

**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 to
Implement its Infrastructure Investment Rider

Case No. 21-1110-EL-RDR

**APPLICATION OF THE DAYTON POWER AND LIGHT COMPANY
D/B/A AES OHIO TO IMPLEMENT ITS INFRASTRUCTURE
INVESTMENT RIDER**

1. The Dayton Power and Light Company d/b/a AES Ohio (“AES Ohio” or “the Company”) is a public utility and electric light company as defined by R.C. 4905.02 and 4905.03(A)(4) respectively, and an electric distribution utility as defined by R.C. 4928.01(A)(6) and is subject to the jurisdiction of the Public Utilities Commission of Ohio (“the Commission”).
2. As part of the Commissions’ Second Finding and Order in Case No. 08-1094-EL-SSO, AES Ohio was authorized to implement the Infrastructure Investment Rider (“IIR”) as a placeholder with the rider initially set at zero until such time as the Company files its independent business cases for its AMI and Smart Grid Plans for review and approval by the Commission costs through in a separate proceeding.
3. On December 21, 2018, in Case No. 18-1875-EL-GRD, AES Ohio filed an Application that contained an AMI and Smart Grid Plan, including robust businesses cases for both.
4. On October 23, 2020, AES Ohio and numerous parties entered into a comprehensive Stipulation and Recommendation (“Stipulation”), which included implementation of Phase 1 of AES Ohio’s Smart Grid Plan as filed in Case No. 18-1875-EL-GRD unless

otherwise modified by the Stipulation. On June 16, 2021, the Commission issued an Opinion and Order (“Order”) approving the Stipulation without modification.

5. The approved Stipulation permits recovery of return on and of qualifying investments and associated operation and maintenance expenses (“O&M”) IIR up to a total cap of \$267,600,000. Recovery is permitted to commence after the date of the Commission’s Order approving this Stipulation with the investments and expenses being subject to an annual audit by the PUCO.

6. This Application also includes an offset to the IIR in accordance with the approved Stipulation, which requires that the IIR shall be offset by the estimated operational benefits agreed upon by the parties and set forth in Exhibit 2 to the Stipulation.

7. Capital costs recovered under the IIR will be recovered pursuant to the depreciation rates authorized in Case No. 15-1830-EL-AIR with the exception of AMI meters, which will be recovered over a depreciable life of fifteen years.

8. The earnings-based portion of incentive compensation for the costs associated with the IIR are not recoverable and will be excluded from the rider.

9. As approved by the Commission in the Order, the cost allocation and rate design of the IIR is allocated and charged as a percentage of base distribution charges.

10. Pursuant to the Commission’s Order, AES Ohio proposes to implement the IIR as set forth in Exhibits 1-3 to this Application. Specifically, the Company proposes to implement the IIR rate on January 1, 2022, providing a 60-day review period for PUCO Staff. AES Ohio will file quarterly updates to the rider on or about the same day as the first of February, May, August, and November with rates effective 60 days after filing unless otherwise suspended by the Commission. Further, because the Commission’s Order approving the Stipulation permitted IIR recovery to commence upon approval, year 1 of the Smartgrid Phase 1 Plan will run from July 1,

2021 through June 30, 2022. To align the year 1 recovery period of January 1, 2022 through June 30, 2022 with the year 1 of the Smartgrid Phase 1 Plan, AES Ohio proposes to recover the year 1 R&D Asset and return O&M savings over a six-month period. After year 1, the ensuing implementation and recovery periods will be congruent. All other assets included for recovery in year 1 will be amortized according to the date certain for that filing.

11. In support of this application, the following are attached:

Exhibit 1 – Redlined Tariff Schedule

Exhibit 2 – Proposed Tariff Schedule

Exhibit 3 – IIR Calculations

Exhibit 4 – Typical Bill Comparison

CONCLUSION

AES Ohio respectfully requests that the Commission approve the proposed tariff sheets attached hereto to be made effective on a bills-rendered basis beginning January 1, 2022.

Respectfully submitted,

/s/ Christopher C. Hollon

Christopher C. Hollon (0086480)

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Counsel for AES Ohio

(willing to accept service by e-mail)

EXHIBIT

1

THE DAYTON POWER AND LIGHT COMPANY
No. D29 MacGregor Park
1065 Woodman Drive
No. D29
Dayton, Ohio 45432

~~Sixteenth~~~~Fifteenth~~ Revised Sheet
Cancels
~~Fifteenth~~~~Fourteenth~~ Revised Sheet
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
INFRASTRUCTURE INVESTMENT RIDER

DESCRIPTION:

The Infrastructure Investment Rider is intended to compensate the Company for incremental investment and operation and maintenance costs related to the Company's Smart Grid Plan Phase 1 approved by the Commission in Case No. 18-1875-EL-GRD.

APPLICABLE:

This Rider will be assessed as a percentage of base distribution charges on each monthly bill, effective on a bills-rendered basis for all Customers served under the Electric Distribution Tariff Sheets D17-D25.

CHARGES:

1.8100% of base distribution charges

TERMS AND CONDITIONS:

The Infrastructure Investment Rider shall be adjusted quarterly to recover amounts authorized by the Commission. This Rider is subject to reconciliation or adjustment, including but not limited to, increases or refunds, based upon the results of audits as approved and ordered by the Commission.

PLACEHOLDER TARIFF

Per the Finding and Order in PUCO Case No. 08-1094-EL-SSO, the Dayton Power and Light Company was authorized to file a placeholder Tariff for the Company's Infrastructure Investment Rider. This rider is initially set at zero until such time as the Company files its independent business cases for its AMI and Smart Grid Plans for review and approval by the Commission costs through in a separate proceeding.

Filed pursuant to the Finding and Order in Case No. 18-1875-EL-GRD~~08-1094-EL-SSO~~ dated June 16, 2021~~December 18, 2019~~ of the Public Utilities Commission of Ohio.

Issued December 19, 2019
~~2022~~~~December 19, 2019~~

Effective January 1,

Issued by
Kristina Lund~~VINCE PARISI~~, President and Chief Executive Officer

EXHIBIT

2

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Sixteenth Revised Sheet No. D29
Cancels
Fifteenth Revised Sheet No. D29
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
INFRASTRUCTURE INVESTMENT RIDER

DESCRIPTION:

The Infrastructure Investment Rider is intended to compensate the Company for incremental investment and operation and maintenance costs related to the Company's Smart Grid Plan Phase 1 approved by the Commission in Case No. 18-1875-EL-GRD.

APPLICABLE:

This Rider will be assessed as a percentage of base distribution charges on each monthly bill, effective on a bills-rendered basis for all Customers served under the Electric Distribution Tariff Sheets D17-D25.

CHARGES:

1.8100% of base distribution charges

TERMS AND CONDITIONS:

The Infrastructure Investment Rider shall be adjusted quarterly to recover amounts authorized by the Commission. This Rider is subject to reconciliation or adjustment, including but not limited to, increases or refunds, based upon the results of audits as approved and ordered by the Commission.

Filed pursuant to the Finding and Order in Case No. 18-1875-EL-GRD dated June 16, 2021 of the Public Utilities Commission of Ohio.

Issued _____

Issued by
Kristina Lund, President and Chief Executive Officer

Effective January 1, 2022

EXHIBIT

3

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Revenue Requirement

Schedule A-1
Page 1 of 1

Line No.	Description	As of 8/31/21	Source
(A)	(B)	(C)	(D)
	<u>Rate Base</u>		
1	Gross Plant	\$ -	Schedule B-1, Pg 1 Line 11
2	Accumulated Depreciation on Distribution Plant	\$ -	Schedule B-1, Pg 1 Line 11
3	Net Distribution Plant In Service	\$ -	Line 1 - Line 2
4			
5	<u>Adjustments to Rate Base</u>		
6	Accumulated Deferred Income Taxes on Distribution Plant	\$ -	Schedule B-2, Line 4
7	NBV of the Cost of Existing Assets	\$ -	Schedule B-1, Pg 2 Line 5
8	Total Adjustments to Rate Base	\$ -	Sum Lines 6-7
9			
10	Distribution Rate Base for IIR	\$ -	Line 3 + Line 8
11			
12	Return on Rate Base (%)	8.58%	Schedule D-1, Line 10
13	Return on Rate Base (\$)	\$ -	Line 10 * Line 12
14			
15	<u>O&M, Depreciation, Taxes Other than Income</u>		
16	O&M Expense	\$ -	Schedule C-1, Line 13
17	O&M Savings	\$ (50,941)	Case No. 18-1875-EL-GRD
18	Cost of Existing Assets (Less Salvage)	\$ -	Schedule B-1, Pg 2 Line 5
19	Depreciation Expense	\$ -	Schedule C-2, Line 11
20	Property Tax Expense	\$ -	Schedule C-3, Line 11
21			
22	Total O&M, Depreciation, Other Taxes and O&M Before CAT	\$ (50,941)	Sum Lines 16 - 20
23	Incremental Commercial Activities Tax	1.0026	Company Records
24			
25	O&M, Depreciation, Taxes Other than Income and O&M (Post Tax)	\$ (51,074)	Line 22 * Line 23
26			
27	Grid Modernization R&D Asset	\$ 1,250,000	Case No. 18-1875-EL-GRD
28			
29	Reconciliation Balance	\$0	WPA-1, Line 4
30			
31	<u>Revenue Requirement</u>	\$ 1,198,926	(Line 13 / 4) + Lines 25, 27, 29
32			
33	<u>Rate Calculation</u>		
34	Base Distribution Revenue	\$ 66,225,664	Company Records
35			
36	IIR Percentage of Base Distribution Revenue	1.8100%	

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Plant In Service

Schedule B-1				
Page 1 of 2				
Line No.	Acct. No.	Description	IIR Plant Investment	IIR Accumulated Reserve
(A)	(B)	(C)	(D)	(E)
1	3620	Station Equip	\$ -	\$ -
2	3640	Poles, Towers & Fixt	\$ -	\$ -
3	3650	Ovhd Conductor & Dev	\$ -	\$ -
4	3660	Underground Conduit	\$ -	\$ -
5	3670	Underground Conductor	\$ -	\$ -
6	3680	Line Transformers	\$ -	\$ -
7	3691	Ovhd Electric Service	\$ -	\$ -
8	3692	Underground Electric	\$ -	\$ -
9	370.01	AMI Meters	\$ -	\$ -
10				
11		Total IIR Plant	\$ -	\$ -

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Net Book Value of Retired Traditional Meters & Capacitors

Schedule B-1				
Page 2 of 2				
Line No.	Acct. No.	Description	Cost of Existing Assets Gross Plant	Cost of Existing Assets Reserve
(A)	(B)	(C)	(D)	(E)
1	368	Line Transformers	\$ -	\$ -
2	370	Traditional Meters	\$ -	\$ -
3		Total	\$ -	\$ -
4				
5		Total NBV of Retired Meters & Capacitors Ln 3, Col (D) - Col (E)	\$ -	\$ -

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Deferred Income Taxes

Schedule B-2
Page 1 of 1

Line No.	Description (B)	Deferred Income Taxes		Source (D)
		(C)		
1	IIR Distribution Equipment	\$	-	Company Records - SAP PowerTax
2	AMI Meters	\$	-	Company Records - SAP PowerTax
3				
4	Total IIR Deferred Income Taxes	\$	-	Line 1 + Line 2

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Operation and Maintenance Expense

			Schedule C-1
			Page 1 of 1
Line No.	Description	O&M Expense	
(A)	(B)	(C)	
1	Advanced Metering Infrastructure	\$ -	
2	Distribution Automation	\$ -	
3	Advanced Distribution Management System	\$ -	
4	Conservation Voltage Reduction	\$ -	
5	Enterprise Asset Management	\$ -	
6	Mobile Workforce Management System	\$ -	
7	Customer Education	\$ -	
8	Electric Vehicle Charging Rebates	\$ -	
9	Telecommunications	\$ -	
10	Physical and Cyber Security	\$ -	
11	Systems Integration	\$ -	
12			
13	Total IIR O&M	\$ -	

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Depreciation Expense

Schedule C-2
Page 1 of 1

Line No.	Acct. No.	Description	Depreciation Rate %	IIR Plant Investment	IIR Depreciation Expense
(A)	(B)	(C)	(D)	(E)	(F)
1	3620	Station Equip	2.00%	\$ -	\$ -
2	3640	Poles, Towers & Fixt	3.20%	\$ -	\$ -
3	3650	Ovhd Conductor & Dev	2.60%	\$ -	\$ -
4	3660	Underground Conduit	1.47%	\$ -	\$ -
5	3670	Underground Conductor	2.30%	\$ -	\$ -
6	3680	Line Transformers	3.04%	\$ -	\$ -
7	3691	Ovhd Electric Service	3.89%	\$ -	\$ -
8	3692	Underground Electric	3.33%	\$ -	\$ -
9	370.01	AMI Meters	6.67%	\$ -	\$ -
10					
11		Total IIR Depreciation Expense			\$ -

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Taxes Other than Income

Schedule C-3
Page 1 of 1

Line No.	Vintage Year	Beginning Balance	Activity	Ending Balance (Taxable Cost)	Percent Good	True Value of Taxable Property
(A)	(B)	(C)	(D)	(E)	(F)	(G)
1	2021	\$ -	\$ -	\$ -	98.00%	\$ -
2						
3					Assessment Percentage	85.00%
4						
5					Assessed Value	\$ -
6						
7					Average Tax Rate	9.202%
8						
9					Annual Property Tax	\$ -
10						
11						
Total IIR Property Tax as of August 31, 2021						\$ -

AES Ohio
Case No. 21-1110-EL-RDR
Infrastructure Investment Rider
Rate of Return Calculation

Schedule D-1
Page 1 of 1

Line No.	Description (B)	Total (C)	Cost (D)	Weighted Cost (E)	Source (F)
1	Common Equity	47.52%	9.99%	4.75%	Stipulation Case No. 15-1830-EL-AIR
2					
3	Long-Term Debt	52.48%	4.80%	2.52%	Stipulation Case No. 15-1830-EL-AIR
4				7.27%	Sum lines 1-3
5					
6	Effective Tax Rate			21.31%	Stipulation Case No. 15-1830-EL-AIR
7	Commercial Activities Tax (CAT)			0.26%	Company Records
8					
9	Rate of Return (Pre Tax)			8.56%	[(Line 1) / (1 - Line 6)] + Line 3
10	Rate of Return (Pre Tax with CAT)			8.58%	Line 9 * (1 / 1 - Line 7)

WPA-1
Page 1 of 1

WPA-1
Page 1 of 1

EXHIBIT

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AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Residential

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		Total Proposed Bill (E)	IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)				
1	0.0	50	\$12.17		\$12.32	\$0.15	1.23%
2	0.0	100	\$16.60		\$16.77	\$0.17	1.02%
3	0.0	200	\$25.47		\$25.68	\$0.21	0.82%
4	0.0	400	\$43.25		\$43.55	\$0.30	0.69%
5	0.0	500	\$52.13		\$52.47	\$0.34	0.65%
6	0.0	750	\$74.34		\$74.78	\$0.44	0.59%
7	0.0	1,000	\$96.23		\$96.78	\$0.55	0.57%
8	0.0	1,200	\$113.77		\$114.40	\$0.63	0.55%
9	0.0	1,400	\$131.29		\$132.01	\$0.72	0.55%
10	0.0	1,500	\$140.06		\$140.82	\$0.76	0.54%
11	0.0	2,000	\$183.86		\$184.83	\$0.97	0.53%
12	0.0	2,500	\$227.46		\$228.64	\$1.18	0.52%
13	0.0	3,000	\$271.03		\$272.42	\$1.39	0.51%
14	0.0	4,000	\$358.21		\$360.02	\$1.81	0.51%
15	0.0	5,000	\$445.40		\$447.64	\$2.24	0.50%
16	0.0	7,500	\$663.33		\$666.62	\$3.29	0.50%

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Secondary Unmetered

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		Total Proposed Bill (E)	IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)				
1	0.0	50	\$16.64		\$17.23	\$0.59	3.55%
2	0.0	100	\$19.77		\$20.36	\$0.59	2.98%
3	0.0	150	\$22.87		\$23.46	\$0.59	2.58%
4	0.0	200	\$25.96		\$26.55	\$0.59	2.27%
5	0.0	300	\$32.19		\$32.78	\$0.59	1.83%
6	0.0	400	\$38.40		\$38.99	\$0.59	1.54%
7	0.0	500	\$44.62		\$45.21	\$0.59	1.32%
8	0.0	600	\$50.81		\$51.40	\$0.59	1.16%
9	0.0	800	\$63.24		\$63.83	\$0.59	0.93%
10	0.0	1,000	\$75.66		\$76.25	\$0.59	0.78%
11	0.0	1,200	\$88.09		\$88.68	\$0.59	0.67%
12	0.0	1,400	\$100.50		\$101.09	\$0.59	0.59%
13	0.0	1,600	\$112.55		\$113.14	\$0.59	0.52%
14	0.0	2,000	\$135.88		\$136.47	\$0.59	0.43%
15	0.0	2,200	\$147.43		\$148.02	\$0.59	0.40%
16	0.0	2,400	\$159.00		\$159.59	\$0.59	0.37%

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Secondary Single Phase

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)	Proposed Bill (E)		
1	5	750	\$89.28	\$89.91	\$0.63	0.71%
2	5	1,500	\$140.98	\$141.61	\$0.63	0.45%
3	10	1,500	\$162.54	\$163.50	\$0.96	0.59%
4	25	5,000	\$487.06	\$489.02	\$1.96	0.40%
5	25	7,500	\$631.63	\$633.59	\$1.96	0.31%
6	25	10,000	\$776.21	\$778.17	\$1.96	0.25%
7	50	15,000	\$1,244.65	\$1,248.26	\$3.61	0.29%
8	50	25,000	\$1,817.36	\$1,820.97	\$3.61	0.20%
9	200	50,000	\$4,324.84	\$4,338.38	\$13.54	0.31%
10	200	100,000	\$7,188.46	\$7,202.00	\$13.54	0.19%
11	300	125,000	\$9,337.36	\$9,357.52	\$20.16	0.22%
12	500	200,000	\$15,033.25	\$15,066.65	\$33.40	0.22%
13	1,000	300,000	\$24,300.99	\$24,367.48	\$66.49	0.27%
14	1,000	500,000	\$35,665.53	\$35,732.02	\$66.49	0.19%
15	2,500	750,000	\$60,627.59	\$60,793.37	\$165.78	0.27%
16	2,500	1,000,000	\$74,588.09	\$74,753.87	\$165.78	0.22%

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Secondary Three Phase

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)	Proposed Bill (E)		
1	5	500	\$73.52	\$74.32	\$0.80	1.09%
2	5	1,500	\$149.64	\$150.44	\$0.80	0.53%
3	10	1,500	\$171.20	\$172.33	\$1.13	0.66%
4	25	5,000	\$495.71	\$497.83	\$2.12	0.43%
5	25	7,500	\$640.28	\$642.40	\$2.12	0.33%
6	25	10,000	\$784.86	\$786.98	\$2.12	0.27%
7	50	25,000	\$1,826.02	\$1,829.80	\$3.78	0.21%
8	200	50,000	\$4,333.49	\$4,347.19	\$13.70	0.32%
9	200	125,000	\$8,628.92	\$8,642.62	\$13.70	0.16%
10	500	200,000	\$15,041.91	\$15,075.47	\$33.56	0.22%
11	1,000	300,000	\$24,309.65	\$24,376.31	\$66.66	0.27%
12	1,000	500,000	\$35,674.19	\$35,740.85	\$66.66	0.19%
13	2,500	750,000	\$60,636.25	\$60,802.20	\$165.95	0.27%
14	2,500	1,000,000	\$74,596.75	\$74,762.70	\$165.95	0.22%
15	5,000	1,500,000	\$120,201.40	\$120,532.82	\$331.42	0.28%
16	5,000	2,000,000	\$147,878.75	\$148,210.17	\$331.42	0.22%

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Primary Service

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		Total Proposed Bill (E)	IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)				
1	5	1,000	\$316.01		\$320.61	\$4.60	1.46%
2	5	2,500	\$400.44		\$405.04	\$4.60	1.15%
3	10	5,000	\$568.16		\$572.97	\$4.81	0.85%
4	25	7,500	\$791.55		\$797.00	\$5.45	0.69%
5	25	10,000	\$931.48		\$936.93	\$5.45	0.59%
6	50	20,000	\$1,627.48		\$1,634.01	\$6.53	0.40%
7	50	30,000	\$2,181.63		\$2,188.16	\$6.53	0.30%
8	200	50,000	\$4,124.24		\$4,137.21	\$12.97	0.31%
9	200	75,000	\$5,509.61		\$5,522.58	\$12.97	0.24%
10	200	100,000	\$6,894.97		\$6,907.94	\$12.97	0.19%
11	500	250,000	\$16,875.77		\$16,901.61	\$25.84	0.15%
12	1,000	500,000	\$33,510.33		\$33,557.62	\$47.29	0.14%
13	2,500	1,000,000	\$69,315.35		\$69,427.01	\$111.66	0.16%
14	5,000	2,500,000	\$164,140.20		\$164,359.14	\$218.94	0.13%
15	10,000	5,000,000	\$326,816.47		\$327,249.96	\$433.49	0.13%
16	25,000	7,500,000	\$545,110.85		\$546,188.01	\$1,077.16	0.20%
17	25,000	10,000,000	\$679,978.10		\$681,055.26	\$1,077.16	0.16%
18	50,000	15,000,000	\$1,088,757.70		\$1,090,907.63	\$2,149.93	0.20%

For the purpose of typical bill comparison, a 90% Power Factor is assumed.

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Primary Substation

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)	Proposed Bill (E)		
1	3,000	1,000,000	\$67,102.84	\$67,150.01	\$47.17	0.07%
2	5,000	2,000,000	\$128,500.12	\$128,573.15	\$73.03	0.06%
3	5,000	3,000,000	\$181,838.02	\$181,911.05	\$73.03	0.04%
4	10,000	4,000,000	\$255,324.42	\$255,462.08	\$137.66	0.05%
5	10,000	5,000,000	\$308,662.32	\$308,799.98	\$137.66	0.04%
6	15,000	6,000,000	\$382,148.74	\$382,351.04	\$202.30	0.05%
7	15,000	7,000,000	\$435,486.64	\$435,688.94	\$202.30	0.05%
8	15,000	8,000,000	\$488,824.54	\$489,026.84	\$202.30	0.04%
9	25,000	9,000,000	\$582,459.47	\$582,791.04	\$331.57	0.06%
10	25,000	10,000,000	\$635,797.37	\$636,128.94	\$331.57	0.05%
11	30,000	12,500,000	\$789,290.62	\$789,686.83	\$396.21	0.05%
12	30,000	15,000,000	\$922,635.37	\$923,031.58	\$396.21	0.04%
13	50,000	17,500,000	\$1,136,574.14	\$1,137,228.89	\$654.75	0.06%
14	50,000	20,000,000	\$1,269,918.89	\$1,270,573.64	\$654.75	0.05%
15	50,000	25,000,000	\$1,536,608.39	\$1,537,263.14	\$654.75	0.04%

For the purpose of typical bill comparison, a 90% Power Factor is assumed.

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
High Voltage Service

Line No.	Level of (kW) (B)	Level of (kWh) (C)	Total		IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)	Proposed Bill (E)		
1	1,000	500,000	\$31,937.38	\$31,957.73	\$20.35	0.06%
2	2,000	1,000,000	\$62,544.22	\$62,564.57	\$20.35	0.03%
3	3,000	1,500,000	\$92,662.21	\$92,682.56	\$20.35	0.02%
4	3,500	2,000,000	\$121,047.32	\$121,067.67	\$20.35	0.02%
5	5,000	2,500,000	\$152,898.20	\$152,918.55	\$20.35	0.01%
6	7,500	3,000,000	\$188,214.90	\$188,235.25	\$20.35	0.01%
7	7,500	4,000,000	\$241,519.30	\$241,539.65	\$20.35	0.01%
8	10,000	5,000,000	\$303,488.18	\$303,508.53	\$20.35	0.01%
9	10,000	6,000,000	\$356,792.58	\$356,812.93	\$20.35	0.01%
10	12,500	7,000,000	\$418,761.47	\$418,781.82	\$20.35	0.00%
11	12,500	8,000,000	\$472,065.87	\$472,086.22	\$20.35	0.00%
12	15,000	9,000,000	\$534,034.75	\$534,055.10	\$20.35	0.00%
13	20,000	10,000,000	\$604,668.13	\$604,688.48	\$20.35	0.00%
14	40,000	20,000,000	\$1,207,028.03	\$1,207,048.38	\$20.35	0.00%
15	60,000	30,000,000	\$1,809,387.92	\$1,809,408.27	\$20.35	0.00%

For the purpose of typical bill comparison, a 90% Power Factor is assumed.

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Private Outdoor Lighting

Line No.	Fixture (B)	Level of (kWh) (C)	Total		Total Proposed Bill (E)	IIR (F = E - D)	Total Percent Change (G = F / D)
			Current Bill (D)				
1	7000 -						
2	Mercury	75	\$14.11		\$14.29	\$0.18	1.28%
3	21000 -						
4	Mercury	154	\$18.70		\$18.88	\$0.18	0.96%
5	2500 -						
6	Incandescent	64	\$13.56		\$13.74	\$0.18	1.33%
7	7000 -						
8	Fluorescent	66	\$13.78		\$13.96	\$0.18	1.31%
9	4000 -						
10	Mercury	43	\$12.72		\$12.90	\$0.18	1.42%
11	9500 - High						
12	Pressure Sodium	39	\$12.02		\$12.20	\$0.18	1.50%
13	28000 - High						
14	Pressure Sodium	96	\$15.32		\$15.50	\$0.18	1.17%
15	3600 - Light						
16	Emitting Diode	14	\$10.56		\$10.74	\$0.18	1.70%
17	8400 - Light						
18	Emitting Diode	30	\$11.48		\$11.66	\$0.18	1.57%

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

AES Ohio
Case No. 21-1110-EL-RDR
Typical Bill Comparison
Street Lighting

Line No. (A)	Level of (kW) (B)	Level of (kWh) (C)	Total		Total Proposed Bill (E)	IIR (F = E - D)	Total Percent Change (G = F / D)	
			Current Bill (D)					
1	0.0	50	\$11.86		\$12.03	\$0.17	1.43%	
2	0.0	100	\$15.51		\$15.69	\$0.18	1.16%	
3	0.0	200	\$22.76		\$22.97	\$0.21	0.92%	
4	0.0	400	\$37.31		\$37.58	\$0.27	0.72%	
5	0.0	500	\$44.58		\$44.87	\$0.29	0.65%	
6	0.0	750	\$62.76		\$63.12	\$0.36	0.57%	
7	0.0	1,000	\$80.93		\$81.36	\$0.43	0.53%	
8	0.0	1,200	\$95.46		\$95.95	\$0.49	0.51%	
9	0.0	1,400	\$110.00		\$110.54	\$0.54	0.49%	
10	0.0	1,600	\$124.53		\$125.13	\$0.60	0.48%	
11	0.0	2,000	\$153.61		\$154.32	\$0.71	0.46%	
12	0.0	2,500	\$189.72		\$190.57	\$0.85	0.45%	
13	0.0	3,000	\$225.84		\$226.82	\$0.98	0.43%	
14	0.0	4,000	\$298.06		\$299.32	\$1.26	0.42%	
15	0.0	5,000	\$370.31		\$371.84	\$1.53	0.41%	

Schedule E
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Case No(s). 21-1110-EL-RDR

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