272.98	$ 2,236,982.67	$ 6,113,410.56
42	**Monthly Grand Total of CEI's Smart Grid Costs**	L37	70,317,461.01	176,687.27	191,933.59	401,300.84	252,901.97	331,952.33	115,436.94	232,526.26	202,827.00	197,962.00	191,493.00	184,079.00	295,873.00	$ 2,774,973.20	$ 73,092,434.21
43	**DOE's Portion of Monthly 50% of Costs**	2015 Costs L43	$ 32,997,542.76	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 32,997,542.76
44	**CEI's Monthly Smart Grid Capitalized Costs Recoverable thru Rider AMI**	(L37 - L41)	$ 33,566,987.79	$ 11,546.89	$ 35,311.82	$ 142,114.78	$ 114,282.39	$ 96,205.40	$ 28,835.33	$ 27,048.67	$ 18,748.00	$ 13,883.23	$ 7,414.00	$ -	$ 42,600.02	$ 537,990.53	$ 34,104,978.32
45	**CEI's Monthly Smart Grid O&M Costs Recoverable thru Rider AMI**	L41	$ 3,752,930.46	$ 165,140.38	$ 156,621.77	$ 259,186.06	$ 138,619.58	$ 235,746.93	$ 86,601.61	$ 205,477.59	$ 184,079.00	$ 184,078.77	$ 184,079.00	$ 184,079.00	$ 253,272.98	$ 2,236,982.67	$ 5,989,913.13
46	**Total Monthly Rider AMI Costs**	L44 + L45	$ 37,319,918.25	$ 176,687.27	$ 191,933.59	$ 401,300.84	$ 252,901.97	$ 331,952.33	$ 115,436.94	$ 232,526.26	$ 202,827.00	$ 197,962.00	$ 191,493.00	$ 184,079.00	$ 295,873.00	$ 2,774,973.20	$ 40,094,891.45
47	**Lines (43 + 46) must tie to L 42 - If not, adjust Lines 43 or 44**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
48	**Cumulative DOE's 50% of Costs/Labor**	L43 + Prev L48	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76	$ 32,997,542.76		
49	**Cumulative Rider AMI's 50% of Costs/Labor + O&M Costs**	L46 + Prev L49	$ 37,319,918.25	$ 37,496,605.52	$ 37,688,539.11	$ 38,089,839.95	$ 38,342,741.92	$ 38,674,694.25	$ 38,790,131.19	$ 39,022,657.45	$ 39,225,484.45	$ 39,423,446.45	$ 39,614,939.45	$ 39,799,018.45	$ 40,094,891.45		