

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of The Dayton)	
Power and Light Company d/b/a AES Ohio)	Case No. 22-1071-EL-RDR
for Approval to)	
Update its Legacy Generation Rider)	

APPLICATION OF AES OHIO TO UPDATE ITS LEGACY GENERATION RIDER

Pursuant to R.C. 4928.148, the November 21, 2019 Entry in Case No. 19-1808-EL-UNC (“LGR Order”), and December 18, 2019 Finding and Order in Case No. 19-2133-EL-ATA (“Initial LGR Tariff Order”), The Dayton Power and Light Company d/b/a AES Ohio files this Application to update its Legacy Generation Resource Rider (“LGR Rider”).

In support of this Application AES Ohio states as follows:

1. AES Ohio is a public utility and electric light company pursuant to R.C. 4905.02 and 4905.03(C), respectively, and an electric distribution utility pursuant to R.C. 4928.01(A)(6).
2. Section 4928.148 of the Revised Code required the Commission to establish a non-bypassable rate mechanism to recover prudently incurred costs relating to a legacy generation resource.
3. Pursuant to R.C. 4928.148, the Commission established the LGR Rider for Ohio electric distribution utilities and the rider’s rate design, including but not limited to semi-annual updates. LGR Order, ¶¶ 32-33, 38. The Commission also required electric distribution utilities to file proposed LGR Rider tariffs by December 9, 2019. *Id.* at ¶ 41. The Commission approved AES Ohio’s LGR Rider tariff, effective January 1, 2020, in the Initial LGR Tariff Order.
4. AES Ohio filed its most recent semi-annual update on May 31, 2022 in Case No. 22-0547-EL-RDR, with final tariffs effective July 1, 2022.

5. Pursuant to R.C. 4928.148, the LGR Order, and the Initial LGR Tariff Order, AES Ohio files this semi-annual application to update its LGR Rider for rates effective January 1, 2023, which shall become effective on the proposed effective date unless otherwise specified by the Commission.

6. In support of this application to update its LGR Rider, a Proposed Tariff Schedule and Typical Bill Comparison are attached.

7. As set forth in the Typical Bill Comparison, the LGR customer charge for a residential customer results in a decrease of \$0.24 per month for the January 2023 through June 2023 time period.

8. AES Ohio's proposed rates included in the updated LGR Rider, as reflected in the proposed tariff, are just and reasonable and should be approved.

WHEREFORE, AES Ohio requests that the rate shall become effective on the proposed date unless otherwise specified by the Commission with updated tariff rates for its LGR Rider to be made effective on a bills-rendered basis with AES Ohio's first billing unit beginning in January 2023.

Respectfully submitted,

/s/ Christopher Hollon
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Counsel for AES Ohio

(willing to accept service by e-mail)

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
LEGACY GENERATION RIDER

DESCRIPTION:

The Legacy Generation Resource Rider (LGR) recovers prudently incurred costs related to a legacy generation resource rider as described in Ohio Revised Code Section 4928.148.

APPLICABLE:

This Rider will be assessed on each monthly bill, effective on a bills-rendered basis beginning January 1, 2023 for all customers served under the Electric Distribution Service Tariff Sheets D17-D25 based on the following rates.

CHARGES:

	<u>Part A</u>	<u>Part B</u>	<u>Total Rate</u>	
Residential	\$(0.46)	\$0.168919	\$(0.29)	/month
Residential Heating	\$(0.46)	\$0.168919	\$(0.29)	/month
Secondary (0 – 833,000 kWh)	\$(0.000701)	\$0.000054	\$(0.000647)	/kWh
Primary (0 – 833,000 kWh)	\$(0.000701)	\$0.000054	\$(0.000647)	/kWh
Primary Substation (0 – 833,000 kWh)	\$(0.000701)	\$0.000054	\$(0.000647)	/kWh
High Voltage (0 – 833,000 kWh)	\$(0.000701)	\$0.000054	\$(0.000647)	/kWh
Street Lighting (0 – 833,000 kWh)	\$(0.000701)	\$0.000054	\$(0.000647)	/kWh
<u>Private Outdoor Lighting</u> (0 – 833,000 kWh)				
3600 Lumens LED	\$(0.009813)	\$0.000755	\$(0.009058)	/lamp/month
8400 Lumens LED	\$(0.021027)	\$0.001617	\$(0.019410)	/lamp/month
9,500 Lumens High Pressure Sodium	\$(0.027335)	\$0.002102	\$(0.025233)	/lamp/month
28,000 Lumens High Pressure Sodium	\$(0.067286)	\$0.005174	\$(0.062112)	/lamp/month
7,000 Lumens Mercury	\$(0.052567)	\$0.004042	\$(0.048525)	/lamp/month
21,000 Lumens Mercury	\$(0.107938)	\$0.008300	\$(0.099637)	/lamp/month
2,500 Lumens Incandescent	\$(0.044857)	\$0.003450	\$(0.041408)	/lamp/month
7,000 Lumens Fluorescent	\$(0.046529)	\$0.003557	\$(0.042702)	/lamp/month
4,000 Lumens PT Mercury	\$(0.030138)	\$0.002318	\$(0.027821)	/lamp/month

The rates on this Tariff Sheet are updated semi-annually. This Rider is subject to reconciliation, including but not limited to, refunds to customers, based upon the results of audits as approved and ordered by the Commission.

Filed pursuant to the Finding and Order in Case No.19-1808-EL-UNC dated November 21, 2019 of the Public Utilities Commission of Ohio.

Issued

Effective January 1, 2023

Issued by
KRISTINA LUND, President and Chief Executive Officer

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Residential

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$15.48	\$15.24	(\$0.24)	-1.55%
2	0.0	100	\$22.94	\$22.70	(\$0.24)	-1.05%
3	0.0	200	\$37.88	\$37.64	(\$0.24)	-0.63%
4	0.0	400	\$67.78	\$67.54	(\$0.24)	-0.35%
5	0.0	500	\$82.73	\$82.49	(\$0.24)	-0.29%
6	0.0	750	\$120.08	\$119.84	(\$0.24)	-0.20%
7	0.0	1,000	\$157.14	\$156.90	(\$0.24)	-0.15%
8	0.0	1,200	\$186.79	\$186.55	(\$0.24)	-0.13%
9	0.0	1,400	\$216.43	\$216.19	(\$0.24)	-0.11%
10	0.0	1,500	\$231.26	\$231.02	(\$0.24)	-0.10%
11	0.0	2,000	\$305.37	\$305.13	(\$0.24)	-0.08%
12	0.0	2,500	\$379.29	\$379.05	(\$0.24)	-0.06%
13	0.0	3,000	\$453.18	\$452.94	(\$0.24)	-0.05%
14	0.0	4,000	\$600.97	\$600.73	(\$0.24)	-0.04%
15	0.0	5,000	\$748.76	\$748.52	(\$0.24)	-0.03%
16	0.0	7,500	\$1,118.23	\$1,117.99	(\$0.24)	-0.02%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Residential Heat (Winter)

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$14.64	\$14.40	(\$0.24)	-1.64%
2	0.0	100	\$21.26	\$21.02	(\$0.24)	-1.13%
3	0.0	200	\$34.53	\$34.29	(\$0.24)	-0.70%
4	0.0	400	\$61.07	\$60.83	(\$0.24)	-0.39%
5	0.0	500	\$74.35	\$74.11	(\$0.24)	-0.32%
6	0.0	750	\$107.50	\$107.26	(\$0.24)	-0.22%
7	0.0	1,000	\$139.86	\$139.62	(\$0.24)	-0.17%
8	0.0	1,200	\$165.74	\$165.50	(\$0.24)	-0.14%
9	0.0	1,400	\$191.62	\$191.38	(\$0.24)	-0.13%
10	0.0	1,500	\$204.56	\$204.32	(\$0.24)	-0.12%
11	0.0	2,000	\$269.26	\$269.02	(\$0.24)	-0.09%
12	0.0	2,500	\$333.75	\$333.51	(\$0.24)	-0.07%
13	0.0	3,000	\$398.22	\$397.98	(\$0.24)	-0.06%
14	0.0	4,000	\$527.18	\$526.94	(\$0.24)	-0.05%
15	0.0	5,000	\$656.13	\$655.89	(\$0.24)	-0.04%
16	0.0	7,500	\$978.50	\$978.26	(\$0.24)	-0.02%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Residential Heat (Summer)

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$15.65	\$15.41	(\$0.24)	-1.53%
2	0.0	100	\$23.13	\$22.89	(\$0.24)	-1.04%
3	0.0	200	\$38.10	\$37.86	(\$0.24)	-0.63%
4	0.0	400	\$68.07	\$67.83	(\$0.24)	-0.35%
5	0.0	500	\$83.04	\$82.80	(\$0.24)	-0.29%
6	0.0	750	\$120.49	\$120.25	(\$0.24)	-0.20%
7	0.0	1,000	\$157.63	\$157.39	(\$0.24)	-0.15%
8	0.0	1,200	\$187.37	\$187.13	(\$0.24)	-0.13%
9	0.0	1,400	\$217.07	\$216.83	(\$0.24)	-0.11%
10	0.0	1,500	\$231.94	\$231.70	(\$0.24)	-0.10%
11	0.0	2,000	\$306.23	\$305.99	(\$0.24)	-0.08%
12	0.0	2,500	\$380.33	\$380.09	(\$0.24)	-0.06%
13	0.0	3,000	\$454.40	\$454.16	(\$0.24)	-0.05%
14	0.0	4,000	\$602.55	\$602.31	(\$0.24)	-0.04%
15	0.0	5,000	\$750.70	\$750.46	(\$0.24)	-0.03%
16	0.0	7,500	\$1,121.07	\$1,120.83	(\$0.24)	-0.02%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Secondary Unmetered

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$23.41	\$23.39	(\$0.02)	-0.09%
2	0.0	100	\$29.50	\$29.46	(\$0.04)	-0.14%
3	0.0	150	\$35.61	\$35.55	(\$0.06)	-0.17%
4	0.0	200	\$41.68	\$41.59	(\$0.09)	-0.22%
5	0.0	300	\$53.86	\$53.73	(\$0.13)	-0.24%
6	0.0	400	\$66.05	\$65.88	(\$0.17)	-0.26%
7	0.0	500	\$78.24	\$78.03	(\$0.21)	-0.27%
8	0.0	600	\$90.41	\$90.15	(\$0.26)	-0.29%
9	0.0	800	\$114.78	\$114.44	(\$0.34)	-0.30%
10	0.0	1,000	\$139.13	\$138.70	(\$0.43)	-0.31%
11	0.0	1,200	\$163.51	\$163.00	(\$0.51)	-0.31%
12	0.0	1,400	\$187.85	\$187.25	(\$0.60)	-0.32%
13	0.0	1,600	\$211.86	\$211.17	(\$0.69)	-0.33%
14	0.0	2,000	\$259.05	\$258.19	(\$0.86)	-0.33%
15	0.0	2,200	\$282.56	\$281.62	(\$0.94)	-0.33%
16	0.0	2,400	\$306.08	\$305.05	(\$1.03)	-0.34%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Secondary Single Phase

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	5	750	\$134.58	\$134.26	(\$0.32)	-0.24%
2	5	1,500	\$230.45	\$229.81	(\$0.64)	-0.28%
3	10	1,500	\$249.23	\$248.59	(\$0.64)	-0.26%
4	25	5,000	\$769.69	\$767.54	(\$2.15)	-0.28%
5	25	7,500	\$1,063.54	\$1,060.32	(\$3.22)	-0.30%
6	25	10,000	\$1,357.39	\$1,353.10	(\$4.29)	-0.32%
7	50	15,000	\$2,104.61	\$2,098.17	(\$6.44)	-0.31%
8	50	25,000	\$3,274.42	\$3,263.69	(\$10.73)	-0.33%
9	200	50,000	\$7,155.98	\$7,134.53	(\$21.45)	-0.30%
10	200	100,000	\$13,005.02	\$12,962.12	(\$42.90)	-0.33%
11	300	125,000	\$16,567.56	\$16,513.93	(\$53.63)	-0.32%
12	500	200,000	\$26,583.43	\$26,497.63	(\$85.80)	-0.32%
13	1,000	300,000	\$41,426.65	\$41,297.95	(\$128.70)	-0.31%
14	1,000	500,000	\$64,732.87	\$64,518.37	(\$214.50)	-0.33%
15	2,500	750,000	\$103,435.90	\$103,114.15	(\$321.75)	-0.31%
16	2,500	1,000,000	\$132,533.88	\$132,176.52	(\$357.36)	-0.27%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Secondary Three Phase

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	5	500	\$105.36	\$105.15	(\$0.21)	-0.20%
2	5	1,500	\$239.47	\$238.83	(\$0.64)	-0.27%
3	10	1,500	\$258.25	\$257.61	(\$0.64)	-0.25%
4	25	5,000	\$778.70	\$776.55	(\$2.15)	-0.28%
5	25	7,500	\$1,072.55	\$1,069.33	(\$3.22)	-0.30%
6	25	10,000	\$1,366.40	\$1,362.11	(\$4.29)	-0.31%
7	50	25,000	\$3,283.43	\$3,272.70	(\$10.73)	-0.33%
8	200	50,000	\$7,165.00	\$7,143.55	(\$21.45)	-0.30%
9	200	125,000	\$15,938.57	\$15,884.94	(\$53.63)	-0.34%
10	500	200,000	\$26,592.45	\$26,506.65	(\$85.80)	-0.32%
11	1,000	300,000	\$41,435.66	\$41,306.96	(\$128.70)	-0.31%
12	1,000	500,000	\$64,741.88	\$64,527.38	(\$214.50)	-0.33%
13	2,500	750,000	\$103,444.91	\$103,123.16	(\$321.75)	-0.31%
14	2,500	1,000,000	\$132,542.89	\$132,185.53	(\$357.36)	-0.27%
15	5,000	1,500,000	\$206,654.74	\$206,297.38	(\$357.36)	-0.17%
16	5,000	2,000,000	\$264,816.14	\$264,458.78	(\$357.36)	-0.13%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Primary Service

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	5	1,000	\$384.82	\$384.39	(\$0.43)	-0.11%
2	5	2,500	\$556.50	\$555.43	(\$1.07)	-0.19%
3	10	5,000	\$867.38	\$865.23	(\$2.15)	-0.25%
4	25	7,500	\$1,229.41	\$1,226.19	(\$3.22)	-0.26%
5	25	10,000	\$1,514.74	\$1,510.45	(\$4.29)	-0.28%
6	50	20,000	\$2,781.11	\$2,772.53	(\$8.58)	-0.31%
7	50	30,000	\$3,916.87	\$3,904.00	(\$12.87)	-0.33%
8	200	50,000	\$6,955.16	\$6,933.71	(\$21.45)	-0.31%
9	200	75,000	\$9,794.55	\$9,762.37	(\$32.18)	-0.33%
10	200	100,000	\$12,633.96	\$12,591.06	(\$42.90)	-0.34%
11	500	250,000	\$31,203.87	\$31,096.62	(\$107.25)	-0.34%
12	1,000	500,000	\$62,153.59	\$61,939.09	(\$214.50)	-0.35%
13	2,500	1,000,000	\$126,574.13	\$126,216.77	(\$357.36)	-0.28%
14	5,000	2,500,000	\$309,404.78	\$309,047.42	(\$357.36)	-0.12%
15	10,000	5,000,000	\$618,382.04	\$618,024.68	(\$357.36)	-0.06%
16	25,000	7,500,000	\$978,473.40	\$978,116.04	(\$357.36)	-0.04%
17	25,000	10,000,000	\$1,261,893.65	\$1,261,536.29	(\$357.36)	-0.03%
18	50,000	15,000,000	\$1,956,519.19	\$1,956,161.83	(\$357.36)	-0.02%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Primary Substation

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	3,000	1,000,000	\$123,433.82	\$123,076.46	(\$357.36)	-0.29%
2	5,000	2,000,000	\$242,673.69	\$242,316.33	(\$357.36)	-0.15%
3	5,000	3,000,000	\$354,822.29	\$354,464.93	(\$357.36)	-0.10%
4	10,000	4,000,000	\$484,699.07	\$484,341.71	(\$357.36)	-0.07%
5	10,000	5,000,000	\$596,847.67	\$596,490.31	(\$357.36)	-0.06%
6	15,000	6,000,000	\$726,724.46	\$726,367.10	(\$357.36)	-0.05%
7	15,000	7,000,000	\$838,873.06	\$838,515.70	(\$357.36)	-0.04%
8	15,000	8,000,000	\$951,021.66	\$950,664.30	(\$357.36)	-0.04%
9	25,000	9,000,000	\$1,098,626.67	\$1,098,269.31	(\$357.36)	-0.03%
10	25,000	10,000,000	\$1,210,775.27	\$1,210,417.91	(\$357.36)	-0.03%
11	30,000	12,500,000	\$1,508,874.96	\$1,508,517.60	(\$357.36)	-0.02%
12	30,000	15,000,000	\$1,789,246.46	\$1,788,889.10	(\$357.36)	-0.02%
13	50,000	17,500,000	\$2,140,530.69	\$2,140,173.33	(\$357.36)	-0.02%
14	50,000	20,000,000	\$2,420,902.19	\$2,420,544.83	(\$357.36)	-0.01%
15	50,000	25,000,000	\$2,981,645.19	\$2,981,287.83	(\$357.36)	-0.01%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
High Voltage Service

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	1,000	500,000	\$60,326.39	\$60,111.89	(\$214.50)	-0.36%
2	2,000	1,000,000	\$119,484.30	\$119,126.94	(\$357.36)	-0.30%
3	3,000	1,500,000	\$178,572.84	\$178,215.48	(\$357.36)	-0.20%
4	3,500	2,000,000	\$236,145.82	\$235,788.46	(\$357.36)	-0.15%
5	5,000	2,500,000	\$296,749.93	\$296,392.57	(\$357.36)	-0.12%
6	7,500	3,000,000	\$360,385.18	\$360,027.82	(\$357.36)	-0.10%
7	7,500	4,000,000	\$472,499.98	\$472,142.62	(\$357.36)	-0.08%
8	10,000	5,000,000	\$592,192.63	\$591,835.27	(\$357.36)	-0.06%
9	10,000	6,000,000	\$704,307.43	\$703,950.07	(\$357.36)	-0.05%
10	12,500	7,000,000	\$824,000.09	\$823,642.73	(\$357.36)	-0.04%
11	12,500	8,000,000	\$936,114.89	\$935,757.53	(\$357.36)	-0.04%
12	15,000	9,000,000	\$1,055,807.54	\$1,055,450.18	(\$357.36)	-0.03%
13	20,000	10,000,000	\$1,183,078.04	\$1,182,720.68	(\$357.36)	-0.03%
14	40,000	20,000,000	\$2,364,848.86	\$2,364,491.50	(\$357.36)	-0.02%
15	60,000	30,000,000	\$3,546,619.69	\$3,546,262.33	(\$357.36)	-0.01%

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Private Outdoor Lighting

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

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Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	7000					
2	Mercury	75	\$21.19	\$21.16	(\$0.03)	-0.14%
3						
4	21000					
5	Mercury	154	\$30.50	\$30.43	(\$0.07)	-0.23%
6						
7	2500					
8	Incandescent	64	\$19.99	\$19.96	(\$0.03)	-0.15%
9						
10	7000					
11	Fluorescent	66	\$20.33	\$20.30	(\$0.03)	-0.15%
12						
13	4000					
14	Mercury	43	\$17.88	\$17.86	(\$0.02)	-0.11%
15						
16	9500					
17	High Pressure Sodium	39	\$16.94	\$16.92	(\$0.02)	-0.12%
18						
19	28000					
20	High Pressure Sodium	96	\$23.66	\$23.62	(\$0.04)	-0.17%
21						
22	3600					
23	LED	14	\$14.19	\$14.18	(\$0.01)	-0.07%
24						
25	8400					
26	LED	30	\$16.06	\$16.05	(\$0.01)	-0.06%

Note: Current and proposed bills included monthly charge for 1 fixture, 1 pole, and 1 span

AES Ohio
Case No. 22-1071-EL-RDR
Legacy Generation Rider
Typical Bill Comparison
Street Lighting

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

Page 11 of 11

Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase/ (Decrease)	Percent Increase/ (Decrease)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$18.42	\$18.40	(\$0.02)	-0.11%
2	0.0	100	\$25.06	\$25.02	(\$0.04)	-0.16%
3	0.0	200	\$38.35	\$38.26	(\$0.09)	-0.23%
4	0.0	400	\$64.94	\$64.77	(\$0.17)	-0.26%
5	0.0	500	\$78.22	\$78.01	(\$0.21)	-0.27%
6	0.0	750	\$111.48	\$111.16	(\$0.32)	-0.29%
7	0.0	1,000	\$144.66	\$144.23	(\$0.43)	-0.30%
8	0.0	1,200	\$171.26	\$170.75	(\$0.51)	-0.30%
9	0.0	1,400	\$197.83	\$197.23	(\$0.60)	-0.30%
10	0.0	1,600	\$224.41	\$223.72	(\$0.69)	-0.31%
11	0.0	2,000	\$277.55	\$276.69	(\$0.86)	-0.31%
12	0.0	2,500	\$343.78	\$342.71	(\$1.07)	-0.31%
13	0.0	3,000	\$410.02	\$408.73	(\$1.29)	-0.31%
14	0.0	4,000	\$542.45	\$540.73	(\$1.72)	-0.32%
15	0.0	5,000	\$674.88	\$672.73	(\$2.15)	-0.32%

AES Ohio
Case No. 22-1071-EL-RDR
Calculation of Private Outdoor Lighting Charges

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s): None

WP-1

Page 1 of 1

Line	Description	kWh / Fixture	\$ / KWH Rate			POL Charge/Fixture/Month		
			Part A	Part B	Total	Part A	Part B	Total
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
						(C * D)	(C * E)	(G + H)
1	Private Outdoor Lighting							
2	3600 Lumens LED	14	(0.000701)	0.000054	(0.000647)	(0.009813)	0.000755	(0.009058)
3	8400 Lumens LED	30	(0.000701)	0.000054	(0.000647)	(0.021027)	0.001617	(0.019410)
4	9500 Lumens High Pressure Sodium	39	(0.000701)	0.000054	(0.000647)	(0.027335)	0.002102	(0.025233)
5	28000 Lumens High Pressure Sodium	96	(0.000701)	0.000054	(0.000647)	(0.067286)	0.005174	(0.062112)
6	7000 Lumens Mercury	75	(0.000701)	0.000054	(0.000647)	(0.052567)	0.004042	(0.048525)
7	21000 Lumens Mercury	154	(0.000701)	0.000054	(0.000647)	(0.107938)	0.008300	(0.099637)
8	2500 Lumens Incandescent	64	(0.000701)	0.000054	(0.000647)	(0.044857)	0.003450	(0.041408)
9	7000 Lumens Fluorescent	66	(0.000701)	0.000054	(0.000647)	(0.046259)	0.003557	(0.042702)
10	4000 Lumens PT Mercury	43	(0.000701)	0.000054	(0.000647)	(0.030138)	0.002318	(0.027821)

PART A Rates

Inputs:

Rate Period:

Jan 1, 2023 - June 30, 2023

Projected KWHS (6 months)				
	Res	C&I < 833,000	C&I >833,000	Total
FE	8,473,018,664	10,725,540,474	6,286,379,630	25,484,938,768
Duke	3,595,181,920	3,718,677,962	2,190,713,418	9,504,573,300
DPL	2,800,515,511	2,788,045,617	1,341,578,715	6,930,139,843
AEP	7,390,020,119	8,561,470,237	5,821,115,091	21,772,605,447
Total	22,258,736,214	25,793,734,290	15,639,786,854	63,692,257,358
Percent of Total	34.9%	65.1%		100.0%

Projected Customer Bills for Period (6 Months)				
	Res			
FE	11,431,551			
Duke	3,988,396			
DPL	2,852,502			
AEP	7,919,012			
Total	26,191,461			

5 CP MW (Summer 2021)				
	Res	C&I		Total
FE	4,260.014	5,318.958		9,578.972
Duke	1,760.306	1,912.519		3,672.825
DPL	1,069.742	1,435.033		2,504.775
AEP	3,554.790	4,228.680		7,783.470
Total	10,644.852	12,895.190		23,540.042
Percent of Total	45.2%	54.8%		100.0%

Projected OVEC NET COSTS (6 Months)	
FE	N/A
Duke	5,366,248
DPL	1,080,940
AEP	17,346,454
Total	\$ 23,793,642

Diff between the Projected and Actual Net cost for Prior Period	
FE	N/A
Duke	\$ (14,804,420)
DPL	\$ (8,921,372)
AEP	\$ (30,162,650)
Total	\$ (53,888,442)

Total Net Costs/Credit to Allocate	
FE	N/A
Duke	\$ (9,438,172)
DPL	\$ (7,840,432)
AEP	\$ (12,816,196)
Total	\$ (30,094,800)

Outputs:

Residential Charge

\$ (0.46) per month charge

* Includes CAT

C&I Charge

\$ (0.000701) per kwh for first 833,000 kwhs per customer per month

* Includes CAT

Remittance Percentages

	Cost (plus CAT)	Collect from Rider	Due From FE	% to remit
Duke	\$ (9,462,775)	\$ (4,448,143)	\$ (5,014,632)	39.19%
DPL	\$ (7,860,870)	\$ (3,271,340)	\$ (4,589,530)	35.87%
AEP	\$ (12,849,605)	\$ (9,657,490)	\$ (3,192,115)	24.95%
Total	\$ (30,173,250)	\$ (17,376,973)	\$ (12,796,278)	100.00%

AES Ohio
Case No. 22-1071-EL-RDR
Part B

	EXPECTED (w CAT) - Part A			EXPECTED (CAT)			EXPECTED (w/o CAT)			ACTUAL (w/o CAT)			VARIANCE			Prior Under/(Over) Recovery			TOTAL Part B
	Res..	Non-Res.	Total	Res.	Non-Res.	Total	Res.	Non-Res.	Total	Res.	Non-Res.	Total	Res.	Non-Res.	Total	Res.	Non-Res.	Total	Total Balance
2020 Jan-Jun	1,399,104	2,132,984	3,532,088	3,638	5,546	9,183	1,395,466	2,127,439	3,522,905	1,282,559	1,980,560	3,263,119	112,907	146,878	259,785			0	259,785
2020 Jul-Dec	1,645,156	2,572,158	4,217,313	4,277	6,688	10,965	1,640,878	2,565,470	4,206,348	1,775,228	2,614,294	4,389,522	(134,350)	(48,824)	(183,174)	(3,975)	11,486	7,511	(175,663)
2021 Jan-Jun	3,340,569	4,835,298	8,175,867	8,685	12,572	21,257	3,331,884	4,822,726	8,154,610	3,452,941	4,908,161	8,361,102	(121,057)	(85,435)	(206,492)	(117,186)	11,486	(105,700)	(312,193)
2021 Jul-Dec	3,038,021	4,143,523	7,181,544	7,899	10,773	18,672	3,030,122	4,132,750	7,162,872	2,889,586	4,333,774	7,223,360	140,537	(201,024)	(60,487)	24,460	49,864	74,324	13,837
2022 Jan-Jun	1,569,968	2,203,448	3,773,416	4,082	5,729	9,811	1,565,887	2,197,719	3,763,605	1,337,400	2,173,521	3,510,921	228,487	24,197	252,684	252,103	125,684	377,787	630,471

Total Part B			
	Res.	Non-Res.	Total
2022 Jan. - Jun. Variance	\$228,487	\$24,197	\$252,684
Prior Under/(Over) Recovery	\$252,103	\$125,684	\$377,787
Total w/o CAT	\$480,589	\$149,882	\$630,471
CAT	1.0026	1.0026	
Total w/CAT	\$481,842	\$150,273	\$632,115
Billing Determinants	2,852,502	2,788,045,617	
Part B Rate	\$0.16892	\$0.000054	

**This foregoing document was electronically filed with the Public Utilities
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12/1/2022 9:24:24 AM

in

Case No(s). 22-1071-EL-RDR

Summary: Application Application of AES Ohio to Update Its Legacy Generation
Rider electronically filed by Mr. Christopher C. Hollon on behalf of The Dayton
Power and Light Company d/b/a AES Ohio