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January 27, 2023

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; **2022
FOURTH QUARTER QUARTERLY ELECTRIC RELIABILITY REPORT
FOR PIKE COUNTY LIGHT & POWER COMPANY**

Dear Secretary Chiavetta:

Enclosed for filing with the Commission is the 2022 Fourth Quarter Quarterly Electric Reliability Report of Pike County Light & Power Company.

Should you have any questions regarding this filing, please contact me.

Very truly yours,

/s/ Whitney E. Snyder

Thomas J. Sniscak
Whitney E. Snyder

WES/das
Enclosure

cc: Ed Verbraak, PCLP



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

Fourth Quarter 2022

§ 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 2022 Major Events

There were no approved Major Events in the Pike County Light & Power Company (“PCL&P”) service territory during the fourth quarter of 2022.

4th Quarter 2022 Pre-Arranged Outages

There were two pre-arranged outages in the PCL&P service territory during the fourth quarter of 2022.

| Date | Time | Circuit | Cause | Duration (minutes) | Customers Affected | Customer Minutes of Interruptions |
|-------------|-------------|----------------|--------------|---------------------------|---------------------------|--|
| 10/13/22 | 9:40 a.m. | 116-4-34 | Planned | 80 | 115 | 2,930 |
| 11/15/22 | 8:30 a.m. | 116-4-34 | Planned | 120 | 60 | 7,200 |

§ 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 |
|------|----------|------------------|---------------|--------------------|-----------------------------------|
| 2022 | 1st Qtr. | 4,924 | 63 | 6,696 | 1,059,038 |
| 2022 | 2nd Qtr. | 5,121 | 62 | 5,256 | 961,247 |
| 2022 | 3rd Qtr. | 5,167 | 72 | 3,211 | 439,053 |
| 2022 | 4th Qtr. | 5,299 | 63 | 2,646 | 420,975 |

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 |
|------|----------|-----------------|-------------------|----------------|
| 2022 | 1st Qtr. | 1.36 | 158 | 215 |
| 2022 | 2nd Qtr. | 1.03 | 183 | 188 |
| 2022 | 3rd Qtr. | 0.62 | 137 | 85 |
| 2022 | 4th Qtr. | 0.50 | 159 | 79 |

§ 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 | 9.5% | 99 | 3.7% | 4,979 | 1.2% |
| Tree Contact | 22 | 34.9% | 1,325 | 50.1% | 239,263 | 56.8% |
| Overload | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Work Error | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Equip. Failure | 19 | 30.2% | 715 | 27.0% | 126,922 | 30.1% |
| Non-Comp Acc. | 2 | 3.2% | 26 | 1.0% | 2,405 | 0.6% |
| Customer Problem | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Lightning | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| Loss of Feed | 3 | 4.8% | 54 | 2.0% | 11,232 | 2.7% |
| Unknown-Other | 11 | 17.5% | 427 | 16.1% | 36,174 | 8.6% |
| All Causes | 63 | | 2,646 | | 420,975 | |

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true 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).

VIA ELECTRONIC MAIL ONLY

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

DATED: January 27, 2023