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June 26, 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; **REVISED
2024 FIRST QUARTER QUARTERLY ELECTRIC RELIABILITY
REPORT FOR PIKE COUNTY LIGHT & POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing on behalf of Pike County Light & Power Company is Revised 2024 First Quarter Quarterly Electric Reliability Report. Please remove from this docket the previous 2024 First Quarter Quarterly Electric Reliability Report that was filed on April 30, 2024.

Should you have any questions or comments, please feel free to contact me directly.

Very truly yours,

/s/ Whitney E. Snyder

Thomas J. Sniscak
Whitney E. Snyder

WES/jld
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.

1st 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 Majors 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.

1st 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	60	3,580	566,876
2023	3rd Qtr.	5,314	54	4,192	451,575
2023	4th Qtr.	5,333	50	4,584	437,709
2024	1st Qtr.	5,334	54	5,029	525,476

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.	0.67	158	107
2023	3rd Qtr.	0.79	108	85
2023	4th Qtr.	0.86	95	82
2024	1st Qtr.	0.94	104	99

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	60	3,580	566,876
2023	3rd Qtr.	5,314	54	4,192	451,575
2023	4th Qtr.	5,333	50	4,584	437,709
2024	1st Qtr.	5,334	69	10,438	1,440,937

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.	0.67	158	107
2023	3rd Qtr.	0.79	108	85
2023	4th Qtr.	0.86	95	82
2024	1st Qtr.	1.96	138	270

§ 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	11.1%	101	2.0%	8,322	1.6%
Tree Contact	24	44.4%	2,632	52.3%	346,567	66.0%
Overload	0	0.0%	0	0.0%	0	0.0%
Work Error	1	1.9%	246	4.9%	4,920	0.9%
Equip. Failure	3	5.6%	81	1.6%	8,951	1.7%
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	3.7%	39	0.8%	4,269	0.8%
Loss of Feed	7	13.0%	401	8.0%	70,072	13.3%
Unknown-Other	11	20.4%	1,529	30.4%	82,375	15.7%
All Causes	54		5,029		525,476	

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	8.7%	101	1.0%	8,322	0.6%
Tree Contact	36	52.2%	8,017	76.8%	1,224,359	85.0%
Overload	0	0.0%	0	0.0%	0	0.0%
Work Error	1	1.4%	246	2.4%	4,920	0.3%
Equip. Failure	5	7.2%	87	0.8%	16,434	1.1%
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	11.6%	419	4.0%	100,258	7.0%
Unknown-Other	11	15.9%	1,529	14.6%	82,375	5.7%
All Causes	69		10,438		1,440,937	

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

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

DATED: June 26, 2024