



4. AES Ohio currently has in place one Commission approved reasonable arrangements pursuant to O.R.C. §4905.31(E) as approved by the Commission in the October 23, 2019 Finding and Order in Case No. 19-1810-EL-AEC (Fuyao Glass America, Inc.).

5. Consistent with the provisions of §4901:1-38-08(A)(8) of the Ohio Administrative Code (“O.A.C”), AES Ohio files this semiannual Application to update and reconcile the EDR. Since implementing the EDR, AES Ohio has implemented the semi-annual reconciliation EDR rate for rates to become effective on May 1 and November 1. AES Ohio requests that the Commission adjust the implementation schedule by one month for rates to be effective June 1 and December 1, which will improve administrative efficiencies and reduce customer bill confusion by implementing this rate along with other true-up riders in June. If approved, AES Ohio will charge the EDR rate approved in the October 21, 2020, Finding and Order in Case No. 20-1471-EL-RDR through May 31, 2021.

6. In support of this Application to update the rider, the following are attached:

- Schedule A-1 Redlined Tariff Schedule;
- Schedule A-2 Proposed Tariff Schedule;
- Schedule B-1 Summary of Proposed Rates;
- Schedule C-1 EDR Cost by Tariff Class;
- Schedule D-1 EDR Costs Summary;
- Schedule D-2 Summary of Actual Costs;
- Schedule D-3 Projected Monthly Costs Calculation;
- Schedule E-1 Typical Bill Comparison; and

Workpapers

WPC-1, WPC-2, WPD-1, WPE-1

7. As set forth in Schedule E-1, the bill impacts of the EDR rate for the typical residential customer using 1000 kWh per month is projected to result in that customer experiencing a decrease of \$0.14 per month for the May 2021 through October 2021 time period.

8. AES Ohio's proposed rates included in the updated EDR, as reflected in Schedule B-1 and as supported by the remaining Schedules and Workpapers, are just and reasonable and should be approved.

WHEREFORE, AES Ohio respectfully requests that the Commission approve its Application with updated tariff rates for its EDR to be made effective on a bills-rendered basis with the Company's first billing unit beginning in June 2021.

Respectfully submitted,

/s/ Michael J. Schuler

Michael J. Schuler (0082390)

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Attorney for AES Ohio

(willing to accept electronic service)

**THE DAYTON POWER AND LIGHT COMPANY  
CASE NO. 21-0184-EL-RDR**

**Economic Development Rider (EDR)**

**Schedule A-1  
Redlined Tariff**

THE DAYTON POWER AND LIGHT COMPANY  
D39  
MacGregor Park  
1065 Woodman Drive  
D39  
Dayton, Ohio 45432

Twenty-~~Fourth~~Fifth Revised Sheet No.  
Cancels  
Twenty-~~Third~~Fourth Revised Sheet No.  
Page 1 of 1

P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
ECONOMIC DEVELOPMENT RIDER

Ohio Law allows for the recovery of costs incurred as a result of economic development and job retention programs including foregone revenues. The rates and charges listed below are designed to recover the cost incurred in DP&L's service territory. The cost associated with these programs may change over time based on customer participation. The Economic Development Rider shall be assessed on kilowatt-hours (kWh) of electricity per tariff class distributed under this Schedule at the rates stated below, effective on a bills-rendered basis in the Company's first billing unit for the month of ~~November~~June 20210.

Residential	\$0. <del>0002427-0001012</del>	/kWh
Residential Heating	\$0. <del>0002427-0001012</del>	/kWh
Secondary	\$0. <del>0001095-0000337</del>	/kWh
Primary	\$0. <del>0000449-0000157</del>	/kWh
Primary-Substation	\$0. <del>0000120-0000039</del>	/kWh
High Voltage	\$0. <del>0000013-0000004</del>	/kWh
Private Outdoor Lighting		
3600 Lumens LED	\$0. <del>0106610-0027160</del>	/lamp/month
8400 Lumens LED	\$0. <del>0228450-0058200</del>	/lamp/month
9,500 Lumens High Pressure Sodium	\$0. <del>0296985-0075660</del>	/lamp/month
28,000 Lumens High Pressure Sodium	\$0. <del>0731040-0186240</del>	/lamp/month
7,000 Lumens Mercury	\$0. <del>0571125-0145500</del>	/lamp/month
21,000 Lumens Mercury	\$0. <del>1172710-0298760</del>	/lamp/month
2,500 Lumens Incandescent	\$0. <del>0487360-0124160</del>	/lamp/month
7,000 Lumens Fluorescent	\$0. <del>0502590-0128040</del>	/lamp/month
4,000 Lumens PT Mercury	\$0. <del>0327445-0083420</del>	/lamp/month
Street Lighting	\$0. <del>00010240000459</del>	/kWh

The Economic Development Rider shall be assessed until the Company's costs are fully recovered and may be revised twice a year subject to PUCO approval. 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. ~~2021-14710184~~-EL-RDR dated ~~October 21, 2020~~ \_\_\_\_\_ of the  
Public Utilities Commission of Ohio.

Issued ~~November 1, 2020~~

Effective ~~November 1, 2020~~

Issued by

~~KRISTINA LUNDJUDIL-SOBECKI~~, Vice President, General Counsel and Secretary

**THE DAYTON POWER AND LIGHT COMPANY  
CASE NO. 21-0184-EL-RDR**

**Economic Development Rider (EDR)**

# **Schedule A-2 Proposed Tariff**

P.U.C.O. No. 17  
ELECTRIC DISTRIBUTION SERVICE  
ECONOMIC DEVELOPMENT RIDER

Ohio Law allows for the recovery of costs incurred as a result of economic development and job retention programs including foregone revenues. The rates and charges listed below are designed to recover the cost incurred in DP&L's service territory. The cost associated with these programs may change over time based on customer participation. The Economic Development Rider shall be assessed on kilowatt-hours (kWh) of electricity per tariff class distributed under this Schedule at the rates stated below, effective on a bills-rendered basis in the Company's first billing unit for the month of June 2021.

Residential	\$0.0001012	/kWh
Residential Heating	\$0.0001012	/kWh
Secondary	\$0.0000337	/kWh
Primary	\$0.0000157	/kWh
Primary-Substation	\$0.0000039	/kWh
High Voltage	\$0.0000004	/kWh
Private Outdoor Lighting		
3600 Lumens LED	\$0.0027160	/lamp/month
8400 Lumens LED	\$0.0058200	/lamp/month
9,500 Lumens High Pressure Sodium	\$0.0075660	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0186240	/lamp/month
7,000 Lumens Mercury	\$0.0145500	/lamp/month
21,000 Lumens Mercury	\$0.0298760	/lamp/month
2,500 Lumens Incandescent	\$0.0124160	/lamp/month
7,000 Lumens Fluorescent	\$0.0128040	/lamp/month
4,000 Lumens PT Mercury	\$0.0083420	/lamp/month
Street Lighting	\$0.0000459	/kWh

The Economic Development Rider shall be assessed until the Company's costs are fully recovered and may be revised twice a year subject to PUCO approval. 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.

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Filed pursuant to the Finding and Order in Case No. 21-0184-EL-RDR dated \_\_\_\_\_ of the  
Public Utilities Commission of Ohio.

Issued

Issued by  
KRISTINA LUND, Vice President, General Counsel and Secretary

Effective

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Summary of Proposed Rates**

Data: Actual & Forecasted  
 Type of Filing: Original  
 Work Paper Reference No(s): WPC-2

<u>Line</u>	<u>Description</u>	<u>Residential</u>	<u>Secondary</u>	<u>Primary</u>	<u>Primary Substation</u>	<u>High Voltage</u>	<u>Street Lighting</u>	<u>Private Outdoor Lighting</u>	<u>Total</u>	<u>Source</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1	EDR Costs	\$ 255,263	\$ 78,498	\$ 22,349	\$ 1,654	\$ 227	\$ 886	\$ 2,274	\$ 361,153	Schedule C-1, Col (D)
2										
3	Projected Billing Determinants (kWh)	2,521,237,586	2,083,645,433	1,420,698,202	421,691,648	513,850,655	19,298,374	11,723,791	6,992,145,689	Workpaper C-2, Col (I)
4										
5	Proposed EDR Rate \$/kWh	\$ 0.0001012	\$ 0.0000377	\$ 0.0000157	\$ 0.0000039	\$ 0.0000004	\$ 0.0000459	\$ 0.0001940		Line 1 / Line 3



**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**EDR Costs by Tariff Class**

Data: Actual & Forecasted

Type of Filing: Original

Schedule C-1

Work Paper Reference No(s): WPC-1

Page 1 of 1

<u>Line</u> (A)	<u>Description</u> (B)	<u>Tariff Allocator</u> (C) Workpaper C-1 Col (D)	<u>Total</u> (D)	<u>Source</u> (E)
1	Total EDR Costs Including Carrying Costs		\$ 361,153	Schedule D-1, Col (F), Line 10
2				
3	Residential	70.68%	\$ 255,263	Line 1, Col (D) * Line 3, Col (C)
4	Secondary	21.74%	\$ 78,498	Line 1, Col (D) * Line 4, Col (C)
5	Primary	6.19%	\$ 22,349	Line 1, Col (D) * Line 5, Col (C)
6	Primary Substation	0.46%	\$ 1,654	Line 1, Col (D) * Line 6, Col (C)
7	High Voltage	0.06%	\$ 227	Line 1, Col (D) * Line 7, Col (C)
8	Street Lighting	0.25%	\$ 886	Line 1, Col (D) * Line 8, Col (C)
9	Private Outdoor Lighting	<u>0.63%</u>	<u>\$ 2,274</u>	Line 1, Col (D) * Line 9, Col (C)
10	Total EDR Costs	100.00%	\$ 361,153	Sum Lines 3 through 9

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**EDR Costs Summary**

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference No(s): WPD-1

Schedule D-1

Page 1 of 1

<u>Line</u>	<u>Description</u>	<u>Actual</u>		<u>Forecast</u>		<u>Total</u>
		<u>Total through February 2021</u>	<u>March 2021 - April 2021</u>	<u>May 2021 - October 2021</u>		
(A)	(B)	(C)	(D)	(E)	(F)	(F)
		Schedule D-2, Col (I)	Workpaper D-1, Col (F) & Col (H)	Schedule D-3, Col (I)		Col (C) + Col (D) + Col (E)
1	Delta Revenues:					
2	Unique Arrangement			\$ 414,487	\$ 414,487	\$ 414,487
3	Economic Development Incentives			\$ -	\$ -	\$ -
4	Total EDR Costs			\$ 414,487	\$ 414,487	\$ 414,487
5	Revenue			\$ -	\$ -	\$ -
6	(Over) / Under Recovery		(\$178,814)	\$ 414,487	\$ 235,673	\$ 235,673
7	Carrying Costs		\$ 252	\$ (432)	\$ (180)	\$ (180)
8	Total (Over) / Under Recovery	\$ 124,721	(\$178,563)	\$ 414,055	\$ 360,214	\$ 360,214
9	Commercial Activity Tax	\$ 1.0026	\$ 1.0026	\$ 1.0026		
10	Total EDR Costs Including Carrying Costs	\$ 125,047	\$ (179,028)	\$ 415,134	\$ 361,153	\$ 361,153

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Summary of Actual Costs**  
**September 2020 - February 2021**

Data: Actual  
Type of Filing: Original  
Work Paper Reference No(s): WPD-1

Schedule D-2  
Page 1 of 1

<u>Line</u> (A)	<u>Description</u> (B)	<u>Sep-20</u> (C)	<u>Oct-20</u> (D)	<u>Nov-20</u> (E)	<u>Dec-20</u> (F)	<u>Jan-21</u> (G)	<u>Feb-21</u> (H)	<u>Total</u> (I)	<u>Source</u> (J)
1	Delta Revenues:								
2	Unique Arrangement	\$ 270,575	\$ 254,365	\$ 244,023	\$ 225,870	\$ 227,828	\$ 58,337	\$ 1,281,000	Accounting Records
3	Economic Development Incentives	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Accounting Records
4	Total EDR Expenses	\$ 270,575	\$ 254,365	\$ 244,023	\$ 225,870	\$ 227,828	\$ 58,337	\$ 1,281,000	Line 2 + Line 3
5									
6	Revenues	\$ (339,987)	\$ (258,822)	\$ (119,520)	\$ (156,653)	\$ (191,840)	\$ (176,261)	\$ (1,243,083)	Workpaper D-1, Col (E)
7									
8	(Over) / Under Recovery	\$ (69,412)	\$ (4,456)	\$ 124,503	\$ 69,217	\$ 35,989	\$ (117,924)	\$ 37,917	Line 4 + Line 6
9									
10	Carrying Costs	\$ 197	\$ 50	\$ 290	\$ 679	\$ 892	\$ 732	\$ 2,840	Workpaper D-1, Col (H)
11									
12	(Over) / Under Recovery with Carrying Costs	\$ (69,215)	\$ (4,406)	\$ 124,793	\$ 69,896	\$ 36,881	\$ (117,192)	\$ 40,757	Line 8 + Line 10
13									
14	Prior Period Balance through February 2020							\$ 83,964	Workpaper D-1, Col (I)
15									
16	Commercial Activity Tax							<u>1,0026</u>	Statutory Rate
17									
18	Total (Over) / Under Recovery with Carrying Costs							\$ 125,047	(Line 12 + Line 14) * Line 16

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Projected Monthly Cost Calculation**  
**May 2021 - October 2021**

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s): WPD-1

Schedule D-3

Page 1 of 1

<u>Line</u>	<u>Description</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Total</u>	<u>Source</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Delta Revenues:								
2	Unique Arrangement	\$ 75,457	\$ 75,720	\$ 60,167	\$ 68,146	\$ 66,914	\$ 68,083	\$ 414,487	Corporate Forecast
3	Economic Development Incentives	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Corporate Forecast
4	Total EDR Expenses	\$ 75,457	\$ 75,720	\$ 60,167	\$ 68,146	\$ 66,914	\$ 68,083	\$ 414,487	Line 2 + Line 3
5									
6	Projected Carrying Cost of (Over) / Under Recovery	(\$161)	\$ (66)	\$ (43)	\$ (66)	\$ (66)	\$ (30)	(\$432)	Workpaper D-1, Col (H)
7									
8	Projected (Over) / Under Recovery with Carrying Costs	\$ 75,296	\$ 75,654	\$ 60,125	\$ 68,080	\$ 66,847	\$ 68,053	\$ 414,055	Line 4 + Line 6
9									
10	Commercial Activity Tax							1.0026	Statutory Rate
11									
12	Total Projected EDR Expenses							\$ 415,134	Line 8 * Line 10

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Residential**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 1 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	\$12.08	\$12.07	(\$0.01)	-0.08%
2	0.0	100	\$16.23	\$16.22	(\$0.01)	-0.06%
3	0.0	200	\$24.57	\$24.54	(\$0.03)	-0.12%
4	0.0	400	\$41.23	\$41.17	(\$0.06)	-0.15%
5	0.0	500	\$49.55	\$49.48	(\$0.07)	-0.14%
6	0.0	750	\$70.37	\$70.26	(\$0.11)	-0.16%
7	0.0	1,000	\$90.88	\$90.74	(\$0.14)	-0.15%
8	0.0	1,200	\$107.32	\$107.15	(\$0.17)	-0.16%
9	0.0	1,400	\$123.72	\$123.52	(\$0.20)	-0.16%
10	0.0	1,500	\$131.93	\$131.72	(\$0.21)	-0.16%
11	0.0	2,000	\$172.96	\$172.68	(\$0.28)	-0.16%
12	0.0	2,500	\$213.79	\$213.44	(\$0.35)	-0.16%
13	0.0	3,000	\$254.58	\$254.16	(\$0.42)	-0.16%
14	0.0	4,000	\$336.21	\$335.64	(\$0.57)	-0.17%
15	0.0	5,000	\$417.82	\$417.11	(\$0.71)	-0.17%
16	0.0	7,500	\$621.89	\$620.83	(\$1.06)	-0.17%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Residential Heat (Winter)**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 2 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	\$11.74	\$11.73	(\$0.01)	-0.09%
2	0.0	100	\$15.55	\$15.54	(\$0.01)	-0.06%
3	0.0	200	\$23.21	\$23.18	(\$0.03)	-0.13%
4	0.0	400	\$38.51	\$38.45	(\$0.06)	-0.16%
5	0.0	500	\$46.15	\$46.08	(\$0.07)	-0.15%
6	0.0	750	\$65.26	\$65.15	(\$0.11)	-0.17%
7	0.0	1,000	\$83.57	\$83.43	(\$0.14)	-0.17%
8	0.0	1,200	\$98.22	\$98.05	(\$0.17)	-0.17%
9	0.0	1,400	\$112.85	\$112.65	(\$0.20)	-0.18%
10	0.0	1,500	\$120.18	\$119.97	(\$0.21)	-0.17%
11	0.0	2,000	\$156.78	\$156.50	(\$0.28)	-0.18%
12	0.0	2,500	\$193.16	\$192.81	(\$0.35)	-0.18%
13	0.0	3,000	\$229.53	\$229.11	(\$0.42)	-0.18%
14	0.0	4,000	\$302.28	\$301.71	(\$0.57)	-0.19%
15	0.0	5,000	\$375.03	\$374.32	(\$0.71)	-0.19%
16	0.0	7,500	\$556.91	\$555.85	(\$1.06)	-0.19%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Residential Heat (Summer)**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 3 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	\$12.08	\$12.07	(\$0.01)	-0.08%
2	0.0	100	\$16.23	\$16.22	(\$0.01)	-0.06%
3	0.0	200	\$24.57	\$24.54	(\$0.03)	-0.12%
4	0.0	400	\$41.23	\$41.17	(\$0.06)	-0.15%
5	0.0	500	\$49.55	\$49.48	(\$0.07)	-0.14%
6	0.0	750	\$70.37	\$70.26	(\$0.11)	-0.16%
7	0.0	1,000	\$90.88	\$90.74	(\$0.14)	-0.15%
8	0.0	1,200	\$107.32	\$107.15	(\$0.17)	-0.16%
9	0.0	1,400	\$123.72	\$123.52	(\$0.20)	-0.16%
10	0.0	1,500	\$131.93	\$131.72	(\$0.21)	-0.16%
11	0.0	2,000	\$172.96	\$172.68	(\$0.28)	-0.16%
12	0.0	2,500	\$213.79	\$213.44	(\$0.35)	-0.16%
13	0.0	3,000	\$254.58	\$254.16	(\$0.42)	-0.16%
14	0.0	4,000	\$336.21	\$335.64	(\$0.57)	-0.17%
15	0.0	5,000	\$417.82	\$417.11	(\$0.71)	-0.17%
16	0.0	7,500	\$621.89	\$620.83	(\$1.06)	-0.17%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Secondary Unmetered**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 4 of 11

Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill (D)	Proposed Bill (E)	Dollar Increase/ (Decrease) (F) = (E) - (D)	Percent Increase/ (Decrease) (G) = (F) / (D)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$16.56	\$16.56	\$0.00	0.00%
2	0.0	100	\$19.57	\$19.56	(\$0.01)	-0.05%
3	0.0	150	\$22.59	\$22.58	(\$0.01)	-0.04%
4	0.0	200	\$25.59	\$25.58	(\$0.01)	-0.04%
5	0.0	300	\$31.62	\$31.60	(\$0.02)	-0.06%
6	0.0	400	\$37.64	\$37.61	(\$0.03)	-0.08%
7	0.0	500	\$43.66	\$43.62	(\$0.04)	-0.09%
8	0.0	600	\$49.69	\$49.65	(\$0.04)	-0.08%
9	0.0	800	\$61.74	\$61.68	(\$0.06)	-0.10%
10	0.0	1,000	\$73.78	\$73.71	(\$0.07)	-0.09%
11	0.0	1,200	\$85.83	\$85.74	(\$0.09)	-0.10%
12	0.0	1,400	\$97.86	\$97.76	(\$0.10)	-0.10%
13	0.0	1,600	\$109.53	\$109.42	(\$0.11)	-0.10%
14	0.0	2,000	\$132.09	\$131.95	(\$0.14)	-0.11%
15	0.0	2,200	\$143.28	\$143.12	(\$0.16)	-0.11%
16	0.0	2,400	\$154.47	\$154.30	(\$0.17)	-0.11%



**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Secondary Single Phase**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 5 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	5	750	\$81.15	\$81.10	(\$0.05)	-0.06%
2	5	1,500	\$128.54	\$128.43	(\$0.11)	-0.09%
3	10	1,500	\$146.27	\$146.16	(\$0.11)	-0.08%
4	25	5,000	\$429.64	\$429.28	(\$0.36)	-0.08%
5	25	7,500	\$569.50	\$568.96	(\$0.54)	-0.09%
6	25	10,000	\$709.37	\$708.65	(\$0.72)	-0.10%
7	50	15,000	\$1,120.37	\$1,119.29	(\$1.08)	-0.10%
8	50	25,000	\$1,674.24	\$1,672.45	(\$1.79)	-0.11%
9	200	50,000	\$3,846.63	\$3,843.04	(\$3.59)	-0.09%
10	200	100,000	\$6,615.94	\$6,608.76	(\$7.18)	-0.11%
11	300	125,000	\$8,525.75	\$8,516.78	(\$8.97)	-0.11%
12	500	200,000	\$13,696.27	\$13,681.91	(\$14.36)	-0.10%
13	1,000	300,000	\$21,815.67	\$21,794.13	(\$21.54)	-0.10%
14	1,000	500,000	\$32,802.93	\$32,767.03	(\$35.90)	-0.11%
15	2,500	750,000	\$54,414.29	\$54,360.44	(\$53.85)	-0.10%
16	2,500	1,000,000	\$67,847.59	\$67,775.79	(\$71.80)	-0.11%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Secondary Three Phase**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 6 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	5	500	\$68.09	\$68.05	(\$0.04)	-0.06%
2	5	1,500	\$137.20	\$137.09	(\$0.11)	-0.08%
3	10	1,500	\$154.93	\$154.82	(\$0.11)	-0.07%
4	25	5,000	\$438.29	\$437.93	(\$0.36)	-0.08%
5	25	7,500	\$578.15	\$577.61	(\$0.54)	-0.09%
6	25	10,000	\$718.02	\$717.30	(\$0.72)	-0.10%
7	50	25,000	\$1,682.90	\$1,681.11	(\$1.79)	-0.11%
8	200	50,000	\$3,855.28	\$3,851.69	(\$3.59)	-0.09%
9	200	125,000	\$8,009.25	\$8,000.28	(\$8.97)	-0.11%
10	500	200,000	\$13,704.93	\$13,690.57	(\$14.36)	-0.10%
11	1,000	300,000	\$21,824.33	\$21,802.79	(\$21.54)	-0.10%
12	1,000	500,000	\$32,811.59	\$32,775.69	(\$35.90)	-0.11%
13	2,500	750,000	\$54,422.95	\$54,369.10	(\$53.85)	-0.10%
14	2,500	1,000,000	\$67,856.25	\$67,784.45	(\$71.80)	-0.11%
15	5,000	1,500,000	\$107,552.72	\$107,445.02	(\$107.70)	-0.10%
16	5,000	2,000,000	\$134,120.37	\$133,976.77	(\$143.60)	-0.11%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Primary Service**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 7 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	5	1,000	\$307.13	\$307.10	(\$0.03)	-0.01%
2	5	2,500	\$388.78	\$388.71	(\$0.07)	-0.02%
3	10	5,000	\$544.86	\$544.71	(\$0.15)	-0.03%
4	25	7,500	\$742.56	\$742.34	(\$0.22)	-0.03%
5	25	10,000	\$877.85	\$877.56	(\$0.29)	-0.03%
6	50	20,000	\$1,520.23	\$1,519.65	(\$0.58)	-0.04%
7	50	30,000	\$2,055.86	\$2,054.98	(\$0.88)	-0.04%
8	200	50,000	\$3,750.75	\$3,749.29	(\$1.46)	-0.04%
9	200	75,000	\$5,089.84	\$5,087.65	(\$2.19)	-0.04%
10	200	100,000	\$6,428.92	\$6,426.00	(\$2.92)	-0.05%
11	500	250,000	\$15,710.65	\$15,703.35	(\$7.30)	-0.05%
12	1,000	500,000	\$31,180.10	\$31,165.50	(\$14.60)	-0.05%
13	2,500	1,000,000	\$63,896.95	\$63,867.75	(\$29.20)	-0.05%
14	5,000	2,500,000	\$151,933.92	\$151,860.92	(\$73.00)	-0.05%
15	10,000	5,000,000	\$302,126.52	\$301,980.52	(\$146.00)	-0.05%
16	25,000	7,500,000	\$493,890.88	\$493,671.88	(\$219.00)	-0.04%
17	25,000	10,000,000	\$623,297.63	\$623,005.63	(\$292.00)	-0.05%
18	50,000	15,000,000	\$986,040.36	\$985,602.36	(\$438.00)	-0.04%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Primary Substation**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 8 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	3,000	1,000,000	\$61,510.70	\$61,502.60	(\$8.10)	-0.01%
2	5,000	2,000,000	\$118,270.10	\$118,253.90	(\$16.20)	-0.01%
3	5,000	3,000,000	\$169,433.40	\$169,409.10	(\$24.30)	-0.01%
4	10,000	4,000,000	\$234,586.99	\$234,554.59	(\$32.40)	-0.01%
5	10,000	5,000,000	\$285,750.29	\$285,709.79	(\$40.50)	-0.01%
6	15,000	6,000,000	\$350,903.89	\$350,855.29	(\$48.60)	-0.01%
7	15,000	7,000,000	\$402,067.19	\$402,010.49	(\$56.70)	-0.01%
8	15,000	8,000,000	\$453,230.49	\$453,165.69	(\$64.80)	-0.01%
9	25,000	9,000,000	\$532,374.39	\$532,301.49	(\$72.90)	-0.01%
10	25,000	10,000,000	\$583,537.69	\$583,456.69	(\$81.00)	-0.01%
11	30,000	12,500,000	\$725,436.23	\$725,334.98	(\$101.25)	-0.01%
12	30,000	15,000,000	\$853,344.48	\$853,222.98	(\$121.50)	-0.01%
13	50,000	17,500,000	\$1,037,213.90	\$1,037,072.15	(\$141.75)	-0.01%
14	50,000	20,000,000	\$1,165,122.15	\$1,164,960.15	(\$162.00)	-0.01%
15	50,000	25,000,000	\$1,420,938.65	\$1,420,736.15	(\$202.50)	-0.01%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**High Voltage Service**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 9 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	1,000	500,000	\$29,630.67	\$29,630.22	-\$0.45	0.00%
2	2,000	1,000,000	\$57,875.17	\$57,874.27	-\$0.90	0.00%
3	3,000	1,500,000	\$85,519.95	\$85,518.60	-\$1.35	0.00%
4	3,500	2,000,000	\$112,122.99	\$112,121.19	-\$1.80	0.00%
5	5,000	2,500,000	\$140,809.50	\$140,807.25	-\$2.25	0.00%
6	7,500	3,000,000	\$171,579.50	\$171,576.80	-\$2.70	0.00%
7	7,500	4,000,000	\$222,702.10	\$222,698.50	-\$3.60	0.00%
8	10,000	5,000,000	\$279,033.39	\$279,028.89	-\$4.50	0.00%
9	10,000	6,000,000	\$330,155.99	\$330,150.59	-\$5.40	0.00%
10	12,500	7,000,000	\$386,487.29	\$386,480.99	-\$6.30	0.00%
11	12,500	8,000,000	\$437,609.89	\$437,602.69	-\$7.20	0.00%
12	15,000	9,000,000	\$493,941.17	\$493,933.07	-\$8.10	0.00%
13	20,000	10,000,000	\$555,481.16	\$555,472.16	-\$9.00	0.00%
14	40,000	20,000,000	\$1,108,376.69	\$1,108,358.69	-\$18.00	0.00%
15	60,000	30,000,000	\$1,661,272.23	\$1,661,245.23	-\$27.00	0.00%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Private Outdoor Lighting**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 10 of 11

Line	Lamp Type	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	\$15.84	\$15.80	(\$0.04)	-0.25%
3						
4	21000					
5	Mercury	154	\$20.30	\$20.21	(\$0.09)	-0.44%
6						
7	2500					
8	Incandescent	64	\$15.30	\$15.26	(\$0.04)	-0.26%
9						
10	7000					
11	Fluorescent	66	\$15.51	\$15.47	(\$0.04)	-0.26%
12						
13	4000					
14	Mercury	43	\$14.49	\$14.47	(\$0.02)	-0.14%
15						
16	9500					
17	High Pressure Sodium	39	\$13.79	\$13.77	(\$0.02)	-0.15%
18						
19	28000					
20	High Pressure Sodium	96	\$17.00	\$16.95	(\$0.05)	-0.29%
21						
22	3600					
23	LED	14	\$12.38	\$12.37	(\$0.01)	-0.08%
24						
25	8400					
26	LED	30	\$13.26	\$13.24	(\$0.02)	-0.15%

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

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Economic Development Rider**  
**Typical Bill Comparison**  
**Street Lighting**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference: None

Schedule E-1  
Page 11 of 11

Line	Level of Demand (kW)	Level of Usage (kWh)	Current Bill (D)	Proposed Bill (E)	Dollar Increase/ (Decrease) (F) = (E) - (D)	Percent Increase/ (Decrease) (G) = (F) / (D)
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$11.77	\$11.77	\$0.00	0.00%
2	0.0	100	\$15.30	\$15.29	(\$0.01)	-0.07%
3	0.0	200	\$22.36	\$22.35	(\$0.01)	-0.04%
4	0.0	400	\$36.50	\$36.48	(\$0.02)	-0.05%
5	0.0	500	\$43.57	\$43.54	(\$0.03)	-0.07%
6	0.0	750	\$61.25	\$61.21	(\$0.04)	-0.07%
7	0.0	1,000	\$78.90	\$78.84	(\$0.06)	-0.08%
8	0.0	1,200	\$93.04	\$92.97	(\$0.07)	-0.08%
9	0.0	1,400	\$107.17	\$107.09	(\$0.08)	-0.07%
10	0.0	1,600	\$121.29	\$121.20	(\$0.09)	-0.07%
11	0.0	2,000	\$149.56	\$149.45	(\$0.11)	-0.07%
12	0.0	2,500	\$184.68	\$184.54	(\$0.14)	-0.08%
13	0.0	3,000	\$219.78	\$219.61	(\$0.17)	-0.08%
14	0.0	4,000	\$289.99	\$289.76	(\$0.23)	-0.08%
15	0.0	5,000	\$360.21	\$359.93	(\$0.28)	-0.08%

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Allocation Factors**

Data: Actual

Type of Filing: Original

Workpaper C-1

Work Paper Reference No(s): None

Page 1 of 1

**March 2020 - February 2021**

<u>Line</u>	<u>Tariff Class</u>	<u>Distribution Revenue</u>	<u>Allocation</u>
(A)	(B)	(C)	(D)
Internal Records			
1	Residential	\$ 166,621,470	70.68%
2	Secondary	\$ 51,239,278	21.74%
3	Primary	\$ 14,588,431	6.19%
4	Primary Substation	\$ 1,079,914	0.46%
5	High Voltage	\$ 148,383	0.06%
6	Street Lighting	\$ 578,361	0.25%
7	Private Outdoor Lighting	\$ 1,484,549	0.63%
8	<b>Total</b>	<b>\$ 235,740,386</b>	<b>100.00%</b>



**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Billing Determinants (kWh)**  
**May 2021 - October 2021**

Data: Actual  
Type of Filing: Original  
Work Paper Reference No(s): None

Workpaper C-2  
Page 1 of 1

<u>Line</u>	<u>Tariff Class</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Total</u>	<u>Source</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Residential	322,381,471	373,868,887	497,175,975	516,055,717	448,837,486	362,918,050	2,521,237,586	Corporate Forecast
2	Secondary	305,089,722	340,615,556	368,320,017	387,335,651	363,307,444	318,977,044	2,083,645,433	Corporate Forecast
3	Primary	215,233,950	248,435,733	241,603,929	247,827,990	248,128,721	219,467,879	1,420,698,202	Corporate Forecast
4	Primary Substation	65,809,765	76,553,711	65,278,532	71,600,091	76,479,535	65,970,014	421,691,648	Corporate Forecast
5	High Voltage	76,110,998	86,645,579	86,107,560	91,925,784	94,724,887	78,335,847	513,850,655	Corporate Forecast
6	Street Lighting	3,213,024	3,457,090	3,264,844	3,166,301	3,313,591	2,883,524	19,298,374	Corporate Forecast
7	Private Outdoor Lighting	<u>1,940,860</u>	<u>2,077,942</u>	<u>1,977,735</u>	<u>1,930,135</u>	<u>2,038,792</u>	<u>1,758,325</u>	11,723,791	Corporate Forecast
8	<b>Total</b>	<b>989,779,790</b>	<b>1,131,654,498</b>	<b>1,263,728,592</b>	<b>1,319,841,670</b>	<b>1,236,830,455</b>	<b>1,050,310,684</b>	<b>6,992,145,689</b>	Sum (Line 1 thru Line 7)

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Calculation of Carrying Costs for Economic Development**  
**Prior to September 2020 - October 2021**

Data: Actual & Forecasted  
Type of Filing: Original  
Work Paper Reference No(s): None

Workpaper D-1  
Page 1 of 1

Line	Period	MONTHLY ACTIVITY							CARRYING COST CALCULATION		
		First of Month Balance (C)	New Charges (D)	Amount Collected (CR) (E)	NET AMOUNT (F) (F) = (D) + (E)	End of Month before Carrying Cost (G) (G) = (C) + (F)	Carrying Costs (H) (H) = (L) * (COD / 12)	End of Month Balance (I) (I) = (G) + (H)	End of Month Balance (J) (J) = (G)	Less: One-half Monthly Amount (K) (K) = - (F) * .5	Total Applicable to Carrying Cost (L) (L) = (J) + (K)
1	Prior to Sep-20							\$83,964	\$0	\$0	\$0
2	Sep-20	\$83,964	\$270,575	(\$339,987)	(\$69,412)	\$14,553	\$197	\$14,750	14,553	\$34,706	\$49,258
3	Oct-20	\$14,750	\$254,365	(\$258,822)	(\$4,456)	\$10,293	\$50	\$10,343	10,293	\$2,228	\$12,521
4	Nov-20	\$10,343	\$244,023	(\$119,520)	\$124,503	\$134,846	\$290	\$135,136	\$134,846	(\$62,251)	\$72,595
5	Dec-20	\$135,136	\$225,870	(\$156,653)	\$69,217	\$204,353	\$679	\$205,032	\$204,353	(\$34,608)	\$169,745
6	Jan-21	\$205,032	\$227,828	(\$191,840)	\$35,989	\$241,021	\$892	\$241,913	\$241,021	(\$17,994)	\$223,027
7	Feb-21	\$241,913	\$58,337	(\$176,261)	(\$117,924)	\$123,990	\$732	\$124,721	\$123,990	\$58,962	\$182,952
8	Mar-21	\$124,721	\$64,702	(\$162,136)	(\$97,434)	\$27,287	\$304	\$27,591	\$27,287	\$48,717	\$76,004
9	Apr-21	\$27,591	\$53,875	(\$135,255)	(\$81,380)	(\$53,789)	(\$52)	(\$53,841)	(\$53,789)	\$40,690	(\$13,099)
10	May-21	(\$53,841)	\$75,457	(\$48,192)	\$27,266	(\$26,575)	(\$161)	(\$26,736)	(\$26,575)	(\$13,633)	(\$40,208)
11	Jun-21	(\$26,736)	\$75,720	(\$55,328)	\$20,392	(\$6,344)	(\$66)	(\$6,410)	(\$6,344)	(\$10,196)	(\$16,540)
12	Jul-21	(\$6,410)	\$60,167	(\$68,637)	(\$8,470)	(\$14,880)	(\$43)	(\$14,922)	(\$14,880)	\$4,235	(\$10,645)
13	Aug-21	(\$14,922)	\$68,146	(\$71,368)	(\$3,222)	(\$18,144)	(\$66)	(\$18,211)	(\$18,144)	\$1,611	(\$16,533)
14	Sep-21	(\$18,211)	\$66,914	(\$63,732)	\$3,182	(\$15,029)	(\$66)	(\$15,095)	(\$15,029)	(\$1,591)	(\$16,620)
15	Oct-21	(\$15,095)	\$68,083	(\$52,823)	\$15,260	\$164	(\$30)	\$135	\$164	(\$7,630)	(\$7,466)

**AES Ohio**  
**Case No. 21-0184-EL-RDR**  
**Calculation of Private Outdoor Lighting Charges**

Data: Actual

Type of Filing: Original

Workpaper E-1

Work Paper Reference No(s): None

Page 1 of 1

<u>Line</u>	<u>Description</u>	<u>kWh / Fixture</u>	<u>\$ / KWH Rate</u>	<u>POL Charge/Fixture/ Month</u>
(A)	(B)	(C)	(D) Schedule B-1, Line 5, Col (J)	(E) Col (C) * Col (D)
<b>1</b>	<b>Private Outdoor Lighting</b>			
2	3600 Lumens LED	14	\$ 0.0001940	\$ 0.0027160
3	8400 Lumens LED	30	\$ 0.0001940	\$ 0.0058200
4	9500 Lumens High Pressure Sodium	39	\$ 0.0001940	\$ 0.0075660
5	28000 Lumens High Pressure Sodium	96	\$ 0.0001940	\$ 0.0186240
6	7000 Lumens Mercury	75	\$ 0.0001940	\$ 0.0145500
7	21000 Lumens Mercury	154	\$ 0.0001940	\$ 0.0298760
8	2500 Lumens Incandescent	64	\$ 0.0001940	\$ 0.0124160
9	7000 Lumens Fluorescent	66	\$ 0.0001940	\$ 0.0128040
10	4000 Lumens PT Mercury	43	\$ 0.0001940	\$ 0.0083420

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

**Commission of Ohio Docketing Information System on**

**3/17/2021 2:50:45 PM**

**in**

**Case No(s). 21-0184-EL-RDR**

Summary: Application to update Economic Development Rider electronically filed by Mrs. Jessica E Kellie on behalf of The Dayton Power and Light Company