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August 10, 2020

***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; **2020  
SECOND QUARTER QUARTERLY ELECTRIC RELIABILITY REPORT  
FOR PIKE COUNTY LIGHT & POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the 2020 Second 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

**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: August 10, 2020



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

Second Quarter 2020

**§ 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.**

**2nd Quarter 2020 Major Events**

There was one approved Major Event in the Pike County Light & Power Company (“PCL&P”) service territory during the second quarter of 2020.

On May 29, at 6:37 p.m., PCL&P received a call from a 911 operator stating that pole 39683/49754 was on fire. The employee on “stand-by” that evening arrived at the pole location to perform an initial damage assessment. It was determined that a broken crossarm allowed a 34.5kv primary conductor to make contact with the GOAB mounted on the same pole underneath the conductor. This caused tracking which ignited a fire on the pole top. In addition, the tracking resulted in a fault that triggered the protection scheme on that circuit. At 7:37 p.m. the circuit breaker at the O&R substation operated as designed; it tripped open and then automatically closed causing the PCL&P device to automatically open and remained open.

<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>
5/29/2020	7:37 PM	116-4-34	Equipment Failure	180	2,670	480,600

**2nd Quarter 2020 Pre-Arranged Outages**

There were no Pre-Arranged outages in the Pike County Light & Power Company (“PCL&P”) service territory during the second quarter of 2020.

§ 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
2019	3rd Qtr.	4,839	39	1,582	309,874
2019	4th Qtr.	4,819	42	1,870	331,335
2020	1st Qtr.	4,834	50	2,189	362,880
2020	2nd Qtr.	4,844	59	2,911	466,968

**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
2019	3rd Qtr.	.33	196	64
2019	4th Qtr.	.39	177	69
2020	1st Qtr.	.45	166	75
2020	2nd Qtr.	.60	160	96

§ 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	6	8.45%	180	6.18%	19,835	4.25%
Tree Contact	29	47.89%	1,571	53.97%	250,432	53.63%
Overload	1	1.41%	87	2.99%	23,055	4.94%
Work Error	0	0.00%	0	0.00%	0	0.00%
Equip. Failure	7	12.68%	244	8.38%	34,482	7.38%
Non-Comp Acc.	4	9.86%	83	2.85%	17,863	3.83%
Customer Problem	0	0.00%	0	0.00%	0	0.00%
Lightning	2	2.82%	126	4.33%	12,456	2.67%
Loss of Feed	2	2.82%	38	1.31%	40,470	8.67%
Unknown-Other	8	14.08%	582	19.99%	68,375	14.64%
All Causes	59		2,911		466,968	