



An Exelon Company

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July 31, 2015

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

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

Dear Secretary Chiavetta:

Enclosed is PECO's 2015 Quarterly Reliability Report for the period ending June 30, 2015, submitted pursuant to the Electric Service Reliability Regulations at 52 Pa. Code Chapter 57.

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

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

Sincerely,

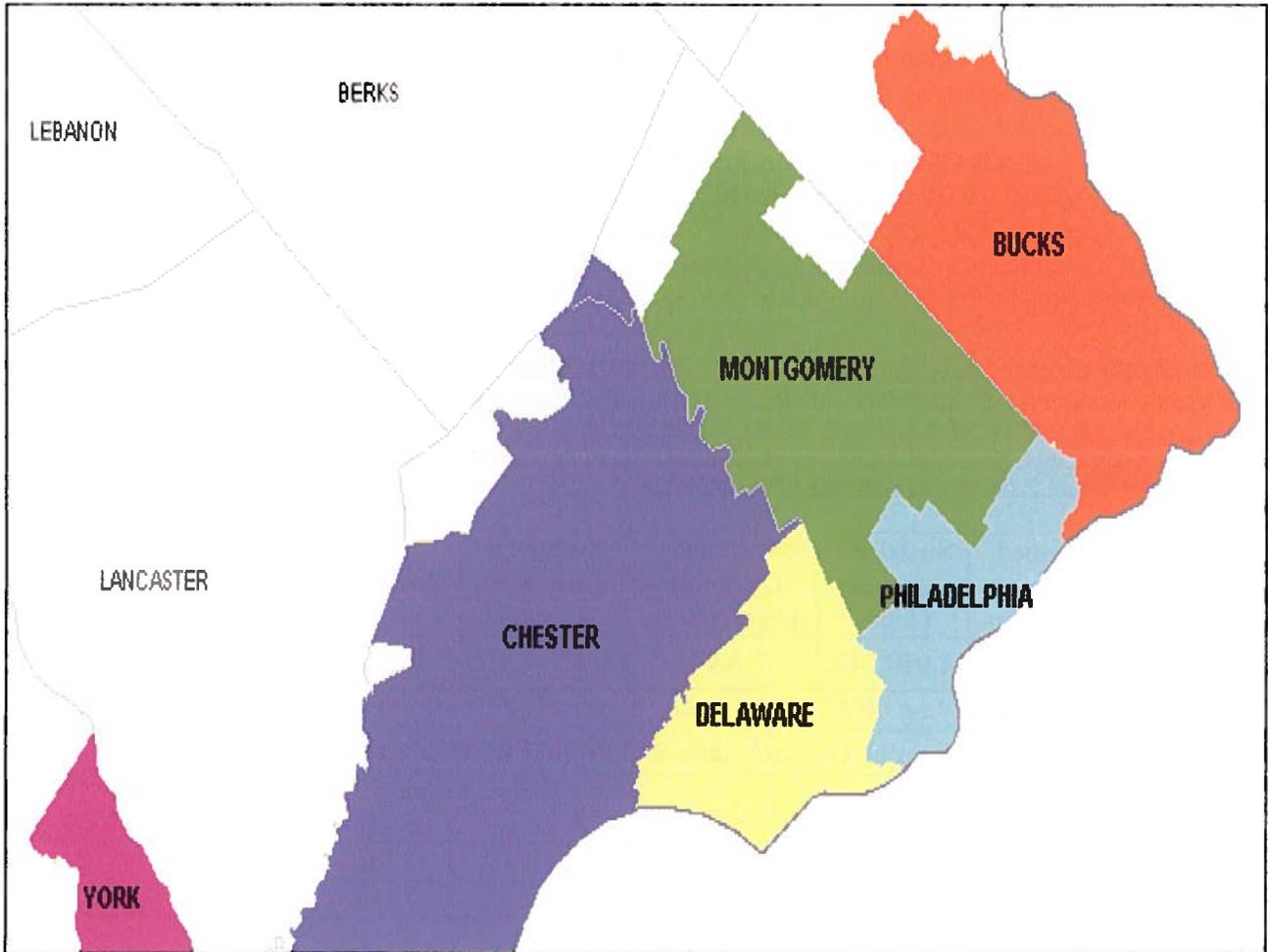
A handwritten signature in black ink, appearing to read "R. Webster", with a wavy underline.

Enclosure

SAN/mec



**PECO Energy Company  
Quarterly Reliability Report  
For Period Ending June 30, 2015**



**August 1, 2015**

**PECO Energy ("PECO")**

**Quarterly Reliability Report for the Period Ending June 30, 2015 filed with the Pennsylvania Public Utility Commission.**

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

**Section 57.195(e)(1)** "A description of each major event that occurred during the preceding quarter, including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future."

A wind and lightning storm hit the PECO service territory on June 23 interrupting service to 352,763 customers and causing extensive damage to electric facilities. PECO employees were joined in the restoration effort by more than 1,500 workers from Ohio, Kentucky, West Virginia and New York through contractors and the mutual assistance groups PECO belongs to: North Atlantic Mutual Assistance Group (NAMAG) and Southeast Electric Exchange (SEE). PECO made extensive use of a number of effective storm methodologies, including: "Sub-Centers" to assemble crews as close as possible to affected areas, "Feeder-SPOC" to provide a concentration of resources and system control to localized areas of extreme damage, and "Mutual Assistance" to quickly and significantly supplement field resources.

**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
1,721,865	1,310,047	1,970,242	716,946	118,214,515	0.76	90	69	0.42

\*Data reflects 12 months ending 06/30/2015 pending approval of Major Event Exclusion request.

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

SAIFI, CAIDI and SAIDI are below their respective benchmarks and standards established on May 7, 2004. No benchmark or standard was established for MAIFI.

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

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

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

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

**Section 57.195(e)(5)** “A Rolling 12-month breakdown and analysis of outage causes during the preceding quarter, including the number and percentage of service outages, the number of customers interrupted, and customer interruption minutes categorized by outage cause such as equipment failure, animal contact, tree related, and so forth. Proposed solutions to identified service problems shall be included.”

12 Months Ending June 30, 2015					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	903	8.80%	32,065	2.40%	2,043,940
Contact/Dig-In	111	1.10%	26,211	2.00%	1,518,788
Equipment Failure	4,524	44.00%	617,842	47.20%	53,729,732
Lightning	510	5.00%	63,537	4.80%	10,504,511
Other	1,107	10.80%	131,811	10.10%	7,540,384
T&S	7	0.10%	25,496	1.90%	1,321,105
Unknown	431	4.20%	61,708	4.70%	4,112,221
Vegetation-Broken/Uprooted	1,581	15.40%	225,450	17.20%	24,123,596
Vegetation-Ingrowth	729	7.10%	50,075	3.80%	7,147,404
Vehicles	374	3.60%	76,146	5.80%	6,205,507

\*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 (17.2% of all customer interruptions), as opposed to ingrowth (3.8% of all outage customer interruptions). PECO has continued to supplement its regularly scheduled vegetation management cycle with mid-cycle and 34 kV pruning programs and a hazard tree removal program.

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

Predictive and Preventive Maintenance Program – status as of 6/30/2015					
	2 <sup>nd</sup> Quarter Tasks		YTD Tasks		2015 Total Planned
	Planned	Complete	Planned	Complete	
Recloser Inspections (Number of reclosers inspected)	39	128	78	230	152
Circuit Patrol & Thermography (Number of circuits patrolled)	343	1,138	943	1,932	943
Pole Inspections (Number of poles visually inspected)	23,099	18,348	32,099	39,344	32,099
Padmount Transformers (Number of transformers visually inspected)	2,550	3,413	4,300	4,655	8,667
Below Ground Transformers (Number of transformers visually inspected)	600	895	1,050	2,130	1,601
Substations (Number of substations inspections performed.(e.g. visual inspection, reading of currents, voltages, temperature etc) for a variety of substation components)	330	347	660	686	1,320
Unit Substations ( Number of unit substations inspections performed .(e.g. visual inspection, reading of currents, voltages, temperature etc) for a variety of substation components)	770	836	1,539	1,570	3,090

Vegetation Management Preventive Maintenance Program – status as of 6/30/15					
	2 <sup>nd</sup> Quarter Miles		YTD Miles		2015 Total Planned
	Planned	Complete	Planned	Complete	
Distribution Lift and Manual Trimming	767	991	1,312	1,551	2,297
Transmission Trimming and Removals	49	70	97	120	197

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

\$Millions	Budgeted 2 <sup>nd</sup> Quarter	Actual 2 <sup>nd</sup> Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$0.3	\$0.6	\$0.5	\$1.2
Capacity Expansion	\$1.8	\$1.6	\$2.7	\$2.3
System Performance	\$11.9	\$10.9	\$23.8	\$17.6
Facility Relocation	\$0.2	\$0.2	\$0.3	\$0.3
Maintenance	\$43.7	\$45.9	\$88.4	\$98.8
Total	\$57.9	\$59.2	\$115.7	\$120.2

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

\$Millions	Budgeted 2 <sup>nd</sup> Quarter	Actual 2 <sup>nd</sup> Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$11.5	\$11.0	\$19.9	\$21.2
Capacity Expansion	\$21.9	\$16.2	\$41.5	\$36.4
System Performance	\$27.1	\$22.4	\$45.9	\$40.0
Facility Relocation	\$3.5	\$2.3	\$6.9	\$5.1
Maintenance	\$22.7	\$28.6	\$43.9	\$51.0
Total	\$86.7	\$80.5	\$158.1	\$153.7

**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 June 30, 2015 was as follows:

Aerial Lineman	374
Underground Lineman (Include UTS)	54
Transmission / Substation Mechanics, Operators	106
Energy Technicians	102
Aerial Foreman	60
Underground Foreman	18
Transmission / Substation Foreman	27
ET Foreman	5
	746

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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
ARDMORE_016	638	1.04	113	118	0	663	1254	0
ARDMORE_018	530	0	0	0	0	0	0	0
BALA_136	367	0.12	146	18	0	45	109	0
BEIDLER_131	326	2.99	36	109	0	976	590	0
BERWYN_001	367	1.63	118	192	5.25	598	1172	1928
BOOTH_001	859	4.98	66	330	1	4282	4728	860
BRADFORD_342	2,233	0.46	130	60	0	1032	2228	2
BRADFORD_343	615	2.02	74	149	0.07	1241	1529	44
BRYN MAWR_147	1,586	1.77	45	80	0.51	2810	2104	812
BUCKINGHAM_343	1,950	0.86	165	143	1	1686	4638	1949
BUCKINGHAM_344	1,548	0.44	103	45	1.48	676	1164	2295
BUCKINGHAM_352	2,485	0.65	87	57	0.69	1619	2352	1722
BUCKINGHAM_362	3,416	1.52	26	39	1.51	5194	2212	5174
BYBERRY_134	1,951	1.78	107	191	0.98	3470	6217	1916
BYBERRY_148	1,891	0.99	98	97	1	1874	3045	1895
BYBERRY_162	1,397	1.97	88	174	0.56	2759	4059	781
CALN_000	533	1.37	77	106	1	729	937	534
CEDARBROOK_133	1,357	3.16	50	158	0.22	4284	3565	298
CHICHESTER_132	1,211	3.13	58	183	1.5	3788	3684	1817
COATESVILLE_001	877	1.87	50	94	1	1638	1377	877
CONCORD_347	1,313	0.84	180	151	0.11	1102	3314	139
CRESCENTVILLE_134	1,835	0.18	127	23	0	333	706	0
DOE RUN_000	434	0.08	447	35	0	34	253	0
EAGLE_342	2,210	3.18	60	190	1.86	7020	7015	4104
EDDINGTON_142	1,181	1.85	88	164	0	2190	3222	0
EDGMONT_002	803	4.26	78	332	1	3420	4438	802
EDGMONT_133	1,936	2.85	404	1152	1.76	5517	37185	3413
ELLIS_001	744	4.17	74	310	2	3106	3848	1486
FALLS_341	986	0.24	9	2	0	234	37	0
FOX CHASE_140	1,444	4.14	56	232	0	5974	5576	0
GERMANTOWN_013	1,267	1.43	52	74	0	1807	1569	1
GERMANTOWN_014	566	3.19	59	189	0	1806	1784	0
GLADWYNE_138	595	4.26	64	272	1.57	2536	2699	932
GOSHEN_343	1,521	2.23	143	319	2.05	3393	8075	3113
GOSHEN_351	1,936	1.59	99	156	1.98	3069	5046	3826
HAGYS_002	171	2.00	98	196	1	342	559	171
HOLMESBURG_143	768	1.73	67	116	0.44	1331	1491	341
JENKINTOWN_139	989	0.74	94	70	0	731	1149	0
JENKINTOWN_142	1,910	2.00	45	90	1	3818	2851	1907
JENKINTOWN_143	1,555	3.25	42	136	1.3	5048	3536	2019
JENKINTOWN_144	1,923	0.38	129	49	0	726	1561	0
JENKINTOWN_146	1,369	1.85	50	92	0.56	2537	2097	764
KLEYONA_003	476	2.97	96	286	0.01	1413	2267	6
LANGHORNE_002	645	1.02	48	49	4	661	528	2580
LARCHMONT_001	158	5.00	93	465	2	790	1224	316
LARCHMONT_007	530	6.55	90	590	1.18	3472	5214	627

CIRCUIT	CUSTOMERS ON CIRCUIT	12 Month Rolling Circuit SAIFI	12 Month Rolling Circuit CAIDI	12 Month Rolling Circuit SAIDI	12 Month Rolling Circuit MAIFI	12 Month Rolling Customers Interrupted	12 Month Rolling Customer Hours	12 Month Rolling Momentary Customers Interrupted
LINE_1099	2,237	2.47	74	183	0.27	5516	6827	611
LINE_116_00BM	518	4.46	143	636	2	2311	5492	1038
LINE_1300CR	2,235	0.62	69	43	0.01	1396	1615	33
LINE_132_00WO	898	4.06	108	440	1.49	3644	6580	1336
LINE_161_00CO	1,257	0.64	88	56	0	805	1181	0
LINE_188_00EM	153	1.01	266	270	1.31	155	687	200
LINE_189_00EM	912	2.18	106	231	0	1984	3515	0
LINE_2252	330	3.24	67	218	0.05	1070	1200	18
LINE_2263	12	2.08	184	384	0.92	25	77	11
LINE_2475	2,643	0.13	55	7	0.89	338	310	2359
LINE_2476	588	3.08	57	176	0	1813	1726	0
LINE_2507	1,966	1.53	30	46	0.69	2999	1521	1352
LINE_2682	2,012	2.01	72	146	0	4053	4889	8
LINE_3331	1	2.00	127	254	0	2	4	0
LINE_4100PB	1,611	1.04	59	62	1.9	1678	1653	3062
LINFIELD_000	805	3.03	63	190	1	2443	2556	806
LINTON_341	2,437	0.96	116	111	0.2	2328	4517	486
LINTON_342	2,977	1.49	51	75	0.16	4434	3738	469
LINTON_343	4,294	3.00	62	187	0.14	12897	13394	584
LINTON_351	2,470	2.82	105	297	1.23	6973	12237	3047
LLANERCH_131	1,939	1.80	133	239	0	3481	7712	0
LLANERCH_142	640	1.62	89	144	0	1039	1539	0
LLANERCH_147	2,341	2.32	64	149	0.02	5431	5796	36
LLANERCH_164	1,695	1.10	38	41	0	1863	1165	0
MACDADE_148	1,597	0.89	50	44	0.55	1418	1177	879
MARPLE_004	298	1.21	54	66	0	361	326	0
MARSHALLTON_002	535	2.93	84	245	0	1567	2183	0
MIDDLETOWN_131	687	3.73	113	423	0	2563	4840	0
MIDDLETOWN_142	1,395	2.02	80	162	0	2817	3768	0
MIDDLETOWN_352	1,960	3.36	132	444	0.7	6576	14491	1366
MOON_003	609	1.51	117	176	3	919	1789	1827
MORRISVILLE_012	833	7.00	39	270	2	5832	3747	1668
MORTON_142	1,312	2.13	44	95	0.59	2798	2072	768
MOSER_013	1,005	1.18	54	64	0	1181	1071	1
NESHAMINY_132	1,421	1.61	233	375	0.03	2291	8887	46
NESHAMINY_143	2,141	0.27	199	54	0	580	1925	0
NESHAMINY_162	923	1.73	161	279	0.56	1600	4293	521
NEWTOWN_SQUAR_131	671	1.95	141	275	1.46	1308	3081	980
NEWTOWN_SQUAR_133	795	1.33	150	200	1.41	1058	2652	1122
NOLAN_001	922	5.34	73	389	0.41	4927	5983	375
NORTH_PHILADE_133	1,026	0.07	71	5	0	75	89	0
NORTH_WALES_342	3,841	1.83	170	312	0.35	7040	19945	1351
NORTH_WALES_344	1,002	0.32	195	62	0	317	1029	0
NORTH_WALES_361	1,862	2.98	73	216	0.14	5557	6716	252
NORTH_WALES_363	3,388	1.66	51	85	1.49	5622	4798	5041
NOTTINGHAM_011	262	2.92	300	878	1	766	3833	262
OAKMONT_008	519	0.24	50	12	1	124	104	519
PEACH_BOTTOM_361	330	1.27	282	359	1.31	419	1972	431
PENTRIDGE_013	1,398	0.01	23	0	0.01	10	4	8
PERKIOMEN_354	2,825	2.52	111	279	1.55	7112	13146	4376

CIRCUIT	CUSTOMERS ON CIRCUIT	12 Month Rolling Circuit SAIFI	12 Month Rolling Circuit CAIDI	12 Month Rolling Circuit SAIDI	12 Month Rolling Circuit MAIFI	12 Month Rolling Customers Interrupted	12 Month Rolling Customer Hours	12 Month Rolling Momentary Customers Interrupted
PLANE BROOK 344	1,880	1.77	76	134	1.21	3327	4190	2273
PLYMOUTH 134	1,516	0.96	43	42	0.71	1459	1049	1075
PLYMOUTH 172	2,398	0.70	92	64	0	1682	2575	0
RICHMOND 138	1,387	3.75	47	178	0	5203	4111	0
SCOTT 001	246	1.04	80	83	0	256	340	0
SCOTT 002	296	0.55	88	49	1	163	240	295
SHIP 002	735	2.07	55	114	0	1519	1391	0
SLATE 000	142	2.02	289	585	1.01	287	1384	143
SOLEBURY 001	505	1.86	73	136	0	938	1143	0
SUNNYBURN 001	453	0.22	264	59	2.04	101	444	926
THOMSON 004	123	1.01	641	646	1.01	124	1324	124
UNIVERSITY 131	2,598	1.71	61	104	1.41	4444	4505	3662
WALLACE 000	238	4.29	72	307	1	1020	1219	238
WAYNE 141	1,880	2.55	102	260	1.21	4803	8139	2283
WAYNE 143	847	2.53	103	260	1.11	2145	3674	940
WEST BUCK 002	571	0.09	230	20	0	49	188	0
WEST OAK LANE 013	676	5.18	47	243	0	3501	2735	0
WOODBOURNE 352	658	1.49	211	315	1.03	981	3457	681

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 06/30/15

### **ARDMORE\_016**

Delaware County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Upgraded fuses

#### **Planned:**

Remedial efforts completed

### **ARDMORE\_018**

Delaware County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Upgraded fuses

#### **Planned:**

Remedial efforts completed

### **BALA\_136**

Philadelphia County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

#### **Planned:**

Remedial efforts completed

### **BEIDLER\_131**

Montgomery County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

#### **Planned**

Remedial efforts completed

### **BERWYN\_001**

Chester County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

#### **Planned:**

Remedial efforts completed

**BOOTH\_001**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Upgraded transformer

Check tie operation

**Planned:**

Remedial efforts completed

**BRADFORD\_342**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed regularly scheduled tree trimming

Completed reliability corrective workorders

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**BRADFORD\_343**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed 3 phase recloser

Inspected / Tested recloser operation

Completed regularly scheduled tree trimming

**Planned:**

Complete reliability corrective workorders

Install 3 phase recloser

**BRYN MAWR\_147**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Reconfigure circuit for better automatic transfer

Upgraded animal protection

Installed compact single phase sectionalizer

**Planned:**

Install 3 phase recloser

Replace cable section

**BUCKINGHAM\_343**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Completed regularly scheduled tree trimming

**Planned:**

Complete reliability corrective workorders

Reconfigure recloser operation

**BUCKINGHAM\_344**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuses

Completed regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**BUCKINGHAM\_352**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Upgraded secondary wires

**Planned:**

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

**BUCKINGHAM\_362**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Upgraded transformer

Installed 3 phase recloser

Installed tree wire

Upgraded main

**Planned:**

Remedial efforts completed

**BYBERRY\_134**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Install additional fuses

Upgraded cable

**Planned:**

Complete reliability corrective workorders

**BYBERRY\_148**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Installed additional fuses

**Planned:**

Remedial efforts completed

**BYBERRY\_162**

Bucks County

**Completed:**

Inspected circuit and with thermographic camera

Completed reliability corrective workorders

Upgraded transformer

**Planned:**

Complete reliability corrective workorders

Inspect circuit breaker operation

**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

**Planned:**

Complete reliability corrective workorders

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

Upgrade fuse

**CEDARBROOK\_133**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded transformer

Coordinate fuses

**Planned:**

Remedial efforts completed

**CHICHESTER\_132**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**COATSVILLE\_001**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional transformer

**Planned:**

Remedial efforts completed

**CONCORD\_347**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Install 3 phase recloser

**CRESCENTVILLE\_134**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Coordinate fuses

Upgraded lightning protection

Upgraded cable insulation

**Planned:**

Remedial efforts completed

**DOE\_RUN\_000**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed faulted circuit indicators

**Planned:**

Remedial efforts completed

**EAGLE\_342**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Inspect recloser operation

Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**EDDINGTON\_142**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Replaced cable

**Planned:**

Complete reliability corrective workorders

**EDGMONT\_002**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Complete reliability corrective workorders

Installed sectionalizing devices

Installed recloser on circuit supply

**Planned:**

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

**EDGMONT\_133**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Installed animal protection

Install additional fuses

**Planned:**

Remedial efforts completed

**ELLIS\_001**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Install additional fuses

**Planned:**

Install 3 phase recloser

**FALLS\_341**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed tie and 3 phase recloser

**Planned:**

Remedial efforts completed

**FOX CHASE\_140**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed animal protection

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**GERMANTOWN\_013**

Philadelphia County

**Completed:**

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

**Planned:**

Install additional fuses  
Complete reliability corrective workorders

**GERMANTOWN\_014**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**GLADWYNE\_138**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Complete reliability corrective workorders  
Installed tree wire  
Replaced cable

**Planned:**

Remedial efforts completed

**GOSHEN\_343**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Installed 3 phase recloser

**Planned:**

Complete reliability corrective workorders

**GOSHEN\_351**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**HAGYS\_002**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Install additional fuse

**Planned:**

Remedial efforts completed

**HOLMESBURG\_143**

Philadelphia County

**Completed:**

Completed reliability corrective workorders

Upgraded cable insulation

Replaced Underground Cable

**Planned:**

Complete reliability corrective workorders

Replace Underground Cable

**JENKINTOWN\_139**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed tree wire

Upgraded switch

Upgraded secondary wire

**Planned:**

Remedial efforts completed

**JENKINTOWN\_142**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuses

**Planned**

Remedial efforts completed

**JENKINTOWN\_143**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded secondary wires

Upgraded transformer

Upgraded fuses

**Planned:**

Remedial efforts completed

**JENKINTOWN\_144**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded fuses

**Planned:**

Remedial efforts completed

**JENKINTOWN\_146**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Upgrade fuse

Complete reliability corrective workorders

**KLEYONA\_003**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded transformers

**Planned:**

Remedial efforts completed

**LANGHORNE\_002**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Completed regularly scheduled tree trimming

Installed tree wire

Reconfigured circuit

**Planned:**

Remedial efforts completed

**LARCHMONT\_001**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Install additional fuse

Inspected/tested recloser operation

**Planned:**

Remedial efforts completed

**LARCHMONT\_007**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded fuses

Upgraded secondary wires

**Planned:**

Remedial efforts completed

**LINE\_1099**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Replaced cable section

Installed additional fusing

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**LINE\_116\_00BM**

Delaware County

Completed:

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Added additional fusing

Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**LINE\_1300CR**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed 3 phase recloser

Replaced cable

Coordinate recloser operation

**Planned:**

Remedial efforts completed

**LINE\_132\_00WO**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Reconfigured underground cables

**Planned:**

Remedial efforts completed

**LINE\_161\_00CO**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Install single phase recloser

Upgraded fuses

**Planned:**

Install 3 phase recloser

**LINE\_188\_00EM**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded transformer

**Planned:**

Remedial efforts completed

**LINE\_189\_00EM**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Replaced switch

**Planned:**

Remedial efforts complete

**LINE\_2252**

Philadelphia County

**Completed:**

Completed reliability corrective workorders

Replaced cable

**Planned:**

Install switch

**LINE\_2263**

Philadelphia County

**Completed:**

Completed reliability corrective workorders

Replaced cable

**Planned:**

Test / Inspect switch setting

**LINE\_2475**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded services

Installed additional fuses

**Planned:**

Install faulted circuit indicators

Completed reliability corrective workorders

**LINE\_2476**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**LINE\_2507**

Delaware County

**Completed:**

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

**Planned:**

Remedial efforts completed

**LINE\_2682**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**LINE\_3331**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Replaced switch  
Test breaker operation  
Completed reliability corrective workorders

**Planned:**

Complete reliability corrective workorders  
Replace cable

**LINE\_4100PB**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Tested / Inspected recloser operation

Replaced cable

Upgraded fuse

**Planned:**

Install 3 phase recloser

**LINFIELD\_000**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**LINTON\_341**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**LINTON\_342**

Bucks County

**Completed**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded fuse

Upgraded transformer

**Planned:**

Remedial efforts completed

**LINTON\_343**

Bucks County

**Completed**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Replaced cable section

Completed regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**LINTON\_351**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuses

**Planned:**

Remedial efforts completed

**LLANERCH\_131**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuse

Upgraded animal protection

**Planned:**

Remedial efforts completed

**LLANERCH\_142**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded cable

Upgraded wildlife protection

Install additional fuse

**Planned:**

Install modified recloser and tie

**LLANERCH\_147**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded transformer

Upgraded secondary wires

**Planned:**

Installed 3 phase recloser

**LLANERCH\_164**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed wildlife protection

Installed fuses

**Planned:**

Remedial efforts completed

**MACDADE\_148**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Upgraded wildlife protection

Upgraded secondary wires

**Planned:**

Remedial efforts completed

**MARPLE\_004**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuse

**Planned:**

Remedial efforts completed

**MARSHALLTON\_002**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Install additional fuses

Trim select areas of circuit

Complete reliability corrective workorders

**MIDDLETOWN\_131**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

### **MIDDLETOWN\_142**

Delaware County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Tested /Inspected switch operation

Upgraded transformer

Installed tree wire

#### **Planned:**

Remedial efforts completed

### **MIDDLETOWN\_352**

Delaware County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Test/Inspect recloser operation

Reconfigure recloser operation

#### **Planned:**

Complete reliability corrective workorders

### **MOON\_003**

Bucks County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Completed regularly scheduled tree trimming

#### **Planned:**

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

Install additional lightning protection

### **MORRISVILLE\_012**

Bucks County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Installed additional lightning protection

Upgraded secondary wires

Completed regularly scheduled tree trimming

#### **Planned:**

Remedial efforts completed

**MORTON\_142**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Inspected recloser operation

**Planned:**

Remedial efforts completed

**MOSER\_013**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

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

Upgrade fuses

Completed reliability corrective workorders

**NESHAMINY\_132**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Replaced cable

**Planned:**

Remedial efforts completed

**NESHAMINY\_143**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded secondary

Upgraded fuses

**Planned:**

Remedial efforts completed

**NESHAMINY\_162**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Replaced underground cable  
Install single phase recloser  
Reconfigure URD configuration

**Planned:**

Complete reliability corrective workorders

**NEWTOWN\_SQUARE\_131**

Delaware County

**Completed:**

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

**Planned:**

Complete reliability corrective workorders  
Inspect selected areas of circuit for vegetation issues and corrected as needed  
Replace cable  
Install 3 phase recloser

**NEWTOWN\_SQUARE\_133**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective work orders  
Inspect selected areas of circuit for vegetation issues and corrected as needed  
Replaced cable section

**Planned:**

Remedial efforts completed

**NOLAN\_001**

Bucks County

**Completed:**

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

**Planned:**

Remedial efforts completed

### **NORTH PHILADELPHIA\_133**

Philadelphia County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Upgraded lightning protection

Install additional fuse

#### **Planned:**

Complete reliability corrective work orders

### **NORTH WALES\_342**

Montgomery County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

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

Replaced cable

Upgraded transformers

Reconfigured underground cables

#### **Planned:**

Remedial efforts completed

### **NORTH WALES\_344**

Montgomery County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective work orders

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

Inspected / tested recloser operation.

#### **Planned:**

Remedial efforts completed

### **NORTH\_WALES\_361**

Montgomery County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuse

Replaced cable

#### **Planned:**

Remedial efforts completed

**NORTH WALES\_363**

Montgomery County

**Completed:**

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

**Planned:**

Remedial efforts completed

**NOTTINGHAM\_011**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**OAKMONT\_008**

Delaware County

**Completed:**

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

**Planned:**

Remedial efforts completed

**PEACH\_BOTTOM\_361**

York County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective work orders  
Installed 3 phase recloser

**Planned:**

Remedial efforts completed

**PENTRIDGE\_013**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuse

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**PERKIOMEN\_354**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**PLANEBROOK\_344**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgrade cable insulation

Upgrade lightning protection

**Planned:**

Complete reliability corrective workorders

**PLYMOUTH\_134**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Test / inspect recloser operation

Upgrade cable insulation

Replaced cable

Upgraded lightning protection

**Planned:**

Complete reliability corrective work orders

**PLYMOUTH\_172**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective work orders  
Installed switch  
Upgraded secondary wires

**Planned:**

Remedial efforts completed

**RICHMOND\_138**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**SCOTT\_001**

Delaware County

**Completed:**

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

**Planned:**

Remedial efforts completed

**SCOTT\_002**

Delaware County

**Completed:**

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

**Planned:**

Remedial efforts completed

**SHIP\_002**

Chester County

**Completed:**

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

**Planned:**

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

**SLATE\_000**

York County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Install additional fuses

**Planned:**

Remedial efforts completed

**SOLEBURY\_001**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed fuse coordination

Completed reliability corrective workorders

Install tree wire

**Planned:**

Remedial efforts completed

**SUNNYBURN\_001**

York County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Installed faulted circuit indicators

**Planned:**

Remedial efforts completed

**THOMSON\_004**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Replaced switch

**Planned:**

Remedial efforts completed

**UNIVERSITY\_131**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Installed animal protection

Installed additional fuses

Replaced cable

Upgraded transformer

**Planned:**

Complete reliability corrective work orders

**WALLACE\_000**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Completed fuse coordination

**Planned:**

Remedial efforts completed

**WAYNE\_141**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Inspected recloser operation

Replaced cable

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**WAYNE\_143**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded cable insulation

**Planned:**

Remedial efforts completed

**WEST\_BUCK\_002**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuse

**Planned:**

Remedial efforts complete

**WEST\_OAK\_LANE\_013**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Upgraded fuse

**Planned:**

Completed reliability corrective workorders

**WOODBOURNE\_352**

Bucks County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Replaced cable

**Planned:**

Remedial efforts completed

## **Appendix C**

### **New Business Connections**

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

### **Capacity Expansion**

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

### **System Performance**

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

### **Facility Relocation**

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

### **Maintenance**

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

### **Storm Funds**

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