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August 16, 2018 M-2016-2522508

**VIA HAND-DELIVERY**

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

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2018 AUG 16 PM 3:26  
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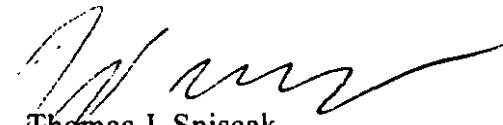
Re: Pike County Light and Power Company; **FIRST QUARTER 2018  
QUARTERLY RELIABILITY REPORT FOR PIKE COUNTY LIGHT  
& POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the First 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,



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**

**First 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.**

**1st Quarter 2018 Major Events**

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

Winter Storm Reilly resulted in severe, wet, heavy snow fall, causing trees to explode and fall to the ground, compounded by strong high sustained wind speeds and gust causing trees of large diameter and exceptional tall heights to up root; taking down numerous poles, spans primary, secondary and service conductors, and damaging numerous pole top transformers.

The event caused 318 outages affecting 2,101 customers. Outages began on March 2 at 10:47 AM and were fully restored by March 13<sup>th</sup> at 11:10AM.

**1st Quarter 2018 Pre-Arranged Outages**

<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>
2/6/18	10:49 PM	L7-6-34	Replace OH Transformer	218	1	218

§ 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	2nd Qtr.	4,655	62	2,622	526,899
2017	3rd Qtr.	4,648	58	2,350	392,287
2017	4th Qtr.	4,648	60	2,570	475,003
2018	1st Qtr.	4,763	47	3,533	476,953

**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

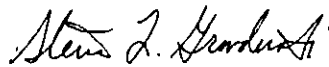
Year	Quarter	Frequency SAIFI	Restoration CAIDI	Duration SAIDI
2017	2nd Qtr.	.56	201	113
2017	3rd Qtr.	.51	167	84
2017	4th Qtr.	.55	185	102
2018	1st Qtr.	.74	135	100

§ 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	12.77%	137	3.88%	30,030	6.30%
Tree Contact	17	36.17%	1,185	33.54%	115,013	24.11%
Overload	0	0.00%	0	0.00%	0	0.00%
Work Error	0	0.00%	0	0.00%	0	0.00%
Equip. Failure	15	31.91%	1,921	54.37%	276,465	57.96%
Non-Comp Acc.	3	6.38%	4	0.11%	3,127	0.66%
Customer Problem	0	0.00%	0	0.00%	0	0.00%
Lightning	3	6.38%	174	4.92%	31,414	6.59%
Unknown-Other	3	6.38%	112	3.17%	20,904	4.38%
All Causes	47		3,533		476,953	

## 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

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