



An Exelon Company

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PECO
2301 Market Street, S15
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January 31, 2014

Via Federal Express

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
P. O. Box 3265
Harrisburg, Pennsylvania 17120

**Re: PUC Docket No. L-00030161
Rulemaking Re Amending Electric Service Reliability Regulations at
52 Pa. Code Chapter 57**

Dear Secretary Chiavetta:

In accordance with Electric Service Reliability Regulations at 52 Pa. Code Chapter 57, enclosed is PECO's 2013 Quarterly Reliability Report for the period ending December 31, 2013.

Because portions of the report contain sensitive and proprietary information, 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 and Proprietary" header on each page, be kept confidential, pursuant to Commission Order of March 20, 2006.

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

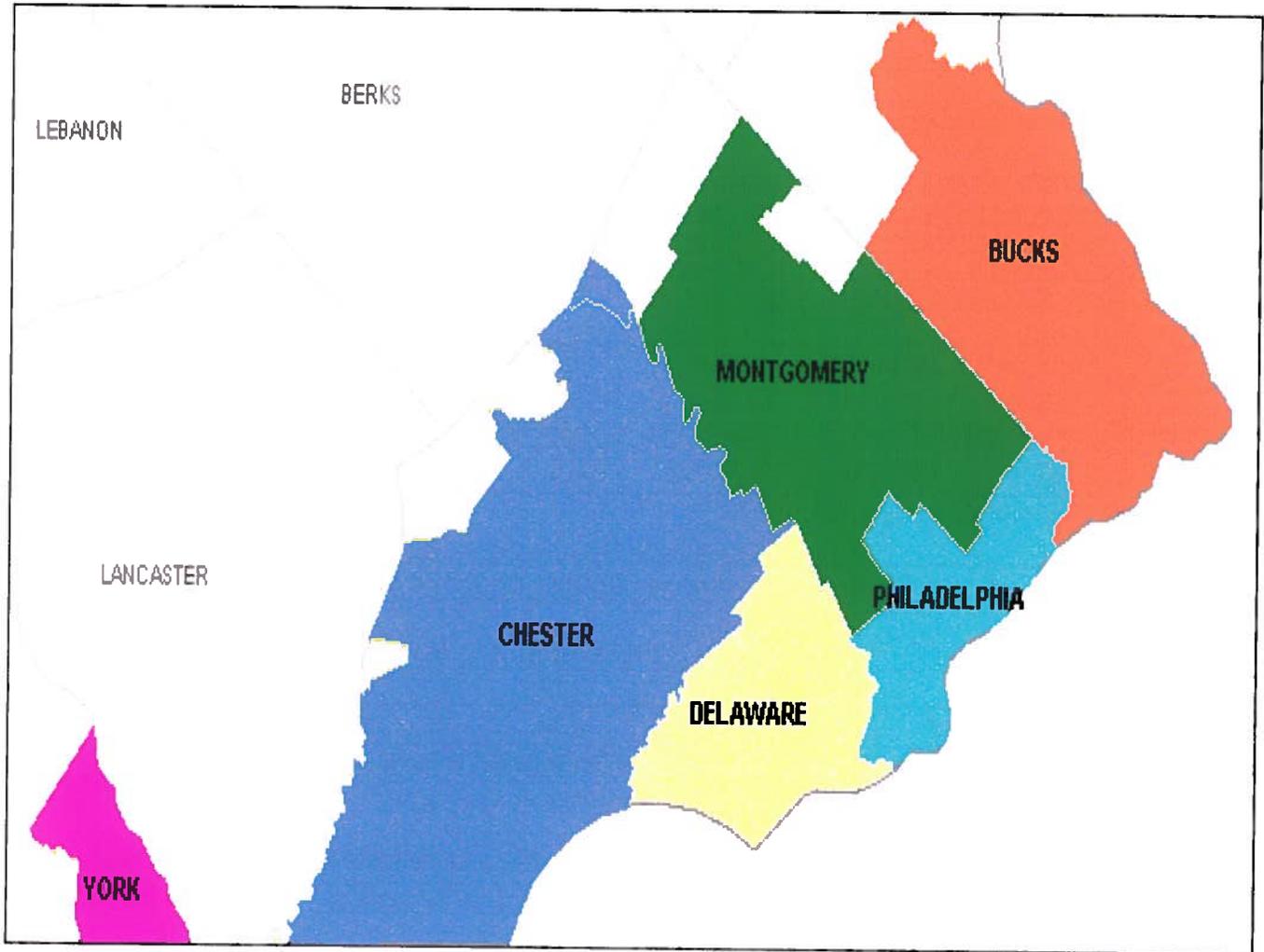
Sincerely,

A handwritten signature in black ink, appearing to read "R. Webster".

cc: Office of Consumer Advocate
Office of Small Business Advocate

enclosures

PECO Energy Company Quarterly Reliability Report For Period Ending December 31, 2013



February 1, 2014

PECO Energy ("PECO")

Quarterly Reliability Report for the Period Ending December 31, 2013 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."

No Major events occurred during the 4th quarter 2013

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
1,706,148	1,182,901	1,803,524	678,522	108,211,457	0.69	91	63	0.40

Data reflects 12 months ending 12/31/2013.

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

CAIDI is at the best performance level reported to the Commission since quarterly reports began in December 2003.

SAIFI, CAIDI and SAIDI are below their respective benchmarks and standards 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 for 2013 were selected based on a weighted score combining customer interruptions, customer hours, SAIFI and SAIDI, 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, 2013					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	876	9.1%	28,977	2.4%	2,293,629
Contact/Dig-In	139	1.4%	18,742	1.6%	1,466,078
Equipment Failure	3,838	40.0%	494,833	41.8%	46,384,373
Lightning	427	4.4%	46,634	3.9%	6,360,706
Other	930	9.7%	121,785	10.3%	7,772,506
T&S	15	0.2%	61,353	5.2%	2,495,428
Unknown	400	4.2%	51,349	4.3%	3,068,724
Vegetation-Broken/Uprooted	1,791	18.7%	228,813	19.3%	26,419,676
Vegetation-Ingrowth	818	8.5%	52,772	4.5%	6,862,434
Vehicles	364	3.8%	77,814	6.6%	6,754,338

*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 (19% of all outages), as opposed to ingrowth (4%) of all outages). 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).”

Data not required for 4th 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.)

Data not required for 4th 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.)

Data not required for 4th 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 31st 2013 was as follows:

Aerial Lineman	366
Underground Lineman (Include UTS)	51
Transmission / Substation Mechanics, Operators	102
Energy Technicians	99
Aerial Foreman	61
Underground Foreman	17
Transmission / Substation Foreman	29
ET Foreman	5
	730

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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_006	242	1.62	199	323	2.00	393	1,303	484
AUDUBON_006	148	3.18	216	687	0.00	470	1,696	0
BELLEVUE_133	1,411	2.30	63	145	1.00	3,245	3,410	1410
BETHAYRES_002	501	0.22	80	18	1.00	109	146	501
BOOTH_003	1,218	0.00	193	0	0.00	1	3	0
BRADFORD_343	547	4.29	63	271	0.16	2,348	2,470	88
BRYN_MAWR_132	1,118	0.09	135	13	0.00	104	234	0
BRYN_MAWR_134	452	1.10	152	167	-0.06	495	1,255	-26
BRYN_MAWR_143	226	2.06	103	212	0.22	465	798	49
BUCKINGHAM_343	1,924	1.80	57	102	0.23	3,466	3,284	448
BUCKINGHAM_346	2,604	0.52	47	25	0.52	1,347	1,065	1345
BUCKINGHAM_371	1,930	0.31	133	42	0.86	607	1,342	1658
BYBERRY_133	1,628	0.97	294	284	0.81	1,572	7,695	1326
BYBERRY_162	1,636	2.18	42	92	1.21	3,568	2,496	1978
CALN_000	538	0.07	202	13	0.00	35	118	0
CASTLE_000	509	2.33	76	176	3.00	1,186	1,496	1525
CHARLTON_000	425	0.07	392	27	0.00	29	189	0
COCHRANVILLE_341	1,561	1.36	172	233	0.96	2,117	6,066	1491
CONCORD_351	1,986	1.87	101	189	3.91	3,718	6,258	7772
CORNOG_001	480	0.01	414	3	1.00	3	21	479
CREAMERY_000	618	1.13	66	75	0.00	699	768	0
CRESCENTVILLE_135	1,993	1.02	45	46	0.00	2,034	1,538	0
DAVISVILLE_007	666	2.99	117	350	2.10	1,992	3,890	1401
DURHAM_002	594	1.07	91	97	1.00	633	964	594
DUTTON_002	323	0.50	83	41	0.00	161	222	0
EDDINGTON_138	778	0.83	71	60	0.00	649	772	0
EDDYSTONE_131	393	1.01	76	77	0.00	396	503	0
EDDYSTONE_132	1,655	0.14	130	18	0.00	226	490	0
ELKINS_PARK_004	536	2.38	224	531	0.36	1,273	4,747	193
FAIRLESS_006	494	0.03	231	7	0.00	16	62	0
FIN_002	457	0.09	368	33	0.00	41	251	0
FLINT_144	902	2.25	72	163	0.00	2,029	2,447	0
FOULK_131	1,704	0.60	60	36	0.45	1,015	1,009	762
FOX_CHASE_133	844	3.17	58	183	0.51	2,676	2,568	434
FURNACE_000	578	3.92	166	651	0.12	2,267	6,275	70
GARRETT_003	756	0.34	61	21	1.00	258	260	755
GLADWYNE_001	203	1.41	60	85	2.35	287	287	478
GLADWYNE_132	537	2.37	68	160	2.41	1,272	1,432	1296
GLADWYNE_133	640	0.63	75	47	3.99	405	505	2552
GLADWYNE_138	588	2.41	113	272	1.56	1,418	2,667	915
GOLF_002	542	3.31	99	328	0.41	1,795	2,963	223
GROVE_000	641	1.88	138	259	0.00	1,204	2,765	0
HAGYS_004	318	1.23	176	216	0.00	390	1,145	0
HARMONY_003	472	4.24	58	248	3.00	2,001	1,948	1416
HARMONY_007	1,288	3.60	48	174	2.00	4,643	3,742	2573
HARTMAN_351	3,567	1.10	120	132	3.04	3,930	7,858	10844
HEATON_133								
	1,879	1.36	67	92	0.31	2,562	2,873	575

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
HEATON_147	1,159	0.09	138	13	0.00	106	244	0
HOLMESBURG_143	768	4.00	74	296	0.00	3,072	3,790	0
HOWELL_002	393	2.05	180	369	0.00	806	2,416	0
JARRETT_144	1,156	1.33	157	208	0.00	1,537	4,017	0
JENKINTOWN_137	1,625	0.17	103	17	0.00	271	466	0
JENKINTOWN_141	726	0.23	156	36	0.00	165	430	0
KEMBLE_002	402	3.11	120	374	0.04	1,249	2,503	17
KENNETT_SQUAR_005	328	3.40	100	338	1.26	1,115	1,850	413
LANDENBERG_000	557	2.24	61	136	1.99	1,249	1,264	1106
LANGHORNE_002	645	1.08	20	22	1.02	698	237	661
LANTERN_000	573	1.43	67	96	0.00	821	921	0
LINE_104_00BY	4	0.50	76	38	0.00	2	3	0
LINE_116_00BM	516	1.66	64	106	0.50	856	915	259
LINE_119_00UP	42	1.17	135	157	0.00	49	110	0
LINE_2394	1,823	0.87	75	65	0.00	1,585	1,977	0
LINE_2630	5	0.00	0	0	0.00	0	0	0
LINE_2753	79	2.81	105	296	0.00	222	390	0
LINE_3344	622	2.98	100	297	0.00	1,854	3,078	0
LINE_7200WH	217	3.02	62	188	1.24	655	679	270
LINTON_341	2,285	1.23	89	110	0.23	2,807	4,175	533
LINTON_351	2,460	0.86	134	115	1.70	2,107	4,717	4187
LLANERCH_145	827	0.07	185	13	0.00	58	179	0
LOMBARD_043	329	0.48	92	44	0.00	158	242	0
MACDADE_132	1,632	0.25	98	24	0.00	407	663	0
MACDADE_135	2,197	0.15	182	27	0.00	323	980	0
MACDADE_140	1,580	0.08	102	8	0.00	126	215	0
MALL_037	507	0.00	817	0	0.00	15	204	0
MODENA_000	219	0.00	103	0	0.00	245	420	217
NESHAMINY_164	1,403	0.53	102	54	0.61	745	1,262	857
NEWLINVILLE_011	557	1.17	74	87	2.00	653	804	1114
NEWLINVILLE_343	2,809	0.14	207	29	0.00	397	1,369	0
NEWLINVILLE_362	2,513	0.73	92	68	0.03	1,841	2,829	81
NEWTOWN_SQUAR_131	1,312	2.72	103	279	0.92	3,570	6,100	1201
NORCO_002	752	1.00	114	114	0.00	753	1,426	0
NORTH_PHILADE_132	2,593	1.33	123	164	0.80	3,437	7,069	2087
NORTH_WALES_011	696	1.28	51	65	0.00	888	756	0
NORTH_WALES_344	1,010	0.76	247	187	0.00	766	3,150	0
OAKMONT_001	522	1.20	109	130	1.00	626	1,135	522
OAKMONT_004	671	2.89	77	224	1.00	1,940	2,500	671
PARRISH_138	1,922	0.00	318	0	0.00	2	11	0
PARRISH_143	1,105	1.01	66	67	0.00	1,111	1,230	0
PENCOYD_133	1,267	3.36	66	221	1.22	4,254	4,661	1548
PENROSE_162	543	3.87	62	239	0.99	2,102	2,164	538
PENTRIDGE_013	1,397	3.21	146	467	0.00	4,479	10,875	0
PERKIOMEN_362	1,546	0.08	258	19	0.00	116	498	0
PHOENIXVILLE_008	951	1.06	10	10	0.00	1,012	161	0
PICKERING_001	401	1.04	6	6	0.00	417	42	0
PLYMOUTH_181	966	1.02	105	107	0.39	981	1,718	375
PULASKI_014	1,006	0.99	148	146	0.00	991	2,447	0
RODGERS_132	158	1.03	47	48	0.01	162	128	1

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
SADSBURY_000	641	0.08	194	15	0.00	49	159	0
SCHWENKSVILLE_001	493	0.34	111	37	0.99	166	308	490
SCHWENKSVILLE_002	731	1.98	91	180	1.00	1,450	2,197	729
SECANE_007	811	1.00	121	121	0.00	813	1,639	0
SLATE_000	141	0.25	316	79	0.00	35	185	0
SOLEBURY_001	502	1.17	580	679	1.00	588	5,683	502
TREVOSE_138	1,211	2.81	78	221	0.00	3,408	4,456	0
TUNA_131	1,354	0.96	9	8	0.00	1,294	188	0
WALLACE_000	238	1.68	112	187	1.00	399	744	237
WARRINGTON_343	2,214	0.09	146	13	0.99	190	462	2198
WAVERLY_134	154	1.28	124	159	0.00	197	408	0
WAYNE_137	1,218	1.21	94	114	1.25	1,474	2,316	1520
WAYNE_143	846	0.68	138	93	1.58	575	1,318	1337
WEST_BUCK_001	245	0.09	76	6	1.00	21	26	245
WESTTOWN_000	254	2.91	81	236	5.23	739	1,000	1328
WHITEMARSH_161	1,296	0.59	68	40	0.48	770	869	628
WILLOWDALE_001	366	1.35	109	147	1.00	493	898	366

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 12/31/13

ABINGTON_006

Montgomery County

Completed:

Inspected circuit visually and with thermographic camera

Upgraded fuses

Completed reliability corrective workorders

Installed wildlife protection

Planned:

Remedial efforts completed

AUDOBON_006

Montgomery 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

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

BELLEVUE_133

Bucks County

Completed:

Repaired Station Leg Cable

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 3 phase recloser

Planned:

Remedial efforts completed

BETHAYRES_002

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

Complete regularly scheduled tree trimming

Installed 2 three phase reclosers on supply line

Planned:

Remedial efforts completed

BOOTH_003

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 secondary wire

Installed (2) Three phase reclosers

Planned:

Remedial efforts completed

BRADFORD_343

Chester 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
Installed three phase reclosers
Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

BRYN_MAWR_132

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 (2) three phase reclosers

Planned:

Remedial efforts completed

BRYN_MAWR_134

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 animal protection
Upgraded fuses

Planned:

Remedial efforts completed

BRYN_MAWR_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

Planned:

Remedial efforts completed

BUCKINGHAM_343

Bucks County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective workorders
Upgraded fuses
Installed three phase recloser
Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

BUCKINGHAM_346

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 (2) three phase reclosers

Planned:

Remedial efforts completed

BUCKINGHAM_371

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 three phase recloser

Installed three phase recloser

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

BYBERRY_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 workorders

Upgraded lightning protection

Upgraded cable insulation

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

BYBERRY_162

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Completed regularly scheduled tree trimming

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

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

CASTLE_000

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

Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

CHARLTON_000

Chester s 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

Balanced load on circuit

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

COCHRANVILLE_341

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 lightning protection

Planned:

Remedial efforts completed

CONCORD_351

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 recloser operation

Installed 3 phase recloser

Planned:

Remedial efforts completed

CORNOG-001

Chester County

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

Completed regularly scheduled tree trimming

Installed additional fuses

Planned:

Remedial efforts completed

CREAMERY_000

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

CRESCENTVILLE_135

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

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

Installed additional fuses

Repaired cable

Installed three phase recloser

Installed additional fuses

Planned:

Remedial efforts completed

DAVISVILLE_007

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 and secondary wires

Planned:

Remedial efforts completed

DURHAM_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

Planned:

Remedial efforts completed

DUTTON_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

Planned:

Remedial efforts completed

EDDINGTON_138

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
Fuse coordination

Planned:

Remedial efforts completed

EDDYSTONE_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 three phase recloser

Planned:

Remedial efforts completed

EDDYSTONE_132

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
Balance phases on circuit

Planned:

Remedial efforts completed

ELKINS_PARK_004

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
Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

FAIRLESS_006

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
Upgraded fuses

Planned:

Remedial efforts completed

FIN_002

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

Upgraded fuses

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

FLINT_144

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

Completed regularly scheduled tree trimming

Installed 3 phase recloser

Planned:

Remedial efforts completed

FOULK_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

Tested/Inspected recloser settings

Upgraded lightning protection

Upgraded fuses

Planned:

Remedial efforts completed

FOX_CHASE_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 workorders

Coordinated fuses

Completed regularly scheduled tree trimming

Installed three phase recloser

Upgraded fuses

Planned:

Remedial efforts completed

FURNACE_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

Upgraded fusing

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

GARRETT_003

Delaware County

Completed:

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

GLADWYNE_001

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

Installed faulted circuit indicators

Planned:

Remedial efforts completed

GLADWYNE_132

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

GLADWYNE_133

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 wildlife protection

Upgraded fuses

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

Installed additional fuses

Planned:

Remedial efforts completed

GOLF_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 fusing

Upgraded fusing

Replaced switch

Planned:

Remedial efforts complete

GROVE_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 additional fuses

Planned:

Remedial efforts completed

HAGYS_004

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

Installed additional fuses

Planned:

Remedial efforts complete

HARMONY_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

Coordinated fusing

Installed recloser on supply circuit

Planned:

Remedial efforts complete

HARMONY_007

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

HARTMAN_351

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 complete

HEATON_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 fuses

Upgraded wire

Replaced cable

Upgraded transformer

Planned:

Remedial efforts completed

HEATON_147

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 lightning protection

Planned:

Remedial efforts completed

HOLMESBURG_143

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Upgraded cable insulation

Planned:

Remedial efforts completed

HOWELL_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

Installed three phase recloser

Planned:

Remedial efforts completed

JARRETT_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

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

Planned:

Remedial efforts completed

JENKINTOWN_137

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

Coordinated fusing

Upgraded service wires

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

JENKINTOWN_141

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

Completed regularly scheduled tree trimming

Installed compact single phase recloser

Installed three phase recloser

Installed single phase recloser

Planned:

Remedial efforts completed

KEMBLE_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
Installed faulted circuit indicators

Planned:

Remedial efforts completed

KENNETT SQUARE_005

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

LANDENBERG_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 fuses

Installed additional fuses

Planned:

Remedial efforts complete

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

Planned:

Remedial efforts complete

LANTERN_000

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

Planned:

Remedial efforts complete

LINE_104_00BY

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 fuse

Repaired switch

Completed regularly scheduled tree trimming

Balanced circuit

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

Installed 3 phase recloser

Planned:

Remedial efforts completed

LINE_119_00UP

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

Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

LINE_2394

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

Install additional fuse

Upgraded transformer

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

LINE_2630

Delaware County

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed switch

Planned:

Remedial efforts completed

LINE_2753

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Replaced cable section

Planned:

Remedial efforts completed

LINE_3344

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 switch

Planned:

Remedial efforts completed

LINE_7200WH

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

Completed regularly scheduled tree trimming

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

Replace cable

Upgraded secondary mains

Repaired cable

Repaired switch

Installed (3) three phase reclosers

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

Planned:

Remedial efforts completed

LLANERCH_145

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 (2) three phase reclosers

Planned:

Remedial efforts completed

LOMBARD_043

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Repaired switch

Replaced cable section

Planned:

Remedial efforts completed

MACDADE_132

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

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

Upgraded wildlife protection

Completed reliability corrective work orders

Planned:

Remedial efforts completed

MACDADE_135

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

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

Install trip saver

Completed reliability corrective work orders

Planned:

Remedial efforts completed

MACDADE_140

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

Upgraded wildlife protection

Planned:

Remedial efforts completed

MALL_037

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Planned:

Remedial efforts completed

MODENA_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 work orders

Installed additional fuses

Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

NESHAMINY_164

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

Install wildlife protection

Install trip savers

Upgraded transformer

Planned:

Remedial efforts completed

NEWLINVILLE_011

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 faulted circuit indicators

Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

NEWLINVILLE_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 work orders

Installed three phase recloser

Upgraded lightning protection

Installed three phase recloser

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

NEWLINVILLE_362

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

Upgraded wildlife protection

Upgraded lightning protection

Complete regularly scheduled tree trimming

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

Upgraded wildlife protection

Upgraded lightning protection

Installed additional wildlife protection

Replaced single phase recloser

Completed reliability corrective work orders

Installed tree wire

Installed (2) three phase reclosers

Installed additional fuses

Planned:

Remedial efforts completed

NORCO_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

Upgraded wildlife protection

Planned:

Remedial efforts completed

NORTH_PHILADELPHIA_132

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 additional fuses

Upgraded lightning protection

Installed three phase recloser

Planned:

Remedial efforts completed

NORTH_WALES_011

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 single phase reclosers
Upgraded secondary wires

Planned:

Remedial efforts completed

NORTH_WALES_344

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 wildlife protection

Planned:

Remedial efforts completed

OAKMONT_001

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
Installed relay
Installed lightning protection

Planned:

Remedial efforts completed

OAKMONT_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
Installed switch

Planned:

Remedial efforts completed

PARRISH_138

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
Install additional fuses
Upgraded transformer

Planned:

Remedial efforts completed

PARRISH_143

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 additional fuses

Upgraded lightning protection

Planned:

Remedial efforts completed

PENCOYD_133

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

Planned:

Remedial efforts completed

PENROSE_162

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

Installed additional fuses

Replaced switch

Planned:

Remedial efforts completed

PENTRDIGE_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 work orders

Installed additional fuses

Upgraded lightning protection

Planned:

Remedial efforts completed

PERKIOMEN_362

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 three phase recloser

Planned:

Remedial efforts completed

PHOENIXVILLE_008

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

Planned:

Remedial efforts completed

PICKERING_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 work orders

Planned:

Remedial efforts completed

PLYMOUTH_181

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

Upgraded transformer

Replaced cable

Installed additional fuses

Upgraded transformer

Planned:

Remedial efforts completed

PULASKI_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 work orders

Installed additional fuses

Planned:

Remedial efforts completed

RODGERS_132

Bucks County

Completed:

Inspected circuit visually and with thermographic camera

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

Replaced cable section

Modified recloser

Planned:

Remedial efforts completed

SADSBURY_000

Chester County

Completed:

Inspected circuit visually and with thermographic camera

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

Complete reliability corrective work orders

Planned:

Remedial efforts completed

SCHWENKSVILLE_001

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

Coordinated fusing

Planned:

Remedial efforts completed

SCHWENKSVILLE_002

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

Planned:

Remedial efforts completed

SECANE_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 work orders

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 work orders

Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

SOLEBURY_001

Buck 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 secondary wires
Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

TREVOSE_138

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
Installed (2) three phase reclosers
Installed three phase recloser on supply line
Completed reliability corrective work orders
Upgraded secondary wires
Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

TUNA_131

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera
Completed reliability corrective work orders
Upgraded lightning protection
Installed additional fuses

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 work orders
Completed regularly scheduled tree trimming

Planned:

Remedial efforts completed

WARRINGTON_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 work orders

Planned:

Remedial efforts completed

WAVERLY_134

Philadelphia County

Completed:

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Replaced switch

Replace cable section

Planned:

Remedial efforts completed

WAYNE_137

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

Completed regularly scheduled tree trimming

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

Coordinate fusing

Upgrade wildlife protection

Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

WEST_BUCK_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 workorders

Complete regularly scheduled tree trimming

Planned:

Remedial efforts completed

WESTTOWN_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

WHITEMARSH_161

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

Replaced cable section

Planned:

Remedial efforts completed

WILLOWDALE_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 fuses

Installed faulted circuit indicators

Completed regularly scheduled tree trimming

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).