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BY ELECTRONIC FILING

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

M-2023-3039027 ydd/sec 2/1/2024

Re: Pike County Light and Power Company; Docket No. ~~M-2016-2522508~~; **2023
FOURTH QUARTER QUARTERLY ELECTRIC RELIABILITY REPORT
FOR PIKE COUNTY LIGHT & POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the 2023 Fourth 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

Thomas J. Sniscak
Whitney E. Snyder

WES/das
Enclosure

cc: Ed Verbraak, PCLP



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

Fourth Quarter 2023

§ 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.

4th Quarter 2023 Major Events

There are currently no approved Major Events in the Pike County Light & Power Company (“PCL&P”) service territory during the fourth quarter of 2023. PCL&P has two Major Events still under review.

October 9, 2023 (Pending)

At approximately 2:00 p.m. on October 9, a sub transmission feed from Orange and Rockland Utilities de-energized. PCL&P has an automatic transfer switch installed, intended to transfer customers normally fed from this feed to another feed. The transfer switch did not operate as designed so power was restored via manual field switching. Weather was not a contributing factor to this outage.

December 4, 2023 (Pending)

At approximately 7:10 a.m. on December 4, a squirrel made contact with a lightning arrester near the intersection of Elderberry Alley and Ann Street in the Borough of Milford setting a pole on fire. The fault was cleared by an upstream recloser located on Route 209. Weather was not a contributing factor to this outage.

4th Quarter 2023 Pre-Arranged Outages

There were no pre-arranged outages in the PCL&P service territory during the fourth quarter of 2023.

§ 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	1st Qtr.	5,302	65	2,663	427,185
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

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	1st Qtr.	0.50	160	81
2023	2nd Qtr.	0.44	179	79
2023	3rd Qtr.	0.56	103	57
2023	4th Qtr.	0.62	87	54

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

Year	Quarter	Customers Served	Interruptions	Customers Affected	Customer Minutes of Interruptions
2023	1st Qtr.	5,302	65	2,663	427,185
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	51	6,863	621,118

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	1st Qtr.	0.50	160	81
2023	2nd Qtr.	0.44	179	79
2023	3rd Qtr.	0.56	103	57
2023	4th Qtr.	1.29	91	116

§ 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	12.2%	90	2.7%	10,853	3.75%
Tree Contact	19	38.8%	950	28.4%	113,769	39.33%
Overload	0	0.0%	0	0.0%	0	0.00%
Work Error	1	2.0%	246	7.4%	4,920	1.70%
Equip. Failure	3	6.1%	81	2.4%	8,951	3.09%
Non-Comp Acc.	0	0.0%	0	0.0%	0	0.00%
Customer Problem	0	0.0%	0	0.0%	0	0.00%
Lightning	2	4.1%	39	1.2%	4,269	1.48%
Loss of Feed	8	16.3%	478	14.3%	69,500	24.02%
Unknown-Other	10	20.4%	1,460	43.7%	77,035	26.63%
All Causes	49		3,344		289,297	

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	7	13.7%	1,704	24.8%	283,619	45.66%
Tree Contact	19	37.3%	950	13.8%	113,769	18.32%
Overload	0	0.0%	0	0.0%	0	0.00%
Work Error	1	2.0%	246	3.6%	4,920	0.79%
Equip. Failure	3	5.9%	81	1.2%	8,951	1.44%
Non-Comp Acc.	0	0.0%	0	0.0%	0	0.00%
Customer Problem	0	0.0%	0	0.0%	0	0.00%
Lightning	2	3.9%	39	0.6%	4,269	0.69%
Loss of Feed	9	17.6%	2,383	34.7%	128,555	20.70%
Unknown-Other	10	19.6%	1,460	21.3%	77,035	12.40%
All Causes	51		6,863		621,118	

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
Whitney E. Snyder
Thomas J. Sniscak

DATED: January 31, 2024