



peco<sup>SM</sup>

AN EXELON COMPANY

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May 1, 2023

**VIA E-FILING**

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

**Re: PECO 2023 First Quarter Reliability Report PUC Docket No. M-2016-2522508**

Dear Secretary Chiavetta:

Enclosed is PECO's 2023 Quarterly Reliability Report for the period ending March 31, 2023 submitted pursuant to the Electric Service Reliability Regulations at 52 Pa. Code Chapter 57.

Because portions of the report contain sensitive and proprietary, PECO is filing two versions of the report, one public and one proprietary. PECO requests that the proprietary report, which has been separated and clearly marked with a "Confidential" header on each page, be kept confidential, pursuant to the Commission Order of March 20, 2006.

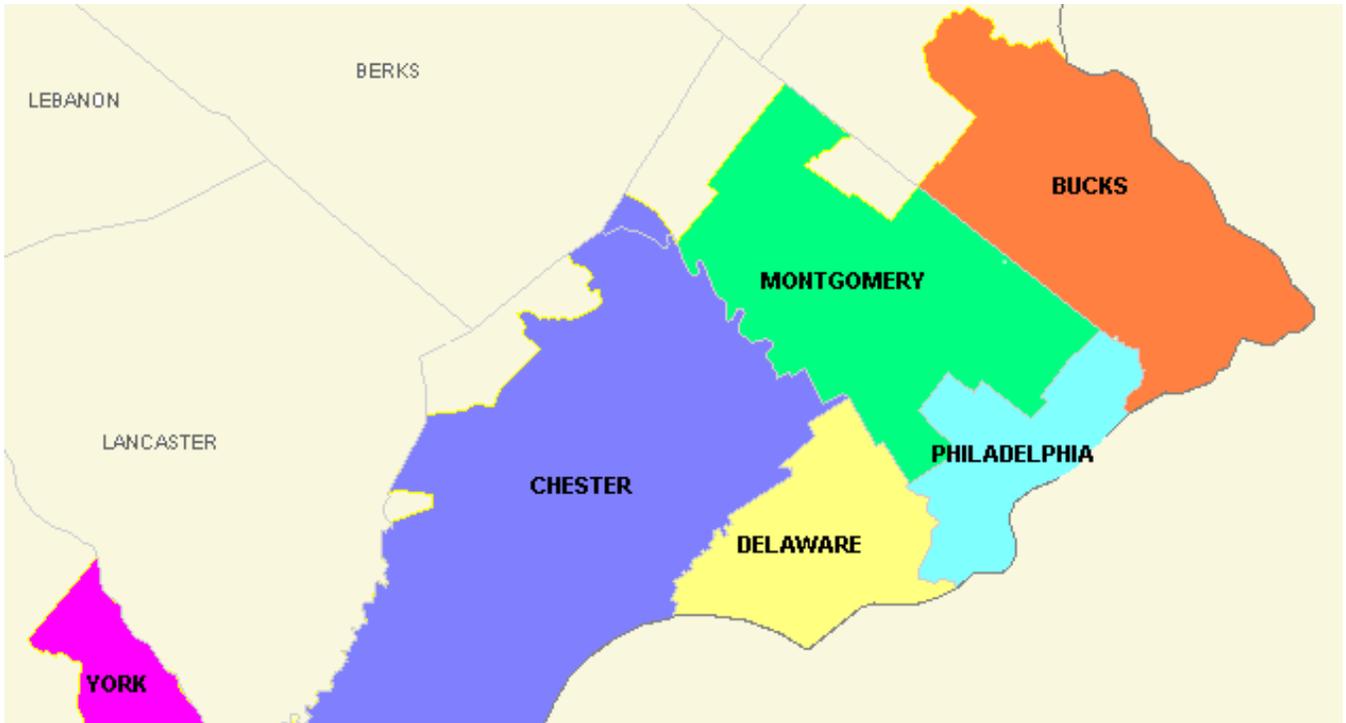
Thank you for your assistance in this matter and please direct any questions regarding the above to Megan McDevitt, Manager, Retail Rates at 267-533-1942 or via email: [megan.mcdevitt@exeloncorp.com](mailto:megan.mcdevitt@exeloncorp.com).

Sincerely,

Enclosure

Cc: John Van Zant (via email only)  
Dan Searfoorce (via email only)  
Harry R. Bidelspach (via email only)  
Office of Consumer Advocate (via email only)  
Office of Small Business Advocate (via email only)

# PECO Energy Company Quarterly Reliability Report For Period Ending March 31, 2023



**April 30, 2023**

**PECO Energy (“PECO”)**

**Quarterly Reliability Report for the Period Ending March 31, 2023 filed with the Pennsylvania Public Utility Commission.**

*Submitted per Rulemaking Re: Amending Electric Service, Docket No. M-2016-2522508 Reliability Regulations at 52 Pa.Code Chapter 57*

**Section 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.”*

In the first quarter of 2023, PECO experienced no events that qualified as major events under Pa. Code § 57.192, which specifies that a minimum of 10% of customers must be affected for the event to qualify.

**Section 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.”*

| PECO Customers | Sustained Customer Interruptions | Sustained Customer Hours | Momentary Customer Interruptions | Sustained Customer Minutes | SAIFI | CAIDI | SAIDI | MAIFI |
|----------------|----------------------------------|--------------------------|----------------------------------|----------------------------|-------|-------|-------|-------|
| 1,685,629      | 1,052,069                        | 1,654,078                | 1,115,843                        | 99,244,699                 | 0.62  | 94    | 59    | 0.66  |

Data reflects 12 months ending 03/31/2023.

| PECO Benchmarks and Rolling 12-Month Standards |       |       |       |       |
|--|-------|-------|-------|-------|
|  | SAIFI | CAIDI | SAIDI | MAIFI |
| Benchmark                                      | 1.23  | 112   | 138   | N/A   |
| Rolling 12-Month Standard                      | 1.48  | 134   | 198   | N/A   |

SAIFI, CAIDI, and SAIDI are all below their Benchmarks and below their Standards. Benchmarks and Standards were established on May 7, 2004. No Benchmark or Standard was established for MAIFI.

**Section 57.195(e)(3)** *“Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) and other pertinent information such as customers served, number of interruptions, customer minutes interrupted, number of lockouts, and so forth, for the worst performing 5% of the circuits in the system. An explanation of how the EDC defines its worst performing circuits shall be included.”*

PECO’s worst performing 5% circuits were selected based on a weighted score combining customer interruptions, customer hours, SAIFI, SAIDI, and CEMI (Customers Experiencing Multiple Interruptions), due to outages on each circuit in a 12- month period. This measure is oriented toward contributions to system SAIFI, SAIDI and CAIDI, and local areas with high outage frequency or duration. In addition, circuits with a history of repeat appearance on worst performing lists were selectively included in the 5% list. Worst circuits and the rolling 12-month reliability index values requested are shown in Appendix A.

**Section 57.195(e)(4)** *“Specific remedial efforts taken and planned for the worst performing 5% of the circuits as identified in paragraph (3).”*

Remedial efforts taken or planned to date for PECO’s worst performing 5% of circuits are shown in Appendix B.

**Section 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 included.”*

| 12 Months Ending March 31, 2023 |                 |                      |                        |                             |                  |
|---------------------------------|-----------------|----------------------|------------------------|-----------------------------|------------------|
| Cause                           | Service Outages | % of Service Outages | Customer Interruptions | % of Customer Interruptions | Customer Minutes |
| Animal                          | 1,248           | 11.2%                | 30,195                 | 2.9%                        | 1,783,437        |
| Contact/Dig-In                  | 144             | 1.3%                 | 18,725                 | 1.8%                        | 1,479,319        |
| Equipment Failure               | 4,424           | 39.9%                | 402,600                | 38.3%                       | 36,139,131       |
| Lightning                       | 198             | 1.8%                 | 24,623                 | 2.3%                        | 2,316,505        |
| Other                           | 446             | 4.0%                 | 55,718                 | 5.3%                        | 3,229,669        |
| T&S                             | 17              | 0.2%                 | 21,286                 | 2.0%                        | 946,250          |
| Unknown                         | 343             | 3.1%                 | 57,273                 | 5.4%                        | 2,783,436        |
| Vegetation-Broken/Uprooted      | 3,447           | 31.1%                | 357,813                | 34.0%                       | 41,696,248       |
| Vegetation-Ingrowth             | 418             | 3.8%                 | 29,336                 | 2.8%                        | 4,101,699        |
| Vehicles                        | 413             | 3.7%                 | 54,500                 | 5.2%                        | 4,769,005        |

\*The data supplied is the number of interrupted customers for each interruption event summed for all events, also known as customer interruptions. A customer interrupted by three separate trouble cases represents three customer interruptions, but only one customer interrupted.

The largest contributors to customer interruptions were equipment failure and tree-related interruptions. The leading groups within the equipment failure category were aerial equipment and underground equipment. Outages due to equipment and trees are being addressed through PECO’s Long-term Infrastructure Improvement Plans and other reliability programs. Most customer interruptions caused by trees came from broken branches and tree trunks or uprooted trees (34.0% of all customer interruptions), as opposed to ingrowth (2.8% of all outage customer interruptions). PECO continues to address ash tree failures caused by emerald ash borers (invasive insects that cause ash tree deaths) with a vegetation management program to mitigate the threat to its facilities and customer reliability.

**Section 57.195(e)(6).** *“Quarterly and year to date information on progress toward meeting transmission and distribution inspection and maintenance goals /objectives” (For First, Second and Third Quarter reports only).”*

| Predictive and Preventive Maintenance Program – status as of 3/31/2023  |                               |          |           |          |                    |
|---|-------------------------------|----------|-----------|----------|--------------------|
|   | 1 <sup>st</sup> Quarter Tasks |          | YTD Tasks |          | 2023 Total Planned |
|   | Planned                       | Complete | Planned   | Complete |                    |
| Recloser Inspections<br>(Number of reclosers inspected)   | 126                           | 291      | 126       | 291      | 460                |
| Circuit Patrol & Thermography<br>(Number of circuits patrolled)   | 287                           | 369      | 970       | 932      | 969                |
| Pole Inspections<br>(Number of poles visually inspected)  | 12,800                        | 13,918   | 12,800    | 13,918   | 34,000             |
| Padmount Transformers<br>(Number of transformers visually inspected)  | 1,376                         | 1,022    | 1,376     | 1,022    | 6,666              |
| Below Ground Transformers<br>(Number of transformers visually inspected)  | 337                           | 231      | 337       | 231      | 1,234              |
| Substations<br>(Number of substations inspections performed (e.g. visual inspection, reading of currents, voltages, temperature etc.) for a variety of substation components)           | 343                           | 346      | 343       | 346      | 1,370              |
| Unit Substations<br>(Number of unit substations inspections performed (e.g. visual inspection, reading of currents, voltages, temperature etc.) for a variety of substation components) | 696                           | 743      | 696       | 743      | 2,780              |

| Vegetation Management Preventive Maintenance Program – status as of 3/31/2023 |                               |          |           |          |                    |
|---|-------------------------------|----------|-----------|----------|--------------------|
|   | 1 <sup>st</sup> Quarter Miles |          | YTD Miles |          | 2023 Total Planned |
|   | Planned                       | Complete | Planned   | Complete |                    |
| Distribution Lift and Manual Trimming   | 706                           | 872      | 706       | 872      | 2,824              |
| Transmission Trimming and Removals  | 52                            | 51       | 52        | 51       | 198                |

PECO’s additional completed miles YTD under its vegetation distribution preventive maintenance are due to accelerated maintenance.

**Section 57.195(e)(7).** *“Quarterly and year-to-date information on budgeted versus actual transmission and distribution operation and maintenance expenditures in total and detailed by the EDC’S own functional account code or FERC account code as available.” (For first, second and third quarter reports only.)*

| \$Millions               | Budgeted 1 <sup>st</sup> Quarter | Actual 1 <sup>st</sup> Quarter | Budgeted Year-to-Date | Actual Year-to-Date |
|--------------------------|----------------------------------|--------------------------------|-----------------------|---------------------|
| New Business Connections | \$1.0                            | \$1.1                          | \$1.0                 | \$1.1               |
| Capacity Expansion       | \$0.1                            | \$0.1                          | \$0.1                 | \$0.1               |
| System Performance       | \$19.1                           | \$21.6                         | \$19.1                | \$21.6              |
| Facility Relocation      | \$0.2                            | \$0.2                          | \$0.2                 | \$0.2               |
| Maintenance              | \$49.2                           | \$58.7                         | \$49.2                | \$58.7              |
| Total                    | \$69.7                           | \$81.7                         | \$69.7                | \$81.7              |

**Section 57.195(e)(8).** *“Quarterly and year-to-date information on budgeted versus actual transmission and distribution capital expenditures in total and detailed by the EDC’S own functional account code or FERC account code as available.” (For first, second and third quarter reports only.)*

| \$Millions               | Budgeted 1 <sup>st</sup> Quarter | Actual 1 <sup>st</sup> Quarter | Budgeted Year-to-Date | Actual Year-to-Date |
|--------------------------|----------------------------------|--------------------------------|-----------------------|---------------------|
| New Business Connections | \$16.7                           | \$24.9                         | \$16.7                | \$24.9              |
| Capacity Expansion       | \$9.5                            | \$4.0                          | \$9.5                 | \$4.0               |
| System Performance       | \$114.8                          | \$150.2                        | \$114.8               | \$150.2             |
| Facility Relocation      | \$5.1                            | \$5.8                          | \$5.1                 | \$5.8               |
| Maintenance              | \$34.3                           | \$39.7                         | \$34.3                | \$39.7              |
| Total                    | \$180.4                          | \$224.6                        | \$180.4               | \$224.6             |

**Section 57.195(e)(9).** *“Dedicated staffing levels for transmission and distribution operation and maintenance at the end of the quarter, in total and by specific category (e.g., lineman, technician and electrician).”*

PECO’s full-time trade staff as of March 31, 2023 was as follows:

|  |     |
|--|-----|
| Aerial Lineman                                 | 419 |
| Underground Lineman (Include UTS)              | 67  |
| Transmission / Substation Mechanics, Operators | 112 |
| Energy Technicians                             | 85  |
| Aerial Foreman                                 | 78  |
| Underground Foreman                            | 17  |
| Transmission / Substation Foreman              | 45  |
| ET Foreman                                     | 8   |
| Total  | 831 |

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**Appendix A**  
**Rolling 12- month reliability index values for 5% worst performing circuits**

| CIRCUIT         | CUSTOMERS ON CIRCUIT | 12 Month Rolling Circuit SAIFI | 12 Month Rolling Circuit CAIDI | 12 Month Rolling Circuit SAIDI | 12 Month Rolling Circuit MAIFI | 12 Month Rolling Customers Interrupted | 12 Month Rolling Customer Hours | 12 Month Rolling Momentary Customers Interrupted |
|-----------------|----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|---------------------------------|--|
| ABINGTON_005    | 432                  | 1.23                           | 27                             | 33                             | 0.36                           | 532                                    | 240                             | 157  |
| AIRY_004        | 663                  | 0.00                           | 0                              | 0                              | 0.00                           | 0                                      | 0                               | 0  |
| AQUE_000        | 232                  | 6.50                           | 180                            | 1166                           | 1.41                           | 1507                                   | 4509                            | 328  |
| BACTON_000      | 237                  | 5.70                           | 216                            | 1233                           | 1.56                           | 1351                                   | 4872                            | 370  |
| BLUE_GRASS_131  | 1740                 | 1.33                           | 96                             | 127                            | 1.96                           | 2306                                   | 3688                            | 3402   |
| BLUE_GRASS_142  | 1503                 | 0.53                           | 31                             | 16                             | 0.55                           | 800                                    | 412                             | 828  |
| BRADFORD_341    | 1292                 | 0.66                           | 116                            | 76                             | 2.11                           | 849                                    | 1643                            | 2729   |
| BRADFORD_342    | 2332                 | 0.46                           | 104                            | 48                             | 0.11                           | 1069                                   | 1851                            | 259  |
| BRYN_MAWR_131   | 892                  | 1.67                           | 57                             | 95                             | 1.35                           | 1489                                   | 1408                            | 1206   |
| BUCK_000        | 371                  | 0.38                           | 150                            | 57                             | 0.04                           | 140                                    | 350                             | 16   |
| BUCKINGHAM_342  | 3116                 | 2.40                           | 80                             | 192                            | 2.78                           | 7474                                   | 9959                            | 8662   |
| BUCKINGHAM_352  | 2697                 | 1.03                           | 26                             | 26                             | 1.45                           | 2783                                   | 1187                            | 3917   |
| BUCKINGHAM_372  | 1125                 | 1.82                           | 178                            | 324                            | 2.24                           | 2044                                   | 6077                            | 2525   |
| BURHOLME_134    | 483                  | 0.00                           | 0                              | 0                              | 0.00                           | 0                                      | 0                               | 0  |
| BYBERRY_136     | 840                  | 0.96                           | 83                             | 80                             | 1.19                           | 809                                    | 1120                            | 1002   |
| CEDARBROOK_131  | 1019                 | 1.05                           | 87                             | 91                             | 0.59                           | 1070                                   | 1545                            | 597  |
| CHANDLER_000    | 404                  | 3.15                           | 57                             | 181                            | 5.41                           | 1272                                   | 1216                            | 2185   |
| CONCORD_351     | 2299                 | 2.84                           | 77                             | 219                            | 4.67                           | 6537                                   | 8387                            | 10730  |
| COUNTY_LINE_003 | 545                  | 0.11                           | 99                             | 11                             | 0.00                           | 58                                     | 96                              | 0  |
| CRUSHER_000     | 749                  | 3.89                           | 68                             | 264                            | 3.16                           | 2914                                   | 3294                            | 2370   |
| DILTOWN_005     | 345                  | 3.06                           | 59                             | 182                            | 1.11                           | 1057                                   | 1045                            | 382  |
| DOWNINGTOWN_004 | 758                  | 2.05                           | 32                             | 65                             | 1.03                           | 1556                                   | 827                             | 777  |
| DOWNINGTOWN_005 | 753                  | 2.10                           | 38                             | 80                             | 1.01                           | 1579                                   | 1002                            | 758  |
| DURHAM_003      | 563                  | 0.13                           | 179                            | 23                             | 0.00                           | 73                                     | 218                             | 1  |
| DUTTON_002      | 308                  | 0.05                           | 216                            | 10                             | 0.00                           | 14                                     | 50                              | 1  |
| EAGLE_342       | 3041                 | 1.53                           | 116                            | 178                            | 1.76                           | 4642                                   | 9004                            | 5358   |
| FOX_CHASE_138   | 887                  | 0.71                           | 60                             | 43                             | 0.39                           | 628                                    | 630                             | 348  |
| FOX_CHASE_141   | 1538                 | 0.61                           | 100                            | 61                             | 0.45                           | 937                                    | 1565                            | 689  |
| GARRETT_006     | 876                  | 2.01                           | 71                             | 143                            | 0.00                           | 1757                                   | 2081                            | 0  |
| GERMANTOWN_023  | 700                  | 2.31                           | 56                             | 129                            | 0.40                           | 1616                                   | 1507                            | 280  |
| GOSHEN_352      | 3343                 | 2.93                           | 112                            | 328                            | 1.83                           | 9792                                   | 18279                           | 6117   |
| HARTSVILLE_003  | 733                  | 0.00                           | 0                              | 0                              | 0.00                           | 0                                      | 0                               | 0  |
| HAYES_000       | 372                  | 2.11                           | 265                            | 561                            | 0.04                           | 786                                    | 3477                            | 14   |
| HEATON_169      | 1471                 | 0.09                           | 143                            | 14                             | 0.02                           | 139                                    | 332                             | 25   |
| JARRETT_133     | 1293                 | 1.21                           | 51                             | 62                             | 0.05                           | 1561                                   | 1335                            | 63   |
| JARRETT_142     | 917                  | 1.05                           | 82                             | 87                             | 0.36                           | 967                                    | 1326                            | 332  |
| JARRETT_144     | 1235                 | 0.74                           | 99                             | 74                             | 0.77                           | 920                                    | 1519                            | 953  |
| JENKINTOWN_131  | 1244                 | 0.93                           | 74                             | 69                             | 2.15                           | 1162                                   | 1430                            | 2669   |
| JENKINTOWN_133  | 1245                 | 1.66                           | 55                             | 92                             | 1.01                           | 2068                                   | 1912                            | 1258   |

| CIRCUIT           | CUSTOMERS ON CIRCUIT | 12 Month Rolling Circuit SAIFI | 12 Month Rolling Circuit CAIDI | 12 Month Rolling Circuit SAIDI | 12 Month Rolling Circuit MAIFI | 12 Month Rolling Customers Interrupted | 12 Month Rolling Customer Hours | 12 Month Rolling Momentary Customers Interrupted |
|-------------------|----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|---------------------------------|--|
| JENKINTOWN_139    | 965                  | 2.10                           | 143                            | 300                            | 1.88                           | 2023                                   | 4831                            | 1812   |
| KENNETT_SQUAR_006 | 434                  | 0.05                           | 389                            | 21                             | 2.08                           | 23                                     | 149                             | 903  |
| KEYS_001          | 575                  | 0.00                           | 0                              | 0                              | 0.00                           | 0                                      | 0                               | 0  |
| KIMBERTON_001     | 705                  | 0.52                           | 464                            | 240                            | 1.16                           | 365                                    | 2823                            | 815  |
| LANE_001          | 377                  | 5.56                           | 149                            | 827                            | 3.27                           | 2095                                   | 5196                            | 1233   |
| LANE_002          | 752                  | 3.22                           | 139                            | 448                            | 1.12                           | 2423                                   | 5613                            | 844  |
| LENAPE_342        | 1896                 | 0.98                           | 198                            | 194                            | 2.83                           | 1852                                   | 6117                            | 5360   |
| LENAPE_343        | 2330                 | 1.39                           | 82                             | 113                            | 4.32                           | 3233                                   | 4403                            | 10062  |
| LENAPE_351        | 1808                 | 1.33                           | 181                            | 241                            | 1.33                           | 2406                                   | 7252                            | 2406   |
| LEVITT_008        | 686                  | 1.82                           | 164                            | 299                            | 0.60                           | 1248                                   | 3418                            | 411  |
| LINE_104_00BY     | 3                    | 1.00                           | 338                            | 338                            | 0.00                           | 3                                      | 17                              | 0  |
| LINE_1300CR       | 2554                 | 3.11                           | 99                             | 308                            | 2.78                           | 7941                                   | 13107                           | 7107   |
| LINE_2100CR       | 1638                 | 1.03                           | 60                             | 62                             | 1.00                           | 1689                                   | 1689                            | 1630   |
| LINE_2675         | 624                  | 0.95                           | 52                             | 49                             | 0.00                           | 594                                    | 511                             | 1  |
| LINE_3344         | 621                  | 1.90                           | 183                            | 348                            | 0.12                           | 1180                                   | 3601                            | 75   |
| LINE_6000         | 14                   | 2.00                           | 370                            | 739                            | 2.79                           | 28                                     | 173                             | 39   |
| LINE_9600         | 453                  | 2.12                           | 165                            | 349                            | 1.00                           | 959                                    | 2633                            | 454  |
| LINFIELD_000      | 705                  | 5.33                           | 85                             | 451                            | 0.15                           | 3760                                   | 5304                            | 104  |
| LINTON_341        | 2719                 | 1.46                           | 124                            | 182                            | 2.91                           | 3983                                   | 8231                            | 7904   |
| LLANERCH_147      | 2310                 | 1.19                           | 53                             | 63                             | 3.74                           | 2745                                   | 2413                            | 8641   |
| LLANERCH_161      | 1199                 | 0.80                           | 174                            | 139                            | 0.60                           | 960                                    | 2787                            | 724  |
| LOGAN_002         | 836                  | 1.31                           | 72                             | 94                             | 0.01                           | 1097                                   | 1309                            | 6  |
| LOGAN_006         | 866                  | 1.46                           | 55                             | 80                             | 1.00                           | 1264                                   | 1160                            | 870  |
| LUZERNE_004       | 857                  | 1.01                           | 32                             | 33                             | 0.99                           | 867                                    | 465                             | 852  |
| LYNDELL_000       | 137                  | 4.94                           | 59                             | 293                            | 5.96                           | 677                                    | 669                             | 817  |
| MAIN_000          | 99                   | 1.05                           | 65                             | 69                             | 1.02                           | 104                                    | 113                             | 101  |
| MANOR_001         | 204                  | 3.06                           | 71                             | 217                            | 1.90                           | 624                                    | 738                             | 388  |
| MAPLE_HILL_000    | 626                  | 3.35                           | 336                            | 1127                           | 2.33                           | 2096                                   | 11754                           | 1460   |
| MASTER_142        | 821                  | 0.05                           | 50                             | 3                              | 0.00                           | 45                                     | 38                              | 1  |
| MATSON_131        | 760                  | 1.61                           | 62                             | 100                            | 9.36                           | 1223                                   | 1267                            | 7117   |
| MIDDLETOWN_349    | 2126                 | 3.35                           | 105                            | 350                            | 5.45                           | 7117                                   | 12417                           | 11597  |
| MIDDLETOWN_352    | 1854                 | 1.83                           | 100                            | 183                            | 0.57                           | 3390                                   | 5659                            | 1049   |
| MONROE_006        | 363                  | 2.78                           | 120                            | 333                            | 1.53                           | 1008                                   | 2017                            | 554  |
| MOON_003          | 593                  | 0.79                           | 64                             | 50                             | 0.15                           | 468                                    | 498                             | 88   |
| NESHAMINY_141     | 1219                 | 1.00                           | 18                             | 18                             | 0.26                           | 1218                                   | 375                             | 312  |
| NEWLINVILLE_342   | 1946                 | 2.19                           | 71                             | 154                            | 4.75                           | 4253                                   | 5006                            | 9234   |
| NEWLINVILLE_351   | 1552                 | 0.13                           | 192                            | 25                             | 2.43                           | 206                                    | 659                             | 3772   |
| NEWLINVILLE_352   | 2400                 | 0.79                           | 51                             | 40                             | 1.52                           | 1893                                   | 1609                            | 3657   |
| NEWLINVILLE_362   | 2745                 | 0.99                           | 107                            | 106                            | 3.56                           | 2715                                   | 4828                            | 9777   |
| NORTH_WALES_344   | 1429                 | 0.14                           | 50                             | 7                              | 1.69                           | 196                                    | 163                             | 2410   |
| OLIVE_001         | 904                  | 1.04                           | 58                             | 60                             | 0.03                           | 936                                    | 910                             | 23   |

| CIRCUIT              | CUSTOMERS ON CIRCUIT | 12 Month Rolling Circuit SAIFI | 12 Month Rolling Circuit CAIDI | 12 Month Rolling Circuit SAIDI | 12 Month Rolling Circuit MAIFI | 12 Month Rolling Customers Interrupted | 12 Month Rolling Customer Hours | 12 Month Rolling Momentary Customers Interrupted |
|----------------------|----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|---------------------------------|--|
| PAOLI_002            | 291                  | 1.38                           | 71                             | 98                             | 0.01                           | 401                                    | 475                             | 3  |
| PENLLYN_004          | 465                  | 2.02                           | 63                             | 128                            | 1.00                           | 940                                    | 994                             | 465  |
| PLYMOUTH_161         | 306                  | 0.18                           | 135                            | 25                             | 0.07                           | 56                                     | 126                             | 21   |
| POOLS_001            | 644                  | 2.46                           | 48                             | 119                            | 0.08                           | 1583                                   | 1272                            | 50   |
| POOLS_002            | 476                  | 3.59                           | 64                             | 230                            | 0.27                           | 1708                                   | 1823                            | 128  |
| PULASKI_012          | 268                  | 1.00                           | 42                             | 42                             | 0.03                           | 269                                    | 188                             | 9  |
| PULASKI_132          | 3739                 | 0.47                           | 38                             | 18                             | 0.03                           | 1760                                   | 1103                            | 114  |
| RICHMOND_143         | 2189                 | 1.21                           | 13                             | 16                             | 0.82                           | 2645                                   | 570                             | 1786   |
| RUSHLAND_000         | 424                  | 5.39                           | 80                             | 428                            | 0.05                           | 2284                                   | 3026                            | 23   |
| SLATE_000            | 142                  | 0.41                           | 386                            | 157                            | 0.00                           | 58                                     | 373                             | 0  |
| SOMERSET_007         | 686                  | 0.05                           | 6                              | 0                              | 0.00                           | 32                                     | 3                               | 0  |
| SPENCER_011          | 357                  | 0.00                           | 0                              | 0                              | 0.00                           | 0                                      | 0                               | 0  |
| STONY_001            | 398                  | 2.17                           | 113                            | 245                            | 2.01                           | 862                                    | 1626                            | 800  |
| TABOR_139            | 1722                 | 0.17                           | 177                            | 30                             | 0.00                           | 293                                    | 862                             | 3  |
| TANGUY_000           | 192                  | 2.04                           | 186                            | 379                            | 5.41                           | 392                                    | 1213                            | 1038   |
| THORNDALE_003        | 133                  | 0.00                           | 0                              | 0                              | 2.59                           | 0                                      | 0                               | 344  |
| UPPER_MERION_132     | 1133                 | 1.40                           | 79                             | 110                            | 1.99                           | 1585                                   | 2080                            | 2260   |
| UPPER_PROVIDENCE_351 | 2770                 | 0.75                           | 95                             | 72                             | 1.06                           | 2083                                   | 3304                            | 2933   |
| UWCHLAN_004          | 534                  | 0.98                           | 294                            | 288                            | 1.07                           | 523                                    | 2560                            | 570  |
| VAUGHN_002           | 621                  | 1.05                           | 423                            | 445                            | 1.19                           | 654                                    | 4610                            | 736  |
| WAGONTOWN_000        | 529                  | 4.47                           | 76                             | 339                            | 2.05                           | 2366                                   | 2991                            | 1084   |
| WARMINSTER_003       | 134                  | 1.96                           | 63                             | 124                            | 1.51                           | 263                                    | 276                             | 203  |
| WASHINGTON_SQ_002    | 387                  | 0.01                           | 399                            | 4                              | 0.00                           | 4                                      | 27                              | 0  |
| WASHINGTON_SQ_003    | 368                  | 0.10                           | 192                            | 20                             | 0.00                           | 38                                     | 122                             | 0  |
| WASHINGTON_SQ_005    | Retired              | Retired                        | Retired                        | Retired                        | Retired                        | Retired                                | Retired                         | Retired  |
| WAYNE_146            | 558                  | 0.18                           | 94                             | 17                             | 0.89                           | 101                                    | 158                             | 497  |
| WEST_BUCK_002        | 441                  | 1.86                           | 98                             | 183                            | 1.17                           | 821                                    | 1342                            | 518  |
| WEST_GROVE_001       | 507                  | 1.11                           | 86                             | 95                             | 0.00                           | 564                                    | 804                             | 0  |
| WESTTOWN_000         | 243                  | 2.75                           | 48                             | 132                            | 3.21                           | 668                                    | 534                             | 780  |
| WHITEMARSH_131       | 463                  | 1.06                           | 57                             | 60                             | 0.01                           | 489                                    | 466                             | 5  |
| WHITEMARSH_132       | 1822                 | 0.32                           | 66                             | 21                             | 0.18                           | 574                                    | 632                             | 322  |
| WHITEMARSH_141       | 1136                 | 0.66                           | 98                             | 65                             | 1.36                           | 753                                    | 1235                            | 1549   |
| WHITEMARSH_161       | 1317                 | 0.27                           | 87                             | 24                             | 0.55                           | 361                                    | 526                             | 723  |
| WINDRIM_001          | 629                  | 1.92                           | 46                             | 89                             | 0.00                           | 1205                                   | 933                             | 1  |

The data supplied is the number of interrupted customers for each interruption event summed for all events, also known as customer interruptions. If a customer is interrupted by three separate trouble cases, they represent three customer interruptions, but only one customer interrupted.

## Appendix B

Remedial efforts taken and planned for 5% worst performing circuits as of 03/31/2023

### **ABINGTON\_005**

*Montgomery County*

#### **Completed:**

Upgrade secondary

#### **Planned:**

Inspect circuit visually and with thermographic camera

### **AQUE\_000**

*Bucks County*

#### **Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Remedial efforts completed

### **BACTON\_000**

*Chester County*

#### **Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

#### **Planned:**

Relocate pole line

### **BLUE\_GRASS\_131**

*Philadelphia County*

#### **Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Remedial efforts completed

### **BLUE\_GRASS\_142**

*Philadelphia County*

#### **Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Remedial efforts completed

### **BRADFORD\_341**

*Chester County*

#### **Completed:**

Complete corrective reliability work orders

#### **Planned:**

Inspect circuit visually and with thermographic camera

### **BRADFORD\_342**

*Chester County*

#### **Completed:**

Complete corrective reliability work orders

#### **Planned:**

Inspect circuit visually and with thermographic camera

### **BRYN\_MAWR\_131**

*Delaware County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera  
Install new recloser

**BUCKINGHAM\_342**

*Bucks County*

**Completed:**

Complete corrective reliability work orders  
Install tree resistant wire

**Planned:**

Inspect circuit visually and with thermographic camera

**BUCK\_000**

*Chester County*

**Completed:**

Inspect selected areas of circuit for vegetation issues and correct as needed  
Install new fusing

**Planned:**

Inspect circuit visually and with thermographic camera

**BURHOLME\_134**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Remedial efforts completed

**BYBERRY\_136**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Remedial efforts completed

**CEDARBROOK\_131**

*Montgomery County*

**Planned:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera

**CHANDLER\_000**

*Chester County*

**Completed:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Remedial efforts completed

**CONCORD\_351**

*Delaware County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**COUNTY\_LINE\_003**

*Bucks County*

**Completed:**

Complete corrective reliability work orders  
Upgrade transformer

**Planned:**

Inspect circuit visually and with thermographic camera

**DILTOWN\_005**

*Chester County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera  
Upgrade primary

**DOWNINGTOWN\_004**

*Chester County*

**Completed:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Remedial efforts completed

**DOWNINGTOWN\_005**

*Chester County*

**Completed:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Remedial efforts completed

**DURHAM\_003**

*Bucks County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Upgrade transformer

**Planned:**

Inspect circuit visually and with thermographic camera

**DUTTON\_002**

*Delaware County*

**Planned:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera

**EAGLE\_342**

*Chester County*

**Completed:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Remedial efforts completed

**FOX\_CHASE\_138***Philadelphia County***Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Install animal protection
- Remedial efforts completed

**FOX\_CHASE\_141***Philadelphia County***Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Remedial efforts completed

**GARRETT\_006***Delaware County***Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Remedial efforts completed

**GERMANTOWN\_023***Philadelphia County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**GOSHEN\_352***Chester County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**HARTSVILLE\_003***Bucks County***Completed:**

- Inspect circuit visually and with thermographic camera

**Planned:**

- Install new fusing

**HAYES\_000***Chester County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**HEATON\_169***Montgomery County***Completed:**

- Complete corrective reliability work orders
- Inspect selected areas of circuit for vegetation issues and correct as needed
- Install animal protection

Upgrade fusing

**Planned:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Upgrade secondary

**JARRETT\_133**

*Montgomery County*

**Completed:**

Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**JARRETT\_142**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**JARRETT\_144**

*Montgomery County*

**Completed:**

Install new fusing  
Upgrade fusing

**Planned:**

Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera

**JENKINTOWN\_131**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Install animal protection  
Relocate pole line  
Upgrade secondary

**Planned:**

Inspect circuit visually and with thermographic camera

**JENKINTOWN\_133**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**JENKINTOWN\_139**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Install animal protection  
Upgrade secondary

**Planned:**

Inspect circuit visually and with thermographic camera

**KENNETT\_SQUAR\_006**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

Remedial efforts completed

**KEYS\_001**

*Bucks County*

**Completed:**

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

Install new fusing

Remedial efforts completed

**KIMBERTON\_001**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Remedial efforts completed

**LANE\_001**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

Remedial efforts completed

**LANE\_002**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Remedial efforts completed

**LENAPE\_342**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Install new fusing

**Planned:**

Inspect circuit visually and with thermographic camera

**LENAPE\_343**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**LENAPE\_351***Chester County***Completed:**

- Complete corrective reliability work orders
- Upgrade insulators

**Planned:**

- Inspect circuit visually and with thermographic camera

**LEVITT\_008***Bucks County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera
- Install new recloser
- Upgrade secondary

**LINE\_104\_00BY***Bucks County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera

**LINE\_1300CR***Chester County***Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Inspect selected areas of circuit for vegetation issues and correct as needed
- Remedial efforts completed

**LINE\_2100CR***Chester County***Completed:**

- Inspect circuit visually and with thermographic camera

**Planned:**

- Create breakdown between circuits

**LINE\_2675***Philadelphia County***Completed:**

- Complete corrective reliability work orders
- Install new fusing

**Planned:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera

**LINE\_3344***Delaware County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**LINE\_9600***Montgomery County***Planned:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera

**LINFIELD\_000***Chester County***Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

- Install new recloser

**LINTON\_341***Bucks County***Completed:**

- Complete corrective reliability work orders
- Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

- Inspect circuit visually and with thermographic camera

**LLANERCH\_147***Delaware County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**LLANERCH\_161***Delaware County***Completed:**

- Complete corrective reliability work orders
- Install new fusing
- Upgrade transformer

**Planned:**

- Inspect circuit visually and with thermographic camera

**LOGAN\_002***Philadelphia County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**LOGAN\_006***Philadelphia County***Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**LUZERNE\_004***Philadelphia County*

**Completed:**

- Complete corrective reliability work orders
- Upgrade fusing

**Planned:**

- Inspect circuit visually and with thermographic camera

**LYNDELL\_000**

*Chester County*

**Completed:**

- Inspect circuit visually and with thermographic camera

**Planned:**

- Upgrade primary

**MANOR\_001**

*Chester County*

**Completed:**

- Inspect circuit visually and with thermographic camera
- Install new fusing
- Remedial efforts completed

**MAPLE\_HILL\_000**

*Montgomery County*

**Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera

**Planned:**

- Complete corrective reliability work orders

**MASTER\_142**

*Philadelphia County*

**Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**MATSON\_131**

*Delaware County*

**Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Remedial efforts completed

**MIDDLETOWN\_349**

*Delaware County*

**Completed:**

- Complete corrective reliability work orders
- Install new fusing
- Upgrade transformer

**Planned:**

- Inspect circuit visually and with thermographic camera

**MONROE\_006**

*Delaware County*

**Completed:**

- Complete corrective reliability work orders
- Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera  
Upgrade primary

**MOON\_003**

*Bucks County*

**Completed:**

Inspect selected areas of circuit for vegetation issues and correct as needed  
Upgrade transformer

**Planned:**

Inspect circuit visually and with thermographic camera

**NEWLINVILLE\_342**

*Chester County*

**Completed:**

Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**NEWLINVILLE\_351**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

**NEWLINVILLE\_352**

*Chester County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera  
Install cut-out mounted recloser

**NEWLINVILLE\_362**

*Chester County*

**Completed:**

Upgrade insulators

**Planned:**

Inspect circuit visually and with thermographic camera  
Upgrade primary

**NORTH\_WALES\_344**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**OLIVE\_001**

*Chester County*

**Completed:**

Inspect circuit visually and with thermographic camera

**Planned:**

Upgrade primary

**PAOLI\_002**

*Chester County*

**Completed:**

- Inspect circuit visually and with thermographic camera
- Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

- Install tree resistant wire

**PENLLYN\_004**

*Montgomery County*

**Completed:**

- Inspect selected areas of circuit for vegetation issues and correct as needed
- Upgrade secondary

**Planned:**

- Inspect circuit visually and with thermographic camera

**PLYMOUTH\_161**

*Montgomery County*

**Completed:**

- Complete corrective reliability work orders
- Install new fusing

**Planned:**

- Inspect circuit visually and with thermographic camera
- Install animal protection

**POOLS\_001**

*Bucks County*

**Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera

**Planned:**

- Upgrade secondary

**POOLS\_002**

*Bucks County*

**Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Remedial efforts completed

**PULASKI\_012**

*Philadelphia County*

**Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

**PULASKI\_132**

*Philadelphia County*

**Completed:**

- Complete corrective reliability work orders

**Planned:**

- Complete corrective reliability work orders
- Create breakdown between circuits
- Inspect circuit visually and with thermographic camera

**RICHMOND\_143**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**RUSHLAND\_000**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Upgrade primary

**SLATE\_000**

*York County*

**Completed:**

Complete corrective reliability work orders

Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**SOMERSET\_007**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**SPENCER\_011**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**STONY\_001**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

Remedial efforts completed

**TABOR\_139**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**TANGUY\_000**

*Delaware County*

**Completed:**

Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

Inspect circuit visually and with thermographic camera

**UPPER\_MERION\_132**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

Install animal protection

**Planned:**

Install cut-out mounted recloser

**UWCHLAN\_004**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Remedial efforts completed

**VAUGHN\_002**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Inspect selected areas of circuit for vegetation issues and correct as needed

Upgrade secondary

Remedial efforts completed

**WAGONTOWN\_000**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

Upgrade primary

**WARMINSTER\_003**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**WASHINGTON\_SQ\_002**

*Montgomery County*

**Completed:**

Inspect circuit visually and with thermographic camera

Install animal protection

Install tree resistant wire

Remedial efforts completed

**WASHINGTON\_SQ\_003**

*Montgomery County*

**Completed:**

Inspect circuit visually and with thermographic camera

Remedial efforts completed

**WASHINGTON\_SQ\_005***Montgomery County***Completed:**

Circuit retired

**WAYNE\_146***Delaware County***Completed:**Complete corrective reliability work orders  
Install new fusing**Planned:**

Inspect circuit visually and with thermographic camera

**WESTTOWN\_000***Chester County***Planned:**Inspect circuit visually and with thermographic camera  
Upgrade primary**WEST\_BUCK\_002***Bucks County***Completed:**Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Install new fusing  
Remedial efforts completed**WEST\_GROVE\_001***Chester County***Completed:**Complete corrective reliability work orders  
Upgrade transformer**Planned:**

Inspect circuit visually and with thermographic camera

**WHITEMARSH\_131***Montgomery County***Completed:**Complete corrective reliability work orders  
Inspect selected areas of circuit for vegetation issues and correct as needed  
Install new fusing**Planned:**

Inspect circuit visually and with thermographic camera

**WHITEMARSH\_132***Montgomery County***Completed:**

Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**Complete corrective reliability work orders  
Inspect circuit visually and with thermographic camera**WHITEMARSH\_141***Montgomery County*

**Completed:**

- Complete corrective reliability work orders
- Install animal protection
- Install cut-out mounted recloser
- Install new fusing

**Planned:**

- Inspect circuit visually and with thermographic camera

**WHITEMARSH\_161**

*Montgomery County*

**Completed:**

- Complete corrective reliability work orders
- Inspect selected areas of circuit for vegetation issues and correct as needed

**Planned:**

- Inspect circuit visually and with thermographic camera
- Install new recloser

**WINDRIM\_001**

*Philadelphia County*

**Completed:**

- Complete corrective reliability work orders

**Planned:**

- Inspect circuit visually and with thermographic camera

## Appendix C

### **New Business Connections**

This work category includes all the facility work required to add a new customer or to increase the load to an existing customer. The facility work will include the facilities required to directly connect the customer to the system and the upgrade/replacement of any existing facility to serve the requested additional load.

### **Capacity Expansion**

This work category includes only capacity work generated by the system design engineer to prevent system failure and to assure the delivery of voltage as specified in the tariff. The addition of new substations and substation enlargements for future load growth will also be included in this project.

### **System Performance**

This work category includes projects designed to upgrade, modify or improve the performance of the distribution system. Also included in this category are indirect costs in support of all categories and one-time accounting adjustment items.

### **Facility Relocation**

This work category includes all requests for relocation of PECO facilities including municipal as well as customer related relocation requests.

### **Maintenance**

This work category includes work performed to repair and restore equipment to its normal state of operation, along with planned preventive maintenance work such as visual and thermographic inspections and tree trimming around transmission and distribution lines.

### **Storm Funds**

Incremental costs (primarily; overtime, contractors, mutual assistance, and meals) incurred while responding to major storms (storms that meet customer outage and duration criteria).