



Whitney E. Snyder  
(717) 236-1300 x260  
[wesnyder@hmslegal.com](mailto:wesnyder@hmslegal.com)

Thomas J. Sniscak  
(717) 236-1300 x224  
[tjsniscak@hmslegal.com](mailto:tjsniscak@hmslegal.com)

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100 North Tenth Street, Harrisburg, PA 17101 Phone: 717.236.1300 Fax: 717.236.4841 [www.hmslegal.com](http://www.hmslegal.com)

April 30, 2024

***BY ELECTRONIC FILING***

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, Filing Room  
Harrisburg, PA 17120

Re: Pike County Light and Power Company; Docket No. M-2023-3039027; **2024  
FIRST QUARTER QUARTERLY ELECTRIC RELIABILITY REPORT  
FOR PIKE COUNTY LIGHT & POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the 2024 First Quarter Quarterly Electric Reliability Report of Pike County Light & Power Company.

Should you have any questions regarding this filing, please contact me.

Very truly yours,

*/s/ Whitney E. Snyder*

Whitney E. Snyder  
Thomas J. Sniscak

WES/das  
Enclosure

cc: Ed Verbraak, PCLP



**Pike County Light & Power Company  
Quarterly Reliability Report**

First Quarter 2024

**§ 57.195. (e)(1) A description of each major event that occurred during the preceding quarter, including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future.**

### **1<sup>st</sup> Quarter 2024 Major Events**

There are currently no approved Major Events in the Pike County Light & Power Company (“PCL&P”) service territory during the first quarter of 2024. PCL&P has three Major Events still under review.

#### January 7, 2024 (Pending)

In the late morning of January 7, temperatures in the Northeast section of the Pike service territory began to rise from just below freezing to values in the high thirties. This change transitioned the precipitation from heavy snow to sleet and rain. Right around 3 p.m. the temperatures rapidly dropped to below the freezing point turning the rain and sleet on tree branches to ice. The ice loading on the trees caused multiple branches to snap with some landing on primary conductors causing outages.

#### February 16, 2024 (Pending)

At approximately 3:20 a.m. on February 16, a large limb fell across all three phases of mainline primary conductor on U.S. Route 209. This tree contact resulted in a bolted fault that caused recloser CR1 to trip open. Weather reports describe the conditions as high winds.

#### March 11, 2024 (Pending)

On the morning of March 11, high winds swept through the region causing eleven outages on the Pike distribution system and the loss of the feed to the Pond Eddy section of the Pike service area. Weather reports describe the conditions as high winds with gusts exceeding 45 mph.

### **1<sup>st</sup> Quarter 2024 Pre-Arranged Outages**

There were no pre-arranged outages in the PCL&P service territory during the first quarter of 2024.

§ 57.195. (e)(2) Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) for the EDC's service territory for the preceding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer interruptions, the number of customers affected, and the customer minutes of interruption. If MAIFI values are provided, the report shall also include the number of customer momentary interruptions.

**Interruption Data Rolling 12-Month Period (Excluding pending Major Events)**

Year	Quarter	Customers Served	Interruptions	Customers Affected	Customer Minutes of Interruptions
2023	2nd Qtr.	5,305	59	2,340	418,484
2023	3rd Qtr.	5,314	53	2,952	303,163
2023	4th Qtr.	5,333	49	3,344	289,297
2024	1st Qtr.	5,334	53	3,789	377,064

**Performance Ratios - Rolling 12-Month Data (Excluding pending Major Events)**

	Frequency SAIFI	Restoration CAIDI (min)	Duration SAIDI (min)
Benchmark	0.61	174	106
Rolling 12-Month Standard	0.82	235	195

Year	Quarter	Frequency SAIFI	Restoration CAIDI	Duration SAIDI
2023	2nd Qtr.	0.44	179	79
2023	3rd Qtr.	0.56	103	57
2023	4th Qtr.	0.62	87	54
2024	1st Qtr.	0.71	100	71

**Interruption Data Rolling 12-Month Period (Including pending Major Events)**

Year	Quarter	Customers Served	Interruptions	Customers Affected	Customer Minutes of Interruptions
2023	2nd Qtr.	5,305	59	2,340	418,484
2023	3rd Qtr.	5,314	53	2,952	303,163
2023	4th Qtr.	5,333	49	3,344	289,297
2024	1st Qtr.	5,334	68	9,198	1,292,525

**Performance Ratios - Rolling 12-Month Data (Including pending Major Events)**

	Frequency SAIFI	Restoration CAIDI (min)	Duration SAIDI (min)
Benchmark	0.61	174	106
Rolling 12-Month Standard	0.82	235	195

Year	Quarter	Frequency SAIFI	Restoration CAIDI	Duration SAIDI
2023	2nd Qtr.	0.44	179	79
2023	3rd Qtr.	0.56	103	57
2023	4th Qtr.	0.62	87	54
2024	1st Qtr.	1.72	141	242

§ 57.195. (e)(5) A rolling 12-month breakdown and analysis of outage causes during the preceding quarter, including the number and percentage of service outages, the number of customers interrupted, and customer interruption minutes categorized by outage cause such as equipment failure, animal contact, tree related, and so forth. Proposed solutions to identified service problems shall be reported.

Excluding pending Major Events

Cause	Number of Interruptions		Customers Affected		Customer Minutes of Interruption	
	12-Month	% Of Total	12-Month	% Of Total	12-Month	% Of Total
Animal Contact	6	11.3%	101	2.7%	8,322	2.2%
Tree Contact	23	43.4%	1,392	36.7%	198,155	52.6%
Overload	0	0.0%	0	0.0%	0	0.0%
Work Error	1	1.9%	246	6.5%	4,920	1.3%
Equip. Failure	3	5.7%	81	2.1%	8,951	2.4%
Non-Comp Acc.	0	0.0%	0	0.0%	0	0.0%
Customer Problem	0	0.0%	0	0.0%	0	0.0%
Lightning	2	3.8%	39	1.0%	4,269	1.1%
Loss of Feed	7	13.2%	401	10.6%	70,072	18.6%
Unknown-Other	11	20.8%	1,529	40.4%	82,375	21.8%
All Causes	53		3,789		377,064	

Including pending Major Events

Cause	Number of Interruptions		Customers Affected		Customer Minutes of Interruption	
	12-Month	% Of Total	12-Month	% Of Total	12-Month	% Of Total
Animal Contact	6	8.8%	101	1.1%	8,322	0.6%
Tree Contact	35	51.5%	6,777	73.7%	1,075,947	83.2%
Overload	0	0.0%	0	0.0%	0	0.0%
Work Error	1	1.5%	246	2.7%	4,920	0.4%
Equip. Failure	5	7.4%	87	0.9%	16,434	1.3%
Non-Comp Acc.	0	0.0%	0	0.0%	0	0.0%
Customer Problem	0	0.0%	0	0.0%	0	0.0%
Lightning	2	2.9%	39	0.4%	4,269	0.3%
Loss of Feed	8	11.8%	419	4.6%	100,258	7.8%
Unknown-Other	11	16.2%	1,529	16.6%	82,375	6.4%
All Causes	68		9,198		1,292,525	

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served a true copy of the foregoing document upon the parties, listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a party).

**VIA ELECTRONIC MAIL ONLY**

Patrick M. Cicero, Esq.  
Office of Consumer Advocate  
555 Walnut Street  
5<sup>th</sup> Floor Forum Place  
Harrisburg, PA 17101  
[ra-oca@paoca.org](mailto:ra-oca@paoca.org)

Nicole Tillman, Executive Director  
Pennsylvania Office of Small Business Advocate  
555 Walnut Street, 1<sup>st</sup> Floor  
Forum Place  
Harrisburg, PA 17101  
[ra-sba@pa.gov](mailto:ra-sba@pa.gov)

*/s/ Whitney E. Snyder*  
Whitney E. Snyder  
Thomas J. Sniscak

DATED: April 30, 2024