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January 31, 2011

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JAN 31 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**FedEx**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Second Floor  
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 are an original and six copies of PECO's 2010 Quarterly Reliability Report for the period ending December 31, 2010.

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 questions regarding this matter, please call me at 215-841-5777.

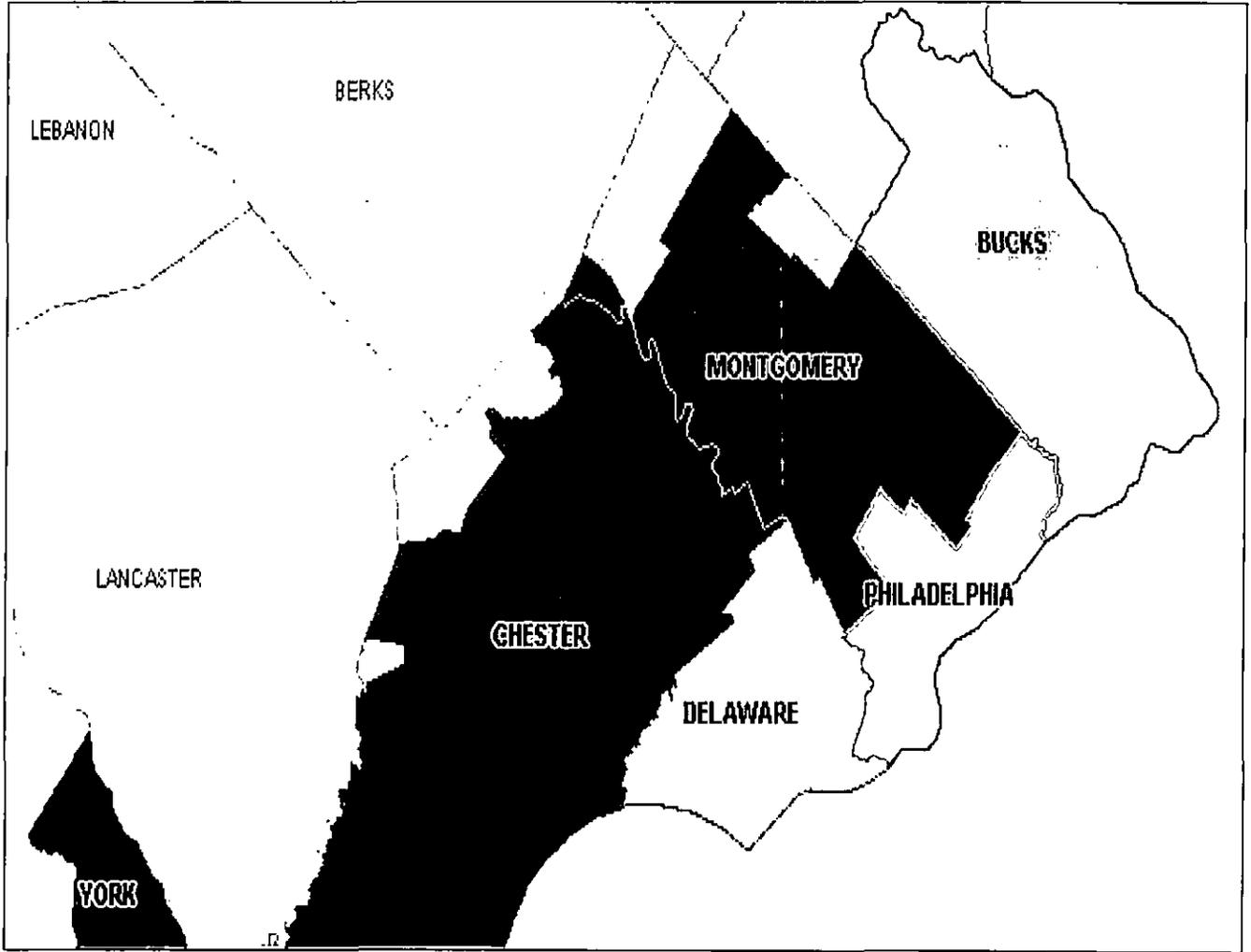
Sincerely,

cc: Office of Consumer Advocate  
Office of Small Business Advocate

enclosures

SAN/amm

**PECO Energy Company  
Quarterly Reliability Report  
For Period Ending December 31, 2010**



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JAN 31 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**February 1, 2011**

**PECO Energy ("PECO")**

**Quarterly Reliability Report for the Period Ending December 31, 2010 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 4<sup>th</sup> quarter.

**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
1,679,193	1,823,663	3,836,377	1,170,659	230,182,628	1.09	126	137	0.70

\*Data reflects 12 months ending 12/31/2010

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 and SAIDI are currently below the standard and benchmark, CAIDI is above the benchmark but below the standard 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 2010 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, 2010					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	1,079	8.1%	33,488	1.8%	2,559,856
Contact/Dig-In	156	1.2%	18,356	1.0%	1,314,627
Equipment Failure	4,839	36.5%	725,048	39.7%	76,086,251
Lightning	468	3.5%	62,786	3.4%	6,629,170
Other	2,338	17.6%	220,583	12.1%	21,196,186
T&S	30	0.2%	71,682	3.9%	3,356,130
Unknown	593	4.5%	75,105	4.1%	8,198,872
Vegetation-Broken/Uprooted	2,072	15.6%	394,457	21.6%	71,854,004
Vegetation-Ingrowth	1,348	10.2%	137,102	7.5%	30,792,188
Vehicles	326	2.5%	86,506	4.7%	8,218,454

\*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 (74% of vegetation outages), as opposed to ingrowth (26% of vegetation outages). PECO has continued with the significant supplemental vegetation management program it began in 2006 to prune or remove trees between cycles of it's regularly scheduled vegetation management 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 4<sup>th</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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, 2010 was as follows:

Aerial Lineman	385
Underground Lineman (Include UTS)	54
Transmission / Substation Mechanics, Operators	107
Energy Technicians	99
Aerial Foreman	62
Underground Foreman (Includes UTS)	18
Transmission / Substation Foreman	30
Total	755

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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
AVONDALE_001	385	1.77	153	271	2.12	681	1739	815
BALA_045	604	1.08	108	116	0.00	650	1168	0
BELLEVUE_133	1404	0.47	380	178	1.00	659	4175	1411
BELLEVUE_134	799	2.21	209	461	1.18	1763	6143	945
BETHAYRES_002	498	3.21	102	327	1.03	1599	2716	513
BLUE_GRASS_144	1461	1.21	114	138	0.00	1767	3371	0
BRISTOL_012	881	0.31	191	59	0.00	273	869	0
BRYAN_001	477	7.37	136	1002	1.00	3516	7963	477
BYBERRY_162	1553	2.68	39	103	1.00	4166	2675	1547
CHALFONT_001	527	2.22	151	335	1.00	1172	2942	527
CHANDLER_000	487	7.11	271	1930	0.50	3465	15664	244
CHARLTON_000	475	3.25	58	188	0.00	1543	1491	0
CHESTNUT_HILL_031	316	1.00	83	83	0.00	315	436	0
CHICHESTER_134	2060	1.17	55	64	1.18	2419	2212	2431
CLAY_342	2372	5.30	125	661	3.37	12576	26133	7991
COLWYN_133	3362	0.08	126	10	2.00	272	571	6722
CONCORD_351	1965	3.97	147	582	1.94	7810	19076	3817
CRESCENTVILLE_136	2428	0.10	112	12	0.99	253	470	2398
CROSS_000	299	2.76	854	2352	4.53	824	11723	1355
CROYDON_132	1481	0.09	381	32	0.00	126	801	0
CRUM_LYNNE_138	1610	1.27	87	110	0.75	2042	2956	1210
DALEVILLE_342	622	3.31	277	916	0.81	2056	9495	503
DAVISVILLE_003	947	6.13	157	962	2.00	5803	15191	1896
DUTTON_001	885	2.18	38	83	0.00	1926	1223	0
ELKINS_PARK_011	445	1.25	84	105	0.00	557	776	0
EMILIE_132	1373	1.33	450	597	0.69	1822	13660	943
EMILIE_133	1740	1.15	99	115	0.00	2008	3325	0
FIN_001	241	6.35	130	823	1.00	1531	3306	241
FLINT_144	898	2.26	207	467	1.01	2028	6996	910
FOX_CHASE_133	844	2.44	227	553	1.00	2059	7785	844
HAGYS_004	311	1.43	356	508	0.00	444	2635	0
HEATON_139	1530	3.65	119	433	0.15	5581	11036	224
HEATON_164	1157	1.32	193	254	0.00	1523	4889	0
HEATON_169	1460	1.17	89	104	1.11	1709	2525	1618
ISLAND_ROAD_136	1599	0.74	292	215	0.00	1177	5724	0
JENKINTOWN_139	1011	1.79	83	149	2.16	1807	2508	2188
JENKINTOWN_140	387	3.28	501	1641	0.00	1268	10587	0
JENNERSVILLE_341	2622	4.24	130	553	1.84	11119	24153	4820
KAOLIN_001	219	3.03	47	142	3.17	664	519	694
KAOLIN_003	232	2.01	19	38	3.41	467	146	791
KEMBLE_002	394	1.19	237	281	1.01	468	1847	398
KENNETT_SQUAR_001	399	4.85	151	732	12.49	1936	4869	4984
KENNETT_SQUAR_003	644	3.75	141	530	11.77	2414	5684	7578
KENNETT_SQUAR_005	306	6.08	231	1402	11.68	1860	7150	3573

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
KERBAUGH_005	1435	0.15	128	19	0.00	217	463	0
KERBAUGH_009	984	0.06	697	45	0.00	63	732	0
LANDENBERG_000	551	4.61	55	254	0.40	2542	2330	222
LENAPE_341	981	2.41	255	613	0.13	2361	10026	128
LENAPE_344	1823	3.11	55	171	4.84	5668	5201	8830
LENAPE_351	1611	5.42	158	859	9.66	8734	23061	15564
LINE_1099	2259	0.76	148	112	0.44	1708	4201	986
LINE_1100CL	1405	3.27	89	292	0.66	4599	6832	924
LINE_2200CR	763	2.96	123	364	0.57	2255	4628	434
LINE_2241	1456	0.56	104	58	0.00	813	1408	0
LINE_2445	489	1.49	168	250	0.00	728	2039	0
LINE_300CR	2314	0.79	117	92	1.67	1833	3565	3867
LINE_4600PB	350	2.04	92	187	0.00	713	1093	0
LINE_518	6	3.00	422	1266	0.00	18	127	0
LINE_7200WH	216	1.93	55	107	0.44	416	385	96
LINE_734	115	1.13	102	115	0.00	130	221	0
LINFIELD_000	857	0.53	115	60	0.00	450	863	4
LINTON_342	2901	1.45	197	284	0.01	4194	13747	21
LYNDELL_000	202	1.48	239	354	2.00	299	1193	404
MACDADE_137	2070	1.04	144	150	0.46	2161	5191	949
MALL_058	59	4.00	240	958	0.00	236	942	0
MALVERN_001	728	2.96	166	492	1.49	2153	5971	1082
MARKLEY_133	1260	2.98	318	948	0.71	3754	19915	893
MARPLE_138	727	2.39	118	281	2.00	1736	3410	1455
MARSHALLTON_002	526	2.95	154	456	1.00	1553	3996	526
MEDIA_011	578	1.48	77	113	0.99	853	1092	573
MONROE_004	415	2.81	104	294	3.02	1168	2033	1255
MONROE_005	552	0.36	238	84	4.00	196	776	2208
NEWLINVILLE_343	2459	5.13	67	346	4.29	12605	14161	10541
NEWLINVILLE_344	2649	0.98	91	89	4.64	2597	3924	12288
NEWLINVILLE_351	1321	1.20	99	119	1.34	1587	2616	1766
NEWLINVILLE_353	2341	2.30	59	135	2.84	5384	5275	6648
NORRISTOWN_009	994	3.39	88	300	0.00	3368	4966	1
NORTH_WALES_344	1706	0.87	183	160	0.39	1492	4553	673
OLIVE_001	971	0.97	159	154	1.00	944	2498	971
OLIVE_004	461	0.18	245	44	2.01	83	340	926
PARKESBURG_001	510	2.11	87	182	2.00	1074	1549	1018
PEACH_BOTTOM_361	256	6.95	175	1217	0.39	1780	5193	99
PENCOYD_133	1262	1.03	271	279	2.00	1301	5871	2526
PERKIOMEN_354	2942	1.28	93	120	0.77	3767	5860	2264
PLYMOUTH_148	1750	0.76	80	61	0.45	1327	1772	790
MONROE_004	415	2.81	104	294	3.02	1168	2033	1255
PULASKI_135	2915	2.03	38	76	0.00	5926	3713	0
PULASKI_136	2300	1.10	33	37	0.38	2534	1404	872
RADNOR_131	33	4.76	159	756	3.91	157	416	129
RICHMOND_132	1846	2.40	51	121	0.71	4433	3737	1314
RICHMOND_137	2291	0.52	35	18	0.66	1192	690	1518

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
RUSHLAND_000	430	6.14	331	2031	1.03	2640	14559	444
SADSBURY_000	631	1.50	61	92	3.97	949	967	2504
SAVILLE_134	2886	0.38	99	38	0.14	1100	1809	394
SOLEBURY_001	500	3.12	337	1050	3.17	1559	8750	1585
SPROUL_001	497	1.47	113	167	0.00	732	1381	2
STREET_000	335	4.06	123	500	0.99	1361	2789	333
SUNNYBURN_002	347	6.35	166	1055	0.00	2203	6101	1
SUSQUEHANNA_341*	0	0.00	0	0	0.00	0	0	0
TABOR_136	3486	0.13	384	50	0.00	454	2903	0
TOKENA_002	238	3.45	86	296	1.63	822	1173	388
TREVOSE_138	1210	2.18	88	192	0.00	2632	3868	0
TROOPER_001	554	2.74	395	1084	0.00	1520	10005	1
TURK_000	601	2.03	260	528	0.00	1222	5287	0
WAGONTOWN_000	597	2.05	40	82	8.02	1226	818	4788
WALLACE_000	231	2.36	136	320	1.44	545	1231	332
WARMINSTER_142	1848	2.92	61	178	0.31	5397	5475	582
WAWA_000	401	2.25	240	539	0.00	903	3604	0
WAYNE_134	676	5.88	76	449	1.94	3972	5062	1311
WHITEMARSH_133	1291	3.50	154	539	1.98	4519	11604	2562
WICKER_001	380	6.61	101	669	4.06	2510	4234	1543
WILLOWDALE_002	469	2.19	372	817	0.04	1029	6385	17
WORTH_000	343	0.14	226	32	0.99	49	185	339

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.

\*Note: All customers in Pennsylvania formerly supplied by the Susquehanna 341 circuit have been transferred to a new PECO circuit. Susquehanna 341 continues to supply customers in Maryland.

## Appendix B

Remedial efforts taken and planned for 5% worst performing circuits as of 12/31/10

### **AVONDALE\_001**

Chester County

#### **Completed:**

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

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Inspect/ Test recloser operation

Upgraded fuses

#### **Planned:**

Remedial efforts completed

### **BALA\_045**

Philadelphia County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Installed additional fusing

Replaced lightning protection

Completed reliability corrective work orders

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

#### **Planned:**

Remedial efforts completed

### **BELLEVUE\_133**

Bucks 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 aerial cable

Installed (2) 3 phase reclosers

Upgraded secondary wire

Installed compact single phase recloser

Installed additional lightning protection

#### **Planned:**

Remedial efforts completed

### **BELLEVUE\_134**

Bucks County

#### **Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Replaced URD cable

#### **Planned:**

Remedial efforts completed

### **BETHAYRES\_002**

Montgomery 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

Upgraded secondary wires

#### **Planned:**

Remedial efforts completed

**BLUE\_GRASS\_144**

Philadelphia County

**Completed**

Inspected circuit visually and with thermographic camera

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

Installed additional fusing

Upgraded cable insulation

Completed regularly schedule tree clearance

Completed reliability corrective work orders

**Planned**

Remedial efforts completed

**BRISTOL\_012**

Bucks County

**Completed**

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

Inspected circuit visually and with thermographic camera

Upgraded secondary wires

Completed reliability corrective work orders

Installed (2) 3 phase reclosers

**Planned**

Remedial efforts completed

**BRYAN\_001**

York County

**Completed**

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

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Completed regularly schedule tree clearance

Installed additional fuse

Installed 1 phase recloser

Installed 3 phase recloser

**Planned**

Remedial efforts completed

**BYBERRY\_162**

Bucks 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 addition fuses

Installed animal protection

Installed additional lightning protection

Upgraded fuses

**Planned**

Remedial efforts completed

**CHALFONT\_001**

Bucks County

**Completed**

Upgraded transformer

Installed additional lightning protection

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

Replaced underground cable

Completed reliability corrective work orders

**Planned**

Remedial efforts completed

**CHANDLER\_000**

Chester 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

Inspected recloser operation

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**CHARLTON\_000**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Installed lightning protection

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

**Planned:**

Remedial efforts completed

**CHESTNUT\_HILL\_031**

Philadelphia 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 additional fusing

**Planned:**

Remedial efforts completed

**CHICHESTER\_134**

Delaware County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed additional fusing

Installed additional lightning protection

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

**Planned:**

Remedial efforts completed

**CLAY\_342**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed additional fuses

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

Installed lightning protection

**Planned:**

Remedial efforts completed.

**COLWYN\_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

Upgraded lightning protection

Upgraded wildlife protection

Inspect /Test recloser operation

**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 correct as needed

Completed reliability corrective work orders

Install 3 phase recloser

Inspect/Test recloser operation

Install faulted circuit Indicators

**Planned:**

Remedial efforts completed.

**CRESCENTVILLE\_136**

Philadelphia County

**Completed**

Installed additional fusing

Upgraded lightning protection

Inspected circuit visually and with thermographic camera

Completed regularly scheduled tree clearance

Completed reliability corrective work orders

Installed 2- 3 phase reclosers

Installed additional fusing

**Planned**

Remedial efforts completed

**CROSS\_000**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Installed (2) 3 phase reclosers

**Planned:**

Remedial efforts completed

**CROYDON\_132**

Bucks County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

**Planned:**

Remedial efforts completed.

**CRUM\_LYNNE\_138**

Delaware County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Upgraded animal protection

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

Installed additional fuses

**Planned:**

Remedial efforts completed

**DALEVILLE\_342**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed 2- three phase reclosers

**Planned:**

Remedial efforts completed

**DAVISVILLE\_003**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Replaced switch

**Planned:**

Remedial efforts completed

**DUTTON\_001**

Delaware 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

Upgraded transformer

Installed additional lightning protection

Installed additional fuses

**Planned**

Remedial efforts completed

**ELKINS\_PARK\_011**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Tested/ Inspected recloser operation

Upgraded secondary wire

Completed regularly schedule tree clearance

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

Installed 2-three phase reclosers

**Planned:**

Remedial efforts completed

**EMILIE\_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 work orders

Installed wildlife protection

Installed additional fusing

Installed compact single phase recloser

Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**EMILIE\_133**

Bucks 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

Upgraded secondary wire

Installed lightning protection

Installed 3 phase recloser and tie

**Planned:**

Remedial efforts completed

**FIN\_001**

York County

**Completed**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Upgraded lightning protection

Performed regularly schedule tree clearance

Install 3 phase recloser on supply line

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

**Planned**

Remedial efforts completed.

**FLINT\_144**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Performed regularly scheduled tree clearance

Upgraded fuse coordination

Installed additional fuses

Upgraded transformer

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

**Planned:**

Remedial efforts completed

**FOX\_CHASE\_133**

Philadelphia County

**Completed:**

Completed regularly scheduled tree clearance.

Performed regularly scheduled tree clearance

Installed additional fuses

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

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**HAGYS\_004**

Delaware County

**Completed:**

Performed regularly scheduled tree clearance

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Installed additional lightning protection

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

**Planned:**

Remedial efforts completed

**HEATON\_139**

Montgomery County

**Completed:**

Installed additional fuses

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 transformer

**Planned:**

Remedial efforts completed

**HEATON\_164**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

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

**Planned:**

Remedial efforts completed.

**HEATON\_169**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Upgraded transformer

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

Installed three phase recloser

**Planned:**

Remedial efforts completed

**ISLAND\_ROAD\_136**

Philadelphia County

**Completed**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Installed additional fuses

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**JENKINTOWN\_139**

Montgomery County

**Completed:**

Completed reliability corrective work orders

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

Inspected circuit visually and with thermographic camera

Installed additional fusing

Upgraded secondary wire

Installed faulted circuit indicators

Installed 3-single phase reclosers

Replaced underground cable

Installed faulted circuit indicators

Installed additional animal protection

Upgraded aerial cable

**Planned:**

Remedial efforts completed

**Planned:**

**JENKINTOWN\_140**

Montgomery County

**Completed:**

Completed reliability corrective work orders  
Installed sectionalizing devices  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Inspected circuit visually and with thermographic camera  
Performed regularly schedule tree clearance  
Test/Inspect recloser operation  
Installed additional fuses

**Planned:**

Remedial efforts completed

**JENNERSVILLE\_341**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**KAOLIN\_001**

Chester County

**Completed:**

Completed reliability corrective work orders  
Inspected circuit visually and with thermographic camera  
Added lightning protection to supply circuit  
Inspected selected areas of circuit for vegetation issues and corrected as needed

**Planned:**

Remedial efforts completed.

**KAOLIN\_003**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Completed reliability corrective work orders  
Upgraded fuses coordination  
Inspect/Test recloser operation

**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 correct as needed  
Completed reliability corrective work orders  
Installed wildlife protection  
Installed additional fuses

**Planned:**

Remedial efforts completed

**KENNETT\_SQUARE\_001**

Chester 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 transformer

**Planned:**

Remedial efforts completed

**KENNETT\_SQUARE\_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 work orders

**Planned:**

Remedial efforts completed

**KENNETT\_SQUARE\_005**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

**Planned:**

Remedial efforts completed.

**KERBAUGH\_005**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

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

Inspected circuit visually and with thermographic camera

Upgraded transformers

Installed additional fuses

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**KERBAUGH\_009**

Philadelphia County

**Completed:**

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

Inspected circuit visually and with thermographic camera

Installed additional fusing

Upgraded lightning protection

Completed reliability corrective work orders

Performed regularly scheduled tree clearance

**Planned:**

Remedial efforts completed

**LANDENBERG\_000**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed 1 phase recloser

**Planned:**

Remedial efforts completed.

**LENAPE\_341**

Chester County

**Completed:**

Completed reliability corrective work orders

Performed regularly schedule tree clearance

Test/Inspect recloser operation

Inspected circuit visually and with thermographic camera

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

Installed-3 phase recloser

**Planned:**

Remedial efforts completed

**LENAPE\_344**

Chester County

**Completed:**

Completed reliability corrective work orders

Performed regularly schedule tree clearance

Inspected circuit visually and with thermographic camera

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

Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**LENAPE\_351**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed single-phase recloser

Performed regularly schedule tree clearance

Installed additional fuses

Installed additional lightning protection

Installed three-phase recloser

Tested/Inspected recloser operation

**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 correct as needed  
Completed reliability corrective work orders  
Installed wildlife protection  
Installed 3 phase recloser  
Installed lightning protection  
Installed additional fusing

**Planned:**

Remedial efforts completed

**LINE\_1100CL**

Chester County

**Completed:**

Installed additional lightning protection  
Installed wildlife protection  
Test/ Repair switch  
Checked/Repaired switch operation  
Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Installed 2-3-phase reclosers

**Planned**

Remedial efforts completed.

**LINE\_2200CR**

Chester County

**Completed:**

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

**Planned**

Remedial efforts completed.

**LINE\_2241**

Philadelphia County

**Completed:**

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

**Planned**

Remedial efforts completed

**LINE\_2445**

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  
Replaced underground cable  
Installed switch

**Planned:**

Remedial efforts completed

**LINE\_300CR**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Test/Repair switch

Installed 3 phase recloser and tie recloser

**Planned**

Remedial efforts completed. .

**LINE\_4600PB**

Chester County

**Completed:**

Completed reliability corrective work orders

Checked / Repaired recloser operation

Inspected circuit visually and with thermographic camera

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

**Planned**

Remedial efforts completed

**LINE\_518**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

**Planned**

Remedial efforts completed.

**LINE\_7200WH**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Performed regularly scheduled tree clearance

**Planned**

Remedial efforts completed

**LINE\_734**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Performed regularly schedule tree clearance

Inspected circuit visually and with thermographic camera

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

Installed additional lightning protection

**Planned**

Remedial efforts completed

**LINFIELD\_000**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed additional fuses

Upgraded lightning protection

**Planned**

Remedial efforts completed

**LINTON\_342**

Bucks County

**Completed:**

Completed reliability corrective work orders

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

Inspected circuit visually and with thermographic camera

Upgrade lightning protection

**Planned:**

Remedial efforts completed

**LYNDELL-000**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed additional fuses

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

Installed additional lightning protection

**Planned**

Remedial efforts completed

**MACDADE\_137**

Delaware County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Replaced aerial wire

Upgraded aerial wire

**Planned:**

Remedial efforts completed

**MALL\_058**

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:**

Upgraded transformer/ underground wires

**MALVERN\_001**

Chester 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 3 phase recloser

Upgraded transformer

Installed additional fuses

**Planned:**

Remedial efforts completed

**MARKLEY\_133**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

Installed wildlife protection

Completed reliability corrective work orders

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

Install 3 phase recloser and tie

Installed single phase recloser

Test/Inspect recloser operation

**Planned:**

Remedial efforts completed

**MARPLE\_138**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Installed additional lightning protection

Upgraded lightning protection

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

**Planned:**

Remedial efforts completed

**MARSHALLTON-002**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed 2-three-phase reclosers

Upgraded fuse coordination

**Planned:**

Remedial efforts completed

**MEDIA\_011**

Delaware County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Performed regularly schedule tree clearance

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

Installed 3 phase recloser

**Planned**

Remedial efforts completed

**MONROE\_004**

Delaware County

**Completed:**

Completed reliability corrective work orders  
Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Installed additional lightning protection  
Installed additional fuses  
Upgraded primary wire  
Performed regularly schedule tree clearance  
Installed additional wildlife protection

**Planned:**

Remedial efforts completed

**MONROE\_005**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Completed reliability corrective work orders  
Upgraded transformer  
Installed compact single phase recloser

**Planned:**

Remedial efforts completed

**NEWLINVILLE\_343**

Chester County

**Completed:**

Completed reliability corrective work orders  
Inspected circuit visually and with thermographic camera  
Installed compact single phase recloser  
Installed single-phase recloser

**Planned:**

Remedial efforts completed.

**NEWLINVILLE\_344**

Chester County

**Completed**

Completed reliability corrective work orders  
Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Upgraded lightning protection  
Upgraded fuses  
Complete reliability corrective work orders  
Install single phase recloser

**Planned**

Remedial efforts completed

**NEWLINVILLE\_351**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed additional lightning protection

Inspect/test recloser operation

**Planned:**

Remedial efforts completed.

**NEWLINVILLE\_353**

Chester County

**Completed**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

**Planned:**

Remedial efforts completed.

**NORRISTOWN\_009**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Upgrade transformer

**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 correct as needed

Completed reliability corrective work orders

Installed (2) three -phase recloser

**Planned:**

Remedial efforts completed

**OLIVE\_001**

Chester County

**Completed:**

Completed reliability corrective work orders

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

Inspected circuit visually and with thermographic camera

Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**OLIVE\_004**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Installed additional lightning protection

Installed additional fuses

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

**Planned:**

Remedial efforts completed

**PARKESBURG\_001**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Install 3-phase recloser

**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 correct as needed

Completed reliability corrective work orders

Performed regularly schedule tree clearance

Test/Inspect recloser operation

**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 correct as needed

Completed reliability corrective work orders

Installed animal protection

Upgraded fuses

Upgrade underground wires

**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 correct as needed

Completed reliability corrective work orders

Installed (3) single phase recloser

Replaced switch

Installed additional lightning protection

Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**PLYMOUTH\_148**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Install 3 phase recloser

Upgraded wildlife protection

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

Install 3 phase recloser

**Planned:**

Remedial efforts completed

**PULASKIE\_135**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed additional fusing

Upgraded lightning protection

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

**Planned:**

Remedial efforts completed

**PULASKIE\_136**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed additional fusing

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

**Planned:**

Remedial work completed

**RADNOR\_131**

Delaware County

**Completed:**

Completed reliability corrective work orders

Performed regularly schedule tree clearance

Inspected circuit visually and with thermographic camera

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

Install additional fuses

**Planned:**

Remedial work completed

**RICHMOND\_132**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Replaced cable

Performed regularly schedule tree clearance

Installed additional fuses

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

**Planned:**

Remedial efforts completed

**RICHMOND\_137**

Philadelphia 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

Install additional fuses

Performed regularly schedule tree clearance

Installed (2) three phase reclosers

Upgraded transformers

**Planned**

Remedial efforts completed.

**RODGERS\_131**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

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

**Planned:**

Remedial efforts completed

**RUSHLAND\_000**

Bucks County

**Completed**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

Upgraded transformers

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

Tested/Inspected recloser operation

**Planned:**

Remedial efforts completed.

**SADSBURY\_000**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Install 3 phase recloser

Install additional lightning protection

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

**Planned:**

Remedial work completed

**SAVILLE\_134**

Delaware County

**Completed:**

Completed reliability corrective work orders

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

Installed additional fusing

Install single phase recloser

**Planned:**

Remedial efforts completed

**SOLEBURY\_001**

Bucks County

**Completed:**

Install additional fuse

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Upgrade primary wire

Upgraded fuse coordination

**Planned**

Remedial work completed

**SPROUL\_001**

Delaware County

**Completed**

Completed reliability corrective work orders

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

Inspected circuit visually and with thermographic camera

**Planned:**

Remedial efforts completed

**STREET\_000**

Chester County

**Completed:**

Completed reliability corrective work orders

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

Inspected circuit visually and with thermographic camera

Upgrade transformer

Performed regularly schedule tree clearance

Installed 2- three phase reclosers

Installed compact single phase recloser

Installed additional fuses

**Planned:**

Remedial work completed

**SUNNYBURN\_002**

York County

**Completed**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Upgraded aerial cable

Performed regularly schedule tree clearance

Upgraded transformer

Installed additional lightning protection

**Planned:**

Remedial efforts completed

**SUSQUEHANNA\_341**

York County

**Completed:**

Completed reliability corrective work orders  
Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Performed regularly schedule tree clearance  
Replaced switch  
Installed additional lightning protection

**Planned:**

Remedial work completed

**TABOR\_136**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**TOKENA\_002**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective work orders  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Upgraded lightning protection

**Planned**

Remedial efforts completed.

**TREVOSE\_138**

Bucks County

**Completed:**

Completed reliability corrective work orders  
Install compact single phase recloser  
Upgraded secondary wire  
Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and correct as needed  
Installed additional animal protection  
Upgraded secondary wire

**Planned:**

Remedial efforts completed

**TROOPER\_001**

Montgomery County

**Completed:**

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

**Planned:**

Remedial work completed

**TURK\_000**

Bucks County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed additional fusing

Upgraded fusing

**Planned:**

Remedial efforts completed.

**WAGONTOWN\_000**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Upgraded transformer

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

**Planned:**

Remedial efforts completed

**WALLACE\_000**

Chester County

**Completed:**

Completed reliability corrective workorders

Inspected circuit visually and with thermographic camera

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

Installed additional fuses

**Planned:**

Remedial efforts completed

**WARMINSTER\_142**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Installed 3- single phase reclosers

Upgraded fuses

Installed wildlife protection

Upgraded aerial wire

**Planned**

Remedial efforts completed.

**WAWA\_000**

Delaware County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed additional lightning protection

Performed regularly schedule tree clearance

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

Upgraded lightning protection

Installed additional lightning protection

**Planned**

Remedial work completed

**WAYNE\_134**

Delaware County

**Completed:**

Completed reliability corrective work orders

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

Installed 6 single phase reclosers

Performed regularly schedule tree clearance

**Planned:**

Remedial efforts completed.

**WHITEMARSH\_133**

Montgomery County

**Completed:**

Completed reliability corrective work orders

Installed wildlife protection

Installed 3- single phase reclosers

Upgraded aerial wire

Performed regularly schedule tree clearance

Inspected circuit visually and with thermographic camera

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

Installed 2-three-phase reclosers

**Planned:**

Remedial work completed

**WICKER\_001**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

**Planned**

Remedial efforts completed

**WILLOWDALE\_002**

Chester County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

**Planned**

Remedial work completed

**WORTH\_000**

Bucks County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Install additional fuses

Installed 3 phase recloser

**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).