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November 6, 2018

**VIA HAND-DELIVERY**

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

M-2016-2522508

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Re: Pike County Light and Power Company; **THIRD QUARTER 2018  
QUARTERLY RELIABILITY REPORT FOR PIKE COUNTY LIGHT  
& POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the Third Quarter 2018 Quarterly Reliability Report of Pike County Light & Power Company.

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

Very truly yours,

*Whitney E. Snyder /das*

Thomas J. Sniscak  
Whitney E. Snyder

WES/das  
Enclosure

cc: Steven L. Grandinali, General Manager  
Daniel Searforce, Bureau of Technical Utility Services (via e-mail and U.S. Mail)  
David Washko, Bureau of Technical Utility Services (via e-mail and U.S. Mail)  
Office of Consumer Advocate (via U.S. Mail)  
Office of Small Business Advocate (via U.S. Mail)  
Bureau of Investigation and Enforcement (via U.S. Mail)



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

Third Quarter 2018

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**§ 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.**

**3rd Quarter 2018 Major Events**

One Major Event occurred during the third quarter of 2018. Please see below for details:

At 3:44 p.m. on Thursday September 6, 2018, the O&R control room received a notification from its SCADA system that breaker 7-6-2K in its Port Jarvis Substation had tripped opened and locked out. The breaker feeds PCL&P's Line 7 that runs along Route 209 from Matamoros to Milford. The reported weather conditions in the area at that time were of lightning and rain.

The lightning storm that passed through the service territory left several damaged locations in its wake. Over 100 lightning strikes were documented in the area. Damage to equipment included: a pole top recloser, three separate overhead 3 phase banks, multiple overhead primary conductors off poles, a shattered pole top and an underground transformer.

**3rd Quarter 2018 Pre-Arranged Outages**

There were no pre-arranged outages in the Pike County Light & Power Company ("PCL&P") service territory during the third quarter of 2018.

**§ 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
2017	4th Qtr.	4,648	60	2,570	475,003
2018	1st Qtr.	4,763	47	3,533	476,953
2018	2nd Qtr.	4,810	39	3,298	621,926
2018	3rd Qtr.	4,806	47	3,811	907,242

**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
2017	4th Qtr.	.55	185	102
2018	1st Qtr.	.74	135	100
2018	2nd Qtr.	.69	189	129
2018	3rd Qtr.	.79	238	189

§ 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	10.64%	139	3.65%	33,723	3.72%
Tree Contact	20	42.55%	1,171	30.73%	414,531	45.69%
Overload	0	0.00%	0	0.00%	0	0.00%
Work Error	0	0.00%	0	0.00%	0	0.00%
Equip. Failure	8	17.02%	1,814	47.60%	269,933	29.75%
Non-Comp Acc.	4	8.51%	112	2.94%	15,763	1.74%
Customer Problem	0	0.00%	0	0.00%	0	0.00%
Lightning	4	8.51%	232	6.09%	65,217	7.19%
Loss of Feed	4	8.51%	210	5.51%	86,866	9.57%
Unknown-Other	2	4.26%	133	3.49%	21,209	2.34%
All Causes	47		3,811		907,242	

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