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May 11, 2021

***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-2016-2522508; **2021  
FIRST QUARTER QUARTERLY ELECTRIC RELIABILITY REPORT  
FOR PIKE COUNTY LIGHT & POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the 2021 First Quarter Quarterly Electric Reliability Report of Pike County Light & Power Company. This report is served electronically pursuant to the COVID-19 Suspension Emergency Order dated March 20, 2020 and ratified March 26, 2020.

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/das  
Enclosure

cc: Steven L. Grandinali, General Manager



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

First Quarter 2021

**§ 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 2021 Major Events**

There was one approved Major Event in the Pike County Light & Power Company (“PCL&P”) service territory during the first quarter of 2021.

**January 18**

On the afternoon of January 18, the failure of an underground elbow caused both the violent failure of the transformer it was connected to and the upstream recloser to trip until it locked out. The weather was not a factor in this outage.

The failure of the underground elbow caused the transformer to catch fire. This specific transformer was last inspected during the 2019-2020 pad mount transformer inspection cycle at which time no visible defects were witnessed.

This outage marks the third total transformer and cable failure in this underground development within the past six months. Based on the age of the underground installation, materials used at the time of installation and the recent outages, PCL&P had already made the decision to rebuild the underground development. Orders for the capital equipment had been placed before this outage. PCL&P is currently waiting on delivery of said materials to start construction.

<b>Date</b>	<b>Time</b>	<b>Circuit</b>	<b>Cause</b>	<b>Duration (minutes)</b>	<b>Customers Affected</b>	<b>Customer Minutes of Interruptions</b>
1/18/2021	2:17 p.m.	116-4-34	Equipment Failure	261	2,367	91,507

**1st Quarter 2021 Pre-Arranged Outages**

There were no pre-arranged outages in the PCL&P service territory during the first quarter of 2021.

§ 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**

Year	Quarter	Customers Served	Interruptions	Customers Affected	Customer Minutes of Interruptions
2020	2nd Qtr.	4,844	59	2,911	466,968
2020	3rd Qtr.	4,849	61	2,801	518,046
2020	4th Qtr.	5,227	55	2,356	432,428
2021	1st Qtr.	4,778	54	2,502	424,925

**Performance Ratios - Rolling 12-Month Data**

	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
2020	2nd Qtr.	.60	160	96
2020	3rd Qtr.	.58	185	107
2020	4th Qtr.	.45	184	83
2021	1st Qtr.	.52	170	89

§ 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.

Cause	Number of Interruptions		Customers Affected		Customer Minutes of Interruption	
	12- Month	% of Total	12- Month	% of Total	12- Month	% of Total
Animal Contact	5	9.3%	120	4.8%	14,984	3.53%
Tree Contact	29	53.7%	1,645	65.7%	330,498	77.78%
Overload	0	0.0%	0	0.0%	0	0.00%
Work Error	1	1.9%	111	4.4%	7,880	1.85%
Equip. Failure	8	14.8%	118	4.7%	26,027	6.13%
Non-Comp Acc.	2	3.7%	27	1.1%	1,219	0.29%
Customer Problem	0	0.0%	0	0.0%	0	0.00%
Lightning	0	0.0%	0	0.0%	0	0.00%
Loss of Feed	4	7.4%	334	13.3%	29,821	7.02%
Unknown-Other	5	9.3%	147	5.9%	14,496	3.41%
All Causes	54		2,502		424,925	

## VERIFICATION

I, Steven L. Grandinali, General Manager of Pike County Light and Power Company, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).



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Steven L. Grandinali  
General Manager  
Pike County Light and Power Company

Dated: May 11, 2021

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served a true and correct 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) and the Commission's March 26, 2020 COVID-19 Suspension Emergency Order.

**VIA ELECTRONIC MAIL ONLY**

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

DATED: May 11, 2021