

Pike County Light & Power Co.

Pike County Light & Power Co.
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January 22, 2016

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SECRETARY'S BUREAU

VIA REGULAR MAIL

Honorable Rosemary Chiavetta
Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, Pennsylvania 17105-3265

M-2016-2522508

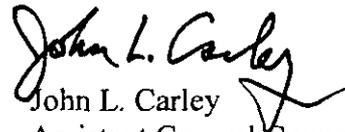
Re: Fourth Quarter 2015 Quarterly Reliability Report for Pike County Light & Power Company

Dear Secretary Chiavetta:

Pike County Light & Power Company hereby submits its Fourth Quarter 2015 Reliability Report as required by the Commission's regulations, i.e., 52 PA. Administrative Code Section 57.195(e).

Any follow-up questions regarding this matter should be addressed to Mr. Brian Nugent at 845-577-3691 or nugentb@oru.com.

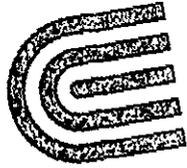
Very truly yours,


John L. Carley
Assistant General Counsel

Enclosure

c: Office of the Consumer Advocate
555 Walnut Street
Harrisburg, PA 17101

Office of Small Business Advocate
300 N. Second Street, Suite 1102
Harrisburg, PA 17101



Orange & Rockland

Pike County Light & Power Company Quarterly Reliability Report

Fourth Quarter 2015

M-2016-2522508

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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.

4th Quarter 2015 Major Events

No major event has been approved in the Pike County Light & Power Company ("PCL&P") service territory during the fourth quarter of 2015.

PCL&P would note that a decision by the Pennsylvania Public Utility Commission ("Commission") is pending on a Major Event submission, summarized below, that PCL&P submitted during the first quarter of 2016.

| Date | Time | Circuit | Cause | Duration (minutes) | Customers Affected | Customer Minutes of Interruptions |
|-----------|------|---------|-------------------|--------------------|--------------------|-----------------------------------|
| 12/5/2015 | 1920 | L7-6-34 | Equipment Failure | 325.3 | 4540 | 1,476,882 |

December 5, 2015

At approximately 1920 hours on December 5, 2015, a 69 kV transmission strain bus (i.e., a flexible, stranded conductor which is strung between substation metal structures and held by suspension-type insulators) in the Shoemaker Substation in Middletown, NY experienced a mechanical failure. The failed bus conductor swung downward, first making contact with a ground point and then (almost simultaneously) with another 69 kV bus. These points of contact resulted in the operation of bus differential relays for both busses within the Shoemaker 69 kV yard and the complete loss of transmission service out of the station.

This event resulted in the extended loss of 13 distribution substations fed from the Shoemaker Substation and two additional substations tied to the Shoemaker Substation through the transmission system, including those that feed PCL&P's customers. Weather conditions at the time were clear and cool (40° F).

4th Quarter 2015 Pre-Arranged Outages

| Date | Time | Circuit | Cause | Duration (minutes) | Customers Affected | Customer Minutes of Interruptions |
|-------------|-------------|----------------|------------------------|-------------------------------|-------------------------------|--|
| 10/1/2015 | 11:40 | 104-3-13 | Transformer upgrade | 55 | 9 | 495 |
| 12/8/2015 | 13:32 | L7-6-34 | Pole Replacement | 153 | 1 | 153 |
| 12/10/2015 | 9:34 | L7-6-34 | Pole Replacement | 370 | 1 | 370 |

§ 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 |
|-------|----------------------|------------------|---------------|--------------------|-----------------------------------|
| 2015 | 1st Qtr. | 4,513 | 67 | 5,190 | 539,050 |
| 2015 | 2nd Qtr. | 4,519 | 63 | 2,118 | 421,583 |
| 2015 | 3 rd Qtr. | 4,525 | 59 | 1,765 | 347,952 |
| 2015 | 4 th Qtr. | 4,540 | 63 | 6,302 | 1,838,914 |
| 2015* | 4 th Qtr. | 4,540 | 62 | 1,762 | 362,032 |

**Pending approval of Exclusion of Major Event occurring December 5, 2015*

Performance Ratios - Rolling 12-Month Data

| | Frequency SAIFI | Restoration CAIDI (min) | Duration SAIDI (min) |
|---------------------------|-----------------|-------------------------|----------------------|
| Benchmark | 0.61 | 174 | 106 |
| Rolling 12 Month Standard | 0.83 | 235 | 195 |

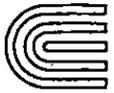
| Year | Quarter | Frequency SAIFI | Restoration CAIDI | Duration SAIDI |
|-------|----------------------|-----------------|-------------------|----------------|
| 2015 | 1 st Qtr. | 1.15 | 104 | 119 |
| 2015 | 2 nd Qtr. | .47 | 199 | 93 |
| 2015 | 3 rd Qtr. | .39 | 197 | 77 |
| 2015 | 4 th Qtr. | 1.39 | 292 | 406 |
| 2015* | 4 th Qtr. | .38 | 205 | 78 |

**Pending approval of Exclusion of Major Event occurring December 5, 2015*

§ 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.

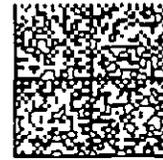
| Cause | Number of Interruptions | | Customers Affected | | Customer Minutes of Interruption | |
|------------------|-------------------------|------------|--------------------|------------|----------------------------------|------------|
| | 12- Month | % of Total | 12- Month | % of Total | 12- Month | % of Total |
| Animal Contact | 7 | 11.1% | 176 | 2.8% | 11,471 | .6% |
| Tree Contact | 22 | 34.9% | 595 | 9.4% | 177,379 | 9.6% |
| Overload | 0 | .0% | 0 | .0% | 0 | .0% |
| Work Error | 1 | 1.6% | 2 | .0% | 454 | .0% |
| Equip. Failure | 24 | 38.1% | 5,268 | 83.6% | 1,616,830 | 87.9% |
| Non-Comp Acc. | 1 | 1.6% | 2 | .0% | 880 | .0% |
| Customer Problem | 0 | .0% | 0 | .0% | 0 | .0% |
| Lightning | 1 | 1.6% | 18 | .3% | 504 | .0% |
| Unknown-Other | 7 | 11.1% | 241 | 3.8% | 31,396 | 1.7% |
| All Causes | 63 | 100.0% | 6,302 | 100.0% | 1,838,914 | 100.0% |

| 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 | 11.3% | 176 | 10.0% | 11,471 | 3.2% |
| Tree Contact | 22 | 35.5% | 595 | 33.8% | 177,379 | 49.0% |
| Overload | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Work Error | 1 | 1.6% | 2 | 0.1% | 454 | 0.1% |
| Equip. Failure | 23 | 37.1% | 728 | 41.3% | 139,948 | 38.7% |
| Non-Comp Acc. | 1 | 1.6% | 2 | 0.1% | 880 | 0.2% |
| Customer Problem | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Lightning | 1 | 1.6% | 18 | 1.0% | 504 | 0.1% |
| Unknown-Other | 7 | 11.3% | 241 | 13.7% | 31,396 | 8.7% |
| All Causes | 62 | 100.0% | 1,762 | 100.0% | 362,032 | 100.0% |



ConEdison
ConEdison, inc. company

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Law Dept. Rm 1815S



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Secretary
Commonwealth of Pennsylvania
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