

In the Matter of the Application of)
The Dayton Power and Light Company to) Case No. 16-0571-EL-RDR
Update its Economic Development Rider)

The Dayton Power and Light Company (“DP&L” or “the Company”) hereby submits this application to update its Economic Development Rider (“EDR”) pursuant to the Finding and Order of the Public Utilities Commission of Ohio (“PUCO” or “Commission”) dated October 26, 2011, in Case Nos. 11-4503-EL-RDR, *et al.*

1. DP&L is a public utility and electric light company as defined by O.R.C. §4905.02 and §4905.03(C) respectively, and an electric distribution utility as defined by R.C. §4928.01(A)(6).

2. O.R.C. §4905.31 permits a public utility and one or more of the utility's customers to enter into a reasonable arrangement providing for "any other financial device that may be practicable or advantageous to the parties interested."

3. O.R.C. §4905.31(E) provides further: “[i]n the case of a schedule or arrangement concerning a public utility electric light company, such other financial device may include a device to recover costs incurred in conjunction with any economic development and job retention program of the utility within its certified territory, including recovery of revenue foregone as a result of any such program. . . .”

4. DP&L currently has in place two Commission approved reasonable arrangements pursuant to O.R.C. §4905.31(E).

5. Consistent with the provisions of §4901:1-38-08(A)(5) of the Ohio Administrative Code (“O.A.C”), DP&L files this semiannual Application to update and reconcile the EDR.

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

Schedule A-1	Redlined Tariff Schedules;
Schedule A-2	Proposed Tariff Schedules;
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 total increase of \$0.15 per month for the May 2016 through October 2016 time period.

8. DP&L’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, DP&L 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 May 2016.

Respectfully submitted,

/s/ Michael J. Schuler

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Attorney for The Dayton Power
and Light Company

**THE DAYTON POWER AND LIGHT COMPANY
CASE NO. 16-0571-EL-RDR**

Economic Development Rider (EDR)

Schedule A-1 Redlined Tariffs

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

Sixty-~~First~~Second Revised Sheet No. D2
Cancels
~~Sixtieth~~Sixty-First Revised Sheet No. D2
Page 1 of 2

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
TARIFF INDEX

Sheet No.	Version	Description	Number of Pages	Tariff Sheet Effective Date
D1	First Revised	Table of Contents	1	June 30, 2009
D2	Sixty- First <u>Second</u> Revised March <u>May</u> 1, 2016	Tariff Index	2	

RULES AND REGULATIONS

D3	Original	Application and Contract for Service	3	January 1, 2001
D4	Second Revised	Credit Requirements of Customer	1	February 24, 2012
D5	Sixth Revised	Billing and Payment for Electric Service	8	February 24, 2012
D6	First Revised	Disconnection/Reconnection of Service	5	July 8, 2005
D7	First Revised	Meters and Metering Equipment- Location and Installation	3	November 25, 2014
D8	Original	Service Facilities – Location and Installation	3	January 1, 2001
D9	Original	Equipment on Customer's Premises	3	January 1, 2001
D10	Original	Use and Character of Service	5	January 1, 2001
D11	First Revised	Emergency Electrical Procedures	12	January 1, 2014
D12	Second Revised	Extension of Electric Facilities	5	March 1, 2014
D13	First Revised	Extension of Electric Facilities to House Trailer Parks	2	November 1, 2002
D14	First Revised	Definitions and Amendments	4	August 16, 2004
D15	Original	Additional Charges	1	January 1, 2001
D16	Original	Open Access Terms and Conditions	3	January 1, 2001

TARIFFS

D17	Eleventh Revised	Residential	2	January 1, 2014
D18	Eleventh Revised	Residential Heating	3	January 1, 2014
D19	Thirteenth Revised	Secondary	4	January 1, 2016
D20	Thirteenth Revised	Primary	3	January 1, 2016

Filed pursuant to the Finding and Order in Case No. ~~4516-00430571~~-EL-RDR dated-December 9, 2015
2016 of the Public Utilities Commission of Ohio.

Issued ~~February 29, 2016~~

Effective ~~March~~May 1, 2016

Issued by
THOMAS A. RAGA, President and Chief Executive Officer

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

Sixty-~~First~~Second Revised Sheet No. D2
Cancels
~~Sixtieth~~Sixty-First Revised Sheet No. D2
Page 2 of 2

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
TARIFF INDEX

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
D21	Tenth Revised	Primary-Substation	3	January 1, 2014
D22	Ninth Revised	High Voltage	3	January 1, 2014
D23	Eleventh Revised	Private Outdoor Lighting	3	January 1, 2014
D24	Tenth Revised	School	2	January 1, 2014
D25	Tenth Revised	Street Lighting	4	January 1, 2014
D26	Second Revised	Miscellaneous Service Charges	1	February 24, 2012
D35	Third Revised	Interconnection Tariff	29	October 14, 2015

RIDERS

D27	First Revised	Reserved	1	November 1, 2011
D28	Sixteenth Revised	Universal Service Fund Rider	1	January 1, 2016
D29	Thirteenth Revised	Reconciliation Rider Nonbypassable	1	March 1, 2016
D30	Fifth Revised	Storm Cost Recovery Rider	1	January 1, 2016
D31	Fourth Revised	Reserved	1	April 7, 2011
D32	Second Revised	Reserved	1	January 1, 2011
D33	Third Revised	Excise Tax Surcharge Rider	1	May 1, 2010
D34	First Revised	Switching Fees	2	January 1, 2006
D36	First Revised	Reserved	1	July 25, 2008
D37	Second Revised	Reserved	1	January 1, 2012
D38	Sixth Revised	Energy Efficiency Rider	1	March 1, 2014
D39	Eleventh <u>Twelfth</u> Revised	Economic Development Rider	1	November <u>May</u> 1, 2015 <u>2016</u>

Filed pursuant to the Finding and Order in Case No. ~~4516-00430571~~-EL-RDR dated-December 9, 2015
2016 of the Public Utilities Commission of Ohio.

Issued ~~February 29, 2016~~

Effective ~~March~~May 1, 2016

Issued by
THOMAS A. RAGA, President and Chief Executive Officer

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

~~Eleventh-Twelfth~~ Revised Sheet No.

Cancels

~~Tenth-Eleventh~~ Revised Sheet No. D39

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-May 2015~~2016.

Residential	\$0. 00044800005980	/kWh
Residential Heating	\$0. 00044800005980	/kWh
Secondary	\$0. 00025730002677	/kWh
Primary	\$0. 00007670000809	/kWh
Primary-Substation	\$0. 00001820000180	/kWh
High Voltage	\$0.00000006	/kWh
Private Outdoor Lighting		
9,500 Lumens High Pressure Sodium	\$0. 05915520659763	/lamp/month
28,000 Lumens High Pressure Sodium	\$0. 14561281624032	/lamp/month
7,000 Lumens Mercury	\$0. 11376001268775	/lamp/month
21,000 Lumens Mercury	\$0. 23358722605218	/lamp/month
2,500 Lumens Incandescent	\$0. 09707521082688	/lamp/month
7,000 Lumens Fluorescent	\$0. 10010881116522	/lamp/month
4,000 Lumens PT Mercury	\$0. 06522240727431	/lamp/month
School	\$0. 00034390004031	/kWh
Street Lighting	\$0. 00023590002632	/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.

Filed pursuant to the Finding and Order in Case No. ~~1516-15670571~~-EL-RDR dated ~~October 28~~_____, ~~2015~~
2016 of the Public Utilities Commission of Ohio.

Issued ~~October 30, 2015~~
20152016

Effective ~~November-May~~ 1,

Issued by
THOMAS A. RAGA, President and Chief Executive Officer

**THE DAYTON POWER AND LIGHT COMPANY
CASE NO. 16-0571-EL-RDR**

Economic Development Rider (EDR)

Schedule A-2 Proposed Tariffs

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
TARIFF INDEX

Sheet No.	Version	Description	Number of Pages	Tariff Sheet Effective Date
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TARIFFS

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Filed pursuant to the Finding and Order in Case No. 16-0571-EL-RDR dated _____, 2016 of the Public Utilities Commission of Ohio.

Issued

Effective May 1, 2016

Issued by
THOMAS A. RAGA, President and Chief Executive Officer

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
TARIFF INDEX

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Filed pursuant to the Finding and Order in Case No. 16-0571-EL-RDR dated _____, 2016 of the Public Utilities Commission of Ohio.

Issued

Effective May 1, 2016

Issued by
THOMAS A. RAGA, President and Chief Executive Officer

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

Twelfth Revised Sheet No. D39
Cancels
Eleventh Revised Sheet No. D39
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 May 2016.

Residential	\$0.0005980	/kWh
Residential Heating	\$0.0005980	/kWh
Secondary	\$0.0002677	/kWh
Primary	\$0.0000809	/kWh
Primary-Substation	\$0.0000180	/kWh
High Voltage	\$0.0000006	/kWh
Private Outdoor Lighting		
9,500 Lumens High Pressure Sodium	\$0.0659763	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.1624032	/lamp/month
7,000 Lumens Mercury	\$0.1268775	/lamp/month
21,000 Lumens Mercury	\$0.2605218	/lamp/month
2,500 Lumens Incandescent	\$0.1082688	/lamp/month
7,000 Lumens Fluorescent	\$0.1116522	/lamp/month
4,000 Lumens PT Mercury	\$0.0727431	/lamp/month
School	\$0.0004031	/kWh
Street Lighting	\$0.0002632	/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.

Filed pursuant to the Finding and Order in Case No. 16-0571-EL-RDR dated _____, 2016 of the Public Utilities Commission of Ohio.

Issued

Effective May 1, 2016

Issued by
THOMAS A. RAGA, President and Chief Executive Officer

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Summary of Proposed Rates

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

Schedule B-1
Page 1 of 1

<u>Line</u> (A)	<u>Description</u> (B)	<u>Residential</u> (C)	<u>Secondary</u> (D)	<u>Primary</u> (E)	<u>Primary Substation</u> (F)	<u>High Voltage</u> (G)	<u>Street Lighting</u> (H)	<u>School</u> (I)	<u>Private Outdoor Lighting</u> (J)	<u>Total</u> (K)	<u>Source</u> (L)
1	EDR Costs	\$ 1,423,436	\$ 563,677	\$ 119,278	\$ 6,322	\$ 300	\$ 7,075	\$ 9,817	\$ 23,583	\$ 2,153,488	Schedule C-1, Col (D)
2											
3	Projected Billing Determinants (kWh)	2,380,512,145	2,105,488,227	1,474,815,303	350,523,384	531,344,085	26,876,952	24,353,602	13,940,619	6,907,854,317	Workpaper C-2, Col (I)
4											
5	Proposed EDR Rate \$/kWh	\$ 0.0005980	\$ 0.0002677	\$ 0.0000809	\$ 0.0000180	\$ 0.0000006	\$ 0.0002632	\$ 0.0004031	\$ 0.0016917	\$ 0.0003117	Line 1 / Line 3

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
EDR Costs by Tariff Class

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1

Schedule C-1

Page 1 of 1

<u>Line</u>	<u>Description</u>	<u>Tariff Allocator</u>	<u>Total</u>	<u>Source</u>
(A)	(B)	(C)	(D)	(E)
		Workpaper C-1 Col (D)		
1	Total EDR Costs Including Carrying Costs		\$ 2,153,488	Schedule D-1, Col (F), Line 11
2				
3	Residential	66.10%	\$ 1,423,436	Line 1, Col (D) * Line 3, Col (C)
4	Secondary	26.18%	\$ 563,677	Line 1, Col (D) * Line 4, Col (C)
5	Primary	5.54%	\$ 119,278	Line 1, Col (D) * Line 5, Col (C)
6	Primary Substation	0.29%	\$ 6,322	Line 1, Col (D) * Line 6, Col (C)
7	High Voltage	0.01%	\$ 300	Line 1, Col (D) * Line 7, Col (C)
8	Street Lighting	0.33%	\$ 7,075	Line 1, Col (D) * Line 8, Col (C)
9	School	0.46%	\$ 9,817	Line 1, Col (D) * Line 9, Col (C)
10	Private Outdoor Lighting	<u>1.10%</u>	<u>\$ 23,583</u>	Line 1, Col (D) * Line 10, Col (C)
11	Total EDR Costs	100.00%	\$ 2,153,488	Sum Lines 3 through 10

The Dayton Power and Light Company
Case No. 16-0571-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> (A)	<u>Description</u> (B)	<u>Actual</u>	<u>Forecast</u>		<u>Total</u> (F)
		<u>Total through February 2016</u> (C)	<u>March 2016 - April 2016</u> (D)	<u>May 2016 - October 2016</u> (E)	
		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	Customer 1			\$ 2,007,332	\$ 2,007,332
3	Customer 2			\$ 58,534	\$ 58,534
4	Administrative Costs			\$ 8,189	\$ 8,189
5	Total EDR Costs			\$ 2,074,054	\$ 2,074,054
6	Revenue			\$ -	\$ -
7	(Over) / Under Recovery		(\$38,269)	\$ 2,074,054	\$ 2,035,785
8	Carrying Costs		\$511	\$ 244	\$ 755
9	Total (Over) / Under Recovery	\$ 101,554	\$ (37,758)	\$ 2,074,297	\$ 2,138,093
10	Gross Revenue Conversion Factor	\$ 1.0072	\$ 1.0072	\$ 1.0072	\$ 1.0072
11	Total EDR Costs Including Carrying Costs	\$ 102,285	\$ (38,030)	\$ 2,089,232	\$ 2,153,488

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Summary of Actual Costs
September 2015 - February 2016

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-15</u> (C)	<u>Oct-15</u> (D)	<u>Nov-15</u> (E)	<u>Dec-15</u> (F)	<u>Jan-16</u> (G)	<u>Feb-16</u> (H)	<u>Total</u> (I)	<u>Source</u> (J)
1	Delta Revenues:								
2	Customer 1	\$ 392,406	\$ 370,302	\$ 330,173	\$ 310,743	\$ 299,791	\$ 283,032	\$ 1,986,447	Accounting Records
3	Customer 2	\$ 6,211	\$ 5,756	\$ 5,056	\$ 4,508	\$ 4,696	\$ 4,908	\$ 31,135	Accounting Records
4	Administrative Costs	\$ 1,468	\$ 2,955	\$ 1,449	\$ 1,439	\$ 1,429	\$ 1,419	\$ 10,159	Accounting Records
5	Total EDR Expenses	\$ 400,086	\$ 379,013	\$ 336,677	\$ 316,689	\$ 305,916	\$ 289,359	\$ 2,027,741	Sum Lines 2 thru 4
6									
7	Revenues	\$ (130,090)	\$ (107,217)	\$ (238,162)	\$ (283,624)	\$ (343,629)	\$ (341,473)	\$ (1,444,195)	Workpaper D-1, Col (E)
8									
9	(Over) / Under Recovery	\$ 269,996	\$ 271,796	\$ 98,515	\$ 33,065	\$ (37,713)	\$ (52,114)	\$ 583,546	Line 5 + Line 7
10									
11	Carrying Costs	(\$1,432)	\$ (322)	\$ 439	\$ 712	\$ 706	\$ 523	\$ 627	Workpaper D-1, Col (H)
12									
13	(Over) / Under Recovery with Carrying Costs	\$ 268,564	\$ 271,474	\$ 98,955	\$ 33,778	\$ (37,007)	\$ (51,590)	\$ 584,173	Line 9 + Line 11
14									
15	Prior Period Balance through August 2015							\$ (482,619)	Workpaper D-1, Col (I)
16									
17	Gross Revenue Conversion Factor							1.0072	Case No. 12-426-EL-SSO
18									
19	Total (Over) / Under Recovery with Carrying Costs							\$ 102,285	(Line 13 + Line 15) * Line 17

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Projected Monthly Cost Calculation
May 2016 - October 2016

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-16</u>	<u>Jun-16</u>	<u>Jul-16</u>	<u>Aug-16</u>	<u>Sep-16</u>	<u>Oct-16</u>	<u>Total</u>	<u>Source</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Delta Revenues:								
2	Customer 1	\$ 280,450	\$ 322,394	\$ 335,228	\$ 362,191	\$ 363,880	\$ 343,189	\$ 2,007,332	Corporate Forecast
3	Customer 2	\$ 8,677	\$ 9,106	\$ 11,211	\$ 10,230	\$ 9,955	\$ 9,354	\$ 58,534	Corporate Forecast
4	Administrative Costs	\$ 1,389	\$ 1,380	\$ 1,370	\$ 1,360	\$ 1,350	\$ 1,340	\$ 8,189	Corporate Forecast
5	Total EDR Expenses	\$ 290,517	\$ 332,880	\$ 347,808	\$ 373,781	\$ 375,185	\$ 353,883	\$ 2,074,054	Sum Lines 2 thru 4
6									
7	Projected Carrying Cost of (Over) / Under Recovery	\$ 253	\$ 219	\$ 99	\$ (77)	\$ (165)	\$ (86)	\$ 244	Workpaper D-1, Col (H)
8									
9	Projected (Over) / Under Recovery with Carrying Costs	\$ 290,770	\$ 333,099	\$ 347,907	\$ 373,704	\$ 375,021	\$ 353,797	\$ 2,074,297	Line 5 + Line 7
10									
11	Gross Revenue Conversion Factor							<u>1.0072</u>	Case No. 12-426-EL-SSO
12									
13	Total Projected EDR Expenses							\$ 2,089,232	Line 9 * Line 11

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$10.73	\$10.74	\$0.01	0.09%
2	0.0	100	\$17.22	\$17.24	\$0.02	0.12%
3	0.0	200	\$30.19	\$30.22	\$0.03	0.10%
4	0.0	400	\$56.11	\$56.17	\$0.06	0.11%
5	0.0	500	\$69.09	\$69.17	\$0.08	0.12%
6	0.0	750	\$101.51	\$101.62	\$0.11	0.11%
7	0.0	1,000	\$130.83	\$130.98	\$0.15	0.11%
8	0.0	1,200	\$154.28	\$154.46	\$0.18	0.12%
9	0.0	1,400	\$177.75	\$177.96	\$0.21	0.12%
10	0.0	1,500	\$189.48	\$189.71	\$0.23	0.12%
11	0.0	2,000	\$248.16	\$248.46	\$0.30	0.12%
12	0.0	2,500	\$306.58	\$306.96	\$0.38	0.12%
13	0.0	3,000	\$364.98	\$365.43	\$0.45	0.12%
14	0.0	4,000	\$481.83	\$482.43	\$0.60	0.12%
15	0.0	5,000	\$598.69	\$599.44	\$0.75	0.13%
16	0.0	7,500	\$890.82	\$891.95	\$1.13	0.13%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$10.73	\$10.74	\$0.01	0.09%
2	0.0	100	\$17.22	\$17.24	\$0.02	0.12%
3	0.0	200	\$30.19	\$30.22	\$0.03	0.10%
4	0.0	400	\$56.11	\$56.17	\$0.06	0.11%
5	0.0	500	\$69.09	\$69.17	\$0.08	0.12%
6	0.0	750	\$101.51	\$101.62	\$0.11	0.11%
7	0.0	1,000	\$125.34	\$125.49	\$0.15	0.12%
8	0.0	1,200	\$144.40	\$144.58	\$0.18	0.12%
9	0.0	1,400	\$163.49	\$163.70	\$0.21	0.13%
10	0.0	1,500	\$173.03	\$173.26	\$0.23	0.13%
11	0.0	2,000	\$220.73	\$221.03	\$0.30	0.14%
12	0.0	2,500	\$268.18	\$268.56	\$0.38	0.14%
13	0.0	3,000	\$315.62	\$316.07	\$0.45	0.14%
14	0.0	4,000	\$410.54	\$411.14	\$0.60	0.15%
15	0.0	5,000	\$505.45	\$506.20	\$0.75	0.15%
16	0.0	7,500	\$742.73	\$743.86	\$1.13	0.15%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$10.73	\$10.74	\$0.01	0.09%
2	0.0	100	\$17.22	\$17.24	\$0.02	0.12%
3	0.0	200	\$30.19	\$30.22	\$0.03	0.10%
4	0.0	400	\$56.11	\$56.17	\$0.06	0.11%
5	0.0	500	\$69.09	\$69.17	\$0.08	0.12%
6	0.0	750	\$101.51	\$101.62	\$0.11	0.11%
7	0.0	1,000	\$130.83	\$130.98	\$0.15	0.11%
8	0.0	1,200	\$154.28	\$154.46	\$0.18	0.12%
9	0.0	1,400	\$177.75	\$177.96	\$0.21	0.12%
10	0.0	1,500	\$189.48	\$189.71	\$0.23	0.12%
11	0.0	2,000	\$248.16	\$248.46	\$0.30	0.12%
12	0.0	2,500	\$306.58	\$306.96	\$0.38	0.12%
13	0.0	3,000	\$364.98	\$365.43	\$0.45	0.12%
14	0.0	4,000	\$481.83	\$482.43	\$0.60	0.12%
15	0.0	5,000	\$598.69	\$599.44	\$0.75	0.13%
16	0.0	7,500	\$890.82	\$891.95	\$1.13	0.13%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$13.55	\$13.55	\$0.00	0.00%
2	0.0	100	\$20.46	\$20.46	\$0.00	0.00%
3	0.0	150	\$27.33	\$27.33	\$0.00	0.00%
4	0.0	200	\$34.22	\$34.22	\$0.00	0.00%
5	0.0	300	\$47.99	\$47.99	\$0.00	0.00%
6	0.0	400	\$61.76	\$61.76	\$0.00	0.00%
7	0.0	500	\$75.56	\$75.57	\$0.01	0.01%
8	0.0	600	\$89.34	\$89.35	\$0.01	0.01%
9	0.0	800	\$116.87	\$116.88	\$0.01	0.01%
10	0.0	1,000	\$144.42	\$144.43	\$0.01	0.01%
11	0.0	1,200	\$171.98	\$171.99	\$0.01	0.01%
12	0.0	1,400	\$199.51	\$199.52	\$0.01	0.01%
13	0.0	1,600	\$220.41	\$220.43	\$0.02	0.01%
14	0.0	2,000	\$248.78	\$248.80	\$0.02	0.01%
15	0.0	2,200	\$262.86	\$262.88	\$0.02	0.01%
16	0.0	2,400	\$276.94	\$276.96	\$0.02	0.01%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$111.98	\$111.99	\$0.01	0.01%
2	5	1,500	\$215.30	\$215.32	\$0.02	0.01%
3	10	1,500	\$269.56	\$269.58	\$0.02	0.01%
4	25	5,000	\$679.18	\$679.23	\$0.05	0.01%
5	25	7,500	\$855.33	\$855.41	\$0.08	0.01%
6	25	10,000	\$1,031.46	\$1,031.56	\$0.10	0.01%
7	50	15,000	\$1,655.06	\$1,655.22	\$0.16	0.01%
8	50	25,000	\$2,354.00	\$2,354.26	\$0.26	0.01%
9	200	50,000	\$5,729.38	\$5,729.90	\$0.52	0.01%
10	200	100,000	\$9,224.16	\$9,225.20	\$1.04	0.01%
11	300	125,000	\$12,056.83	\$12,058.13	\$1.30	0.01%
12	500	200,000	\$19,064.14	\$19,066.22	\$2.08	0.01%
13	1,000	300,000	\$30,939.51	\$30,942.63	\$3.12	0.01%
14	1,000	500,000	\$43,837.43	\$43,842.63	\$5.20	0.01%
15	2,500	750,000	\$76,239.09	\$76,246.89	\$7.80	0.01%
16	2,500	1,000,000	\$92,007.00	\$92,017.40	\$10.40	0.01%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$84.89	\$84.90	\$0.01	0.01%
2	5	1,500	\$222.64	\$222.66	\$0.02	0.01%
3	10	1,500	\$276.90	\$276.92	\$0.02	0.01%
4	25	5,000	\$686.52	\$686.57	\$0.05	0.01%
5	25	7,500	\$862.67	\$862.75	\$0.08	0.01%
6	25	10,000	\$1,038.80	\$1,038.90	\$0.10	0.01%
7	50	25,000	\$2,361.34	\$2,361.60	\$0.26	0.01%
8	200	50,000	\$5,736.72	\$5,737.24	\$0.52	0.01%
9	200	125,000	\$10,978.89	\$10,980.19	\$1.30	0.01%
10	500	200,000	\$19,071.48	\$19,073.56	\$2.08	0.01%
11	1,000	300,000	\$30,946.85	\$30,949.97	\$3.12	0.01%
12	1,000	500,000	\$43,844.77	\$43,849.97	\$5.20	0.01%
13	2,500	750,000	\$76,246.43	\$76,254.23	\$7.80	0.01%
14	2,500	1,000,000	\$92,014.34	\$92,024.74	\$10.40	0.01%
15	5,000	1,500,000	\$150,329.94	\$150,345.54	\$15.60	0.01%
16	5,000	2,000,000	\$181,513.49	\$181,534.29	\$20.80	0.01%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$212.04	\$212.04	\$0.00	0.00%
2	5	2,500	\$325.85	\$325.86	\$0.01	0.00%
3	10	5,000	\$555.78	\$555.80	\$0.02	0.00%
4	25	7,500	\$867.85	\$867.88	\$0.03	0.00%
5	25	10,000	\$1,056.74	\$1,056.78	\$0.04	0.00%
6	50	20,000	\$2,014.75	\$2,014.83	\$0.08	0.00%
7	50	30,000	\$2,764.75	\$2,764.88	\$0.13	0.00%
8	200	50,000	\$5,496.10	\$5,496.31	\$0.21	0.00%
9	200	75,000	\$7,371.09	\$7,371.41	\$0.32	0.00%
10	200	100,000	\$9,246.09	\$9,246.51	\$0.42	0.00%
11	500	250,000	\$22,958.77	\$22,959.82	\$1.05	0.00%
12	1,000	500,000	\$45,813.09	\$45,815.19	\$2.10	0.00%
13	2,500	1,000,000	\$95,271.73	\$95,275.93	\$4.20	0.00%
14	5,000	2,500,000	\$225,110.01	\$225,120.51	\$10.50	0.00%
15	10,000	5,000,000	\$448,347.68	\$448,368.68	\$21.00	0.00%
16	25,000	7,500,000	\$753,671.19	\$753,702.69	\$31.50	0.00%
17	25,000	10,000,000	\$935,865.94	\$935,907.94	\$42.00	0.00%
18	50,000	15,000,000	\$1,505,469.99	\$1,505,532.99	\$63.00	0.00%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$96,657.69	\$96,657.49	(\$0.20)	0.00%
2	5,000	2,000,000	\$183,846.43	\$183,846.03	(\$0.40)	0.00%
3	5,000	3,000,000	\$255,992.03	\$255,991.43	(\$0.60)	0.00%
4	10,000	4,000,000	\$365,745.49	\$365,744.69	(\$0.80)	0.00%
5	10,000	5,000,000	\$437,891.09	\$437,890.09	(\$1.00)	0.00%
6	15,000	6,000,000	\$547,644.56	\$547,643.36	(\$1.20)	0.00%
7	15,000	7,000,000	\$619,790.16	\$619,788.76	(\$1.40)	0.00%
8	15,000	8,000,000	\$691,935.76	\$691,934.16	(\$1.60)	0.00%
9	25,000	9,000,000	\$839,297.12	\$839,295.32	(\$1.80)	0.00%
10	25,000	10,000,000	\$911,442.72	\$911,440.72	(\$2.00)	0.00%
11	30,000	12,500,000	\$1,129,414.58	\$1,129,412.08	(\$2.50)	0.00%
12	30,000	15,000,000	\$1,309,778.58	\$1,309,775.58	(\$3.00)	0.00%
13	50,000	17,500,000	\$1,640,574.04	\$1,640,570.54	(\$3.50)	0.00%
14	50,000	20,000,000	\$1,820,938.04	\$1,820,934.04	(\$4.00)	0.00%
15	50,000	25,000,000	\$2,181,666.04	\$2,181,661.04	(\$5.00)	0.00%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$44,550.35	\$44,550.35	\$0.00	0.00%
2	2,000	1,000,000	\$88,466.91	\$88,466.91	\$0.00	0.00%
3	3,000	1,500,000	\$131,676.74	\$131,676.74	\$0.00	0.00%
4	3,500	2,000,000	\$171,076.90	\$171,076.90	\$0.00	0.00%
5	5,000	2,500,000	\$218,096.30	\$218,096.30	\$0.00	0.00%
6	7,500	3,000,000	\$272,734.86	\$272,734.86	\$0.00	0.00%
7	7,500	4,000,000	\$343,916.06	\$343,916.06	\$0.00	0.00%
8	10,000	5,000,000	\$434,145.23	\$434,145.23	\$0.00	0.00%
9	10,000	6,000,000	\$505,326.43	\$505,326.43	\$0.00	0.00%
10	12,500	7,000,000	\$595,555.58	\$595,555.58	\$0.00	0.00%
11	12,500	8,000,000	\$666,736.78	\$666,736.78	\$0.00	0.00%
12	15,000	9,000,000	\$756,965.96	\$756,965.96	\$0.00	0.00%
13	20,000	10,000,000	\$866,243.09	\$866,243.09	\$0.00	0.00%
14	40,000	20,000,000	\$1,730,438.87	\$1,730,438.87	\$0.00	0.00%
15	60,000	30,000,000	\$2,594,634.60	\$2,594,634.60	\$0.00	0.00%

The Dayton Power and Light Company
Case No. 16-0571-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 12

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	\$11.62	\$11.63	\$0.01	0.09%
3						
4	21000					
5	Mercury	154	\$20.87	\$20.90	\$0.03	0.14%
6						
7	2500					
8	Incandescent	64	\$11.08	\$11.09	\$0.01	0.09%
9						
10	7000					
11	Fluorescent	66	\$12.36	\$12.37	\$0.01	0.08%
12						
13	4000					
14	Mercury	43	\$12.40	\$12.41	\$0.01	0.08%
15						
16	9500					
17	High Pressure Sodium	39	\$10.03	\$10.04	\$0.01	0.10%
18						
19	28000					
20	High Pressure Sodium	96	\$13.04	\$13.06	\$0.02	0.15%

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

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Economic Development Rider
Typical Bill Comparison
School Rate

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

Page 11 of 12

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	1,000	\$153.55	\$153.61	\$0.06	0.04%
2	0.0	2,500	\$325.43	\$325.58	\$0.15	0.05%
3	0.0	5,000	\$611.05	\$611.35	\$0.30	0.05%
4	0.0	10,000	\$1,182.34	\$1,182.93	\$0.59	0.05%
5	0.0	15,000	\$1,753.62	\$1,754.51	\$0.89	0.05%
6	0.0	25,000	\$2,890.58	\$2,892.06	\$1.48	0.05%
7	0.0	50,000	\$5,733.01	\$5,735.97	\$2.96	0.05%
8	0.0	75,000	\$8,575.40	\$8,579.84	\$4.44	0.05%
9	0.0	100,000	\$11,417.79	\$11,423.71	\$5.92	0.05%
10	0.0	150,000	\$17,102.63	\$17,111.51	\$8.88	0.05%
11	0.0	200,000	\$22,787.41	\$22,799.25	\$11.84	0.05%
12	0.0	250,000	\$28,472.25	\$28,487.05	\$14.80	0.05%
13	0.0	300,000	\$34,157.03	\$34,174.79	\$17.76	0.05%
14	0.0	350,000	\$39,841.87	\$39,862.59	\$20.72	0.05%
15	0.0	400,000	\$45,526.65	\$45,550.33	\$23.68	0.05%
16	0.0	450,000	\$51,211.49	\$51,238.13	\$26.64	0.05%
17	0.0	500,000	\$56,896.27	\$56,925.87	\$29.60	0.05%

The Dayton Power and Light Company
Case No. 16-0571-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 12 of 12

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	\$6.45	\$6.45	\$0.00	0.00%
2	0.0	100	\$10.89	\$10.89	\$0.00	0.00%
3	0.0	200	\$19.76	\$19.77	\$0.01	0.05%
4	0.0	400	\$37.54	\$37.55	\$0.01	0.03%
5	0.0	500	\$46.44	\$46.45	\$0.01	0.02%
6	0.0	750	\$68.65	\$68.67	\$0.02	0.03%
7	0.0	1,000	\$90.85	\$90.88	\$0.03	0.03%
8	0.0	1,200	\$108.61	\$108.64	\$0.03	0.03%
9	0.0	1,400	\$126.38	\$126.42	\$0.04	0.03%
10	0.0	1,600	\$144.17	\$144.21	\$0.04	0.03%
11	0.0	2,000	\$179.71	\$179.76	\$0.05	0.03%
12	0.0	2,500	\$223.91	\$223.98	\$0.07	0.03%
13	0.0	3,000	\$268.10	\$268.18	\$0.08	0.03%
14	0.0	4,000	\$356.48	\$356.59	\$0.11	0.03%
15	0.0	5,000	\$444.88	\$445.02	\$0.14	0.03%

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Allocation Factors

Data: Actual

Type of Filing: Original

Workpaper C-1

Work Paper Reference No(s): None

Page 1 of 1

March 2015 - February 2016			
<u>Line</u>	<u>Tariff Class</u>	<u>Distribution Revenue</u>	<u>Allocation</u>
(A)	(B)	(C)	(D)
Internal Records			
1	Residential	\$ 138,468,299	66.10%
2	Secondary	\$ 54,833,086	26.18%
3	Primary	\$ 11,603,051	5.54%
4	Primary Substation	\$ 615,007	0.29%
5	High Voltage	\$ 29,160	0.01%
6	Street Lighting	\$ 688,256	0.33%
7	School	\$ 954,984	0.46%
8	Private Outdoor Lighting	\$ 2,294,093	1.10%
9	Total	\$ 209,485,937	100.00%

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Billing Determinants (kWh)
May 2016 - October 2016

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-16</u>	<u>Jun-16</u>	<u>Jul-16</u>	<u>Aug-16</u>	<u>Sep-16</u>	<u>Oct-16</u>	<u>Total</u>	<u>Source</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Residential	316,002,660	382,904,847	448,390,688	477,426,742	425,843,656	329,943,552	2,380,512,145	Internal Records
2	Secondary	308,613,560	340,214,984	376,166,966	380,887,662	365,775,898	333,829,157	2,105,488,227	Internal Records
3	Primary	223,330,012	245,708,900	253,748,242	257,000,879	250,060,372	244,966,898	1,474,815,303	Internal Records
4	Primary Substation	53,887,412	56,828,428	59,194,451	60,103,931	61,058,286	59,450,876	350,523,384	Internal Records
5	High Voltage	77,714,494	86,925,273	90,552,380	94,213,067	93,687,825	88,251,046	531,344,085	Internal Records
6	Street Lighting	4,475,673	4,483,352	4,481,471	4,479,508	4,480,002	4,476,946	26,876,952	Internal Records
7	School	3,925,077	3,838,419	3,523,276	3,824,542	4,678,810	4,563,478	24,353,602	Internal Records
8	Private Outdoor Lighting	<u>2,344,789</u>	<u>2,323,337</u>	<u>2,330,412</u>	<u>2,312,626</u>	<u>2,322,350</u>	<u>2,307,105</u>	<u>13,940,619</u>	Internal Records
9	Total	990,293,677	1,123,227,540	1,238,387,886	1,280,248,957	1,207,907,199	1,067,789,058	6,907,854,317	Sum (Line 1 thru Line 8)

The Dayton Power and Light Company
Case No. 16-0571-EL-RDR
Calculation of Carrying Costs for Economic Development
Prior to January 2015 - April 2016

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper D-1

Page 1 of 1

Line (A)	Period (B)	MONTHLY ACTIVITY							CARRYING COST CALCULATION		
		First of Month Balance (C)	New Charges (D)	Amount Collected (CR) (E)	NET AMOUNT (F)	End of Month before Carrying Cost (G)	Carrying Costs (H)	End of Month Balance (I)	End of Month Balance (J)	Less: One-half Monthly Amount (K)	Total Applicable to Carrying Cost (L)
					(F) = (D) + (E)	(G) = (C) + (F)	(H) = (L) * (4.943% / 12)	(I) = (G) + (H)	(J) = (G)	(K) = - (F) * .5	(L) = (J) + (K)
1	Prior to Jan-15							\$2,034,910	\$0	\$0	\$0
2	Jan-15	\$2,034,910	\$84,299	(\$1,318,258)	(\$1,233,959)	\$800,951	\$5,841	\$806,791	\$800,951	\$616,980	\$1,417,930
3	Feb-15	\$806,791	\$343,513	(\$1,245,089)	(\$901,576)	(\$94,784)	\$1,466	(\$93,318)	(\$94,784)	\$450,788	\$356,004
4	Mar-15	(\$93,318)	\$326,051	(\$1,211,026)	(\$884,975)	(\$978,293)	(\$2,207)	(\$980,500)	(\$978,293)	\$442,487	(\$535,805)
5	Apr-15	(\$980,500)	\$343,184	(\$952,032)	(\$608,848)	(\$1,589,348)	(\$5,293)	(\$1,594,641)	(\$1,589,348)	\$304,424	(\$1,284,924)
6	May-15	(\$1,594,641)	\$329,354	(\$100,615)	\$228,738	(\$1,365,902)	(\$6,097)	(\$1,372,000)	(\$1,365,902)	(\$114,369)	(\$1,480,272)
7	Jun-15	(\$1,372,000)	\$411,175	(\$118,393)	\$292,782	(\$1,079,218)	(\$5,048)	(\$1,084,266)	(\$1,079,218)	(\$146,391)	(\$1,225,609)
8	Jul-15	(\$1,084,266)	\$427,452	(\$135,540)	\$291,913	(\$792,353)	(\$3,865)	(\$796,218)	(\$792,353)	(\$145,956)	(\$938,310)
9	Aug-15	(\$796,218)	\$458,476	(\$142,249)	\$316,228	(\$479,991)	(\$2,628)	(\$482,619)	(\$479,991)	(\$158,114)	(\$638,105)
10	Sep-15	(\$482,619)	\$400,086	(\$130,090)	\$269,996	(\$212,623)	(\$1,432)	(\$214,055)	(\$212,623)	(\$134,998)	(\$347,621)
11	Oct-15	(\$214,055)	\$379,013	(\$107,217)	\$271,796	\$57,741	(\$322)	\$57,419	\$57,741	(\$135,898)	(\$78,157)
12	Nov-15	\$57,419	\$336,677	(\$238,162)	\$98,515	\$155,934	\$439	\$156,374	\$155,934	(\$49,258)	\$106,677
13	Dec-15	\$156,374	\$316,689	(\$283,624)	\$33,065	\$189,439	\$712	\$190,151	\$189,439	(\$16,533)	\$172,907
14	Jan-16	\$190,151	\$305,916	(\$343,629)	(\$37,713)	\$152,438	\$706	\$153,144	\$152,438	\$18,857	\$171,295
15	Feb-16	\$153,144	\$289,359	(\$341,473)	(\$52,114)	\$101,030	\$523	\$101,554	\$101,030	\$26,057	\$127,087
16	Mar-16	\$101,554	\$298,196	(\$358,352)	(\$60,156)	\$41,398	\$294	\$41,693	\$41,398	\$30,078	\$71,476
17	Apr-16	\$41,693	\$302,692	(\$280,805)	\$21,887	\$63,579	\$217	\$63,796	\$63,579	(\$10,943)	\$52,636
18	May-16	\$63,796	\$290,517	(\$295,270)	(\$4,754)	\$59,042	\$253	\$59,295	\$59,042	\$2,377	\$61,419
19	Jun-16	\$59,295	\$332,880	(\$345,178)	(\$12,298)	\$46,997	\$219	\$47,216	\$46,997	\$6,149	\$53,146
20	Jul-16	\$47,216	\$347,808	(\$394,190)	(\$46,381)	\$835	\$99	\$934	\$835	\$23,191	\$24,026
21	Aug-16	\$934	\$373,781	(\$413,054)	(\$39,273)	(\$38,339)	(\$77)	(\$38,416)	(\$38,339)	\$19,636	(\$18,703)
22	Sep-16	(\$38,416)	\$375,185	(\$378,229)	(\$3,043)	(\$41,459)	(\$165)	(\$41,624)	(\$41,459)	\$1,522	(\$39,938)
23	Oct-16	(\$41,624)	\$353,883	(\$312,286)	\$41,598	(\$26)	(\$86)	(\$112)	(\$26)	(\$20,799)	(\$20,825)

The Dayton Power and Light Company
Case No. 16-0571-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)	(E)
			Schedule B-1, Line 5, Col (J)	Col (C) * Col (D)
1	Private Outdoor Lighting			
2	9500 Lumens High Pressure Sodium	39	\$ 0.0016917	\$ 0.0659763
3	28000 Lumens High Pressure Sodium	96	\$ 0.0016917	\$ 0.1624032
4	7000 Lumens Mercury	75	\$ 0.0016917	\$ 0.1268775
5	21000 Lumens Mercury	154	\$ 0.0016917	\$ 0.2605218
6	2500 Lumens Incandescent	64	\$ 0.0016917	\$ 0.1082688
7	7000 Lumens Fluorescent	66	\$ 0.0016917	\$ 0.1116522
8	4000 Lumens PT Mercury	43	\$ 0.0016917	\$ 0.0727431

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in

Case No(s). 16-0571-EL-RDR

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