



An Exelon Company

Richard G. Webster, Jr.
Vice President

Telephone 215.841.4000
Fax 215.841.6208
www.peco.com
dick.webster@peco-energy.com

PECO
Regulatory Policy and Strategy
2301 Market Street
S15
Philadelphia, PA 19103

February 1, 2016

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

Re: PECO 2015 Fourth Quarter Reliability Report PUC Docket No. L-00030161

Dear Secretary Chiavetta:

Enclosed is PECO's 2015 Quarterly Reliability Report for the period ending December 31, 2015 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.

If you have any questions regarding this matter, please call me at 215-841-5777.

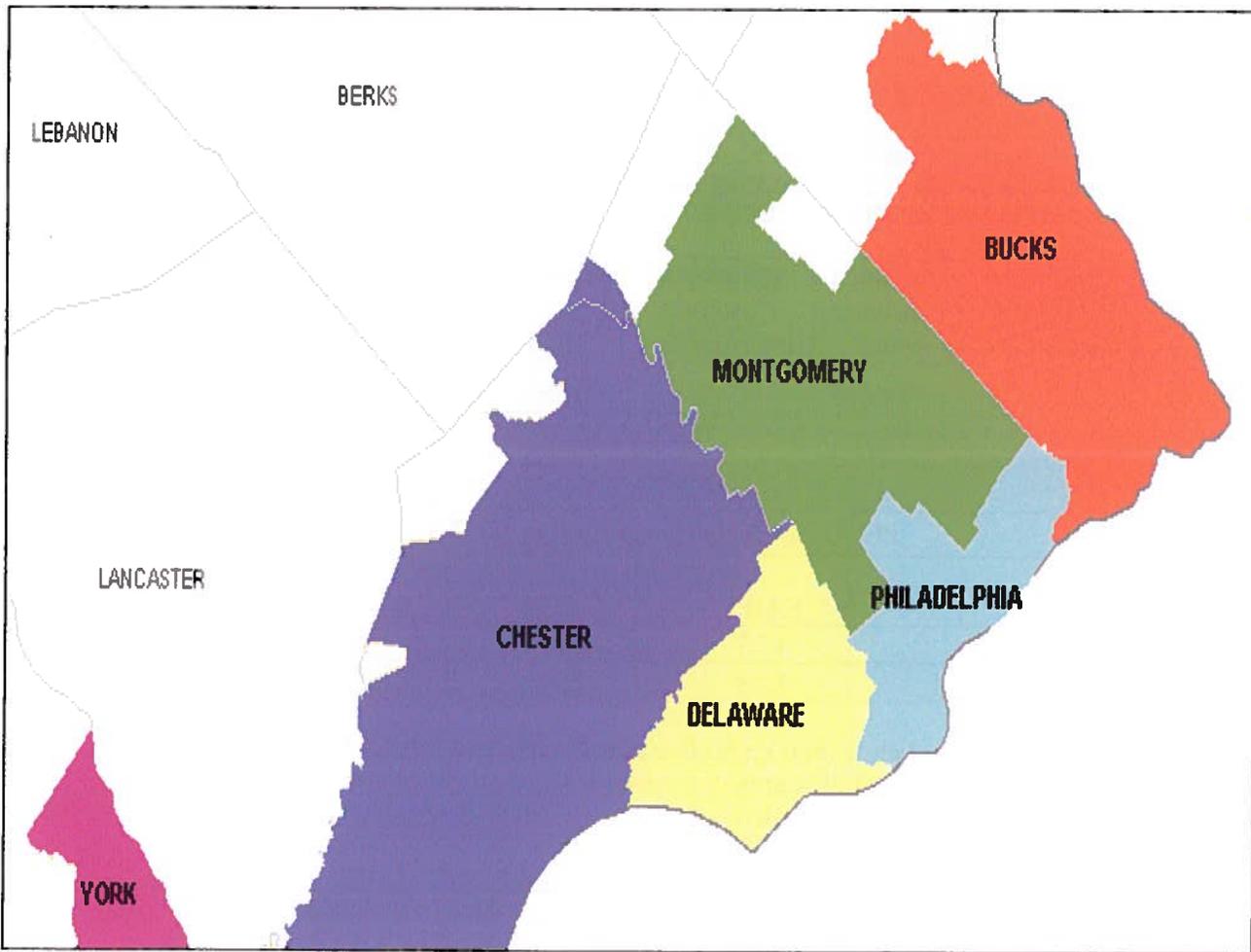
Sincerely,

A handwritten signature in black ink, appearing to read "R. Webster", followed by a horizontal line.

Enclosure

MPB/mec

**PECO Energy Company
Quarterly Reliability Report
For Period Ending December 31, 2015**



February 1, 2016

PECO Energy ("PECO")

Quarterly Reliability Report for the Period Ending December 31, 2015 filed with the Pennsylvania Public Utility Commission.

Submitted per Rulemaking Re: Amending Electric Service, Docket No. L-00030161 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."

PECO experienced no Major Events in the fourth quarter of 2015.

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
1,703,911	1,231,426	1,721,083	717,214	103,264,966	0.72	84	61	0.42

*Customer Count reflects a reduction due to the removal of inactive customer accounts
Data reflects 12 months ending 12/31/2015.

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 below their respective benchmarks and standards established on May 7, 2004. In addition, 12-month CAIDI is at its lowest level since quarterly reliability reports to the Commission began in 2003. 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 December 31, 2015					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	941	9.30%	28,816	2.30%	1,867,693
Contact/Dig-In	119	1.20%	28,878	2.30%	1,654,771
Equipment Failure	4,667	46.10%	569,736	46.20%	50,133,756
Lightning	336	3.30%	49,055	4.00%	7,076,557
Other	1,070	10.60%	141,794	11.50%	6,797,926
T&S	9	0.10%	29,036	2.40%	1,359,626
Unknown	324	3.20%	30,493	2.50%	1,822,967
Vegetation-Broken/Uprooted	1,514	15.00%	223,540	18.10%	19,994,008
Vegetation-Ingrowth	732	7.20%	56,459	4.60%	6,587,162
Vehicles	406	4.00%	74,074	6.00%	5,985,698

*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. Most customer interruptions caused by trees came from broken branches and tree trunks or uprooted trees (18.1% of all customer interruptions), as opposed to ingrowth (4.6% of all outage customer interruptions). PECO has continued to supplement its regularly scheduled vegetation management cycle with mid-cycle and 34 kV pruning programs and a hazard tree removal program.

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).”

No data required for fourth quarter report

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.)

No data required for fourth quarter report

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.)

No data required for fourth quarter report

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 December 31, 2015 was as follows:

Aerial Lineman	379
Underground Lineman (Include UTS)	53
Transmission / Substation Mechanics, Operators	102
Energy Technicians	100
Aerial Foreman	63
Underground Foreman	18
Transmission / Substation Foreman	30
ET Foreman	5
	750

Section 57.195(e)(10). “Quarterly and year to date information on contractor hours and dollars for transmission and distribution operation and maintenance.”

4 th Quarter Contractor Spend for Operation and Maintenance	\$15.2M
Year-to-Date Contractor Spend for Operation and Maintenance	\$79.8M

4 th Quarter Contractor Man-hours for Operation and Maintenance	391k
Year-to-Date Contractor Man-hours for Operation and Maintenance	1.8M

Contracting Hours are calculated based on contractor OSHA hours. .

Contact Persons:

J. Coffman
 Director, Engineering
 (215) 841-4201
jearl.coffman@peco-energy.com

Dick Webster
 Vice President Regulatory Policy & Strategy
 (215) 841-5777
dick.webster@peco-energy.com

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
ARDMORE_016	638	0	0	0	0	0	0	0
ARDMORE_018	530	0	0	0	0	0	0	0
BALA_136	369	0.23	52	12	0.15	86	74	56
BEIDLER_131	326	1	4	4	0	326	22	0
BERWYN_001	368	0.44	92	40	3.61	161	246	1330
BOOTH_001	858	2.99	60	178	1	2562	2551	860
BRADFORD_342	2233	0.67	91	61	0	1502	2276	2
BRADFORD_343	615	1.12	47	52	0	690	536	0
BRYN MAWR_147	1589	2.69	66	178	0.51	4267	4703	812
BUCKINGHAM_343	1961	1.87	99	185	0.99	3676	6059	1949
BUCKINGHAM_344	1546	1.16	64	74	1.1	1797	1912	1702
BUCKINGHAM_352	2553	0.03	121	3	0.67	71	143	1722
BUCKINGHAM_362	3435	1.91	34	65	0.72	6547	3707	2465
BYBERRY_134	1950	0.91	107	98	0.46	1778	3184	903
BYBERRY_148	1891	0.9	78	70	0	1706	2214	4
BYBERRY_162	1415	0.07	237	17	0.55	101	399	781
CALN_000	532	0.17	116	20	0	91	176	0
CEDARBROOK_133	1354	4.16	59	246	0	5638	5550	0
CHICHESTER_132	1207	2.98	66	198	0.52	3594	3981	626
COATESVILLE_001	874	0.43	29	12	0	373	180	0
CONCORD_347	1516	0.56	111	62	0.02	850	1576	35
CRESCENTVILLE_134	1835	0.14	90	13	0	263	393	0
DOE RUN_000	436	0.19	469	90	0	84	657	0
EAGLE_342	2414	1.81	105	190	0.79	4364	7626	1908
EDDINGTON_142	1182	1.26	81	103	0	1489	2022	0
EDGMONT_002	803	3.3	59	194	3	2647	2591	2408
EDGMONT_133	1937	2.76	399	1100	3.76	5343	35516	7287
ELLIS_001	743	1.15	103	119	2	855	1469	1487
FALLS_341	985	0.52	162	85	0	517	1393	0
FOX CHASE_140	1443	0.01	103	1	0	13	22	0
GERMANTOWN_013	1261	0.35	56	20	0	445	416	0
GERMANTOWN_014	566	1.21	55	67	0	687	632	0
GLADWYNE_138	591	4.7	71	335	1.63	2780	3299	965
GOSHEN_343	2497	0.6	114	68	0.64	1492	2847	1592
GOSHEN_351	1946	1.8	137	246	1.6	3504	7990	3112
HAGYS_002	171	0.02	128	2	3	3	6	513
HOLMESBURG_143	768	0.29	86	25	0.44	219	316	341
JENKINTOWN_139	989	0.16	141	23	0	161	379	0
JENKINTOWN_142	1927	2.3	43	99	0.99	4434	3164	1907
JENKINTOWN_143	1555	1.14	51	58	0.76	1768	1515	1186
JENKINTOWN_144	1923	0.43	185	80	1	832	2560	1923
JENKINTOWN_146	1369	1.01	72	73	0.32	1380	1660	432
KLEYONA_003	473	2.17	73	158	0.01	1026	1244	6
LANGHORNE_002	646	1.15	81	93	3	741	1000	1935
LARCHMONT_001	158	1	74	74	4	158	195	632
LARCHMONT_007	531	4.33	71	309	1.18	2301	2737	628

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
LINE 1099	2278	1.42	108	154	0.03	3241	5844	69
LINE 116 00BM	521	3.17	97	309	2.09	1652	2681	1087
LINE 1300CR	2264	1.86	74	136	2.85	4201	5148	6460
LINE 132 00WO	897	5.22	93	487	0.47	4678	7287	424
LINE 161 00CO	1262	1.02	157	159	0.04	1281	3345	49
LINE 188 00EM	153	1.75	153	267	0.31	268	681	47
LINE 189 00EM	912	4.28	65	277	0	3900	4215	0
LINE 2252	331	0.38	81	31	0	126	170	0
LINE 2263	12	0	0	0	0	0	0	0
LINE 2475	2649	0.11	56	6	0.89	285	268	2359
LINE 2476	590	1.21	65	79	0	715	778	0
LINE 2507	1966	2.31	57	131	1.97	4549	4290	3880
LINE 2682	2012	0.12	166	20	0	245	680	3
LINE 3331	1	0	0	0	0	0	0	0
LINE 4100PB	1658	0	488	1	0	4	33	0
LINFIELD 000	800	1.14	68	77	1.01	908	1024	806
LINTON 341	2457	0.66	81	53	0.99	1614	2167	2438
LINTON 342	2980	0.5	72	37	0.55	1502	1814	1649
LINTON 343	4293	0.89	91	81	0.08	3812	5808	328
LINTON 351	2503	1.51	30	46	1.61	3792	1921	4030
LLANERCH 131	1943	0.19	140	26	0	361	840	0
LLANERCH 142	640	1.48	110	164	0	948	1746	0
LLANERCH 147	2341	1.11	69	76	0.02	2593	2968	36
LLANERCH 164	1692	0.14	78	11	0	230	300	0
MACDADE 148	1597	0.19	96	18	0	307	489	0
MARPLE 004	298	0.23	155	35	0	68	175	0
MARSHALLTON 002	534	2.11	96	202	1.02	1126	1796	547
MIDDLETOWN 131	689	2.11	116	245	0	1457	2815	0
MIDDLETOWN 142	1395	1.47	52	76	0.49	2046	1768	677
MIDDLETOWN 352	1959	1.92	93	179	1.08	3760	5836	2124
MOON 003	607	1.27	57	72	1	773	732	609
MORRISVILLE 012	830	5.02	32	163	3.01	4166	2249	2501
MORTON 142	1314	2.18	48	106	0.58	2871	2314	768
MOSER 013	1004	1.17	63	74	0	1179	1241	1
NESHAMINY 132	1428	0.76	145	110	0.01	1089	2623	13
NESHAMINY 143	2143	0.61	50	31	0.44	1315	1105	934
NESHAMINY 162	923	1.1	130	144	0.24	1018	2208	221
NEWTOWN SQUAR 131	670	2.25	123	278	2.46	1507	3102	1651
NEWTOWN SQUAR 133	797	1.7	75	128	1.54	1354	1704	1224
NOLAN 001	921	5.03	52	263	1.41	4632	4031	1296
NORTH PHILADE 133	1026	0.04	61	2	0	38	39	0
NORTH WALES 342	3852	0.4	132	53	0.56	1553	3419	2175
NORTH WALES 344	1122	2.09	98	206	1.19	2350	3843	1330
NORTH WALES 361	1858	1.95	57	111	0.09	3614	3433	169
NORTH WALES 363	3384	1.32	64	84	0.52	4452	4745	1748
NOTTINGHAM 011	263	0.76	90	69	1	201	303	262
OAKMONT 008	520	0.29	68	19	1	149	169	519
PEACH_BOTTOM 361	329	0.97	160	154	0.29	318	846	97
PENTRIDGE 013	697	0.05	112	6	0	35	65	0
PERKIOMEN 354	2822	1.72	49	84	1.31	4862	3968	3709

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
PLANE BROOK 344	1877	0.81	119	95	0.28	1511	2985	518
PLYMOUTH 134	1516	1.47	86	125	0.47	2224	3170	705
PLYMOUTH 172	2402	0.69	102	70	0	1660	2819	0
RICHMOND 138	1390	1	16	16	0	1396	375	0
SCOTT 001	247	1.03	251	258	0	254	1062	0
SCOTT 002	295	1.08	87	95	0	320	465	0
SHIP 002	722	2.13	51	109	0.02	1537	1317	18
SLATE 000	140	0.51	246	125	0	71	291	0
SOLEBURY 001	505	4.07	116	471	0	2054	3966	0
SUNNYBURN 001	453	1.15	61	70	0	522	530	0
THOMSON 004	123	1	180	180	0.98	123	369	121
UNIVERSITY 131	2598	0.32	54	17	0.69	842	756	1802
WALLACE 000	128	1.42	102	144	1.09	182	308	140
WAYNE 141	1873	0.64	181	115	0.67	1191	3599	1263
WAYNE 143	847	1.67	75	125	1.58	1414	1763	1338
WEST BUCK 002	482	0.04	51	2	0	17	15	0
WEST OAK LANE 013	676	3.73	56	208	0	2524	2346	0
WOODBOURNE 352	665	1.35	190	257	0.98	900	2854	655

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 09/30/15

ARDMORE_016

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Upgraded fuses

Planned:

Remedial efforts completed

ARDMORE_018

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Upgraded fuses

Planned:

Remedial efforts completed

BALA_136

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

BEIDLER_131

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned

Remedial efforts completed

BERWYN_001

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

BOOTH_001

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Upgraded transformer

Check tie operation

Planned:

Remedial efforts completed

BRADFORD_342

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed regularly scheduled tree trimming

Completed reliability corrective workorders

Upgraded lightning protection

Planned:

Remedial efforts completed

BRADFORD_343

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed 3 phase recloser

Inspected / Tested recloser operation

Completed regularly scheduled tree trimming

Installed 3 phase recloser

Planned:

Remedial efforts completed

BRYN MAWR_147

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Reconfigure circuit for better automatic transfer

Upgraded animal protection

Installed compact single phase sectionalizer

Replaced cable section

Installed 3 phase recloser

Planned:

Remedial efforts completed

BUCKINGHAM_343

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Completed regularly scheduled tree trimming

Reconfigure recloser operation

Planned:

Remedial efforts completed

BUCKINGHAM_344

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuses

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

BUCKINGHAM_352

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Upgraded secondary wires

Planned:

Remedial efforts completed

BUCKINGHAM_362

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Upgraded transformer

Installed 3 phase recloser

Installed tree wire

Upgraded main

Planned:

Remedial efforts completed

BYBERRY_134

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Install additional fuses

Upgraded cable

Complete reliability corrective workorders

Planned:

Remedial efforts completed

BYBERRY_148

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Installed additional fuses

Planned:

Remedial efforts completed

BYBERRY_162

Bucks County

Completed:

Inspected circuit and with thermographic camera

Completed reliability corrective workorders

Upgraded transformer

Inspected circuit breaker operation

Planned:

Remedial efforts completed

CALN_000

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded fuse

Planned:

Remedial efforts completed

CEDARBROOK_133

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded transformer

Coordinate fuses

Planned:

Remedial efforts completed

CHICHESTER_132

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Planned:

Remedial efforts completed

COATSVILLE_001

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional transformer

Planned:

Remedial efforts completed

CONCORD_347

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed 3 phase recloser

Planned:

Remedial efforts completed

CRESCENTVILLE_134

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Coordinate fuses

Upgraded lightning protection

Upgraded cable insulation

Planned:

Remedial efforts completed

DOE_RUN_000

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed faulted circuit indicators

Planned:

Remedial efforts completed

EAGLE_342

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Inspect recloser operation

Installed 3 phase recloser

Planned:

Remedial efforts completed

EDDINGTON_142

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable

Planned:

Remedial efforts completed

EDGMONT_002

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Complete reliability corrective workorders

Installed sectionalizing devices

Installed recloser on circuit supply

Planned:

Remedial efforts completed

EDGMONT_133

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Installed animal protection

Install additional fuses

Planned:

Remedial efforts completed

ELLIS_001

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Install additional fuses

Installed 3 phase recloser

Planned:

Remedial efforts completed

FALLS_341

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed tie and 3 phase recloser

Planned:

Remedial efforts completed

FOX CHASE_140

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed animal protection

Upgraded lightning protection

Planned:

Remedial efforts completed

GERMANTOWN_013

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded transformer

Installed additional fuses

Planned:

Remedial efforts completed

GERMANTOWN_014

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable sections

Planned:

Remedial efforts completed

GLADWYNE_138

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Complete reliability corrective workorders

Installed tree wire

Replaced cable

Planned:

Remedial efforts completed

GOSHEN_343

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed 3 phase recloser

Planned:

Remedial efforts completed

GOSHEN_351

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

HAGYS_002

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Install additional fuse

Planned:

Remedial efforts completed

HOLMESBURG_143

Philadelphia County

Completed:

Completed reliability corrective workorders

Upgraded cable insulation

Replaced Underground Cable

Planned:

Remedial efforts completed

JENKINTOWN_139

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed tree wire

Upgraded switch

Upgraded secondary wire

Planned:

Remedial efforts completed

JENKINTOWN_142

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuses

Planned

Remedial efforts completed

JENKINTOWN_143

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded secondary wires

Upgraded transformer

Upgraded fuses

Planned:

Remedial efforts completed

JENKINTOWN_144

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded fuses

Planned:

Remedial efforts completed

JENKINTOWN_146

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded fuse

Planned:

Remedial efforts completed

KLEYONA_003

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded transformers

Planned:

Remedial efforts completed

LANGHORNE_002

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective workorders
Completed regularly scheduled tree trimming
Installed tree wire
Reconfigured circuit

Planned:

Remedial efforts completed

LARCHMONT_001

Delaware County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective workorders
Inspect selected areas of circuit for vegetation issues and corrected as needed
Install additional fuse
Inspected/tested recloser operation

Planned:

Remedial efforts completed

LARCHMONT_007

Delaware County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective workorders
Upgraded fuses
Upgraded secondary wires

Planned:

Remedial efforts completed

LINE_1099

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Replaced cable section
Installed additional fusing
Completed reliability corrective workorders

Planned:

Remedial efforts completed

LINE_116_00BM

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Added additional fusing

Installed 3 phase recloser

Planned:

Remedial efforts completed

LINE_1300CR

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed 3 phase recloser

Replaced cable

Coordinate recloser operation

Planned:

Remedial efforts completed

LINE_132_00WO

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Reconfigured underground cables

Planned:

Remedial efforts completed

LINE_161_00CO

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Install single phase recloser

Upgraded fuses

Installed 3 phase recloser

Planned:

Remedial efforts completed

LINE_188_00EM

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded transformer

Planned:

Remedial efforts completed

LINE_189_00EM

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced switch

Planned:

Remedial efforts complete

LINE_2252

Philadelphia County

Completed:

Completed reliability corrective workorders

Replaced cable

Planned:

Remedial efforts completed

LINE_2263

Philadelphia County

Completed:

Completed reliability corrective workorders

Replaced cable

Test/Inspect switch setting

Planned:

Remedial efforts complete

LINE_2475

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded services

Installed additional fuses

Installed faulted circuit indicators

Planned:

Remedial efforts completed

LINE_2476

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable

Planned:

Remedial efforts completed

LINE_2507

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replace secondary wires

Upgrade fuses

Planned:

Remedial efforts completed

LINE_2682

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable

Installed additional fuse

Planned:

Remedial efforts completed

LINE_3331

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Replaced switch

Test breaker operation

Completed reliability corrective workorders

Planned:

Remedial efforts completed

LINE_4100PB

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Tested / Inspected recloser operation

Replaced cable

Upgraded fuse

Installed 3 phase recloser

Planned:

Remedial efforts completed

LINFIELD_000

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

LINTON_341

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

LINTON_342

Bucks County

Completed

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded fuse

Upgraded transformer

Planned:

Remedial efforts completed

LINTON_343

Bucks County

Completed

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable section

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

LINTON_351

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuses

Planned:

Remedial efforts completed

LLANERCH_131

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuse

Upgraded animal protection

Planned:

Remedial efforts completed

LLANERCH_142

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded cable

Upgraded wildlife protection

Install additional fuse

Installed modified recloser and tie

Planned:

Remedial efforts completed

LLANERCH_147

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded transformer

Upgraded secondary wires

Installed 3 phase recloser

Planned:

Remedial efforts completed

LLANERCH_164

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed wildlife protection

Installed fuses

Planned:

Remedial efforts completed

MACDADE_148

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Upgraded wildlife protection

Upgraded secondary wires

Planned:

Remedial efforts completed

MARPLE_004

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuse

Planned:

Remedial efforts completed

MARSHALLTON_002

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuses

Trimmed select areas of circuit

Planned:

Remedial efforts completed

MIDDLETOWN_131

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

MIDDLETOWN_142

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Tested /Inspected switch operation

Upgraded transformer

Installed tree wire

Planned:

Remedial efforts completed

MIDDLETOWN_352

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Test/Inspect recloser operation

Reconfigure recloser operation

Planned:

Remedial efforts completed

MOON_003

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Completed regularly scheduled tree trimming

Installed additional lightning protection

Planned:

Remedial efforts completed

MORRISVILLE_012

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Installed additional lightning protection

Upgraded secondary wires

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

MORTON_142

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Inspected recloser operation

Planned:

Remedial efforts completed

MOSER_013

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded fuses

Planned:

Remedial efforts completed

NESHAMINY_132

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable

Planned:

Remedial efforts completed

NESHAMINY_143

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded secondary

Upgraded fuses

Planned:

Remedial efforts completed

NESHAMINY_162

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced underground cable

Install single phase recloser

Reconfigure URD configuration

Planned:

Remedial efforts completed

NEWTOWN_SQUARE_131

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable

Installed 3 phase recloser

Planned:

Remedial efforts completed

NEWTOWN_SQUARE_133

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

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

Replaced cable section

Planned:

Remedial efforts completed

NOLAN_001

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Reconfigured circuit

Planned:

Remedial efforts completed

NORTH PHILADELPHIA_133

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Upgraded lightning protection

Install additional fuse

Planned:

Remedial efforts completed

NORTH WALES_342

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

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

Replaced cable

Upgraded transformers

Reconfigured underground cables

Planned:

Remedial efforts completed

NORTH WALES_344

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Inspected / tested recloser operation.

Planned:

Remedial efforts completed

NORTH_WALES_361

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuse

Replaced cable

Planned:

Remedial efforts completed

NORTH WALES_363

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Reconfigure recloser scheme

Completed reliability corrective work orders

Tested / Inspected recloser scheme

Planned:

Remedial efforts completed

NOTTINGHAM_011

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Installed additional fuses

Inspected selected areas of circuit for vegetation issues and corrected as needed

Planned:

Remedial efforts completed

OAKMONT_008

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Upgraded fuses

Inspected circuit for correct configuration

Planned:

Remedial efforts completed

PEACH_BOTTOM_361

York County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Installed 3 phase recloser

Planned:

Remedial efforts completed

PENTRIDGE_013

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuse

Upgraded lightning protection

Planned:

Remedial efforts completed

PERKIOMEN_354

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Planned:

Remedial efforts completed

PLANEBROOK_344

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgrade cable insulation

Upgrade lightning protection

Planned:

Remedial efforts completed

PLYMOUTH_134

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Test / inspect recloser operation

Upgrade cable insulation

Replaced cable

Upgraded lightning protection

Planned:

Remedial efforts completed

PLYMOUTH_172

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Installed switch

Upgraded secondary wires

Planned:

Remedial efforts completed

RICHMOND_138

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Inspected selected areas of circuit for vegetation issues and corrected as needed

Planned:

Remedial efforts completed

SCOTT_001

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Install additional fuses

Inspected selected areas of circuit for vegetation issues and corrected as needed

Planned:

Remedial efforts completed

SCOTT_002

Delaware County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders
Tested/Inspected recloser operation

Planned:

Remedial efforts completed

SHIP_002

Chester County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective work orders
Installed additional fuse

Planned:

Remedial efforts completed

SLATE_000

York County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed reliability corrective workorders
Install additional fuses

Planned:

Remedial efforts completed

SOLEBURY_001

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Completed fuse coordination
Completed reliability corrective workorders
Install tree wire

Planned:

Remedial efforts completed

SUNNYBURN_001

York County

Completed:

Completed reliability corrective work orders
Inspected circuit visually and with thermographic camera
Inspected selected areas of circuit for vegetation issues and corrected as needed
Installed faulted circuit indicators

Planned:

Remedial efforts completed

THOMSON_004

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Replaced switch

Planned:

Remedial efforts completed

UNIVERSITY_131

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective work orders

Installed animal protection

Installed additional fuses

Replaced cable

Upgraded transformer

Planned:

Remedial efforts completed

WALLACE_000

Chester County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Completed fuse coordination

Planned:

Remedial efforts completed

WAYNE_141

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Inspected recloser operation

Replaced cable

Upgraded lightning protection

Planned:

Remedial efforts completed

WAYNE_143

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded cable insulation

Planned:

Remedial efforts completed

WEST_BUCK_002

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Installed additional fuse

Planned:

Remedial efforts complete

WEST_OAK_LANE_013

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Upgraded fuse

Planned:

Remedial efforts completed

WOODBOURNE_352

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Inspected selected areas of circuit for vegetation issues and corrected as needed

Completed reliability corrective workorders

Replaced cable

Planned:

Remedial efforts completed

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).

