

BEFORE THE  
PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of Staff's Review of Select       )  
Tariffs of Ohio Edison Company, The       ) Case No. 18-1644-EL-RDR  
Cleveland Electric Illuminating Company       )  
and The Toledo Edison Company       )  
  )  
  )  
  )

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**REPORT IN SUPPORT OF STAFF'S 2019 ANNUAL REVIEW OF THE  
ALTERNATIVE ENERGY RESOURCE RIDER (RIDER AER) SUBMITTED BY  
OHIO EDISON COMPANY, THE CLEVELAND ELECTRIC ILLUMINATING  
COMPANY AND THE TOLEDO EDISON COMPANY**

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Edison Company*

In its Order in Case No. 12-1230-EL-SSO (“Order”), and continued in Case No. 14-1297-EL-SSO, the Commission clarified that the Companies should file annually an application, in a separate docket, for a review of certain riders. Pursuant to the schedule agreed to with the Commission Staff (“Staff”) and consistent with the Commission’s Order, this application for the review of the Alternative Energy Resource Rider (Rider AER) is to be filed in February of each year. Ohio Edison Company, The Cleveland Electric Illuminating Company (“CEI”) and The Toledo Edison Company (collectively, “Companies”) hereby submit this Report on the Companies’ Rider AER for the year ended December 31, 2019.

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

- Exhibit A: Workpapers
- Exhibit B: Rate Design (Tariff Effective January 1, 2019)
- Exhibit C: Rate Design (Tariff Effective April 1, 2019)
- Exhibit D: Rate Design (Tariff Effective July 1, 2019)
- Exhibit E: Rate Design (Tariff Effective October 1, 2019)
- Exhibit F: 2019 Effective Tariff Sheets

Respectfully submitted,

/s/ Emily V. Danford  
Emily V. Danford (0090747)  
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Edison Company*

<b>THE OHIO EDISON COMPANY</b> <b>Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009</b> <b>For the Year Ended December 31, 2019</b>																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	203,383.74	\$ 166,294.68	\$ 200,037.95	\$ 140,451.97	\$ 161,965.58	\$ 187,909.62	\$ 218,199.32	\$ 191,455.59	\$ 177,319.24	\$ 154,884.58	\$ 214,307.52	\$ 206,796.68	2,223,006.47
2	Prior Period AER Rev Adj		\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
3	Total AER Rider Rev	Sum (L1 - L2)		203,383.74	166,294.68	200,037.95	140,451.97	161,965.58	187,909.62	218,199.32	191,455.59	177,319.24	154,884.58	214,307.52	206,796.68	2,223,006.47
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%
5	CAT Amount - AER Rider Rev	L3 x L4		528.80	432.37	520.10	365.18	421.11	488.57	567.32	497.78	461.03	402.70	557.20	537.67	5,779.83
6	Total Revenues Excluding CAT	L3 - L5		202,854.94	165,862.31	199,517.85	140,086.79	161,544.47	187,421.05	217,632.00	190,957.81	176,858.21	154,481.88	213,750.32	206,259.01	2,217,226.64
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		153,379.02	184,945.19	167,159.04	169,632.25	193,549.39	193,549.39	142,580.22	109,979.48	106,914.67	215,007.28	401,645.62	403,145.62	2,441,487.17
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
21	Total AER Costs After Adj	L13 - L20	\$	153,379.02	184,945.19	167,159.04	169,632.25	193,549.39	193,549.39	142,580.22	109,979.48	106,914.67	215,007.28	401,645.62	403,145.62	2,441,487.17
22	AER Monthly Principal Bal	L21 - L6	\$	(49,475.92)	\$ 19,082.88	\$ (32,358.81)	\$ 29,545.46	\$ 32,004.92	\$ 6,128.34	\$ (75,051.78)	\$ (80,978.33)	\$ (69,943.54)	\$ 60,525.40	\$ 187,895.30	\$ 196,886.61	\$ 224,260.53
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L22/2 Prev L33	\$	102,966.89	\$ 88,497.93	\$ 82,643.80	\$ 81,821.09	\$ 113,174.43	\$ 133,040.75	\$ 99,519.10	\$ 22,207.24	\$ (53,096.77)	\$ (58,181.02)	\$ 65,618.22	\$ 258,472.84	\$ 936,684.50
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 - L24	\$	102,966.89	\$ 88,497.93	\$ 82,643.80	\$ 81,821.09	\$ 113,174.43	\$ 133,040.75	\$ 99,519.10	\$ 22,207.24	\$ (53,096.77)	\$ (58,181.02)	\$ 65,618.22	\$ 258,472.84	\$ 936,684.50
26	Monthly Interest Rate	Sfp ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%
27	Monthly Interest	L25 x L26	\$	727.56	\$ 625.33	\$ 583.96	\$ 578.15	\$ 799.69	\$ 940.07	\$ 703.20	\$ 156.92	\$ (375.18)	\$ (411.11)	\$ 463.66	\$ 1,826.37	\$ 6,618.62
28	Prior Period Interest Adjustment		\$	158.51	\$ 158.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 158.51
29	Total Interest	L27 - L28	\$	727.56	\$ 783.84	\$ 583.96	\$ 578.15	\$ 799.69	\$ 940.07	\$ 703.20	\$ 156.92	\$ (375.18)	\$ (411.11)	\$ 463.66	\$ 1,826.37	\$ 6,777.13
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 - L29	\$	(48,748.36)	\$ 19,866.72	\$ (31,774.85)	\$ 30,123.61	\$ 32,804.61	\$ 7,068.41	\$ (74,348.58)	\$ (80,821.41)	\$ (70,318.72)	\$ 60,114.29	\$ 188,358.96	\$ 198,712.98	\$ 231,037.66
31	Cumulative Principal Balance	L22 Prev L31	(3,885,951.25)	\$ (3,935,427.17)	\$ (3,916,344.29)	\$ (3,948,703.10)	\$ (3,919,157.64)	\$ (3,887,152.72)	\$ (3,881,024.38)	\$ (3,956,076.16)	\$ (4,037,054.49)	\$ (4,106,998.03)	\$ (4,046,472.63)	\$ (3,858,577.33)	\$ (3,661,690.72)	
32	Cumulative Interest Balance	L29 Prev L32	4,013,656.10	\$ 4,014,383.66	\$ 4,015,167.50	\$ 4,015,751.46	\$ 4,016,329.61	\$ 4,017,129.30	\$ 4,018,060.37	\$ 4,018,772.57	\$ 4,018,929.49	\$ 4,018,554.31	\$ 4,018,143.20	\$ 4,018,606.86	\$ 4,020,433.23	
33	Total Cum Princ & Int	L31 - L32		127,704.85	\$ 78,956.49	\$ 98,823.21	\$ 67,048.36	\$ 97,171.97	\$ 129,976.58	\$ 137,044.99	\$ 62,696.41	\$ (18,125.00)	\$ (80,443.72)	\$ (28,329.43)	\$ 160,029.53	\$ 358,742.51

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY																													
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																													
For the Year Ended December 31, 2019																													
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019													
Revenues																													
1	AER Rider Revenue	Sales Report	\$	74,343.07	\$	64,417.01	\$	96,707.95	\$	67,151.14	\$	91,432.28	\$	96,122.73	\$	128,084.65	\$	104,561.61	\$	92,300.52	\$	87,690.60	\$	101,417.70	\$	118,212.05	\$	1,122,441.31	
2	Prior Period AER Rev Adj																												
3	Total AER Rider Rev	Sum (L1 - L2)		74,343.07		64,417.01		96,707.95		67,151.14		91,432.28		96,122.73		128,084.65		104,561.61		92,300.52		87,690.60		101,417.70		118,212.05		1,122,441.31	
4	CAT Tax			0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%			
5	CAT Amount - AER Rider Rev	L3 x L4		193.29		167.48		251.44		174.59		237.72		249.92		333.02		271.86		239.98		228.00		263.69		307.35		2,918.34	
6	Total Revenues Excluding CAT	L3 - L5		74,149.78		64,249.53		96,456.51		66,976.55		91,194.56		95,872.81		127,751.63		104,289.75		92,060.54		87,462.60		101,154.01		117,904.70		1,119,522.97	
Costs																													
Renewable Energy Resource Costs																													
7																													
8																													
9																													
10																													
11																													
12																													
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		84,027.74		101,861.57		91,702.83		92,932.08		106,034.96		106,034.95		78,111.78		60,251.65		58,572.60		117,790.54		220,039.32		220,039.28		1,337,399.30	
Prior Period Cost Adjustments																													
14																													
15																													
16																													
17																													
18																													
19																													
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-		-		-		-		-		-		-		-		-		-		-		-		-	
21	Total AER Costs After Adj	L13 - L20	\$	84,027.74	\$	101,861.57	\$	91,702.83	\$	92,932.08	\$	106,034.96	\$	106,034.95	\$	78,111.78	\$	60,251.65	\$	58,572.60	\$	117,790.54	\$	220,039.32	\$	220,039.28	\$	1,337,399.30	
22	AER Monthly Principal Bal	L21 - L16	\$	9,877.96	\$	37,612.04	\$	(4,753.68)	\$	25,955.53	\$	14,840.40	\$	10,162.14	\$	(49,639.85)	\$	(44,038.10)	\$	(33,487.94)	\$	30,327.94	\$	118,885.31	\$	102,134.58	\$	217,876.33	
Calculate Interest																													
23	Bal. Subject to Int Prior Period Adj.	L22/2 - Prev L33	\$	19,265.69	\$	43,146.82	\$	59,971.56	\$	70,996.25	\$	91,895.87	\$	105,046.48	\$	86,049.88	\$	39,818.94	\$	1,337.28	\$	(232.27)	\$	74,371.71	\$	185,407.16	\$	777,074.37	
24	Prior Period Int Adj																												
25	Bal. Subject to Int	L23 - L24	\$	19,265.69	\$	43,146.82	\$	59,971.56	\$	70,996.25	\$	91,895.87	\$	105,046.48	\$	86,049.88	\$	39,818.94	\$	1,337.28	\$	(232.27)	\$	74,371.71	\$	185,407.16	\$	777,074.37	
26	Monthly Interest Rate	Sip ESP		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%			
27	Monthly Interest	L25 x L26	\$	136.13	\$	304.88	\$	423.76	\$	501.66	\$	649.34	\$	742.26	\$	608.03	\$	281.36	\$	9.45	\$	(1.65)	\$	525.51	\$	1,310.09	\$	5,490.82	
28	Prior Period Interest Adjustment																												
29	Total Interest	L27 - L28	\$	136.13	\$	305.56	\$	423.76	\$	501.66	\$	649.34	\$	742.26	\$	608.03	\$	281.36	\$	9.45	\$	(1.65)	\$	525.51	\$	1,310.09	\$	5,581.58	
Principal & Interest Balances																													
30	Monthly Principal & Interest	L22 - L29	\$	10,014.09	\$	38,007.60	\$	(4,329.92)	\$	26,457.19	\$	15,489.74	\$	10,904.40	\$	(49,031.82)	\$	(43,756.74)	\$	(33,478.49)	\$	30,326.29	\$	119,410.82	\$	103,444.67	\$	223,457.83	
31	Cumulative Principal Balance	L22 - Prev L31	(3,442,536.16)	\$	(3,432,658.20)	\$	(3,395,046.16)	\$	(3,299,799.84)	\$	(3,273,844.31)	\$	(3,239,083.91)	\$	(3,248,841.77)	\$	(3,398,481.62)	\$	(3,442,519.72)	\$	(3,476,007.66)	\$	(3,445,679.72)	\$	(3,326,794.41)	\$	(3,224,659.83)		
32	Cumulative Interest Balance	L29 - Prev L32	3,456,862.87	\$	3,456,999.00	\$	3,457,394.56	\$	3,457,818.32	\$	3,458,319.98	\$	3,458,969.32	\$	3,459,711.58	\$	3,460,319.61	\$	3,460,600.97	\$	3,460,610.42	\$	3,460,668.77	\$	3,461,134.28	\$	3,462,444.37		
33	Total Cum Prin & Int	L31 - L32	14,326.71	\$	24,340.80	\$	62,348.40	\$	38,018.48	\$	84,475.67	\$	99,965.41	\$	118,869.81	\$	61,837.99	\$	18,081.25	\$	(15,397.34)	\$	14,929.05	\$	134,339.87	\$	237,784.54		

<b>THE TOLEDO EDISON COMPANY</b> <b>Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009</b> <b>For the Year Ended December 31, 2019</b>																	
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019	
<b>Revenues</b>																	
1	AER Rider Revenue	Sales Report		\$ 105,540.96	\$ 98,078.60	\$ 70,508.17	\$ 59,508.44	\$ 32,512.88	\$ 38,937.92	\$ 52,277.10	\$ 38,982.34	\$ 35,959.53	\$ 49,226.19	\$ 63,576.65	\$ 66,254.27	\$ 711,363.05	
2	Prior Period AER Rev Adj																
3	Total AER Rider Rev	Sum (L1 - L2)		105,540.96	98,078.60	70,508.17	59,508.44	32,512.88	38,937.92	52,277.10	38,982.34	35,959.53	49,226.19	63,576.65	66,254.27	711,363.05	
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%		
5	CAT Amount - AER Rider Rev	L3 x L4		274.41	255.00	183.32	154.72	84.53	101.24	135.92	101.35	93.49	127.99	165.30	172.26	1,849.53	
6	Total Revenues Excluding CAT	L3 - L5		105,266.55	97,823.60	70,324.85	59,353.72	32,428.35	38,836.68	52,141.18	38,880.99	35,866.04	49,098.20	63,411.35	66,082.01	709,513.52	
<b>Costs</b>																	
<b>Renewable Energy Resource Costs</b>																	
7																	
8																	
9																	
10																	
11																	
12																	
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		47,124.20	\$ 58,679.60	\$ 51,716.01	\$ 52,117.93	\$ 59,466.25	\$ 59,466.24	\$ 43,806.44	\$ 33,790.17	\$ 32,848.54	\$ 66,058.98	\$ 123,401.87	\$ 123,401.86	\$ 751,878.09	
<b>Prior Period Cost Adjustments</b>																	
14																	
15																	
16																	
17																	
18																	
19																	
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-	
21	Total AER Costs After Adj	L13 - L20		\$ 47,124.20	\$ 58,679.60	\$ 51,716.01	\$ 52,117.93	\$ 59,466.25	\$ 59,466.24	\$ 43,806.44	\$ 33,790.17	\$ 32,848.54	\$ 66,058.98	\$ 123,401.87	\$ 123,401.86	\$ 751,878.09	
22	AER Monthly Principal Bal	L21 x L6		\$ (58,142.35)	\$ (39,144.00)	\$ (18,608.84)	\$ (7,235.79)	\$ 27,037.90	\$ 20,629.56	\$ (8,334.74)	\$ (5,090.82)	\$ (3,017.50)	\$ 16,960.78	\$ 59,990.52	\$ 57,319.85	\$ 42,364.57	
<b>Calculate Interest</b>																	
23	Bal. Subject to Int Prior Period Adj.	L22/2 Prev L33		\$ 49,564.37	\$ 1,271.41	\$ (27,534.16)	\$ (40,651.03)	\$ (31,037.22)	\$ (7,422.80)	\$ (1,327.84)	\$ (8,050.00)	\$ (12,161.04)	\$ (5,275.33)	\$ 33,163.04	\$ 92,052.56	\$ 42,591.95	
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-	
25	Bal. Subject to Int	L23 - L24		\$ 49,564.37	\$ 1,271.41	\$ (27,534.16)	\$ (40,651.03)	\$ (31,037.22)	\$ (7,422.80)	\$ (1,327.84)	\$ (8,050.00)	\$ (12,161.04)	\$ (5,275.33)	\$ 33,163.04	\$ 92,052.56	\$ 42,591.95	
26	Monthly Interest Rate	Ship ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		\$ 350.22	\$ 8.98	\$ (194.56)	\$ (287.24)	\$ (219.31)	\$ (52.45)	\$ (9.38)	\$ (56.88)	\$ (85.93)	\$ (37.28)	\$ 234.33	\$ 650.44	\$ 300.94	
28	Prior Period Interest Adjustment				\$ 61.87											\$ 61.87	
29	Total Interest	L27 - L28		\$ 350.22	\$ 70.85	\$ (194.56)	\$ (287.24)	\$ (219.31)	\$ (52.45)	\$ (9.38)	\$ (56.88)	\$ (85.93)	\$ (37.28)	\$ 234.33	\$ 650.44	\$ 362.81	
<b>Principal &amp; Interest Balances</b>																	
30	Monthly Principal & Interest	L22 - L29		\$ (57,792.13)	\$ (39,073.15)	\$ (18,803.40)	\$ (7,523.03)	\$ 26,818.59	\$ 20,577.11	\$ (8,344.12)	\$ (5,147.70)	\$ (3,103.43)	\$ 16,923.50	\$ 60,224.85	\$ 57,970.29	\$ 42,727.38	
31	Cumulative Principal Balance	L22 Prev L31		(1,471,985.44)	\$ (1,530,127.79)	\$ (1,569,271.79)	\$ (1,587,880.63)	\$ (1,595,116.42)	\$ (1,568,078.52)	\$ (1,547,448.96)	\$ (1,555,783.70)	\$ (1,560,874.52)	\$ (1,563,892.02)	\$ (1,546,931.24)	\$ (1,486,940.72)	\$ (1,429,620.87)	
32	Cumulative Interest Balance	L29 Prev L32		1,550,620.98	1,550,071.20	1,551,042.05	1,550,847.49	1,550,560.25	1,550,340.84	1,550,290.49	1,550,270.11	1,550,222.23	1,550,136.30	1,550,090.02	1,550,333.35	1,550,983.79	
33	Total Cum Prin & Int	L31 - L32		78,635.54	\$ 20,943.41	\$ (18,229.74)	\$ (37,033.14)	\$ 144,556.17)	\$ (17,737.58)	\$ 2,839.53	\$ (5,504.59)	\$ (10,652.29)	\$ (13,755.72)	\$ 3,167.78	\$ 63,392.63	\$ 121,362.92	

Case No. 18-1644-EL-RDR

**RIDER AER**

**2019 Q1 (Recovery from January 2019 through March 2019)**

Company		Jan 2019 - Mar 2019 Rate (¢/kWh)
(A)		(B)

OE	Overall	0.0490
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CEI	Overall	0.0365
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TE	Overall	0.0883
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**NOTES**

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

Line No.	OE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	AER	\$ 0.000490		0.26%				0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Oct-18		\$ 163,645.27	\$ 144,645.88	\$144,269.80	(593.11)	\$ 146,457.06	\$ 570.94	\$ 166,403.47
3	Nov-18		\$ 166,403.47	\$ 155,520.12	\$155,115.76	-	\$ 137,720.20	\$ 1,114.35	\$ 150,122.25
4	Dec-18		\$ 150,122.25	\$ 188,240.45	\$187,751.03	-	\$ 143,695.19	\$ 905.11	\$ 106,971.53
5	Jan-19		\$ 106,971.53	\$ 188,882.37	\$188,391.28	-	\$ 143,695.19	\$ 597.95	\$ 62,873.39
6	Feb-19		\$ 62,873.39	\$ 168,964.33	\$168,525.02	-	\$ 131,975.11	\$ 315.13	\$ 26,638.61
7	Mar-19		\$ 26,638.61	\$ 159,121.21	\$158,707.50	-	\$ 131,975.11	\$ 93.78	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from January 2019 through March 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of March 31, 2019.

Column (B), Line 2: Page 5, Line 33 for September 2018 Balance

Column (C), Line 2: Page 5, Line 3 for October 2018

Column (F), Line 2: Page 5, Line 21 for October 2018

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

Column (B) = Column (H), Previous Row

Column (C) = (A)\*(C)1 \* 1000 except November and December 2018 see page 8, Line 1, Columns D and E

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

Column (E) = Page 5, Line 28 for October 2018

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	CEI AER							
		\$ 0.000365		0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest
2	Oct-18	\$ 15,674.22	\$ 74,042.22	\$ 73,849.71	-	\$ 83,783.29	\$145.85	\$ 25,753.65
3	Nov-18	\$ 25,753.65	\$ 80,491.14	\$ 80,281.86	-	\$ 78,785.22	\$176.69	\$ 24,433.70
4	Dec-18	\$ 24,433.70	\$ 105,775.70	\$ 105,500.68	-	\$ 82,203.32	\$90.34	\$ 1,226.68
5	Jan-19	\$ 1,226.68	\$ 83,426.29	\$ 83,209.38	-	\$ 82,203.32	\$5.11	\$ 225.73
6	Feb-19	\$ 225.73	\$ 75,536.90	\$ 75,340.50	-	\$ 75,498.64	\$2.15	\$ 386.02
7	Mar-19	\$ 386.02	\$ 76,083.83	\$ 75,886.02	-	\$ 75,498.64	\$1.36	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from January 2019 through March 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of March 31, 2019.

Column (B), Line 2: Page 6, Line 33 for September 2018 Balance

Column (C), Line 2: Page 6, Line 3 for October 2018

Column (F), Line 2: Page 6, Line 21 for October 2018

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except November and December 2018 see page 8, Line 2, Columns D and E

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

Column (E) = Page 6, Line 28 for October 2018

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

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

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



Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	TE AER								
		\$ 0.000883			0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Oct-18		\$ 109,596.70	\$ 66,541.75	\$66,368.74	-	\$ 57,173.32	\$ 741.92	\$ 101,143.20
3	Nov-18		\$ 101,143.20	\$ 60,029.97	\$59,873.89	-	\$ 53,762.66	\$ 693.09	\$ 95,725.06
4	Dec-18		\$ 95,725.06	\$ 70,901.65	\$70,717.31	-	\$ 56,095.16	\$ 624.73	\$ 81,727.64
5	Jan-19		\$ 81,727.64	\$ 88,586.29	\$88,355.97	-	\$ 56,095.16	\$ 463.51	\$ 49,930.34
6	Feb-19		\$ 49,930.34	\$ 78,284.96	\$78,081.42	-	\$ 51,519.92	\$ 258.97	\$ 23,627.80
7	Mar-19		\$ 23,627.80	\$ 75,427.01	\$75,230.90	-	\$ 51,519.92	\$ 83.18	\$ -

**Notes**

Column (C), Line 1: Rate (\$ / kWh) to be charged from January 2019 through March 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of March 31, 2019.

Column (B), Line 2: Page 7, Line 33 for September 2018 Balance

Column (C), Line 2: Page 7, Line 3 for October 2018

Column (F), Line 2: Page 7, Line 21 for October 2018

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except November and December 2018 see page 8, Line 3, Columns D and E

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

Column (E) = Page 7, Line 28 for October 2018

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

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

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

THE OHIO EDISON COMPANY																													
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																													
For the Year Ended December 31, 2018																													
Line No.	Description	Source	Prior Yr Balance	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	YTD 2018													
Revenues																													
1	AER Rider Revenue	Sales Report	\$	126,129.02	\$	100,221.90	\$	106,780.77	\$	185,264.72	\$	180,550.35	\$	179,935.97	\$	190,517.41	\$	176,683.44	\$	158,488.87	\$	144,645.88		1,549,218.33					
2	Prior Period AER Rev Adj		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		-					
3	Total AER Rider Rev	Sum (L1 + L2)		126,129.02		100,221.90		106,780.77		185,264.72		180,550.35		179,935.97		190,517.41		176,683.44		158,488.87		144,645.88	\$	-	\$	-	1,549,218.33		
4	CAT Tax			0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%			
5	CAT Amount - AER Rider Rev	L3 x L4		327.94		260.58		277.63		481.69		469.43		467.83		495.35		459.38		412.07		376.08		-		-	4,027.98		
6	Total Revenues Excluding CAT	L3 - L5		125,801.08		99,961.32		106,503.14		184,783.03		180,080.92		179,468.14		190,022.06		176,224.06		158,076.80		144,269.80		-		-	1,545,190.35		
Costs																													
Renewable Energy Resource Costs																													
7																													
8																													
9																													
10																													
11																													
12																													
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		137,204.29		147,055.39		141,841.74		136,041.85		136,041.85		136,041.85		138,467.06		154,992.20		114,497.07		146,457.06		-		-	1,388,640.36		
Prior Period Cost Adjustments																													
14																													
15																													
16																													
17																													
18																													
19																													
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-		
21	Total AER Costs After Adj	L13 + L20		137,204.29		147,055.39		141,841.74		136,041.85		136,041.85		136,041.85		138,467.06		154,992.20		114,497.07		146,457.06		\$	-	\$	-	1,388,640.36	
22	AER Monthly Principal Bal	L21 - L6		\$	11,403.21	\$	47,094.07	\$	35,338.60	\$	48,741.18	\$	44,039.07	\$	43,426.29	\$	51,555.00	\$	21,231.86	\$	43,579.73	\$	2,187.26	\$	-	\$	-	156,549.99	
Calculate Interest																													
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L33		\$	308,495.41	\$	339,923.88	\$	383,542.11	\$	379,550.93	\$	335,842.71	\$	294,483.09	\$	249,073.27	\$	214,439.79	\$	183,549.22	\$	164,738.90	\$	166,403.47	\$	167,579.28	\$	3,187,622.06
24	Prior Period Int Adj				-		-		-		-		-		-		-		-		-		-		-		-		
25	Bal. Subject to Int	L23 + L24		\$	308,495.41	\$	339,923.88	\$	383,542.11	\$	379,550.93	\$	335,842.71	\$	294,483.09	\$	249,073.27	\$	214,439.79	\$	183,549.22	\$	164,738.90	\$	166,403.47	\$	167,579.28	\$	3,187,622.06
26	Monthly Interest Rate	Step ESP			0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		
27	Monthly Interest	L25 x L26		\$	2,179.83	\$	2,401.90	\$	2,710.11	\$	2,681.91	\$	2,373.06	\$	2,080.82	\$	1,759.95	\$	1,515.23	\$	1,296.96	\$	1,164.05	\$	1,175.81	\$	1,184.12	\$	22,523.75
28	Prior Period Interest Adjustment				-		-		-		-		-		-		-		-		-		-		-		-		
29	Total Interest	L27 + L28		\$	2,179.83	\$	2,401.90	\$	2,710.11	\$	2,681.91	\$	2,373.06	\$	2,080.82	\$	1,759.95	\$	1,515.23	\$	1,885.91	\$	570.94	\$	1,175.81	\$	1,184.12	\$	22,519.59
Principal & Interest Balances																													
30	Monthly Principal & Interest	L22 + L29		\$	13,583.04	\$	49,495.97	\$	38,048.71	\$	46,059.27	\$	41,666.01	\$	41,345.47	\$	49,795.05	\$	19,716.63	\$	41,693.82	\$	2,758.20	\$	1,175.81	\$	1,184.12	\$	134,030.40
31	Cumulative Principal Balance	L22 + Prev L31		(3,688,592.12)	\$	(3,677,188.91)	\$	(3,630,094.84)	\$	(3,594,756.24)	\$	(3,643,497.42)	\$	(3,687,536.49)	\$	(3,730,962.78)	\$	(3,782,517.78)	\$	(3,803,749.64)	\$	(3,847,329.37)	\$	(3,845,142.11)	\$	(3,845,142.11)	\$	(3,845,142.11)	
32	Cumulative Interest Balance	L29 + Prev L32		3,991,385.92	\$	3,993,565.75	\$	3,995,967.63	\$	3,998,677.76	\$	4,001,359.67	\$	4,003,732.73	\$	4,005,813.55	\$	4,007,573.50	\$	4,009,088.73	\$	4,010,974.64	\$	4,011,545.58	\$	4,012,721.39	\$	4,013,905.51	
33	Total Cum Princ & Int	L31 + L32		302,793.80	\$	316,376.84	\$	365,872.81	\$	403,921.52	\$	357,862.25	\$	316,196.24	\$	274,850.77	\$	225,055.72	\$	205,339.09	\$	163,645.27	\$	166,403.47	\$	167,579.28	\$	168,763.40	

Case No. 18-1644-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY																												
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																												
For the Year Ended December 31, 2018																												
Line No.	Description	Source	Prior Yr Balance	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	YTD 2018												
Revenues																												
1	AER Rider Revenue	Sales Report	\$	65,553.70	\$	6,106.01	\$	60,330.19	\$	97,064.70	\$	97,034.23	\$	113,299.28	\$	87,022.10	\$	93,410.96	\$	86,642.41	\$	74,042.22	\$	-	\$	830,505.00		
2	Prior Period AER Rev Adj																											
3	Total AER Rider Rev	Sum (L1 - L2)		65,553.70		6,106.01		60,330.19		97,064.70		97,034.23		113,299.28		87,022.10		93,410.96		86,642.41		74,042.22				830,505.00		
4	CAT Tax			0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%						
5	CAT Amount - AER Rider Rev	L3 x L4		170.44		145.88		156.86		252.37		252.29		294.58		226.26		242.87		225.27		192.51				2,159.33		
6	Total Revenues Excluding CAT	L3 - L5		65,383.26		55,960.13		60,173.33		96,812.33		96,781.94		113,004.70		86,795.84		93,168.09		86,417.14		73,849.71				828,346.47		
Costs																												
Renewable Energy Resource Costs																												
7																												
8																												
9																												
10																												
11																												
12																												
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		78,490.03		84,288.47		81,263.37		77,825.09		77,825.10		77,825.09		79,212.48		88,665.98		65,500.03		83,783.29					794,678.93	
Prior Period Cost Adjustments																												
14																												
15																												
16																												
17																												
18																												
19																												
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-		-		-		-		-		-		-		-		-		-				-		
21	Total AER Costs After Adj	L13 - L20		\$ 78,490.03		\$ 84,288.47		\$ 81,263.37		\$ 77,825.09		\$ 77,825.10		\$ 77,825.09		\$ 79,212.48		\$ 88,665.98		\$ 65,500.03		\$ 83,783.29					\$ 794,678.93	
22	AER Monthly Principal Bal	L21 - L6		\$ 13,106.77		\$ 28,328.34		\$ 21,090.04		\$ (18,987.24)		\$ (18,956.84)		\$ (35,179.61)		\$ (7,583.36)		\$ (4,502.11)		\$ (20,917.11)		\$ 9,933.58					\$ (33,667.54)	
Calculate Interest																												
23	Bal. Subject to Int Prior Period Adj.	L22/2 Prev L33		\$ 61,402.43		\$ 82,553.85		\$ 107,846.37		\$ 109,659.81		\$ 91,462.63		\$ 65,040.67		\$ 44,118.77		\$ 38,387.77		\$ 25,949.41		\$ 20,641.01		\$ 25,753.65		\$ 25,935.63		\$ 698,752.00
24	Prior Period Int Adj																											
25	Bal. Subject to Int	L23 - L24		\$ 61,402.43		\$ 82,553.85		\$ 107,846.37		\$ 109,659.81		\$ 91,462.63		\$ 65,040.67		\$ 44,118.77		\$ 38,387.77		\$ 25,949.41		\$ 20,641.01		\$ 25,753.65		\$ 25,935.63		\$ 698,752.00
26	Monthly Interest Rate	Slip ESR		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%						
27	Monthly Interest	L25 x L26		\$ 433.87		\$ 583.33		\$ 762.04		\$ 774.86		\$ 646.27		\$ 459.58		\$ 311.74		\$ 271.25		\$ 183.36		\$ 145.85		\$ 181.98		\$ 183.26		\$ 4,937.39
28	Prior Period Interest Adjustment																											
29	Total Interest	L27 - L28		\$ 433.87		\$ 583.33		\$ 762.04		\$ 774.86		\$ 646.27		\$ 459.58		\$ 311.74		\$ 271.25		\$ 183.36		\$ 145.85		\$ 181.98		\$ 183.26		\$ 4,937.39
Principal & Interest Balances																												
30	Monthly Principal & Interest	L22 - L29		\$ 13,540.64		\$ 28,911.67		\$ 21,852.08		\$ (18,212.38)		\$ (18,310.57)		\$ (34,720.03)		\$ (7,271.62)		\$ (4,230.86)		\$ (20,733.75)		\$ 10,079.43		\$ 181.98		\$ 183.26		\$ (28,730.15)
31	Cumulative Principal Balance	L22 Prev L31	(3,397,152.25)	\$ (3,384,045.48)		\$ (3,355,717.14)		\$ (3,334,627.10)		\$ (3,353,034.34)		\$ (3,372,571.18)		\$ (3,407,750.79)		\$ (3,415,334.15)		\$ (3,419,836.26)		\$ (3,440,753.37)		\$ (3,430,819.79)		\$ (3,430,819.79)		\$ (3,430,819.79)		
32	Cumulative Interest Balance	L29 Prev L32	3,452,001.29	\$ 3,452,453.16		\$ 3,453,018.49		\$ 3,453,780.53		\$ 3,454,555.29		\$ 3,455,201.46		\$ 3,455,681.24		\$ 3,455,972.98		\$ 3,456,244.23		\$ 3,456,427.59		\$ 3,456,573.44		\$ 3,456,755.42		\$ 3,456,938.08		
33	Total Cum Prin & Int	L31 - L32	\$4,049.04	\$ 68,389.68		\$ 97,301.35		\$ 119,153.43		\$ 100,541.05		\$ 82,630.48		\$ 47,010.65		\$ 40,638.83		\$ 36,407.97		\$ 35,673.22		\$ 35,723.65		\$ 35,925.63		\$ 36,118.89		

Case No. 18-1644-EL-RDR

THE TOLEDO EDISON COMPANY																										
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																										
For the Year Ended December 31, 2018																										
Line No.	Description	Source	Prior Yr Balance	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	YTD 2018										
Revenues																										
1	AER Rider Revenue	Sales Report	\$	55,640.63	\$	49,373.02	\$	53,793.36	\$	64,288.27	\$	62,312.71	\$	70,248.74	\$	67,937.70	\$	64,079.53	\$	55,880.99	\$	66,541.75	\$	610,096.70		
2	Prior Period AER Rev Adj																									
3	Total AER Rider Rev	Sum (L1 + L2)		55,640.63		49,373.02		53,793.36		64,288.27		62,312.71		70,248.74		67,937.70		64,079.53		55,880.99		66,541.75		610,096.70		
4	CAT Tax			0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%				
5	CAT Amount - AER Rider Rev	L3 x L4		144.67		128.37		139.86		167.15		162.01		182.65		176.64		166.61		145.29		173.01		1,586.26		
6	Total Revenues Excluding CAT	L3 - L5		55,495.96		49,244.65		53,653.50		64,121.12		62,150.70		70,066.09		67,761.06		63,912.92		55,735.70		66,368.74		608,510.44		
Costs																										
Renewable Energy Resource Costs																										
7																										
8																										
9																										
10																										
11																										
12																										
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		53,561.19		58,149.74		55,647.03		53,107.48		53,107.48		54,054.22		60,505.25		44,696.91		57,173.32		-		-	543,110.10	
Prior Period Cost Adjustments																										
14																										
15																										
16																										
17																										
18																										
19																										
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-		-		-		-		-		-		-		-		-		-		-		
21	Total AER Costs After Adj	L13 + L20		\$ 53,561.19		\$ 58,149.74		\$ 55,647.03		\$ 53,107.48		\$ 53,107.48		\$ 54,054.22		\$ 60,505.25		\$ 44,696.91		\$ 57,173.32		\$ -		\$ -	\$ 543,110.10	
22	AER Monthly Principal Bal	L21 - L6		\$ (1,934.77)		\$ 8,905.09		\$ 1,993.53		\$ (11,013.64)		\$ (9,043.22)		\$ (16,958.61)		\$ (13,706.84)		\$ (3,407.67)		\$ (11,038.79)		\$ (9,195.42)		\$ -	\$ (65,400.34)	
Calculate Interest																										
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L33		\$ 155,602.32		\$ 160,186.97		\$ 166,768.16		\$ 163,436.48		\$ 154,562.89		\$ 142,654.12		\$ 128,329.38		\$ 120,678.91		\$ 114,308.40		\$ 104,998.99		\$ 101,143.20	\$ 101,857.88	\$ 1,614,527.67
24	Prior Period Int Adj			-		-		-		-		-		-		-		-		-		-		-	-	
25	Bal. Subject to Int	L23 + L24		\$ 155,602.32		\$ 160,186.97		\$ 166,768.16		\$ 163,436.48		\$ 154,562.89		\$ 142,654.12		\$ 128,329.38		\$ 120,678.91		\$ 114,308.40		\$ 104,998.99		\$ 101,143.20	\$ 101,857.88	\$ 1,614,527.67
26	Monthly Interest Rate	Stip ESP		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		0.7066%		
27	Monthly Interest	L25 x L26		\$ 1,099.49		\$ 1,131.88		\$ 1,178.38		\$ 1,154.84		\$ 1,092.14		\$ 1,007.99		\$ 906.78		\$ 852.72		\$ 807.70		\$ 741.92		\$ 714.68	\$ 719.73	\$ 11,408.25
28	Prior Period Interest Adjustment			-		-		-		-		-		-		-		-		-		-		-	-	
29	Total Interest	L27 + L28		\$ 1,099.49		\$ 1,131.88		\$ 1,178.38		\$ 1,154.84		\$ 1,092.14		\$ 1,007.99		\$ 906.78		\$ 852.72		\$ 807.70		\$ 741.92		\$ 714.68	\$ 719.73	\$ 11,408.25
Principal & Interest Balances																										
30	Monthly Principal & Interest	L22 + L29		\$ (835.28)		\$ 10,036.97		\$ 3,171.91		\$ (9,858.80)		\$ (7,951.08)		\$ (15,950.62)		\$ (12,800.06)		\$ (2,554.95)		\$ (10,231.09)		\$ (8,453.50)		\$ 714.68	\$ 719.73	\$ (53,992.09)
31	Cumulative Principal Balance	L22 + Prev L31		(1,382,837.46)		(1,384,772.23)		(1,375,867.14)		(1,373,873.61)		(1,384,887.25)		(1,393,930.47)		(1,410,889.08)		(1,424,595.92)		(1,428,003.59)		(1,439,042.38)		(1,448,237.80)	(1,448,237.80)	(1,448,237.80)
32	Cumulative Interest Balance	L29 + Prev L32		1,539,407.16		1,540,506.65		1,541,638.53		1,542,816.91		1,543,971.75		1,545,063.89		1,546,071.88		1,546,978.66		1,547,831.38		1,548,639.08		1,549,381.00	1,550,095.68	1,550,815.41
33	Total Cum Princ & Int	L31 + L32		156,569.70		155,734.42		165,771.39		168,943.30		159,084.50		151,133.42		135,182.80		122,382.74		119,827.79		109,596.70		101,143.20	101,857.88	102,577.61

Case No. 18-1644-EL-RDR

ESTIMATED AER REVENUE

	A	B	C	D	E
	Nov-18	Dec-18	Q4 AER ¢/kWh	Nov-18	Dec-18
1 OE			0.0505	\$ 155,520	\$ 188,240
2 CEI			0.0527	\$ 80,491	\$ 105,776
3 TE			0.0785	\$ 60,030	\$ 70,902

NOTES

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

Case No. 18-1644-EL-RDR

**Estimated AER Expense**

	A			B			C			D			E			F			G			H			I			J			K			L		
	OE Estimated REC Expense			CEI Estimated REC Expense			TE Estimated REC Expense			OE Estimated RFP Expense			CEI Estimated RFP Expense			TE Estimated RFP Expense			OE Estimated Audit Expense			CEI Estimated Audit Expense			TE Estimated Audit Expense			OE Estimated Total Expense			CEI Estimated Total Expense			TE Estimated Total Expense		
2018.Nov	\$	131,975.11		\$	75,498.64		\$	51,519.92		\$	-		\$	-		\$	-		\$	5,745.09		\$	3,286.58		\$	2,242.74		\$	137,720.20		\$	78,785.22		\$	53,762.66	
2018.Dec	\$	131,975.11		\$	75,498.64		\$	51,519.92		\$	11,720.08		\$	6,704.68		\$	4,575.24		\$	-		\$	-		\$	-		\$	143,695.19		\$	82,203.32		\$	56,095.16	
2019.Jan	\$	131,975.11		\$	75,498.64		\$	51,519.92		\$	11,720.08		\$	6,704.68		\$	4,575.24		\$	-		\$	-		\$	-		\$	143,695.19		\$	82,203.32		\$	56,095.16	
2019.Feb	\$	131,975.11		\$	75,498.64		\$	51,519.92		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$	131,975.11		\$	75,498.64		\$	51,519.92	
2019.Mar	\$	131,975.11		\$	75,498.64		\$	51,519.92		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$	131,975.11		\$	75,498.64		\$	51,519.92	

**NOTES**

Estimates provided by Regulated Commodity Sourcing, Legal and Rate Support

Estimated Audit Expenses includes auditor fees and external legal fees

Column J = Column A + Column D + Column G

Column K = Column B + Column E + Column H

Column L = Column C + Column F + Column I

Case No. 18-1644-EL-RDR

Forecasted Nonshopping Sales

		A	B	C	D	E	F
		Retail Sales Level (kWh)			Retail Sales Level (MWh)		
Line No.	Year.Month	OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh
1	2018.Nov						
2	2018.Dec						
3	2019.Jan						
4	2019.Feb						
5	2019.Mar						
6	Sum of January 2019-March 2019						

Source: Forecast as of November 2018

Case No. 18-1644-EL-RDR

**RIDER AER**  
**2019 Q2 (Recovery from April 2019 through June 2019)**

Company		Apr 2019 - Jun 2019 Rate (¢/kWh)
(A)		(B)
OE	Overall	0.0627
CEI	Overall	0.0621
TE	Overall	0.0483

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



Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

Line No.	OE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	AER	\$ 0.000627		0.26%				0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jan-19		\$ 127,704.85	\$ 203,383.74	\$202,854.94	-	\$ 153,379.02	\$ 727.56	\$ 78,956.49
3	Feb-19		\$ 78,956.49	\$ 172,231.67	\$171,783.87	-	\$ 174,297.69	\$ 566.79	\$ 82,037.10
4	Mar-19		\$ 82,037.10	\$ 164,352.28	\$163,924.96	-	\$ 150,167.88	\$ 531.07	\$ 68,811.09
5	Apr-19		\$ 68,811.09	\$ 168,436.99	\$167,999.06	-	\$ 150,167.88	\$ 423.22	\$ 51,403.13
6	May-19		\$ 51,403.13	\$ 165,417.14	\$164,987.05	-	\$ 150,167.88	\$ 310.86	\$ 36,894.82
7	Jun-19		\$ 36,894.82	\$ 187,680.55	\$187,192.59	-	\$ 150,167.88	\$ 129.89	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from April 2019 through June 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of June 30, 2019.

Column (B), Line 2: Page 5, Line 33 for December 2018 Balance

Column (C), Line 2: Page 5, Line 3 for January 2019

Column (F), Line 2: Page 5, Line 21 for January 2019

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

Column (B) = Column (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except February and March 2019 see page 8, Line 1, Columns D and E

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

Column (E) = Page 5, Line 28 for January 2019

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	CEI AER							
		\$ 0.000621		0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest
2	Jan-19	\$ 14,326.71	\$ 74,343.07	\$ 74,149.78	-	\$ 84,027.74	\$136.13	\$ 24,340.80
3	Feb-19	\$ 24,340.80	\$ 71,605.40	\$ 71,419.22	-	\$ 95,488.02	\$257.03	\$ 48,666.62
4	Mar-19	\$ 48,666.62	\$ 71,358.41	\$ 71,172.88	-	\$ 82,268.64	\$383.08	\$ 60,145.46
5	Apr-19	\$ 60,145.46	\$ 101,501.76	\$ 101,237.85	-	\$ 82,268.64	\$357.97	\$ 41,534.22
6	May-19	\$ 41,534.22	\$ 97,200.35	\$ 96,947.63	-	\$ 82,268.64	\$241.62	\$ 27,096.85
7	Jun-19	\$ 27,096.85	\$ 109,746.22	\$ 109,460.88	-	\$ 82,268.64	\$95.40	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from April 2019 through June 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of June 30, 2019.

Column (B), Line 2: Page 6, Line 33 for December 2018 Balance

Column (C), Line 2: Page 6, Line 3 for January 2019

Column (F), Line 2: Page 6, Line 21 for January 2019

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except February and March 2019 see page 8, Line 2, Columns D and E

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

Column (E) = Page 6, Line 28 for January 2019

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	TE AER								
		\$ 0.000483			0.26%		0.7066%		
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jan-19		\$ 78,635.54	\$ 105,540.96	\$105,266.55	-	\$ 47,124.20	\$ 350.22	\$ 20,843.41
3	Feb-19		\$ 20,843.41	\$ 79,145.58	\$78,939.81	-	\$ 53,551.34	\$ 57.58	\$ (4,487.48)
4	Mar-19		\$ (4,487.48)	\$ 74,826.23	\$74,631.68	-	\$ 46,137.68	\$ (132.38)	\$ (33,113.86)
5	Apr-19		\$ (33,113.86)	\$ 33,576.47	\$33,489.17	-	\$ 46,137.68	\$ (189.30)	\$ (20,654.64)
6	May-19		\$ (20,654.64)	\$ 32,605.18	\$32,520.41	-	\$ 46,137.68	\$ (97.84)	\$ (7,135.21)
7	Jun-19		\$ (7,135.21)	\$ 39,078.96	\$38,977.35	-	\$ 46,137.68	\$ (25.12)	\$ -

**Notes**

Column (C), Line 1: Rate (\$ / kWh) to be charged from April 2019 through June 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of June 30, 2019.

Column (B), Line 2: Page 7, Line 33 for December 2018 Balance

Column (C), Line 2: Page 7, Line 3 for January 2019

Column (F), Line 2: Page 7, Line 21 for January 2019

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except February and March 2019 see page 8, Line 3, Columns D and E

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

Column (E) = Page 7, Line 28 for January 2019

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

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

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

Case No. 18-1644-EL-RDR

THE OHIO EDISON COMPANY																	
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																	
For the Year Ended December 31, 2019																	
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019	
<b>Revenues</b>																	
1	AER Rider Revenue	Sales Report	\$	203,383.74													203,383.74
2	Prior Period AER Rev Adj		\$		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-
3	Total AER Rider Rev	Sum (L1 + L2)		203,383.74													203,383.74
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%		
5	CAT Amount - AER Rider Rev	L3 x L4		528.80													528.80
6	Total Revenues Excluding CAT	L3 - L5		202,854.94													202,854.94
<b>Costs</b>																	
<b>Renewable Energy Resource Costs</b>																	
7																	
8																	
9																	
10																	
11																	
12																	
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		153,379.02													153,379.02
<b>Prior Period Cost Adjustments</b>																	
14																	
15																	
16																	
17																	
18																	
19																	
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-
21	Total AER Costs After Adj	L13 + L20	\$	153,379.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		153,379.02
22	AER Monthly Principal Bal	L21 - L6	\$	(49,475.92)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		(49,475.92)
<b>Calculate Interest</b>																	
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L33	\$	102,966.89	\$ 78,956.49	\$ 79,514.40	\$ 80,076.25	\$ 80,642.07	\$ 81,211.89	\$ 81,785.73	\$ 82,363.63	\$ 82,945.61	\$ 83,531.70	\$ 84,121.93	\$ 84,716.34		1,002,832.93
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-		-
25	Bal. Subject to Int	L23 + L24	\$	102,966.89	\$ 78,956.49	\$ 79,514.40	\$ 80,076.25	\$ 80,642.07	\$ 81,211.89	\$ 81,785.73	\$ 82,363.63	\$ 82,945.61	\$ 83,531.70	\$ 84,121.93	\$ 84,716.34		1,002,832.93
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%		
27	Monthly Interest	L25 x L26	\$	727.56	\$ 557.91	\$ 561.85	\$ 565.82	\$ 569.82	\$ 573.84	\$ 577.90	\$ 581.98	\$ 586.09	\$ 590.23	\$ 594.41	\$ 598.61		7,086.02
28	Prior Period Interest Adjustment																-
29	Total Interest	L27 + L28	\$	727.56	\$ 557.91	\$ 561.85	\$ 565.82	\$ 569.82	\$ 573.84	\$ 577.90	\$ 581.98	\$ 586.09	\$ 590.23	\$ 594.41	\$ 598.61		7,086.02
<b>Principal &amp; Interest Balances</b>																	
30	Monthly Principal & Interest	L22 + L29	\$	(48,748.36)	\$ 557.91	\$ 561.85	\$ 565.82	\$ 569.82	\$ 573.84	\$ 577.90	\$ 581.98	\$ 586.09	\$ 590.23	\$ 594.41	\$ 598.61		(42,389.90)
31	Cumulative Principal Balance	L22 + Prev L31	(3,885,951.25)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)	\$ (3,935,427.17)		(3,935,427.17)
32	Cumulative Interest Balance	L29 + Prev L32	4,013,656.10	4,014,383.66	4,014,941.57	4,015,503.42	4,016,069.24	4,016,639.06	4,017,212.90	4,017,790.80	4,018,372.78	4,018,958.87	4,019,549.10	4,020,143.51	4,020,742.12		4,020,742.12
33	Total Cum Princ & Int	L31 + L32	127,704.85	\$ 78,956.49	\$ 79,514.40	\$ 80,076.25	\$ 80,642.07	\$ 81,211.89	\$ 81,785.73	\$ 82,363.63	\$ 82,945.61	\$ 83,531.70	\$ 84,121.93	\$ 84,716.34	\$ 85,314.95		

Case No. 18-1644-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	74,343.07										\$	-	\$ 74,343.07
2	Prior Period AER Rev Adj													\$	-	-
3	Total AER Rider Rev	Sum (L1 - L2)		74,343.07												74,343.07
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		193.29												193.29
6	Total Revenues Excluding CAT	L3 - L5		74,149.78												74,149.78
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		84,027.74												84,027.74
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)														
21	Total AER Costs After Adj	L13 - L20		\$ 84,027.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,027.74
22	AER Monthly Principal Bal	L21 - L6		\$ 9,877.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,877.96
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L22/2 Prev L33		\$ 19,265.69	\$ 24,340.80	\$ 24,512.79	\$ 24,686.00	\$ 24,860.43	\$ 25,036.09	\$ 25,213.00	\$ 25,391.16	\$ 25,570.57	\$ 25,751.25	\$ 25,933.21	\$ 26,116.45	\$ 296,677.44
24	Prior Period Int Adj															
25	Bal. Subject to Int	L23 - L24		\$ 19,265.69	\$ 24,340.80	\$ 24,512.79	\$ 24,686.00	\$ 24,860.43	\$ 25,036.09	\$ 25,213.00	\$ 25,391.16	\$ 25,570.57	\$ 25,751.25	\$ 25,933.21	\$ 26,116.45	\$ 296,677.44
26	Monthly Interest Rate	Slip E39		0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	0.7866%	
27	Monthly Interest	L25 x L26		\$ 136.13	\$ 171.99	\$ 173.21	\$ 174.43	\$ 175.66	\$ 176.91	\$ 178.16	\$ 179.41	\$ 180.68	\$ 181.96	\$ 183.24	\$ 184.54	\$ 2,096.32
28	Prior Period Interest Adjustment															
29	Total Interest	L27 - L28		\$ 136.13	\$ 171.99	\$ 173.21	\$ 174.43	\$ 175.66	\$ 176.91	\$ 178.16	\$ 179.41	\$ 180.68	\$ 181.96	\$ 183.24	\$ 184.54	\$ 2,096.32
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 - L29		\$ 10,014.09	\$ 171.99	\$ 173.21	\$ 174.43	\$ 175.66	\$ 176.91	\$ 178.16	\$ 179.41	\$ 180.68	\$ 181.96	\$ 183.24	\$ 184.54	\$ 11,974.28
31	Cumulative Principal Balance	L22 Prev L31	(1,442,536.16)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)	\$ (3,432,658.20)
32	Cumulative Interest Balance	L29 Prev L32	3,456,862.97	3,456,899.00	3,457,170.99	3,457,344.20	3,457,518.63	3,457,694.29	3,457,871.20	3,458,049.36	3,458,228.77	3,458,409.45	3,458,591.41	3,458,774.65	3,458,959.19	3,459,144.91
33	Total Cum Prinse & Int	L31 - L32	18,226.71	\$ 24,340.80	\$ 24,512.79	\$ 24,686.00	\$ 24,860.43	\$ 25,036.09	\$ 25,213.00	\$ 25,391.16	\$ 25,570.57	\$ 25,751.25	\$ 25,933.21	\$ 26,116.45	\$ 26,300.99	\$ 26,485.99

Case No. 18-1644-EL-RDR

THE TOLEDO EDISON COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	105,540.96												\$ 105,540.96
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 - L2)		105,540.96	-	-	-	-	-	-	-	-	-	-	-	105,540.96
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		274.41	-	-	-	-	-	-	-	-	-	-	-	274.41
6	Total Revenues Excluding CAT	L3 - L5		105,266.55	-	-	-	-	-	-	-	-	-	-	-	105,266.55
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		47,124.20	-	-	-	-	-	-	-	-	-	-	-	47,124.20
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 - L20		47,124.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	47,124.20
22	AER Monthly Principal Bal	L21 - L6	\$	(58,142.35)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(58,142.35)
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L222 Prev L33	\$	49,564.37	\$ 20,843.41	\$ 20,990.69	\$ 21,139.01	\$ 21,288.38	\$ 21,438.80	\$ 21,590.29	\$ 21,742.85	\$ 21,896.48	\$ 22,051.20	\$ 22,207.01	\$ 22,363.92	\$ 287,116.41
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 L24	\$	49,564.37	\$ 20,843.41	\$ 20,990.69	\$ 21,139.01	\$ 21,288.38	\$ 21,438.80	\$ 21,590.29	\$ 21,742.85	\$ 21,896.48	\$ 22,051.20	\$ 22,207.01	\$ 22,363.92	\$ 287,116.41
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26	\$	350.22	\$ 147.28	\$ 148.32	\$ 149.37	\$ 150.42	\$ 151.49	\$ 152.56	\$ 153.63	\$ 154.72	\$ 155.81	\$ 156.91	\$ 158.02	\$ 2,028.75
28	Prior Period Interest Adjustment															\$ -
29	Total Interest	L27 L28	\$	350.22	\$ 147.28	\$ 148.32	\$ 149.37	\$ 150.42	\$ 151.49	\$ 152.56	\$ 153.63	\$ 154.72	\$ 155.81	\$ 156.91	\$ 158.02	\$ 2,028.75
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 L29	\$	(57,792.13)	\$ 147.28	\$ 148.32	\$ 149.37	\$ 150.42	\$ 151.49	\$ 152.56	\$ 153.63	\$ 154.72	\$ 155.81	\$ 156.91	\$ 158.02	\$ (56,113.60)
31	Cumulative Principal Balance	L22 Prev L31	(1,471,985.44)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)	\$ (1,530,127.79)
32	Cumulative Interest Balance	L29 Prev L32	1,550,620.98	\$ 1,550,971.20	\$ 1,551,118.48	\$ 1,551,266.80	\$ 1,551,416.17	\$ 1,551,566.59	\$ 1,551,718.08	\$ 1,551,870.64	\$ 1,552,024.27	\$ 1,552,178.99	\$ 1,552,334.80	\$ 1,552,491.71	\$ 1,552,649.73	
33	Total Cum Prin & Int	L31 L32	78,635.54	\$ 20,843.41	\$ 20,990.69	\$ 21,139.01	\$ 21,288.38	\$ 21,438.80	\$ 21,590.29	\$ 21,742.85	\$ 21,896.48	\$ 22,051.20	\$ 22,207.01	\$ 22,363.92	\$ 22,521.94	

Case No. 18-1644-EL-RDR

ESTIMATED AER REVENUE

	A	B	C	D	E
	Feb-19	Mar-19	Q1 AER ¢/kWh	Feb-19	Mar-19
1 OE			0.0490	\$ 172,232	\$ 164,352
2 CEI			0.0365	\$ 71,605	\$ 71,358
3 TE			0.0883	\$ 79,146	\$ 74,826

NOTES

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

Case No. 18-1644-EL-RDR

Estimated AER Expense

	A		B		C		D		E		F		G		H		I		J		K		L	
	OE Estimated REC Expense		CEI Estimated REC Expense		TE Estimated REC Expense		OE Estimated RFP Expense		CEI Estimated RFP Expense		TE Estimated RFP Expense		OE Estimated Audit Expense		CEI Estimated Audit Expense		TE Estimated Audit Expense		OE Estimated Total Expense		CEI Estimated Total Expense		TE Estimated Total Expense	
2019.Feb	\$	150,167.88	\$	82,268.64	\$	46,137.68	\$	24,129.81	\$	13,219.38	\$	7,413.66	\$	-	\$	-	\$	-	\$	174,297.69	\$	95,488.02	\$	53,551.34
2019.Mar	\$	150,167.88	\$	82,268.64	\$	46,137.68	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	150,167.88	\$	82,268.64	\$	46,137.68
2019.Apr	\$	150,167.88	\$	82,268.64	\$	46,137.68	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	150,167.88	\$	82,268.64	\$	46,137.68
2019.May	\$	150,167.88	\$	82,268.64	\$	46,137.68	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	150,167.88	\$	82,268.64	\$	46,137.68
2019.Jun	\$	150,167.88	\$	82,268.64	\$	46,137.68	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	150,167.88	\$	82,268.64	\$	46,137.68

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



Case No. 18-1644-EL-RDR

Forecasted Nonshopping Sales

		A	B	C	D	E	F
		Retail Sales Level (kWh)			Retail Sales Level (MWh)		
Line No.	Year.Month	OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh
1	2019.Feb						
2	2019.Mar						
3	2019.Apr						
4	2019.May						
5	2019.Jun						
6	Sum of April 2019-June 2019						

Source: Forecast as of February 2019

Case No. 18-1644-EL-RDR

**RIDER AER**

**2019 Q3 (Recovery from July 2019 through September 2019)**

Company		Jul 2019 - Sep 2019 Rate (¢/kWh)
(A)		(B)

<b>OE</b>	<b>Overall</b>	<b>0.0553</b>
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<b>CEI</b>	<b>Overall</b>	<b>0.0551</b>
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<b>TE</b>	<b>Overall</b>	<b>0.0463</b>
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**NOTES**

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

Line No.	OE	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	AER	\$ 0.000553		0.26%				0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Apr-19		\$ 67,048.36	\$ 140,451.97	\$140,086.79	-	\$ 169,632.25	\$ 578.15	\$ 97,171.97
3	May-19		\$ 97,171.97	\$ 165,367.60	\$164,937.65	-	\$ 153,961.97	\$ 647.84	\$ 86,844.13
4	Jun-19		\$ 86,844.13	\$ 187,624.35	\$187,136.53	-	\$ 153,961.97	\$ 496.43	\$ 54,166.01
5	Jul-19		\$ 54,166.01	\$ 188,139.27	\$187,650.10	-	\$ 153,961.97	\$ 263.72	\$ 20,741.60
6	Aug-19		\$ 20,741.60	\$ 182,030.74	\$181,557.46	-	\$ 153,961.97	\$ 49.07	\$ (6,804.82)
7	Sep-19		\$ (6,804.82)	\$ 147,516.74	\$147,133.20	-	\$ 153,961.97	\$ (23.96)	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from July 2019 through September 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of September 30, 2019.

Column (B), Line 2: Page 5, Line 33 for March 2019 Balance

Column (C), Line 2: Page 5, Line 3 for April 2019

Column (F), Line 2: Page 5, Line 21 for April 2019

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

Column (B) = Column (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except May and June 2019 see page 8, Line 1, Columns D and E

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

Column (E) = Page 5, Line 28 for April 2019

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	CEI AER							
		\$ 0.000551		0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest
2	Apr-19	\$ 58,018.48	\$ 67,151.14	\$ 66,976.55	-	\$ 92,932.08	\$501.66	\$ 84,475.67
3	May-19	\$ 84,475.67	\$ 97,162.61	\$ 96,909.99	-	\$ 84,347.21	\$552.52	\$ 72,465.41
4	Jun-19	\$ 72,465.41	\$ 109,703.61	\$ 109,418.38	-	\$ 84,347.21	\$423.46	\$ 47,817.70
5	Jul-19	\$ 47,817.70	\$ 108,571.56	\$ 108,289.28	-	\$ 84,347.21	\$253.29	\$ 24,128.92
6	Aug-19	\$ 24,128.92	\$ 105,200.11	\$ 104,926.59	-	\$ 84,347.21	\$97.79	\$ 3,647.33
7	Sep-19	\$ 3,647.33	\$ 88,236.80	\$ 88,007.38	-	\$ 84,347.21	\$12.84	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from July 2019 through September 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of September 30, 2019.

Column (B), Line 2: Page 6, Line 33 for March 2019 Balance

Column (C), Line 2: Page 6, Line 3 for April 2019

Column (F), Line 2: Page 6, Line 21 for April 2019

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except May and June 2019 see page 8, Line 2, Columns D and E

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

Column (E) = Page 6, Line 28 for April 2019

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	TE AER								
		\$ 0.000463			0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Apr-19		\$ (37,033.14)	\$ 59,508.44	\$59,353.72	-	\$ 52,117.93	\$ (287.24)	\$ (44,556.17)
3	May-19		\$ (44,556.17)	\$ 32,575.69	\$32,490.99	-	\$ 47,303.38	\$ (262.50)	\$ (30,006.28)
4	Jun-19		\$ (30,006.28)	\$ 39,043.61	\$38,942.09	-	\$ 47,303.38	\$ (182.48)	\$ (21,827.47)
5	Jul-19		\$ (21,827.47)	\$ 45,318.79	\$45,200.97	-	\$ 47,303.38	\$ (146.81)	\$ (19,871.87)
6	Aug-19		\$ (19,871.87)	\$ 41,808.62	\$41,699.92	-	\$ 47,303.38	\$ (120.62)	\$ (14,389.03)
7	Sep-19		\$ (14,389.03)	\$ 32,949.36	\$32,863.69	-	\$ 47,303.38	\$ (50.66)	\$ -

**Notes**

Column (C), Line 1: Rate (\$ / kWh) to be charged from July 2019 through September 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of September 30, 2019.

Column (B), Line 2: Page 7, Line 33 for March 2019 Balance

Column (C), Line 2: Page 7, Line 3 for April 2019

Column (F), Line 2: Page 7, Line 21 for April 2019

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except May and June 2019 see page 8, Line 3, Columns D and E

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

Column (E) = Page 7, Line 28 for April 2019

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

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

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

Case No. 18-1644-EL-RDR

THE OHIO EDISON COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	203,383.74	\$ 166,294.68	\$ 200,037.95	\$ 140,451.97									710,168.34
2	Prior Period AER Rev Adj		\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		203,383.74	166,294.68	200,037.95	140,451.97									710,168.34
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		528.80	432.37	520.10	365.18									1,846.45
6	Total Revenues Excluding CAT	L3 - L5		202,854.94	165,862.31	199,517.85	140,086.79	-	-	-	-	-	-	-	-	708,321.89
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		153,379.02	184,945.19	167,159.04	169,632.25	-	-	-	-	-	-	-	-	675,115.50
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
21	Total AER Costs After Adj	L13 + L20	\$	153,379.02	184,945.19	167,159.04	169,632.25	-	-	-	-	-	-	-	-	675,115.50
22	AER Monthly Principal Bal	L21 - L6	\$	(49,475.92)	\$ 19,082.88	\$ (32,358.81)	\$ 29,545.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(33,206.39)
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L33	\$	102,966.89	\$ 88,497.93	\$ 82,643.80	\$ 81,821.09	\$ 97,171.97	\$ 97,858.59	\$ 98,550.06	\$ 99,246.41	\$ 99,947.69	\$ 100,653.92	\$ 101,365.14	\$ 102,081.39	\$ 1,152,804.88
24	Prior Period Int Adj			-												-
25	Bal. Subject to Int	L23 + L24	\$	102,966.89	\$ 88,497.93	\$ 82,643.80	\$ 81,821.09	\$ 97,171.97	\$ 97,858.59	\$ 98,550.06	\$ 99,246.41	\$ 99,947.69	\$ 100,653.92	\$ 101,365.14	\$ 102,081.39	\$ 1,152,804.88
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26	\$	727.56	\$ 625.33	\$ 583.96	\$ 578.15	\$ 686.62	\$ 691.47	\$ 696.35	\$ 701.28	\$ 706.23	\$ 711.22	\$ 716.25	\$ 721.31	\$ 8,145.73
28	Prior Period Interest Adjustment				\$ 158.51											\$ 158.51
29	Total Interest	L27 + L28	\$	727.56	\$ 783.84	\$ 583.96	\$ 578.15	\$ 686.62	\$ 691.47	\$ 696.35	\$ 701.28	\$ 706.23	\$ 711.22	\$ 716.25	\$ 721.31	\$ 8,304.24
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 + L29	\$	(48,748.36)	\$ 19,866.72	\$ (31,774.85)	\$ 30,123.61	\$ 686.62	\$ 691.47	\$ 696.35	\$ 701.28	\$ 706.23	\$ 711.22	\$ 716.25	\$ 721.31	\$ (24,902.15)
31	Cumulative Principal Balance	L22 + Prev L31	(3,885,951.25)	\$ (3,935,427.17)	\$ (3,916,344.29)	\$ (3,948,703.10)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)	\$ (3,919,157.64)
32	Cumulative Interest Balance	L29 + Prev L32	4,013,656.10	4,014,383.66	4,015,167.50	4,015,751.46	4,016,329.61	4,017,016.23	4,017,707.70	4,018,404.05	4,019,105.33	4,019,811.56	4,020,522.78	4,021,239.03	4,021,960.34	4,022,681.58
33	Total Cum Princ & Int	L31 + L32	127,704.85	\$ 78,956.49	\$ 98,823.21	\$ 67,048.36	\$ 97,171.97	\$ 97,858.59	\$ 98,550.06	\$ 99,246.41	\$ 99,947.69	\$ 100,653.92	\$ 101,365.14	\$ 102,081.39	\$ 102,802.70	\$ 127,704.85

Case No. 18-1644-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	74,343.07	\$	64,417.01	\$	96,707.95	\$	67,151.14						\$ 302,619.17
2	Prior Period AER Rev Adj													\$	-	-
3	Total AER Rider Rev	Sum (L1 - L2)		74,343.07		64,417.01		96,707.95		67,151.14				-	-	302,619.17
4	CAT Tax			0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%
5	CAT Amount - AER Rider Rev	L3 x L4		193.29		167.48		251.44		174.59		-		-		786.80
6	Total Revenues Excluding CAT	L3 - L5		74,149.78		64,249.53		96,456.51		66,976.55		-		-		301,832.37
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		84,027.74		101,861.57		91,702.83		92,932.08		-		-	-	370,524.22
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-		-		-		-		-		-		-
21	Total AER Costs After Adj	L13 - L20		\$ 84,027.74		\$ 101,861.57		\$ 91,702.83		\$ 92,932.08		\$ -		\$ -		\$ 370,524.22
22	AER Monthly Principal Bal	L21 - L6		\$ 9,877.96		\$ 37,612.04		\$ (4,753.68)		\$ 25,955.53		\$ -		\$ -		\$ 68,691.85
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L22/2 Prev L33		\$ 19,265.69		\$ 43,146.82		\$ 59,971.56		\$ 70,996.25		\$ 84,475.67		\$ 85,072.58		\$ 85,673.70
24	Prior Period Int Adj															
25	Bal. Subject to Int	L23 - L24		\$ 19,265.69		\$ 43,146.82		\$ 59,971.56		\$ 70,996.25		\$ 84,475.67		\$ 85,072.58		\$ 85,673.70
26	Monthly Interest Rate	Slip E39		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%
27	Monthly Interest	L25 x L26		\$ 136.13		\$ 304.88		\$ 423.76		\$ 501.66		\$ 596.91		\$ 605.37		\$ 609.65
28	Prior Period Interest Adjustment															
29	Total Interest	L27 - L28		\$ 136.13		\$ 305.56		\$ 423.76		\$ 501.66		\$ 596.91		\$ 601.12		\$ 605.37
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 - L29		\$ 10,014.09		\$ 38,007.60		\$ (4,329.92)		\$ 26,457.19		\$ 596.91		\$ 601.12		\$ 605.37
31	Cumulative Principal Balance	L22 Prev L31		(1,442,536.16)		\$ (3,432,658.20)		\$ (3,395,046.16)		\$ (2,399,799.84)		\$ (3,373,844.31)		\$ (3,373,844.31)		\$ (3,373,844.31)
32	Cumulative Interest Balance	L29 Prev L32		3,456,862.97		3,456,599.00		3,457,398.56		3,457,618.32		3,458,219.98		3,458,518.01		3,460,122.38
33	Total Cum Prin & Int	L31 - L32		\$ 14,125.71		\$ 24,440.80		\$ 62,348.40		\$ 500,818.48		\$ 84,475.67		\$ 85,072.58		\$ 85,673.70

Case No. 18-1644-EL-RDR

THE TOLEDO EDISON COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report		\$ 105,540.96	\$ 98,078.60	\$ 70,508.17	\$ 59,508.44									\$ 333,636.17
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 - L2)		105,540.96	98,078.60	70,508.17	59,508.44	-	-	-	-	-	-	-	-	333,636.17
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		274.41	255.00	183.32	154.72	-	-	-	-	-	-	-	-	867.45
6	Total Revenues Excluding CAT	L3 - L5		105,266.55	97,823.60	70,324.85	59,353.72	-	-	-	-	-	-	-	-	332,768.72
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		47,124.20	58,679.60	51,716.01	52,117.93	-	-	-	-	-	-	-	-	209,637.74
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 - L20		\$ 47,124.20	\$ 58,679.60	\$ 51,716.01	\$ 52,117.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,637.74
22	AER Monthly Principal Bal	L21 - L6		\$ (58,142.35)	\$ (39,144.00)	\$ (18,608.84)	\$ (7,235.79)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (123,130.98)
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L222 Prev L33		\$ 49,564.37	\$ 1,271.41	\$ (27,534.16)	\$ (40,651.03)	\$ (44,556.17)	\$ (44,871.00)	\$ (45,188.06)	\$ (45,507.36)	\$ (45,828.92)	\$ (46,152.75)	\$ (46,478.87)	\$ (46,807.29)	\$ (382,739.84)
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 L24		\$ 49,564.37	\$ 1,271.41	\$ (27,534.16)	\$ (40,651.03)	\$ (44,556.17)	\$ (44,871.00)	\$ (45,188.06)	\$ (45,507.36)	\$ (45,828.92)	\$ (46,152.75)	\$ (46,478.87)	\$ (46,807.29)	\$ (382,739.84)
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		\$ 350.22	\$ 8.98	\$ (194.56)	\$ (287.24)	\$ (314.83)	\$ (317.06)	\$ (319.30)	\$ (321.56)	\$ (323.83)	\$ (326.12)	\$ (328.42)	\$ (330.74)	\$ (2,704.46)
28	Prior Period Interest Adjustment			\$	\$ 61.87											\$ 61.87
29	Total Interest	L27 L28		\$ 350.22	\$ 70.85	\$ (194.56)	\$ (287.24)	\$ (314.83)	\$ (317.06)	\$ (319.30)	\$ (321.56)	\$ (323.83)	\$ (326.12)	\$ (328.42)	\$ (330.74)	\$ (2,642.59)
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 L29		\$ (57,792.13)	\$ (39,073.15)	\$ (18,803.40)	\$ (7,523.03)	\$ (314.83)	\$ (317.06)	\$ (319.30)	\$ (321.56)	\$ (323.83)	\$ (326.12)	\$ (328.42)	\$ (330.74)	\$ (125,773.57)
31	Cumulative Principal Balance	L22 Prev L31	(1,471,985.44)	\$ (1,530,127.79)	\$ (1,569,271.79)	\$ (1,587,880.63)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)	\$ (1,595,116.42)
32	Cumulative Interest Balance	L29 Prev L32	1,550,620.98	1,550,971.20	1,551,042.05	1,550,847.49	1,550,560.25	1,550,245.42	1,549,928.36	1,549,609.06	1,549,287.50	1,548,963.67	1,548,637.55	1,548,309.13	1,547,978.39	
33	Total Cum Prin & Int	L31 L32		78,635.54	\$ 20,843.41	\$ (18,229.74)	\$ (37,033.14)	\$ (44,556.17)	\$ (44,871.00)	\$ (45,188.06)	\$ (45,507.36)	\$ (45,828.92)	\$ (46,152.75)	\$ (46,478.87)	\$ (46,807.29)	\$ (47,138.03)



Case No. 18-1644-EL-RDR

**ESTIMATED AER REVENUE**

	A	B	C	D	E
	May-19	Jun-19	Q2 AER ¢/kWh	May-19	Jun-19
1 OE			0.0627	\$ 165,368	\$ 187,624
2 CEI			0.0621	\$ 97,163	\$ 109,704
3 TE			0.0483	\$ 32,576	\$ 39,044

**NOTES**

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

Case No. 18-1644-EL-RDR

Estimated AER Expense

	A		B		C		D		E		F		G		H		I		J		K		L	
	OE Estimated REC Expense		CEI Estimated REC Expense		TE Estimated REC Expense		OE Estimated RFP Expense		CEI Estimated RFP Expense		TE Estimated RFP Expense		OE Estimated Audit Expense		CEI Estimated Audit Expense		TE Estimated Audit Expense		OE Estimated Total Expense		CEI Estimated Total Expense		TE Estimated Total Expense	
2019.May	\$	153,961.97	\$	84,347.21	\$	47,303.38	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	153,961.97	\$	84,347.21	\$	47,303.38
2019.Jun	\$	153,961.97	\$	84,347.21	\$	47,303.38	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	153,961.97	\$	84,347.21	\$	47,303.38
2019.Jul	\$	153,961.97	\$	84,347.21	\$	47,303.38	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	153,961.97	\$	84,347.21	\$	47,303.38
2019.Aug	\$	153,961.97	\$	84,347.21	\$	47,303.38	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	153,961.97	\$	84,347.21	\$	47,303.38
2019.Sep	\$	153,961.97	\$	84,347.21	\$	47,303.38	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	153,961.97	\$	84,347.21	\$	47,303.38

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

Case No. 18-1644-EL-RDR

Forecasted Nonshopping Sales

Line No. Year.Month

- 1 2019.May
- 2 2019.Jun
- 3 2019.Jul
- 4 2019.Aug
- 5 2019.Sep

6 Sum of July 2019-September 2019

Source: Forecast as of May 2019

A	B	C	D	E	F
Retail Sales Level (kWh)			Retail Sales Level (MWh)		
OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh

Case No. 18-1644-EL-RDR

**RIDER AER**  
**2019 Q4 (Recovery from October 2019 through December 2019)**

Company		Oct 2019 - Dec 2019 Rate (¢/kWh)
(A)		(B)
OE	Overall	0.0591
CEI	Overall	0.0586
TE	Overall	0.0715

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Line No.	OE AER								
1									
		\$		0.000591	0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jul-19		\$ 137,044.99	\$ 218,199.32	\$217,632.00	-	\$ 142,580.22	\$ 703.20	\$ 62,696.41
3	Aug-19		\$ 62,696.41	\$ 182,143.97	\$181,670.40	-	\$ 160,028.45	\$ 366.55	\$ 41,421.01
4	Sep-19		\$ 41,421.01	\$ 147,608.50	\$147,224.72	-	\$ 160,028.45	\$ 337.92	\$ 54,562.66
5	Oct-19		\$ 54,562.66	\$ 156,647.43	\$156,240.14	-	\$ 160,028.45	\$ 398.92	\$ 58,749.89
6	Nov-19		\$ 58,749.89	\$ 177,363.16	\$176,902.02	-	\$ 160,028.45	\$ 355.51	\$ 42,231.83
7	Dec-19		\$ 42,231.83	\$ 215,367.26	\$214,807.31	-	\$ 172,426.80	\$ 148.68	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from October 2019 through December 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of December 31, 2019.

Column (B), Line 2: Page 5, Line 33 for June 2019 Balance

Column (C), Line 2: Page 5, Line 3 for July 2019

Column (F), Line 2: Page 5, Line 21 for July 2019

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

Column (B) = Column (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except August and September 2019 see page 8, Line 1, Columns D and E

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

Column (E) = Page 5, Line 28 for July 2019

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1	CEI AER							
		\$ 0.000586		0.26%			0.7066%	
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest
2	Jul-19	\$ 110,869.81	\$ 128,084.65	\$ 127,751.63	-	\$ 78,111.78	\$608.03	\$ 61,837.99
3	Aug-19	\$ 61,837.99	\$ 105,169.18	\$ 104,895.74	-	\$ 87,670.69	\$376.09	\$ 44,989.03
4	Sep-19	\$ 44,989.03	\$ 88,210.85	\$ 87,981.50	-	\$ 87,670.69	\$316.79	\$ 44,995.02
5	Oct-19	\$ 44,995.02	\$ 93,545.74	\$ 93,302.52	-	\$ 87,670.69	\$298.04	\$ 39,661.23
6	Nov-19	\$ 39,661.23	\$ 102,705.23	\$ 102,438.20	-	\$ 87,670.69	\$228.07	\$ 25,121.80
7	Dec-19	\$ 25,121.80	\$ 119,985.26	\$ 119,673.30	-	\$ 94,463.06	\$88.44	\$ -

**NOTES**

Column (C), Line 1: Rate (\$ / kWh) to be charged from October 2019 through December 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of December 31, 2019.

Column (B), Line 2: Page 6, Line 33 for June 2019 Balance

Column (C), Line 2: Page 6, Line 3 for July 2019

Column (F), Line 2: Page 6, Line 21 for July 2019

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except August and September 2019 see page 8, Line 2, Columns D and E

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

Column (E) = Page 6, Line 28 for July 2019

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

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

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

Case No. 18-1644-EL-RDR

**ESTIMATED CUMULATIVE DEFERRAL BALANCE - RIDER AER**

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
	TE AER								
1		\$ 0.000715		0.26%			0.7066%		
	Month	MWh	Beginning Balance	Revenues	Revenues, Net of CAT	Prior Period Interest Adj	Additional REC Expense	Interest	Ending Balance
2	Jul-19		\$ 2,839.53	\$ 52,277.10	\$52,141.18	-	\$ 43,806.44	\$ (9.38)	\$ (5,504.59)
3	Aug-19		\$ (5,504.59)	\$ 41,801.13	\$41,692.45	-	\$ 49,167.25	\$ (12.49)	\$ 1,957.72
4	Sep-19		\$ 1,957.72	\$ 32,943.45	\$32,857.80	-	\$ 49,167.25	\$ 71.45	\$ 18,338.62
5	Oct-19		\$ 18,338.62	\$ 48,994.96	\$48,867.57	-	\$ 49,167.25	\$ 130.64	\$ 18,768.94
6	Nov-19		\$ 18,768.94	\$ 53,579.52	\$53,440.21	-	\$ 49,167.25	\$ 117.52	\$ 14,613.50
7	Dec-19		\$ 14,613.50	\$ 67,817.80	\$67,641.47	-	\$ 52,976.53	\$ 51.45	\$ -

**Notes**

Column (C), Line 1: Rate (\$ / kWh) to be charged from October 2019 through December 2019 so that all expenses are fully recovered within the quarter they are expected to be incurred and the Rider AER deferred balance is zero as of December 31, 2019.

Column (B), Line 2: Page 7, Line 33 for June 2019 Balance

Column (C), Line 2: Page 7, Line 3 for July 2019

Column (F), Line 2: Page 7, Line 21 for July 2019

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

Column (B) = (H), Previous Row

Column (C) = (A)\*(C)1\*1000 except August and September 2019 see page 8, Line 3, Columns D and E

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

Column (E) = Page 7, Line 28 for July 2019

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

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

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

Case No. 18-1644-EL-RDR

THE OHIO EDISON COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	203,383.74	\$ 166,294.68	\$ 200,037.95	\$ 140,451.97	\$ 161,965.58	\$ 187,909.62	\$ 218,199.32						1,278,242.86
2	Prior Period AER Rev Adj		\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
3	Total AER Rider Rev	Sum (L1 + L2)		203,383.74	166,294.68	200,037.95	140,451.97	161,965.58	187,909.62	218,199.32	-	-	-	-	-	1,278,242.86
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		528.80	432.37	520.10	365.18	421.11	488.57	567.32	-	-	-	-	-	3,323.45
6	Total Revenues Excluding CAT	L3 - L5		202,854.94	165,862.31	199,517.85	140,086.79	161,544.47	187,421.05	217,632.00	-	-	-	-	-	1,274,919.41
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		153,379.02	184,945.19	167,159.04	169,632.25	193,549.39	193,549.39	142,580.22	-	-	-	-	-	1,204,794.50
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
21	Total AER Costs After Adj	L13 + L20	\$	153,379.02	184,945.19	167,159.04	169,632.25	193,549.39	193,549.39	142,580.22	\$ -	\$ -	\$ -	\$ -	\$ -	1,204,794.50
22	AER Monthly Principal Bal	L21 - L6	\$	(49,475.92)	\$ 19,082.88	\$ (32,358.81)	\$ 29,545.46	\$ 32,004.92	\$ 6,128.34	\$ (75,051.78)	\$ -	\$ -	\$ -	\$ -	\$ -	(70,124.91)
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L22/2 + Prev L33	\$	102,966.89	\$ 88,497.93	\$ 82,643.80	\$ 81,821.09	\$ 113,174.43	\$ 133,040.75	\$ 99,519.10	\$ 62,696.41	\$ 63,139.42	\$ 63,585.56	\$ 64,034.86	\$ 64,487.33	\$ 1,019,607.57
24	Prior Period Int Adj		\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
25	Bal. Subject to Int	L23 + L24	\$	102,966.89	\$ 88,497.93	\$ 82,643.80	\$ 81,821.09	\$ 113,174.43	\$ 133,040.75	\$ 99,519.10	\$ 62,696.41	\$ 63,139.42	\$ 63,585.56	\$ 64,034.86	\$ 64,487.33	\$ 1,019,607.57
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26	\$	727.56	\$ 625.33	\$ 583.96	\$ 578.15	\$ 799.69	\$ 940.07	\$ 703.20	\$ 443.01	\$ 446.14	\$ 449.30	\$ 452.47	\$ 455.67	\$ 7,204.55
28	Prior Period Interest Adjustment		\$	-	\$ 158.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 158.51
29	Total Interest	L27 + L28	\$	727.56	\$ 783.84	\$ 583.96	\$ 578.15	\$ 799.69	\$ 940.07	\$ 703.20	\$ 443.01	\$ 446.14	\$ 449.30	\$ 452.47	\$ 455.67	\$ 7,363.06
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 + L29	\$	(48,748.36)	\$ 19,866.72	\$ (31,774.85)	\$ 30,123.61	\$ 32,804.61	\$ 7,068.41	\$ (74,348.58)	\$ 443.01	\$ 446.14	\$ 449.30	\$ 452.47	\$ 455.67	\$ (62,761.85)
31	Cumulative Principal Balance	L22 + Prev L31	(3,885,951.25)	(3,935,427.17)	(3,916,344.29)	(3,948,703.10)	(3,919,157.64)	(3,887,152.72)	(3,881,024.38)	(3,956,076.16)	(3,956,076.16)	(3,956,076.16)	(3,956,076.16)	(3,956,076.16)	(3,956,076.16)	
32	Cumulative Interest Balance	L29 + Prev L32	4,013,656.10	4,014,383.66	4,015,167.50	4,015,751.46	4,016,329.61	4,017,129.30	4,018,069.37	4,018,772.57	4,019,215.58	4,019,661.72	4,020,111.02	4,020,563.49	4,021,019.16	
33	Total Cum Princ & Int	L31 + L32	127,704.85	78,956.49	98,823.21	67,048.36	97,171.97	129,976.58	137,044.99	62,696.41	63,139.42	63,585.56	64,034.86	64,487.33	64,943.00	



Case No. 18-1644-EL-RDR

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No.	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report	\$	74,343.07	\$	64,417.01	\$	96,707.95	\$	67,151.14	\$	91,432.28	\$	96,122.73	\$	128,084.65
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 - L2)		74,343.07		64,417.01		96,707.95		67,151.14		91,432.28		96,122.73		128,084.65
4	CAT Tax			0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%		0.2600%
5	CAT Amount - AER Rider Rev	L3 x L4		193.29		167.48		251.44		174.59		237.72		249.92		333.02
6	Total Revenues Excluding CAT	L3 - L5		74,149.78		64,249.53		96,456.51		66,976.55		91,194.56		95,872.81		127,751.63
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		84,027.74		101,861.57		91,702.83		92,932.08		106,034.96		106,034.95		78,111.78
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-		-		-		-		-		-		-
21	Total AER Costs After Adj	L13 - L20		\$ 84,027.74		\$ 101,861.57		\$ 91,702.83		\$ 92,932.08		\$ 106,034.96		\$ 106,034.95		\$ 78,111.78
22	AER Monthly Principal Bal	L21 - L6		\$ 9,877.96		\$ 37,612.04		\$ (4,753.68)		\$ 25,955.53		\$ 14,840.40		\$ 10,162.14		\$ (49,639.85)
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L22/2 Prev L33		\$ 19,265.69		\$ 43,146.82		\$ 59,971.56		\$ 70,996.25		\$ 91,895.87		\$ 105,046.48		\$ 86,049.88
24	Prior Period Int Adj															
25	Bal. Subject to Int	L23 - L24		\$ 19,265.69		\$ 43,146.82		\$ 59,971.56		\$ 70,996.25		\$ 91,895.87		\$ 105,046.48		\$ 86,049.88
26	Monthly Interest Rate	Slip ESS9		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%		0.7866%
27	Monthly Interest	L25 x L26		\$ 136.13		\$ 304.88		\$ 423.76		\$ 501.66		\$ 649.34		\$ 742.26		\$ 608.03
28	Prior Period Interest Adjustment															
29	Total Interest	L27 - L28		\$ 136.13		\$ 305.56		\$ 423.76		\$ 501.66		\$ 649.34		\$ 742.26		\$ 608.03
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 - L29		\$ 10,014.09		\$ 38,007.60		\$ (4,329.92)		\$ 26,457.19		\$ 15,489.74		\$ 10,904.40		\$ (49,031.82)
31	Cumulative Principal Balance	L22 Prev L31	(1,442,536.16)	\$ (3,432,658.20)		\$ (3,395,046.16)		\$ (2,399,799.84)		\$ (3,373,344.31)		\$ (3,359,003.91)		\$ (3,348,841.77)		\$ (3,398,481.62)
32	Cumulative Interest Balance	L29 Prev L32	3,456,862.97	3,456,599.00		3,457,298.56		3,457,618.32		3,458,219.98		3,459,311.50		3,460,219.61		3,460,756.41
33	Total Cum Prin & Int	L31 - L32	18,226.71	\$ 24,440.80		\$ 62,242.40		\$ 50,818.48		\$ 84,875.80		\$ 99,965.41		\$ 110,969.81		\$ 61,877.59

Case No. 18-1644-EL-RDR

THE TOLEDO EDISON COMPANY																
Compute Quarterly Reconcilable Alternative Energy Resource Rider (AER) - Deferring Begins 9/1/2009																
For the Year Ended December 31, 2019																
Line No	Description	Source	Prior Yr Balance	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	YTD 2019
<b>Revenues</b>																
1	AER Rider Revenue	Sales Report		\$ 105,540.96	\$ 98,078.60	\$ 70,508.17	\$ 59,508.44	\$ 32,512.88	\$ 38,937.92	\$ 52,277.10						\$ 457,364.07
2	Prior Period AER Rev Adj															
3	Total AER Rider Rev	Sum (L1 - L2)		105,540.96	98,078.60	70,508.17	59,508.44	32,512.88	38,937.92	52,277.10						457,364.07
4	CAT Tax			0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	0.2600%	
5	CAT Amount - AER Rider Rev	L3 x L4		274.41	255.00	183.32	154.72	84.53	101.24	135.92						1,189.14
6	Total Revenues Excluding CAT	L3 - L5		105,266.55	97,823.60	70,324.85	59,353.72	32,428.35	38,836.68	52,141.18						456,174.93
<b>Costs</b>																
<b>Renewable Energy Resource Costs</b>																
7																
8																
9																
10																
11																
12																
13	Total AER Costs Before Adjustments	Sum (L7 - L12)		47,154.20	58,679.60	51,716.01	52,117.93	59,466.25	59,466.24	43,806.44						372,376.67
<b>Prior Period Cost Adjustments</b>																
14																
15																
16																
17																
18																
19																
20	Total Prior Period Cost Adjustments	Sum (L14 - L19)		-	-	-	-	-	-	-	-	-	-	-	-	-
21	Total AER Costs After Adj	L13 - L20		\$ 47,154.20	\$ 58,679.60	\$ 51,716.01	\$ 52,117.93	\$ 59,466.25	\$ 59,466.24	\$ 43,806.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 372,376.67
22	AER Monthly Principal Bal	L21 - L6		\$ (58,142.35)	\$ (39,144.00)	\$ (18,608.84)	\$ (7,235.79)	\$ 27,037.90	\$ 20,629.56	\$ (8,334.74)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (83,798.26)
<b>Calculate Interest</b>																
23	Bal. Subject to Int Prior Period Adj.	L222 Prev L33		\$ 49,564.37	\$ 1,271.41	\$ (27,534.16)	\$ (40,651.03)	\$ (31,037.22)	\$ (7,422.80)	\$ (1,327.84)	\$ (5,504.59)	\$ (5,543.49)	\$ (5,582.66)	\$ (5,622.11)	\$ (5,661.84)	\$ (85,051.97)
24	Prior Period Int Adj			-	-	-	-	-	-	-	-	-	-	-	-	-
25	Bal. Subject to Int	L23 L24		\$ 49,564.37	\$ 1,271.41	\$ (27,534.16)	\$ (40,651.03)	\$ (31,037.22)	\$ (7,422.80)	\$ (1,327.84)	\$ (5,504.59)	\$ (5,543.49)	\$ (5,582.66)	\$ (5,622.11)	\$ (5,661.84)	\$ (85,051.97)
26	Monthly Interest Rate	Stip ESP		0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	0.7066%	
27	Monthly Interest	L25 x L26		\$ 350.22	\$ 8.98	\$ (194.56)	\$ (287.24)	\$ (219.31)	\$ (52.45)	\$ (9.38)	\$ (38.90)	\$ (39.17)	\$ (39.45)	\$ (39.73)	\$ (40.01)	\$ (601.00)
28	Prior Period Interest Adjustment			\$ -	\$ 61.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61.87
29	Total Interest	L27 L28		\$ 350.22	\$ 70.85	\$ (194.56)	\$ (287.24)	\$ (219.31)	\$ (52.45)	\$ (9.38)	\$ (38.90)	\$ (39.17)	\$ (39.45)	\$ (39.73)	\$ (40.01)	\$ (539.13)
<b>Principal &amp; Interest Balances</b>																
30	Monthly Principal & Interest	L22 L29		\$ (57,792.13)	\$ (39,073.15)	\$ (18,803.40)	\$ (7,523.03)	\$ 26,818.59	\$ 20,577.11	\$ (8,344.12)	\$ (38.90)	\$ (39.17)	\$ (39.45)	\$ (39.73)	\$ (40.01)	\$ (84,337.39)
31	Cumulative Principal Balance	L22 Prev L31	(1,471,985.44)	\$ (1,530,127.79)	\$ (1,569,271.79)	\$ (1,587,880.63)	\$ (1,595,116.42)	\$ (1,568,078.52)	\$ (1,547,448.96)	\$ (1,555,783.70)	\$ (1,555,783.70)	\$ (1,555,783.70)	\$ (1,555,783.70)	\$ (1,555,783.70)	\$ (1,555,783.70)	
32	Cumulative Interest Balance	L29 Prev L32	1,550,620.98	1,550,971.20	1,551,042.05	1,550,847.49	1,550,560.25	1,550,340.94	1,550,288.49	1,550,279.11	1,550,240.21	1,550,201.04	1,550,161.59	1,550,121.86	1,550,081.85	
33	Total Cum Prin & Int	L31 L32	78,635.54	\$ 20,843.41	\$ (18,229.74)	\$ (37,033.14)	\$ (44,556.17)	\$ (17,737.58)	\$ 2,839.53	\$ (5,504.59)	\$ (5,543.49)	\$ (5,582.66)	\$ (5,622.11)	\$ (5,661.84)	\$ (5,701.85)	

Case No. 18-1644-EL-RDR

ESTIMATED AER REVENUE

	A	B	C	D	E
	Aug-19	Sep-19	Q3 AER ¢/kWh	Aug-19	Sep-19
1 OE			0.0553	\$ 182,144	\$ 147,609
2 CEI			0.0551	\$ 105,169	\$ 88,211
3 TE			0.0463	\$ 41,801	\$ 32,943

NOTES

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

Case No. 18-1644-EL-RDR

Estimated AER Expense

	A		B		C		D		E		F		G		H		I		J		K		L	
	OE Estimated REC Expense		CEI Estimated REC Expense		TE Estimated REC Expense		OE Estimated RFP Expense		CEI Estimated RFP Expense		TE Estimated RFP Expense		OE Estimated Audit Expense		CEI Estimated Audit Expense		TE Estimated Audit Expense		OE Estimated Total Expense		CEI Estimated Total Expense		TE Estimated Total Expense	
2019.Aug	\$	160,028.45	\$	87,670.69	\$	49,167.25	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	160,028.45	\$	87,670.69	\$	49,167.25
2019.Sep	\$	160,028.45	\$	87,670.69	\$	49,167.25	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	160,028.45	\$	87,670.69	\$	49,167.25
2019.Oct	\$	160,028.45	\$	87,670.69	\$	49,167.25	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	160,028.45	\$	87,670.69	\$	49,167.25
2019.Nov	\$	160,028.45	\$	87,670.69	\$	49,167.25	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	160,028.45	\$	87,670.69	\$	49,167.25
2019.Dec	\$	160,028.45	\$	87,670.69	\$	49,167.25	\$	12,398.35	\$	6,792.37	\$	3,809.28	\$	-	\$	-	\$	-	\$	172,426.80	\$	94,463.06	\$	52,976.53

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

Case No. 18-1644-EL-RDR

Forecasted Nonshopping Sales

Line No. Year.Month

- 1 2019.Aug
- 2 2019.Sep
- 3 2019.Oct
- 4 2019.Nov
- 5 2019.Dec

6 Sum of October 2019-December 2019

Source: Forecast as of August 2019

A	B	C	D	E	F
Retail Sales Level (kWh)			Retail Sales Level (MWh)		
OE01 kWh	CE01 kWh	TE01 kWh	OE01 MWh	CE01 MWh	TE01 MWh

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning January 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0365¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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Filed pursuant to Orders dated May 27, 2009, July 18, 2012, March 31, 2016 and March 28, 2018, in  
Case Nos. 08-935-EL-SSO et al., 12-1230-EL-SSO, 14-1297-EL-SSO and 17-2275, respectively and

Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning January 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge

0.0490¢

**PROVISIONS:**

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

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Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning January 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0883¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio



**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning April 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0621¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning April 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge

0.0627¢

**PROVISIONS:**

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

**RIDER UPDATES:**

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Filed pursuant to Orders dated May 27, 2009, July 18, 2012, March 31, 2016 and March 28, 2018, in  
Case Nos. 08-935-EL-SSO et al., 12-1230-EL-SSO, 14-1297-EL-SSO and 17-2275-EL-RDR, respectively and

Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning April 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0483¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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Filed pursuant to Orders dated May 27, 2009, July 18, 2012, March 31, 2016 and March 28, 2018, in  
Case Nos. 08-935-EL-SSO et al., 12-1230-EL-SSO, 14-1297-EL-SSO and 17-2275-EL-RDR, respectively and

Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning July 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0551¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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Filed pursuant to Orders dated May 27, 2009, July 18, 2012, March 31, 2016 and March 28, 2018, in  
Case Nos. 08-935-EL-SSO et al., 12-1230-EL-SSO, 14-1297-EL-SSO and 17-2275-EL-RDR, respectively and

Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning July 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0553¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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**Alternative Energy Resource Rider**

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**RATE:**

AER charge

0.0463¢

**PROVISIONS:**

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

**RIDER UPDATES:**

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**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0586¢
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**PROVISIONS:**

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**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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Case No. 18-1644-EL-RDR, before  
The Public Utilities Commission of Ohio

**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0591¢
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**PROVISIONS:**

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The Public Utilities Commission of Ohio



**RIDER AER**  
**Alternative Energy Resource Rider**

**APPLICABILITY:**

Applicable to any customer that takes electric service under the Company's rate schedules. The Alternative Energy Resource Rider (AER) is not applied to customers during the period the customer takes electric generation service from a certified supplier. The following charge will apply, for all rate schedules, effective for service rendered beginning October 1, 2019, for all kWhs per kWh:

**RATE:**

AER charge	0.0715¢
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**PROVISIONS:**

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

**RIDER UPDATES:**

The charges contained in this Rider shall be updated and reconciled on a quarterly basis. No later than December 1st, March 1st, June 1st and September 1st of each year, the Company will file with the PUCO a request for approval of the Rider charges which, unless otherwise ordered by the PUCO, shall become effective on a service rendered basis on January 1st, April 1st, July 1st and October 1st of each year, beginning October 1, 2016. This Rider is subject to reconciliation, including, but not limited to increases or refunds. Such reconciliation shall be based solely upon the results of audits ordered by the Commission in accordance with the July 18, 2012 Opinion and Order in Case No. 12-1230-EL-SSO, and the March 31, 2016 Opinion and Order in Case No. 14-1297-EL-SSO.

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The Public Utilities Commission of Ohio

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**2/28/2020 1:05:24 PM**

**in**

**Case No(s). 18-1644-EL-RDR**

Summary: Report In Support of Staff's 2019 Annual Review of the Alternative Energy Resource Rider (Rider AER) electronically filed by Karen A Sweeney on behalf of The Cleveland Electric Illuminating Company and Ohio Edison Company and The Toledo Edison Company and Emily V Danford