



An Exelon Company

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April 30, 2014

**Via Federal Express**

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

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

Dear Secretary Chiavetta:

Enclosed is PECO's 2014 Quarterly Reliability Report for the period ending March 31, 2014, 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.

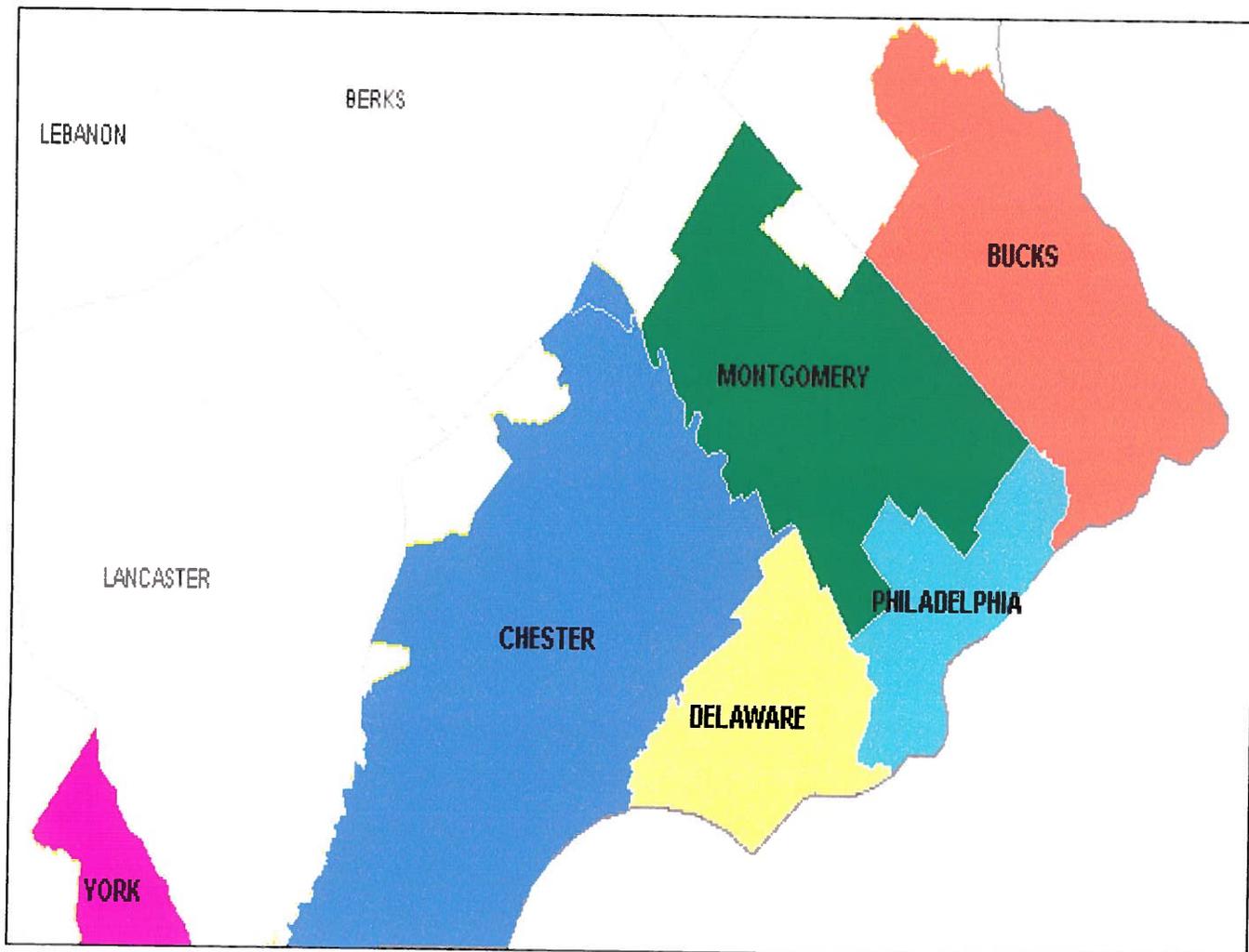
Sincerely,

*Richard G. Webster, Jr. / RAS*

enclosure

SAN/amm

# PECO Energy Company Quarterly Reliability Report For Period Ending March 31, 2014



**May 1, 2014**

**PECO Energy ("PECO")**

**Quarterly Reliability Report for the Period Ending March 31, 2014 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."

An Ice Storm affected 723,681 customers on February 5, 2014. Workers from utilities in Canada and across the country included crews from the company's sister utilities, ComEd in Chicago and BGE in Baltimore, and others from Alabama, Arkansas, Massachusetts, New York and Ohio assisted in restoration efforts, which continued until February 12.

**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
1,710,092	1,385,989	2,155,418	759,500	129,325,064	0.81	93	76	0.44

Data reflects 12 months ending 03/31/2014, and excludes interruptions from the ice storm of February 5.

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 for 2014 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 March 31, 2014					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	924	8.3%	30,426	2.2%	2,400,287
Contact/Dig-In	127	1.1%	17,698	1.3%	1,327,810
Equipment Failure	4,288	38.5%	573,535	41.4%	53,003,895
Lightning	441	4.0%	50,802	3.7%	6,673,421
Other	1,285	11.5%	145,486	10.5%	10,715,037
T&S	17	0.2%	83,796	6.0%	3,977,443
Unknown	475	4.3%	54,870	4.0%	3,768,020
Vegetation-Broken/Uprooted	2,206	19.8%	263,963	19.0%	31,146,104
Vegetation-Ingrowth	988	8.9%	72,541	5.2%	8,553,656
Vehicles	390	3.5%	93,184	6.7%	7,784,975

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

The largest contributors to customer interruptions were equipment failure and tree-related interruptions. The leading groups within the equipment failure category were aerial equipment and underground equipment. Most customer interruptions caused by trees came from broken branches and tree trunks or uprooted trees (19% of all outages), as opposed to ingrowth (5.2%) of all outages). PECO has continued to supplement its regularly scheduled vegetation management cycle with mid-cycle and 34 kV pruning programs and a hazard tree removal program.

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

Predictive and Preventive Maintenance Program – status as of 3/31/2014					
	1 <sup>st</sup> Quarter Tasks		YTD Tasks		2014 Total Planned
	Planned	Complete	Planned	Complete	
Recloser Inspections (Number of reclosers inspected)	39	63	39	63	152
Circuit Patrol & Thermography (Number of circuits patrolled)	600	750	600	750	942
Pole Inspections (Number of poles visually inspected)	19,260	22,412	19,260	22,412	32,099
Padmount Transformers (Number of transformers visually inspected)	1,700	1,178	1,700	1,178	8,667
Below Ground Transformers (Number of transformers visually inspected)	450	825	450	825	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	332	330	332	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)	769	820	769	820	3,090

Vegetation Management Preventive Maintenance Program – status as of 3/31/14					
	1 <sup>st</sup> Quarter Miles		YTD Miles		2014 Total Planned
	Planned	Complete	Planned	Complete	
Distribution Lift and Manual Trimming	700	699	700	699	2,128
Transmission Trimming and Removals	50	44	50	44	200

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

\$Millions	Budgeted 1 <sup>st</sup> Quarter	Actual 1 <sup>st</sup> Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$0.3	\$0.2	\$0.3	\$0.2
Capacity Expansion	\$0.4	\$0.2	\$0.4	\$0.2
System Performance	\$11.0	\$7.9	\$11.0	\$7.9
Facility Relocation	\$0.1	\$0.3	\$0.1	\$0.3
Maintenance	\$45.3	\$51.0	\$45.3	\$51.0
Total	\$57.1	\$59.6	\$57.1	\$59.6

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

\$Millions	Budgeted 1 <sup>st</sup> Quarter	Actual 1 <sup>st</sup> Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$9.8	\$9.1	\$9.8	\$9.1
Capacity Expansion	\$14.8	\$12.4	\$14.8	\$12.4
System Performance	\$16.3	\$11.5	\$16.3	\$11.5
Facility Relocation	\$2.1	\$0.7	\$2.1	\$0.7
Maintenance	\$21.8	\$25.4	\$21.8	\$25.4
Total	\$64.8	\$59.1	\$64.8	\$59.1

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

PECO’s full-time trade staff as of March 31, 2014 was as follows:

Aerial Lineman	364
Underground Lineman (Include UTS)	51
Transmission / Substation Mechanics, Operators	102
Energy Technicians	98
Aerial Foreman	59
Underground Foreman	16
Transmission / Substation Foreman	28
ET Foreman	5
	723

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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
AIRY_004	755	4.06	52	210	1.00	3,067	2,644	755
AMBLER_001	563	2.59	169	438	0.00	1,457	4,105	0
AQUE_000	350	0.45	35	16	0.00	157	93	0
ARDMORE_017	417	3.78	269	1018	0.00	1,577	7,075	0
AVONDALE_002	252	2.95	107	315	0.98	744	1,322	248
BIG_OAK_002	805	2.58	123	318	0.00	2,080	4,266	0
BLUE GRASS_140	1,677	2.46	51	126	0.00	4,131	3,518	1
BLUE GRASS_136	1,218	4.47	53	235	0.67	5,440	4,768	810
BRISTOL_012	882	0.05	48	2	0.00	41	33	0
BRYAN_001	484	5.59	210	1173	0.00	2,706	9,465	0
BRYAN_002	397	5.17	259	1341	0.00	2,052	8,871	0
BRYN MAWR_012	197	4.16	98	410	1.97	820	1,345	388
BUCKNELL_000	476	2.32	47	109	1.00	1,103	866	476
BURHOLME_135	934	3.03	39	119	0.00	2,826	1,857	0
BYBERRY_132	737	1.40	67	94	0.00	1,029	1,153	2
BYBERRY_142	771	3.50	76	267	0.55	2,699	3,427	421
BYBERRY_146	528	1.07	77	83	0.01	567	727	3
CARVER_000	371	2.34	109	254	0.00	868	1,570	0
CLAY_343	1,436	2.50	124	309	1.61	3,592	7,394	2319
CLAY_352	1,409	1.69	128	216	1.54	2,387	5,075	2171
CONCORD_348	1,498	2.82	95	268	0.81	4,228	6,692	1210
DALEVILLE_342	695	2.07	179	369	0.46	1,437	4,278	320
DAVISVILLE_008	212	1.12	312	350	1.00	238	1,237	212
DELTA_001	369	1.79	126	226	0.00	662	1,392	0
DELTA_002	342	7.64	134	1027	0.11	2,614	5,857	38
DOWNINGTOWN_003	986	2.42	211	513	1.00	2,391	8,423	984
EAGLE_352	1,622	2.24	74	165	1.65	3,627	4,452	2683
EDGELY_003	654	6.30	64	403	1.00	4,120	4,392	653
EMILIE_131	474	1.75	18	32	0.00	828	254	0
FALLS_011	327	2.32	58	134	0.00	759	733	0
FLINT_147	166	3.43	104	357	0.01	570	989	1
FOX CHASE_136	844	0.10	349	36	0.00	88	511	0
HAGYS_001	278	3.95	113	445	1.00	1,099	2,063	278
HARMONY_004	389	7.04	89	627	4.47	2,739	4,063	1739
HARMONY_005	1,082	4.18	32	135	1.81	4,528	2,427	1963
HARVEY_002	680	3.02	63	189	1.00	2,054	2,142	679
HAYES_000	403	1.99	114	226	3.93	803	1,519	1584
HEARTWOOD_001	588	1.32	155	205	0.00	779	2,012	2
HEATON_160	222	2.34	50	117	0.00	519	435	0
HENDERSON_001	516	2.28	101	229	0.00	1,175	1,973	0
ISLAND ROAD_136	1,601	2.37	196	464	0.00	3,791	12,377	0
JAMISON_000	312	2.76	72	200	0.00	862	1,037	0
JARRETT_143	735	1.32	70	93	0.00	969	1,136	0
JENKINTOWN_131	1,245	2.79	65	180	1.42	3,472	3,744	1773
KELLER_000	400	2.02	25	50	3.00	806	332	1199
KENNETT SQUARE_001	413	2.21	82	182	1.36	914	1,252	562

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
KING_003	218	3.52	161	566	0.00	767	2,056	0
KING_004	212	2.54	68	173	0.00	539	612	0
KNOWLTON_004	633	1.99	126	251	1.00	1,260	2,644	632
LENAPE_000	476	2.72	217	591	0.26	1,294	4,687	122
LENAPE_344	1,866	1.86	105	195	0.21	3,468	6,057	396
LENAPE_351	1,644	3.21	108	346	2.21	5,283	9,487	3627
LEOPARD_001	467	3.27	78	255	0.99	1,525	1,988	464
LINE_1098	703	3.39	57	194	0.00	2,382	2,276	0
LINE_162_00	1,165	2.12	114	243	0.00	2,472	4,713	0
LINE_175_00CO	338	2.17	183	398	0.00	735	2,244	0
LINE_2235	2,119	2.95	62	182	0.95	6,241	6,423	2009
LINE_2284	338	3.26	60	195	0.10	1,102	1,097	34
LINE_2295	246	3.80	188	715	0.00	934	2,932	0
LINE_2445	525	3.23	150	486	0.00	1,698	4,257	0
LINE_2471	1,131	3.28	74	241	0.00	3,711	4,548	0
LINE_3307NT	1,787	2.75	181	498	4.66	4,906	14,830	8329
LINE_3308NT	961	5.76	140	809	2.12	5,538	12,958	2035
LINE_3341	43	4.09	240	983	0.98	176	704	42
LINE_5800	417	2.54	86	219	5.00	1,059	1,520	2083
LLANERCH_161	1,297	4.60	76	350	0.59	5,960	7,572	765
MACDADE_141	1,171	1.74	44	77	0.11	2,037	1,496	133
MACDADE_143	1,807	0.92	86	79	1.00	1,659	2,374	1806
MAIN_000	71	4.35	144	626	0.00	309	741	0
MARPLE_002	284	2.02	154	311	1.00	575	1,473	284
MATSON_131	798	6.76	61	412	0.30	5,397	5,479	236
MIDDLETOWN_349	2,042	3.57	79	282	3.18	7,287	9,586	6490
MORGAN_001	247	1.00	76	76	4.05	248	314	1000
MORGAN_004	321	3.39	53	180	4.93	1,088	965	1583
MORTON_133	785	3.23	52	169	1.00	2,539	2,205	782
MOSER_341	981	2.89	47	137	0.06	2,839	2,244	60
NEWLINVILLE_353	2,508	2.18	87	189	1.39	5,473	7,907	3474
NEWTOWN_SQUAR_143	1,056	2.28	77	176	1.09	2,403	3,098	1154
NEWTOWN_SQUAR_144	1,549	2.46	39	95	1.42	3,816	2,464	2197
NEWTOWN_SQUAR_146	1,142	4.20	71	298	1.15	4,799	5,672	1309
OAKMONT_002	631	3.01	83	248	1.00	1,899	2,611	631
OVERBROOK_029	163	2.23	26	57	0.00	363	156	0
OVERBROOK_037	1,912	3.00	57	170	0.00	5,740	5,419	0
PHOENIXVILLE_005	990	3.22	79	253	0.60	3,185	4,173	592
PLUMSTEAD_001	337	2.53	55	138	0.00	852	774	0
PLYMOUTH_136	707	4.47	76	339	0.00	3,160	3,995	0
PLYMOUTH_138	986	4.47	54	242	0.40	4,409	3,970	391
PLYMOUTH_139	709	1.90	95	180	1.15	1,349	2,127	813
PLYMOUTH_145	741	2.95	53	157	0.83	2,187	1,940	617
PLYMOUTH_146	1,384	2.64	36	96	0.48	3,655	2,214	667
PLYMOUTH_164	1,369	2.86	35	99	0.32	3,911	2,251	440
RADNOR_131	39	6.03	59	353	0.00	235	229	0
SAVILLE_136	2,585	2.04	85	174	0.40	5,280	7,498	1037
SECANE_003	1,020	1.00	120	120	0.00	1,018	2,036	0
SHEEDER_000	434	3.72	144	537	1.56	1,616	3,884	679
SILES_004	516	0.22	122	27	0.00	114	232	0

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
SMITHBRIDGE_000	481	5.21	50	260	0.00	2,505	2,081	0
SPROUL_003	591	1.61	188	303	1.92	951	2,980	1132
STONY_001	412	2.35	157	368	0.35	968	2,527	143
TAYLOR_002	576	5.01	52	258	0.00	2,885	2,478	0
TREDYFFRIN_132	636	2.87	100	288	1.09	1,828	3,049	691
TULIP_000	457	2.32	38	87	0.65	1,058	663	299
TUNA_143	760	2.12	104	220	0.00	1,610	2,783	0
UNIVERSITY_011	371	0.00	566	2	0.00	1	9	0
UPPER_MERION_132	1,457	0.96	103	99	1.12	1,404	2,411	1635
UPPER_MERION_133	1,152	3.92	62	243	0.00	4,518	4,671	0
WARMINSTER_132	1,001	2.03	84	170	0.30	2,028	2,829	304
WARMINSTER_161	1,539	1.44	55	79	0.59	2,218	2,031	910
WAYNE_134	683	4.42	100	443	1.70	3,020	5,039	1164
WAYNE_136	880	3.85	69	265	2.29	3,387	3,888	2012
WAYNE_146	588	7.32	86	630	2.22	4,305	6,175	1307
WHITAKER_000	245	3.90	88	342	0.00	956	1,396	0
WICKER_001	381	3.49	64	224	0.98	1,331	1,422	373
WYNCOTE_003	210	5.11	125	637	0.02	1,074	2,230	4

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

## Appendix B

Remedial efforts taken and planned for 5% worst performing circuits as of 03/31/14

### **AIRY\_004**

Montgomery County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

#### **Planned:**

Remedial efforts completed

### **AMBLER\_001**

Montgomery County

#### **Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

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

Upgraded wire

#### **Planned:**

Install sectionalizer

Complete reliability corrective workorders

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

### **AQUE\_000**

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

### **ARDMORE\_017**

Delaware County

#### **Completed:**

Completed reliability corrective workorders

Inspected/ repaired switch

#### **Planned**

Remedial efforts completed

### **AVONDALE\_002**

Chester County

#### **Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuses

Upgraded transformer

#### **Planned:**

Remedial efforts completed

**BIG OAK\_002**

Bucks 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

**Planned:**

Install additional fuses

Install faulted circuit indicators

Complete reliability corrective workorders

**BLUE GRASS\_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

Replaced//Upgraded cable

Installed additional fuses

**Planned:**

Complete reliability corrective workorders

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

Install three phase recloser

**BLUE GRASS\_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 / upgraded fuses

**Planned:**

Remedial efforts completed

**BRISTOL\_012**

Bucks 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 wires

**Planned:**

Remedial efforts completed

**BRYAN\_001**

York County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Installed additional fuses

**Planned:**

Installed Faulted circuit indicators

**BRYAN\_002**

York County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed additional fuses

**Planned:**

Remedial efforts completed

**BRYN MAWR\_012**

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

Completed regularly scheduled tree trimming

**Planned:**

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

**BUCKNELL\_000**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Replace aerial cable

**BURHOLME\_135**

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

**Planned:**

Upgrade cable

Install 3 phase recloser

**BYBERRY\_132**

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:**

Install (2) three phase reclosers

**BYBERRY\_142**

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 fuses  
Repaired cable

**Planned:**

Install 3 phase recloser

**BYBERRY\_146**

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 cable  
Replaced switch  
Upgraded lightning protection

**Planned:**

Install cable

**CARVER\_000**

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 fuses

**Planned:**

Remedial efforts completed

**CLAY\_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  
Completed regularly scheduled tree trimming

**Planned:**

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

**CLAY\_352**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**CONCORD\_348**

Delaware County

**Completed:**

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

**Planned:**

Remedial efforts completed

**DALEVILLE\_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  
Upgraded lightning protection  
Installed additional fuses  
Completed regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**DAVISVILLE\_008**

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:**

Install breakdown

**DELTA\_001**

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

**Planned:**

Remedial efforts completed

**DELTA\_002**

York 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

**Planned:**

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

**DOWNINGTOWN\_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  
Install additional fuses

**Planned:**

Remedial efforts completed

**EAGLE\_352**

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 clearance  
Completed reliability corrective workorders  
Installed additional fuses

**Planned:**

Remedial efforts completed

**EDGELY\_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 clearance

**Planned:**

Remedial efforts completed

**EMILIE\_131**

Bucks County

**Completed:**

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

**Planned:**

Upgrade transformer

**FALLS\_011**

Bucks County

**Completed:**

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

**Planned:**

Inspected selected areas of circuit for vegetation issues and corrected as needed  
Install 2 – 3 phase reclosers

**FLINT\_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

**Planned:**

Install tree wire

**FOX\_CHASE\_136**

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  
Upgraded lightning protection

**Planned:**

Complete reliability corrective workorders  
Install 3 phase recloser

**HAGYS\_001**

Delaware County

**Completed:**

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

**Planned:**

Install faulted circuit indicators  
Modify fuse coordination  
Inspect selected areas of circuit for vegetation issues and corrected as needed

**HARMONY\_004**

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:**

Inspect Breaker Operation

**HARMONY\_005**

Chester County

**Completed:**

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

**Planned**

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

**HARVEY\_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 fuses

**Planned:**

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

**HAYES\_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

**HEARTWOOD\_001**

Bucks County

**Completed:**

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

**Planned:**

Remedial efforts completed

**HEATON\_160**

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:**

Install additional fuses

**HENDERSON\_001**

Montgomery County

**Completed:**

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

Installed additional fuses

Installed faulted circuit indicators

**Planned:**

Remedial efforts completed

**ISLAND\_ ROAD\_136**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Installed additional fusing

Replaced cable

**Planned:**

Complete reliability corrective workorders

**JAMISON\_000**

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 fuses

Upgraded transformer

**Planned:**

Remedial efforts completed

**JARRETT\_143**

Montgomery County

Inspected circuit visually and with thermographic camera

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

Replaced cable

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**JENKINTOWN\_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

Upgraded transformer

**Planned:**

Install 2- 3 phase reclosers

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

Install additional fuses

Complete reliability corrective workorders

**KELLER\_000**

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:**

Install 3 phase recloser on supply circuit

**KENNETT\_SQUARE\_001**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Complete reliability corrective workorders

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

**KING\_003**

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

Test recloser operation

**Planned:**

Remedial efforts complete

**KING\_004**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Coordinate fusing

Upgraded fuses

Upgraded transformer

**Planned:**

Remedial efforts complete

**KNOWLTON\_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

Upgraded transformer

**Planned:**

Remedial efforts complete

**LENAPE\_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

Install faulted circuit indicators

Upgraded transformer

Replaced cable

**Planned:**

Remedial efforts complete

**LENAPE\_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

**Planned:**

Install 2 – 3 Phase reclosers

**LENAPE\_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  
Upgraded transformer  
Installed 3 phase recloser

**Planned:**

Install 2 – 3 Phase reclosers

**LEOPARD\_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  
Completed regularly scheduled tree clearance  
Upgraded transformer

**Planned:**

Install tree wire  
Complete reliability corrective workorders

**LINE\_1098**

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:**

Replace cable section  
Test / Inspect breaker

**LINE\_162\_00**

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  
Replaced cable  
Installed lightning protection

**Planned:**

Remedial efforts completed

**LINE\_175\_00CO**

Chester County

**Completed:**

Completed regularly scheduled tree trimming

**Planned:**

Circuit Under Analysis

**LINE\_2235**

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

Repaired station leg cable

**Planned:**

Extend circuit

Upgrade mains and services

Install additional fuses

**LINE\_2284**

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:**

Replace cable

**LINE\_2295**

Philadelphia County

**Completed:**

Completed reliability corrective workorders

Replaced cable

**Planned:**

Complete reliability corrective workorders

**LINE\_2445**

Philadelphia County

**Completed:**

Completed reliability corrective workorders

Replaced cable

Replaced switches

**Planned:**

Complete reliability corrective workorders

**LINE\_2471**

Philadelphia County

**Completed:**

Completed reliability corrective workorders

Replaced cable section

**Planned:**

Complete reliability corrective workorders

**LINE\_3307NT**

Chester County

**Completed:**

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

**Planned:**

Upgrade transformer  
Complete reliability corrective workorders  
Inspect selected areas of circuit for vegetation issues and corrected as needed

**LINE\_3308NT**

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  
Repaired switch

**Planned:**

Remedial efforts completed

**LINE\_3341**

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 recloser  
Replaced switch

**Planned:**

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

**LINE\_5800**

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  
Inspected/ tested recloser operation

**Planned:**

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

**LLANERCH\_161**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Completed regularly scheduled tree trimming  
Installed additional fuses  
Tested / Inspected recloser operation  
Upgraded lightning protection  
Upgraded secondary wires  
Installed 3 single phase reclosers

**Planned:**

Remedial efforts complete

**MACDADE\_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  
Upgraded lightning protection  
Installed additional fuses  
Installed wildlife protection

**Planned:**

Install 3 phase recloser

**MACDADE\_143**

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  
Installed additional fuses

**Planned:**

Remedial efforts completed

**MAIN\_000**

Philadelphia County

Circuit under Analysis

**MARPLE\_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  
Completed regularly scheduled tree trimming  
Installed additional fuses  
Installed 3 phase recloser  
Upgraded transformer  
Installed lightning protection

**Planned:**

Install tree wire

**MATSON\_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 tree wire  
Completed regularly scheduled tree trimming

**Planned:**

Upgrade wildlife protection

**MIDDLETOWN\_349**

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 fuse coordination  
Replaced switch  
Installed additional fuses  
Upgraded lightning protection  
Upgraded transformer  
Inspect recloser operation

**Planned:**

Complete reliability corrective workorders

**MORGAN\_001**

Bucks County

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

**Planned:**

Remedial efforts completed

**MORGAN\_004**

Bucks County

**Completed:**  
Inspected circuit visually and with thermographic camera  
Completed reliability corrective workorders  
Installed additional fuses  
Coordinate fuses  
Upgraded transformer

**Planned:**

Install 3 phase recloser

**MORTON\_133**

Delaware County

**Completed:**

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

**Planned:**

Install 3 phase recloser

**MOSER\_341**

Montgomery County

**Completed:**

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

**Planned:**

Upgrade secondary wires

**NEWLINVILLE-353**

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 trip saver  
Upgraded fuse

**Planned:**

Complete reliability corrective workorders  
Inspect selected areas of circuit for vegetation issues and corrected as needed  
Upgrade wildlife protection

**NEWTOWN\_SQUARE\_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  
Installed additional fuses  
Installed wildlife protection  
Upgraded transformer  
Completed regularly schedule tree trimming

**Planned:**

Remedial efforts completed

**NEWTOWN\_SQUARE\_144**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Test / Inspect recloser operation  
Completed regularly schedule tree trimming

**Planned:**

Upgrade animal protection

### **NEWTOWN\_SQUARE\_146**

Delaware County

#### **Completed:**

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

#### **Planned:**

Remedial efforts completed

### **OAKMONT\_002**

Delaware County

#### **Completed:**

Inspected circuit visually and with thermographic camera  
Installed switch  
Completed reliability corrective work orders  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed regularly schedule tree trimming

#### **Planned:**

Upgrade lightning protection on supply line

### **OVERBROOK\_029**

Philadelphia County

#### **Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective work orders

#### **Planned:**

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

### **OVERBROOK\_037**

Philadelphia County

#### **Completed:**

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

#### **Planned:**

Complete reliability corrective work orders  
Installed additional fuses

### **PHOENIXVILLE\_005**

Chester County

#### **Completed:**

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

#### **Planned:**

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

**PLUMSTEAD\_001**

Bucks 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

Install lightning protection

**Planned:**

Remedial efforts completed

**PLYMOUTH\_136**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Upgraded lightning protection

Installed additional fuses

Upgraded transformers

**Planned:**

Remedial efforts completed

**PLYMOUTH\_138**

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

Repaired station leg cable

Replaced secondary mains

Installed additional fuses

**Planned:**

Completed reliability corrective work orders

**PLYMOUTH\_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 work orders

Upgraded lightning protection

**Planned:**

Remedial efforts completed

**PLYMOUTH\_145**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

**Planned:**

Complete reliability corrective work orders

Install additional fuses

Upgrade transformer

**PLYMOUTH\_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 work orders

**Planned:**

Install additional fuses

Upgrade secondary main

**PLYMOUTH\_164**

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 additional fuses

**Planned:**

Remedial efforts completed

**RADNOR\_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:**

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

Complete reliability corrective workorders

Check recloser coordination

**SAVILLE\_136**

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

Repaired station leg cable

Test / Inspect recloser

**Planned:**

Install three phase recloser

**SECANE\_003**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Repaired station leg cable

**Planned:**

Remedial efforts completed

**SHEEDER\_000**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Coordinate fusing

Upgrade lightning protection

Completed regularly schedule tree trimming

**Planned:**

Complete reliability corrective work orders

**SILES\_004**

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 additional fuses

Upgraded transformer

**Planned:**

Remedial efforts completed

**SMITHBRIDGE\_000**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Installed additional lightning protection

Installed additional transformer

**Planned:**

Remedial efforts completed

**SPROUL\_003**

Delaware County

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Completed regularly schedule tree trimming

**Planned:**

Reconfigure circuit

**STONY\_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

Replaced cable

Installed additional fuses

**Planned:**

Remedial efforts completed

**TAYLOR\_002**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Tested / Inspected switch

**Planned:**

Completed reliability corrective work orders

**TREDYFFRIN\_132**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective work orders

Installed additional fuses

**Planned:**

Install tree wire

**TULIP\_000**

Philadelphia County

**Completed:**

Completed reliability corrective work orders

Installed Faulted Circuit Interrupters

Replaced cable

**Planned:**

Install breakdown

**TUNA\_143**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

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

**Planned:**

Install breakdown

Install Circuit Indicators

Replace switch

**UNIVERSITY\_011**

Philadelphia County

**Completed:**

Installed Faulted Circuit Indicators

Completed reliability corrective workorders

Repaired station leg cable

**Planned:**

Remedial efforts complete

**UPPER\_MERION\_132**

Chester County

Circuit under Analysis

**UPPER\_MERION\_133**

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 mains and services  
Installed wildlife protection

**Planned:**

Remedial efforts complete

**WARMINSTER\_132**

Bucks County

Circuit under Analysis

**WARMINSTER\_161**

Bucks County

Circuit under Analysis

**WAYNE\_134**

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 transformer  
Replaced tree wire

**Planned:**

Remedial efforts complete

**WAYNE\_136**

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 lightning protection

**Planned:**

Installed additional animal protection  
Complete reliability corrective workorders

**WAYNE\_146**

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 complete

**WHITAKER\_000**

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 complete

**WICKER\_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 complete

**WYNCOTE\_003**

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 transformer

**Planned:**

Complete reliability corrective workorders

## 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).