

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

THE DAYTON POWER AND LIGHT COMPANY

CASE NO. 18-0077-EL-RDR

STORM DAMAGE RECOVERY REQUEST

Application

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of The Dayton)	
Power and Light Company for Authority to)	Case No. 18-0077-EL-RDR
Recover Certain Storm-Related Service)	
Restoration Costs)	

**APPLICATION OF THE DAYTON POWER & LIGHT COMPANY
FOR AUTHORITY TO RECOVER CERTAIN STORM-RELATED
RESTORATION COSTS**

The Dayton Power and Light Company (“DP&L” or “the Company”) is a public utility and electric light company as defined by Sections 4905.02 and 4905.03(A)(3) of the Ohio Revised Code (“O.R.C”), an electric distribution utility as defined by O.R.C. §4928.01(A)(6) and is subject to the jurisdiction of the Public Utilities Commission of Ohio (“PUCO” or “Commission”).

The Opinion and Order filed on October 20, 2017 in DP&L’s Electric Security Plan, PUCO Case No. 16-395-EL-SSO, (“ESP III Opinion”) approved the Company’s Storm Cost Recovery Rider as set forth in the Stipulation and Recommendation (“the Stipulation”) filed in that case. Pursuant to the Stipulation and the ESP III Opinion, with this Application the Company respectfully requests that the Commission grant DP&L the authority to recover 2016 storm-related service restoration O&M costs through its Storm Cost Recovery Rider, Tariff No. D30, as described in more detail below.

Storm Restoration Costs Overview

DP&L previously sought and was granted authority to defer certain 2016 storm costs in Case No. 16-2464-EL-AAM. DP&L now seeks to recover those costs through its recently approved Storm Cost Recovery Rider. The Storm Cost Recovery Rider, as approved by the Commission in Case No. 16-395-EL-SSO, permits DP&L to seek recovery of O&M expenses incurred for all storms that are determined to be “Major Events” as determined by Ohio Adm.Code 4901:1-10-01, as well as carrying charges at the last approved cost of debt accrued from the point of deferral until recovery begins. Ohio Administrative Code §4901:1-10-01 defines a “major event” as an incident that causes an electric utility’s daily system average interruption duration index (SAIDI) to exceed the threshold outlined in section 4.5 of standard 1366-2003 as adopted in the “IEEE Guide for Electric Power Distribution Reliability Indices.”

Historical Storm Overview and Operation & Maintenance Costs

DP&L experienced three weather events in 2016 that exceeded the O.A.C. threshold for major events. The first storm occurred on April 2, 2016 when destructive winds swept through DP&L’s service territory, causing extensive damage to DP&L’s distribution system. The storm brought gusting winds of over 55 MPH, impacting over 39,000 customers. The second storm occurred on June 23, 2016 when DP&L’s service territory experienced damaging winds, including two tornados. According to the National Weather Service, the first tornado touched down near Waynesville with maximum winds of 105 MPH and the second tornado touched down near Washington Court House with estimated wind speeds of 100 MPH. This storm impacted almost

25,000 customers. The third storm occurred on August 27, 2016 when DP&L's service territory experienced heavy thunderstorms with winds gusting over 55 MPH. Over 23,000 of the Company's customers were impacted by this weather event.

Cost Recovery and Rate Design

As part of the Stipulation that was approved by the ESP III Opinion, prior to resolution of the rate case pending in Case No. 15-1830-EL-AIR, storm cost recovery will be offset by the three-year average of major storm repair expense (less any outlier storms). Accordingly, as set forth in Schedule B-2, the Company has removed the three-year average of major storms expense. In accordance with Section VI.1.e.i of the Stipulation and ESP III Opinion, the Company also deducted the straight-time labor portion of mutual assistance revenues that were received for storm repair done in other markets.

The rate design for the storm rider will be based on the Company's most recent annual distribution revenues. The resulting revenues are then used to allocate the annual storm revenue requirement across the different rate classes. This will assign each class responsibility for a share of the storm restoration costs in proportion to its share of the base distribution system costs. Further, each class will be assigned a fixed monthly rate based on that class' annual billing units. The fixed monthly rate will be adjusted for Commercial Activity Tax. Finally, DP&L proposes to recover the 2016 Storm revenue requirement over a 12-month period.

In support of this application for recovery of certain storm-related restoration costs, the following are attached:

- Proposed Tariff Schedules
- Schedule A-1 Annual Rate Calculation
- Schedule A-2 Annual Revenue Requirement by Tariff Class
- Schedule A-3 Storm Cost Allocation by Tariff Class
- Schedule B-1 Total Annual Revenue Requirement
- Schedule B-2 Threshold Calculation
- Schedule C-1 Typical Bill Comparison
- Supporting Workpapers

As set forth in Schedule C-1, the bill impact of the storm rider rate for the typical residential customer using 750 kWh per month is projected to result in that customer experiencing a total increase of \$0.21/month for the 12-month period.

WHEREFORE, for the foregoing reasons, DP&L requests that the Commission approve the recovery mechanism requested in this application.

Respectfully submitted,

/s/ Michael J. Schuler
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Attorney for The Dayton Power and
 Light Company

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

THE DAYTON POWER AND LIGHT COMPANY

CASE NO. 18-0077-EL-RDR

STORM DAMAGE RECOVERY REQUEST

Red-lined Tariffs

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

~~Six~~^{Fifth} Revised Sheet No. D30
Cancels
~~Fifth~~^{Fifth} Revised Sheet No. D30
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
STORM COST RECOVERY RIDER

DESCRIPTION:

The Storm Cost Recovery Rider is intended to compensate DP&L for certain costs related to restoring service and repairing distribution facilities as a result of severe storms that the Company experienced in 201~~6~~⁰⁸, 2011, and 2012.

APPLICABLE:

This rider will be assessed per tariff class at the rates stated below on a bills rendered basis beginning January 1, 2016.

CHARGES:

Residential	\$0. 02 ¹⁰	/ month
Residential Heating	\$0. 02 ¹⁰	/ month
Secondary	\$0. 84 ⁰⁰	/ month
Primary	\$0. 84 ⁰⁰	/ month
Primary Substation	\$0. 84 ⁰⁰	/ month
High Voltage	\$0. 84 ⁰⁰	/ month
Private Outdoor Lighting	\$0. 06 ⁰⁰	/ lamp / month
School	\$0. 84 ⁰⁰	/ month
Street Lighting	\$0. 84 ⁰⁰	/ month

TERMS AND CONDITIONS:

The Storm Cost Recovery Rider shall be assessed for approximately one year until the Company's costs are fully recovered.

Filed pursuant to the Opinion and Order in Case No. ~~18-0077-EL-RDR12-3062-EL-RDR~~ dated December 17, 2014 of the Public Utilities Commission of Ohio.

Issued December 28, 2015

Effective January 1, 2016

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

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

THE DAYTON POWER AND LIGHT COMPANY

CASE NO. 18-0077-EL-RDR

STORM DAMAGE RECOVERY REQUEST

Clean Tariffs

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

Sixth Revised Sheet No. D30
Cancels
Fifth Revised Sheet No. D30
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
STORM COST RECOVERY RIDER

DESCRIPTION:

The Storm Cost Recovery Rider is intended to compensate DP&L for certain costs related to restoring service and repairing distribution facilities as a result of severe storms that the Company experienced in 2016.

APPLICABLE:

This rider will be assessed per tariff class at the rates stated below on a bills rendered basis beginning _____.

CHARGES:

Residential	\$0.21	/ month
Residential Heating	\$0.21	/ month
Secondary	\$0.84	/ month
Primary	\$0.84	/ month
Primary Substation	\$0.84	/ month
High Voltage	\$0.84	/ month
Private Outdoor Lighting	\$0.06	/ lamp / month
School	\$0.84	/ month
Street Lighting	\$0.84	/ month

TERMS AND CONDITIONS:

The Storm Cost Recovery Rider shall be assessed for approximately one year until the Company's costs are fully recovered.

Filed pursuant to the Opinion and Order in Case No. 18-0077-EL-RDR dated _____ of the Public Utilities Commission of Ohio.

Issued ____

Effective ____

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

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

THE DAYTON POWER AND LIGHT COMPANY

CASE NO. 18-0077-EL-RDR

STORM DAMAGE RECOVERY REQUEST

Schedules

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Annual Rate Calculation

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

Schedule A-1
Page 1 of 1

Line	Tariff Class	Allocated Revenue Requirement	Annual Units	Monthly Billed Amount	Commercial Activity Tax	Final Monthly Billed Amount
(A)	(B)	(C)	(D)*	(E)	(F)	(G)
		Sch A-2, Col (D)	Datamart	Col (C) / Col (D)	Statutory Rate	Col (E) * Col (F)
1	Residential	\$ 1,169,415	5,547,514 bills	\$ 0.2107998	1.0026	\$ 0.21
2	Non-Residential	\$ 580,566	695,282 bills	\$ 0.8350078	1.0026	\$ 0.84
3	Private Outdoor Lighting	\$ 18,610	323,087 bills	\$ 0.0576019	1.0026	\$ 0.06
		\$ 1,768,591				

* Distribution Billing determinants based on 12 months January 2017 - December 2017.

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Annual Revenue Requirement by Tariff Class

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s): None

Schedule A-2

Page 1 of 1

Line	Tariff Class	Tariff Class Allocation	Annual Revenue Requirement	Source
(A)	(B)	(C)	(D)	(E)
		Sch A-3, Col (D)		
1	Annual Revenue Requirement		\$ 1,768,591	Schedule B-1, Col (C), Line 5
2				
3	Residential	66.12%	\$ 1,169,415	Col (C), Line 3 * Col (D), Line 1
4	Non-Residential	32.83%	\$ 580,566	Col (C), Line 4 * Col (D), Line 1
5	Private Outdoor Lighting	1.05%	\$ 18,610	Col (C), Line 5 * Col (D), Line 1
6	Total	100.00%	\$ 1,768,591	Sum Lines 3 through 5

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Storm Cost Allocation by Tariff Class

Data: Actual

Type of Filing: Original

Work Paper Reference No(s): None

Schedule A-3

Page 1 of 1

Line	Tariff Class	Annual Distribution		Tariff Class Allocation	Source
		Revenues			
(A)	(B)	(C)*		(D)	(E)
1	Residential	\$ 137,169,958		66.12%	Col (C), Line 1 / Col (C), Line 4
2	Non-Residential	\$ 68,099,193		32.83%	Col (C), Line 2 / Col (C), Line 4
3	<u>Private Outdoor Lighting</u>	<u>\$ 2,182,966</u>		<u>1.05%</u>	Col (C), Line 3 / Col (C), Line 4
4	Total	\$ 207,452,117		100%	

* Source: Datamart Data based on January 2017 - December 2017.

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Total Annual Revenue Requirement

Data: Actual

Type of Filing: Original

Work Paper Reference No(s): WPA-1

Schedule B-1

Page 1 of 1

Line	Description	Total	Source
(A)	(B)	(C)	(D)
1	Total 2016 Storm O&M	\$ 2,667,993	Accounting Records
2	Less: 2013-2015 Three-Year Average	<u>\$ 984,081</u>	Schedule B-2, Col (C), Line 7
3	Total Storm O&M	\$ 1,683,912	Line 1 - Line 2
4	Add: Carrying Charges	<u>\$ 84,679</u>	WPA-1, Col (F), Line 15
5	Total Storm Annual Revenue Requirement	\$ 1,768,591	Line 3 + Line 4

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Threshold Calculation

Data: Actual

Type of Filing: Original

Schedule B-2

Work Paper Reference No(s): None

Page 1 of 1

Line	Description	Total	Source
(A)	(B)	(C)	(D)
1	2013-2015 Storm O&M		
2	2013 Storm O&M	\$ 1,760,661	Accounting Records
3	2014 Storm O&M	\$ 730,503	Accounting Records
4	2015 Storm O&M	\$ 461,080	Accounting Records
5			
6	Storm Threshold Calculation		
7	2013-2015 Three-Year Average	\$ 984,081	(Line 2 + Line 3 + Line 4) / 3 years

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Residential

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference: None

Schedule C-1

Page 1 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)		(E)		(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$	9.97	\$	10.18	\$ 0.21	2.1%
2	0.0	100	\$	15.18	\$	15.39	\$ 0.21	1.4%
3	0.0	200	\$	25.53	\$	25.74	\$ 0.21	0.8%
4	0.0	400	\$	46.29	\$	46.50	\$ 0.21	0.5%
5	0.0	500	\$	56.67	\$	56.88	\$ 0.21	0.4%
6	0.0	750	\$	82.59	\$	82.80	\$ 0.21	0.3%
7	0.0	1,000	\$	106.79	\$	107.00	\$ 0.21	0.2%
8	0.0	1,200	\$	126.15	\$	126.36	\$ 0.21	0.2%
9	0.0	1,400	\$	145.52	\$	145.73	\$ 0.21	0.1%
10	0.0	1,500	\$	155.21	\$	155.42	\$ 0.21	0.1%
11	0.0	2,000	\$	203.61	\$	203.82	\$ 0.21	0.1%
12	0.0	2,500	\$	251.77	\$	251.98	\$ 0.21	0.1%
13	0.0	3,000	\$	299.93	\$	300.14	\$ 0.21	0.1%
14	0.0	4,000	\$	396.27	\$	396.48	\$ 0.21	0.1%
15	0.0	5,000	\$	492.62	\$	492.83	\$ 0.21	0.0%
16	0.0	7,500	\$	733.50	\$	733.71	\$ 0.21	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Residential Heat (Summer)

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

Schedule C-1
Page 2 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)		(E)		(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$	9.97	\$	10.18	\$ 0.21	2.1%
2	0.0	100	\$	15.18	\$	15.39	\$ 0.21	1.4%
3	0.0	200	\$	25.53	\$	25.74	\$ 0.21	0.8%
4	0.0	400	\$	46.29	\$	46.50	\$ 0.21	0.5%
5	0.0	500	\$	56.67	\$	56.88	\$ 0.21	0.4%
6	0.0	750	\$	82.59	\$	82.80	\$ 0.21	0.3%
7	0.0	1,000	\$	106.79	\$	107.00	\$ 0.21	0.2%
8	0.0	1,200	\$	126.15	\$	126.36	\$ 0.21	0.2%
9	0.0	1,400	\$	145.52	\$	145.73	\$ 0.21	0.1%
10	0.0	1,500	\$	155.21	\$	155.42	\$ 0.21	0.1%
11	0.0	2,000	\$	203.61	\$	203.82	\$ 0.21	0.1%
12	0.0	2,500	\$	251.77	\$	251.98	\$ 0.21	0.1%
13	0.0	3,000	\$	299.93	\$	300.14	\$ 0.21	0.1%
14	0.0	4,000	\$	396.27	\$	396.48	\$ 0.21	0.1%
15	0.0	5,000	\$	492.62	\$	492.83	\$ 0.21	0.0%
16	0.0	7,500	\$	733.50	\$	733.71	\$ 0.21	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Residential Heat (Winter)

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

Schedule C-1
Page 3 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$ 9.97	\$ 10.18	\$ 0.21	2.1%
2	0.0	100	\$ 15.18	\$ 15.39	\$ 0.21	1.4%
3	0.0	200	\$ 25.53	\$ 25.74	\$ 0.21	0.8%
4	0.0	400	\$ 46.29	\$ 46.50	\$ 0.21	0.5%
5	0.0	500	\$ 56.67	\$ 56.88	\$ 0.21	0.4%
6	0.0	750	\$ 82.59	\$ 82.80	\$ 0.21	0.3%
7	0.0	1,000	\$ 103.07	\$ 103.28	\$ 0.21	0.2%
8	0.0	1,200	\$ 119.44	\$ 119.65	\$ 0.21	0.2%
9	0.0	1,400	\$ 135.84	\$ 136.05	\$ 0.21	0.2%
10	0.0	1,500	\$ 144.04	\$ 144.25	\$ 0.21	0.1%
11	0.0	2,000	\$ 184.98	\$ 185.19	\$ 0.21	0.1%
12	0.0	2,500	\$ 225.71	\$ 225.92	\$ 0.21	0.1%
13	0.0	3,000	\$ 266.41	\$ 266.62	\$ 0.21	0.1%
14	0.0	4,000	\$ 347.86	\$ 348.07	\$ 0.21	0.1%
15	0.0	5,000	\$ 429.31	\$ 429.52	\$ 0.21	0.0%
16	0.0	7,500	\$ 632.94	\$ 633.15	\$ 0.21	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Secondary Unmetered

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

Schedule C-1
Page 4 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)		(E)		(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$	13.90	\$	14.74	\$ 0.84	6.0%
2	0.0	100	\$	19.09	\$	19.93	\$ 0.84	4.4%
3	0.0	150	\$	24.29	\$	25.13	\$ 0.84	3.5%
4	0.0	200	\$	29.49	\$	30.33	\$ 0.84	2.8%
5	0.0	300	\$	39.89	\$	40.73	\$ 0.84	2.1%
6	0.0	400	\$	50.30	\$	51.14	\$ 0.84	1.7%
7	0.0	500	\$	60.69	\$	61.53	\$ 0.84	1.4%
8	0.0	600	\$	71.08	\$	71.92	\$ 0.84	1.2%
9	0.0	800	\$	91.88	\$	92.72	\$ 0.84	0.9%
10	0.0	1,000	\$	112.67	\$	113.51	\$ 0.84	0.7%
11	0.0	1,200	\$	133.48	\$	134.32	\$ 0.84	0.6%
12	0.0	1,400	\$	154.26	\$	155.10	\$ 0.84	0.5%
13	0.0	1,600	\$	170.26	\$	171.10	\$ 0.84	0.5%
14	0.0	2,000	\$	192.72	\$	193.56	\$ 0.84	0.4%
15	0.0	2,200	\$	203.85	\$	204.69	\$ 0.84	0.4%
16	0.0	2,400	\$	214.98	\$	215.82	\$ 0.84	0.4%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Secondary Single Phase

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

Schedule C-1
Page 5 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	5	750	\$ 88.67	\$ 89.51	\$ 0.84	0.9%
2	5	1,500	\$ 166.66	\$ 167.50	\$ 0.84	0.5%
3	10	1,500	\$ 190.02	\$ 190.86	\$ 0.84	0.4%
4	25	5,000	\$ 478.56	\$ 479.40	\$ 0.84	0.2%
5	25	7,500	\$ 617.64	\$ 618.48	\$ 0.84	0.1%
6	25	10,000	\$ 756.72	\$ 757.56	\$ 0.84	0.1%
7	50	15,000	\$ 1,181.08	\$ 1,181.92	\$ 0.84	0.1%
8	50	25,000	\$ 1,731.81	\$ 1,732.65	\$ 0.84	0.0%
9	200	50,000	\$ 3,985.85	\$ 3,986.69	\$ 0.84	0.0%
10	200	100,000	\$ 6,739.46	\$ 6,740.30	\$ 0.84	0.0%
11	300	125,000	\$ 8,701.08	\$ 8,701.92	\$ 0.84	0.0%
12	500	200,000	\$ 13,745.31	\$ 13,746.15	\$ 0.84	0.0%
13	1,000	300,000	\$ 21,835.50	\$ 21,836.34	\$ 0.84	0.0%
14	1,000	500,000	\$ 32,167.78	\$ 32,168.62	\$ 0.84	0.0%
15	2,500	750,000	\$ 53,855.29	\$ 53,856.13	\$ 0.84	0.0%
16	2,500	1,000,000	\$ 66,770.63	\$ 66,771.47	\$ 0.84	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Secondary Three Phase

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

Schedule C-1
Page 6 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	5	500	\$ 70.02	\$ 70.86	\$ 0.84	1.2%
2	5	1,500	\$ 174.00	\$ 174.84	\$ 0.84	0.5%
3	10	1,500	\$ 197.36	\$ 198.20	\$ 0.84	0.4%
4	25	5,000	\$ 485.90	\$ 486.74	\$ 0.84	0.2%
5	25	7,500	\$ 624.98	\$ 625.82	\$ 0.84	0.1%
6	25	10,000	\$ 764.06	\$ 764.90	\$ 0.84	0.1%
7	50	25,000	\$ 1,739.15	\$ 1,739.99	\$ 0.84	0.0%
8	200	50,000	\$ 3,993.19	\$ 3,994.03	\$ 0.84	0.0%
9	200	125,000	\$ 8,123.62	\$ 8,124.46	\$ 0.84	0.0%
10	500	200,000	\$ 13,752.65	\$ 13,753.49	\$ 0.84	0.0%
11	1,000	300,000	\$ 21,842.84	\$ 21,843.68	\$ 0.84	0.0%
12	1,000	500,000	\$ 32,175.12	\$ 32,175.96	\$ 0.84	0.0%
13	2,500	750,000	\$ 53,862.63	\$ 53,863.47	\$ 0.84	0.0%
14	2,500	1,000,000	\$ 66,777.97	\$ 66,778.81	\$ 0.84	0.0%
15	5,000	1,500,000	\$ 107,228.91	\$ 107,229.75	\$ 0.84	0.0%
16	5,000	2,000,000	\$ 133,059.61	\$ 133,060.45	\$ 0.84	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Primary

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

Schedule C-1
Page 7 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	5	1,000	\$ 179.22	\$ 180.06	\$ 0.84	0.5%
2	5	2,500	\$ 265.32	\$ 266.16	\$ 0.84	0.3%
3	10	5,000	\$ 432.68	\$ 433.52	\$ 0.84	0.2%
4	25	7,500	\$ 649.33	\$ 650.17	\$ 0.84	0.1%
5	25	10,000	\$ 792.07	\$ 792.91	\$ 0.84	0.1%
6	50	20,000	\$ 1,483.39	\$ 1,484.23	\$ 0.84	0.1%
7	50	30,000	\$ 2,048.73	\$ 2,049.57	\$ 0.84	0.0%
8	200	50,000	\$ 3,918.53	\$ 3,919.37	\$ 0.84	0.0%
9	200	75,000	\$ 5,331.88	\$ 5,332.72	\$ 0.84	0.0%
10	200	100,000	\$ 6,745.22	\$ 6,746.06	\$ 0.84	0.0%
11	500	250,000	\$ 16,703.54	\$ 16,704.38	\$ 0.84	0.0%
12	1,000	500,000	\$ 33,300.67	\$ 33,301.51	\$ 0.84	0.0%
13	2,500	1,000,000	\$ 68,958.63	\$ 68,959.47	\$ 0.84	0.0%
14	5,000	2,500,000	\$ 166,077.94	\$ 166,078.78	\$ 0.84	0.0%
15	10,000	5,000,000	\$ 332,049.54	\$ 332,050.38	\$ 0.84	0.0%
16	25,000	7,500,000	\$ 547,293.85	\$ 547,294.69	\$ 0.84	0.0%
17	25,000	10,000,000	\$ 688,629.10	\$ 688,629.94	\$ 0.84	0.0%
18	50,000	15,000,000	\$ 1,094,481.32	\$ 1,094,482.16	\$ 0.84	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Primary Substation

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

Schedule C-1
Page 8 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	3,000	1,000,000	\$ 68,393.14	\$ 68,393.98	\$ 0.84	0.0%
2	5,000	2,000,000	\$ 132,547.75	\$ 132,548.59	\$ 0.84	0.0%
3	5,000	3,000,000	\$ 188,588.05	\$ 188,588.89	\$ 0.84	0.0%
4	10,000	4,000,000	\$ 264,914.14	\$ 264,914.98	\$ 0.84	0.0%
5	10,000	5,000,000	\$ 320,954.44	\$ 320,955.28	\$ 0.84	0.0%
6	15,000	6,000,000	\$ 397,280.54	\$ 397,281.38	\$ 0.84	0.0%
7	15,000	7,000,000	\$ 453,320.84	\$ 453,321.68	\$ 0.84	0.0%
8	15,000	8,000,000	\$ 509,361.14	\$ 509,361.98	\$ 0.84	0.0%
9	25,000	9,000,000	\$ 605,973.09	\$ 605,973.93	\$ 0.84	0.0%
10	25,000	10,000,000	\$ 662,013.39	\$ 662,014.23	\$ 0.84	0.0%
11	30,000	12,500,000	\$ 822,399.93	\$ 822,400.77	\$ 0.84	0.0%
12	30,000	15,000,000	\$ 962,500.68	\$ 962,501.52	\$ 0.84	0.0%
13	50,000	17,500,000	\$ 1,183,744.62	\$ 1,183,745.46	\$ 0.84	0.0%
14	50,000	20,000,000	\$ 1,323,845.37	\$ 1,323,846.21	\$ 0.84	0.0%
15	50,000	25,000,000	\$ 1,604,046.87	\$ 1,604,047.71	\$ 0.84	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
High Voltage

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

Schedule C-1
Page 9 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	1,000	500,000	\$ 31,663.17	\$ 31,664.01	\$ 0.84	0.0%
2	2,000	1,000,000	\$ 63,045.00	\$ 63,045.84	\$ 0.84	0.0%
3	3,000	1,500,000	\$ 94,426.87	\$ 94,427.71	\$ 0.84	0.0%
4	3,500	2,000,000	\$ 124,125.52	\$ 124,126.36	\$ 0.84	0.0%
5	5,000	2,500,000	\$ 157,190.51	\$ 157,191.35	\$ 0.84	0.0%
6	7,500	3,000,000	\$ 193,621.76	\$ 193,622.60	\$ 0.84	0.0%
7	7,500	4,000,000	\$ 249,652.86	\$ 249,653.70	\$ 0.84	0.0%
8	10,000	5,000,000	\$ 314,099.66	\$ 314,100.50	\$ 0.84	0.0%
9	10,000	6,000,000	\$ 370,130.76	\$ 370,131.60	\$ 0.84	0.0%
10	12,500	7,000,000	\$ 434,577.57	\$ 434,578.41	\$ 0.84	0.0%
11	12,500	8,000,000	\$ 490,608.67	\$ 490,609.51	\$ 0.84	0.0%
12	15,000	9,000,000	\$ 555,055.47	\$ 555,056.31	\$ 0.84	0.0%
13	20,000	10,000,000	\$ 627,917.98	\$ 627,918.82	\$ 0.84	0.0%
14	40,000	20,000,000	\$ 1,255,554.67	\$ 1,255,555.51	\$ 0.84	0.0%
15	60,000	30,000,000	\$ 1,833,191.30	\$ 1,833,192.14	\$ 0.84	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Schools

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

Schedule C-1
Page 10 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E)	(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	1,000	\$ 125.17	\$ 126.01	\$ 0.84	0.7%
2	0.0	2,500	\$ 251.37	\$ 252.21	\$ 0.84	0.3%
3	0.0	5,000	\$ 460.91	\$ 461.75	\$ 0.84	0.2%
4	0.0	10,000	\$ 880.03	\$ 880.87	\$ 0.84	0.1%
5	0.0	15,000	\$ 1,299.14	\$ 1,299.98	\$ 0.84	0.1%
6	0.0	25,000	\$ 2,131.76	\$ 2,132.60	\$ 0.84	0.0%
7	0.0	50,000	\$ 4,213.31	\$ 4,214.15	\$ 0.84	0.0%
8	0.0	75,000	\$ 6,294.88	\$ 6,295.72	\$ 0.84	0.0%
9	0.0	100,000	\$ 8,376.40	\$ 8,377.24	\$ 0.84	0.0%
10	0.0	150,000	\$ 12,539.51	\$ 12,540.35	\$ 0.84	0.0%
11	0.0	200,000	\$ 16,702.60	\$ 16,703.44	\$ 0.84	0.0%
12	0.0	250,000	\$ 20,865.71	\$ 20,866.55	\$ 0.84	0.0%
13	0.0	300,000	\$ 25,028.80	\$ 25,029.64	\$ 0.84	0.0%
14	0.0	350,000	\$ 29,191.91	\$ 29,192.75	\$ 0.84	0.0%
15	0.0	400,000	\$ 33,355.00	\$ 33,355.84	\$ 0.84	0.0%
16	0.0	450,000	\$ 37,518.11	\$ 37,518.95	\$ 0.84	0.0%
17	0.0	500,000	\$ 41,681.20	\$ 41,682.04	\$ 0.84	0.0%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Street Lighting

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

Schedule C-1
Page 11 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)		(E)		(F) = (E) - (D)	(G) = (F) / (D)
1	0.0	50	\$	7.70	\$	8.54	\$ 0.84	10.9%
2	0.0	100	\$	11.38	\$	12.22	\$ 0.84	7.4%
3	0.0	200	\$	18.74	\$	19.58	\$ 0.84	4.5%
4	0.0	400	\$	33.44	\$	34.28	\$ 0.84	2.5%
5	0.0	500	\$	40.81	\$	41.65	\$ 0.84	2.1%
6	0.0	750	\$	59.18	\$	60.02	\$ 0.84	1.4%
7	0.0	1,000	\$	77.57	\$	78.41	\$ 0.84	1.1%
8	0.0	1,200	\$	92.28	\$	93.12	\$ 0.84	0.9%
9	0.0	1,400	\$	106.98	\$	107.82	\$ 0.84	0.8%
10	0.0	1,600	\$	121.69	\$	122.53	\$ 0.84	0.7%
11	0.0	2,000	\$	151.10	\$	151.94	\$ 0.84	0.6%
12	0.0	2,500	\$	187.66	\$	188.50	\$ 0.84	0.4%
13	0.0	3,000	\$	224.19	\$	225.03	\$ 0.84	0.4%
14	0.0	4,000	\$	297.25	\$	298.09	\$ 0.84	0.3%
15	0.0	5,000	\$	370.33	\$	371.17	\$ 0.84	0.2%

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Typical Bill Comparison
Private Outdoor Lighting

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

Schedule C-1
Page 12 of 12

Line	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)		(E)		(F) = (E) - (D)	(G) = (F) / (D)
1	7000							
2	Mercury	75	\$	11.08	\$	11.92	\$ 0.06	0.5%
3	21000							
4	Mercury	154	\$	22.55	\$	23.39	\$ 0.06	0.3%
5	2500							
6	Incandescent	64	\$	9.50	\$	10.34	\$ 0.06	0.6%
7	7000							
8	Fluorescent	66	\$	9.78	\$	10.62	\$ 0.06	0.6%
9	4000							
10	Mercury	43	\$	6.45	\$	7.29	\$ 0.06	0.9%
11	9500							
12	HP Sodium	39	\$	8.67	\$	9.51	\$ 0.06	0.7%
13	28000							
14	HP Sodium	96	\$	13.22	\$	14.06	\$ 0.06	0.5%

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

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

THE DAYTON POWER AND LIGHT COMPANY

CASE NO. 18-0077-EL-RDR

STORM DAMAGE RECOVERY REQUEST

Workpapers

The Dayton Power and Light Company
Case No. 18-0077-EL-RDR
Storm Cost Recovery Rider
Calculation of 2016 Storm Carrying Charges on Deferred O&M

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

WPA-1

Page 1 of 1

Line (A)	Period (B)	MONTHLY ACTIVITY						CARRYING COST CALCULATION	
		First of Month Balance (C)	2016 Storms Deferral Charges (D)	End of Month before Carrying Cost (E) (E) = (C) + (D)	Carrying Cost @ 4.943% (F) (F) = (E) * (4.943% / 12)	End of Month Balance (G) (G) = (E) + (F)		Less: One-half Monthly Amount (H) (H) = - (D) * 0.5	Total Applicable to Carrying Cost (I) (I) = (E) + (H)
1	Apr-17	\$ -	\$ 1,683,912	\$ 1,683,912	\$ -	\$ 1,683,912	\$	-	\$ 1,683,912
2	May-17	\$ 1,683,912	\$ -	\$ 1,683,912	\$ 6,489	\$ 1,690,401	\$	-	\$ 1,683,912
3	Jun-17	\$ 1,690,401	\$ -	\$ 1,690,401	\$ 6,963	\$ 1,697,364	\$	-	\$ 1,690,401
4	Jul-17	\$ 1,697,364	\$ -	\$ 1,697,364	\$ 6,992	\$ 1,704,356	\$	-	\$ 1,697,364
5	Aug-17	\$ 1,704,356	\$ -	\$ 1,704,356	\$ 7,021	\$ 1,711,376	\$	-	\$ 1,704,356
6	Sep-17	\$ 1,711,376	\$ -	\$ 1,711,376	\$ 7,049	\$ 1,718,426	\$	-	\$ 1,711,376
7	Oct-17	\$ 1,718,426	\$ -	\$ 1,718,426	\$ 7,078	\$ 1,725,504	\$	-	\$ 1,718,426
8	Nov-17	\$ 1,725,504	\$ -	\$ 1,725,504	\$ 7,108	\$ 1,732,612	\$	-	\$ 1,725,504
9	Dec-17	\$ 1,732,612	\$ -	\$ 1,732,612	\$ 7,137	\$ 1,739,749	\$	-	\$ 1,732,612
10	Jan-18	\$ 1,739,749	\$ -	\$ 1,739,749	\$ 7,166	\$ 1,746,915	\$	-	\$ 1,739,749
11	Feb-18	\$ 1,746,915	\$ -	\$ 1,746,915	\$ 7,196	\$ 1,754,111	\$	-	\$ 1,746,915
12	Mar-18	\$ 1,754,111	\$ -	\$ 1,754,111	\$ 7,225	\$ 1,761,336	\$	-	\$ 1,754,111
13	Apr-18	\$ 1,761,336	\$ -	\$ 1,761,336	\$ 7,255	\$ 1,768,591	\$	-	\$ 1,761,336
14									
15		Total Charges	\$ 1,683,912	Total Carrying Cost	\$ 84,679				

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/2/2018 8:55:25 AM

in

Case No(s). 18-0077-EL-RDR

Summary: Application for Authority to Recover Certain Storm-Related Service Restoration Costs electronically filed by Eric R Brown on behalf of The Dayton Power and Light Company