



An Exelon Company

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PECO  
2301 Market Street, 515  
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April 30, 2012

**RECEIVED**

APR 30 2012

**Via Federal Express**

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

**PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU**

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

Dear Secretary Chiavetta:

In accordance with Electric Service Reliability Regulations at 52 Pa. Code Chapter 57, enclosed are an original and six copies of PECO's 2011 Quarterly Reliability Report for the period ending March 31, 2012.

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

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

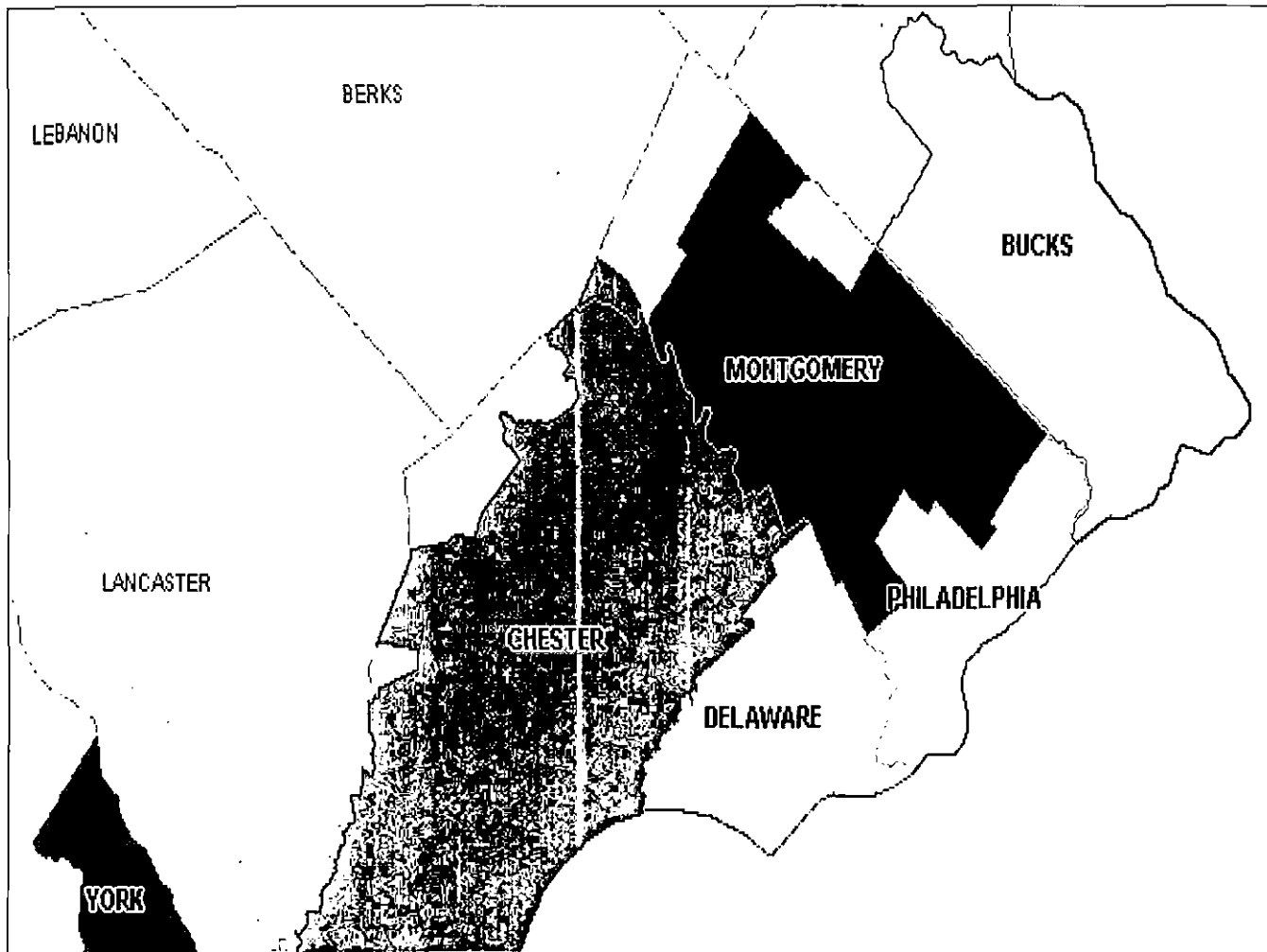
Sincerely,

A handwritten signature in black ink, appearing to read "R. Webster, Jr.", written in a cursive style.

cc: Office of Consumer Advocate  
Office of Small Business Advocate

enclosures

**PECO Energy Company  
Quarterly Reliability Report  
For Period Ending March 31, 2012**



**May 1, 2012**

**RECEIVED**

**APR 30 2012**

**PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU**

**PECO Energy ("PECO")**

**Quarterly Reliability Report for the Period Ending March 31, 2012 filed with the Pennsylvania Public Utility Commission.**

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

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

No Major events occurred during the 1<sup>st</sup> quarter.

**Section 57.195(e)(2)** "Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) for the EDC's service territory for the preceding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer interruptions, the number of customers affected, and the customer minutes of interruption. If MAIFI values are provided, the report shall also include the number of customer momentary interruptions."

PECO Customers	Sustained Customer Interruptions	Sustained Customer Hours	Momentary Customer Interruptions	Sustained Customer Minutes	SAIFI	CAIDI	SAIDI	MAIFI
1,690,752	1,499,184	2,780,159	892,600	166,809,520	0.89	111	99	0.53

\*Data reflects 12 months ending 03/31/2012

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. The February 2<sup>nd</sup> 2011 ice storm, which affected 9.7% of PECO customers, is no longer included in the 12 month data. 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 2011 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, 2012					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	971	8.3%	39,482	2.6%	3,427,772
Contact/Dig-In	108	0.9%	12,323	0.8%	836,031
Equipment Failure	4,505	38.7%	555,063	37.0%	62,309,046
Lightning	780	6.7%	113,297	7.6%	15,375,750
Other	1,388	11.9%	151,401	10.1%	8,493,570
T&S	19	0.2%	55,676	3.7%	7,632,493
Unknown	618	5.3%	85,508	5.7%	7,822,185
Vegetation-Broken/Uprooted	1,912	16.4%	308,837	20.6%	41,403,284
Vegetation-Ingrowth	949	8.2%	77,599	5.2%	11,179,475
Vehicles	383	3.3%	100,534	6.7%	8,386,193

\*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 (20.6% of all outages), as opposed to ingrowth (5.2% of all outages). PECO has continued with the significant supplemental vegetation management program it began in 2006 to prune or remove trees between cycles of its regularly scheduled vegetation management program.

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

Predictive and Preventive Maintenance Program – status as of 3/31/2012					
	1 <sup>st</sup> Quarter Tasks		YTD Tasks		2012 Total Planned
	Planned	Complete	Planned	Complete	
Recloser Inspections (Number of reclosers inspected)	42	160	42	160	168
Circuit Patrol & Thermography (Number of circuits patrolled)	470	1,557	470	1,557	940
Pole Inspections (Number of poles visually inspected)	24,255	38,930	24,255	38,930	32,340
Padmount Transformers (Number of transformers visually inspected)	1,700	3,993	1,700	3,993	8,264
Below Ground Transformers (Number of transformers visually inspected)	451	2,717	451	2,717	1,804
Substations (Number of substations inspections performed.(e.g. visual inspection, reading of currents, voltages, temperature etc) for a variety of substation components)	332	333	332	333	1,330
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	812	770	812	3,080

Vegetation Management Preventive Maintenance Program – status as of 3/31/12					
	1 <sup>st</sup> Quarter Miles		YTD Miles		2012 Total Planned
	Planned	Complete	Planned	Complete	
Distribution Lift and Manual Trimming	633	956	633	956	2,532
Transmission Trimming and Removals	42	46	42	46	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 1 <sup>st</sup> Quarter	Actual 1 <sup>st</sup> Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$0.4	\$0.4	\$0.4	\$0.4
Capacity Expansion	\$1.4	\$3.8	\$1.4	\$3.8
System Performance	\$11.2	\$8.5	\$11.2	\$8.5
Facility Relocation	\$0.2	\$0.0	\$0.2	\$0.0
Maintenance	\$38.1	\$41.7	\$38.1	\$41.7
Total	\$51.3	\$54.4	\$51.3	\$54.4

**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	\$9.9	\$7.5	\$9.9	\$7.5
Capacity Expansion	\$14.7	\$22.8	\$14.7	\$22.8
System Performance	\$12.8	\$7.3	\$12.8	\$7.3
Facility Relocation	\$2.6	\$1.3	\$2.6	\$1.3
Maintenance	\$19.0	\$22.3	\$19.0	\$22.3
Total	\$59.0	\$61.2	\$59.0	\$61.2

**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<sup>st</sup> 2012 was as follows:

Aerial Lineman	387
Underground Lineman (Include UTS)	53
Transmission / Substation Mechanics, Operators	98
Energy Technicians	103
Aerial Foreman	62
Underground Foreman (Includes UTS)	18
Transmission / Substation Foreman	30
ET Foreman	5
Total	756

**Contact Persons:**

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## Appendix A

### Rolling 12-month reliability index values for 5% worst performing circuits

CIRCUIT	CUSTOMERS ON CIRCUIT	12 Month Rolling Circuit SAIFI	12 Month Rolling Circuit CAIDI	12 Month Rolling Circuit SAIDI	12 Month Rolling Circuit MAIFI	12 Month Rolling Customers Interrupted	12 Month Rolling Customer Hours	12 Month Rolling Momentary Customers Interrupted
ABINGTON 006	242	4.61	202	932	0.01	1,116	3,759	2
AQUE 000	343	2.09	1135	2375	0.00	718	13,577	1
ARDMORE 018	529	3.05	229	699	0.00	1,613	6,165	0
AVONDALE 003	183	0.00	0	0	2.99	0	0	548
BALA 134	1,654	2.03	118	239	0.00	3,365	6,600	0
BALA 141	950	4.38	93	407	1.23	4,160	6,448	1171
BERWYN 002	566	4.03	129	518	3.97	2,281	4,888	2246
BETHAYRES 004	392	6.55	118	771	0.59	2,567	5,039	233
BETHAYRES 135	768	1.47	402	592	1.77	1,130	7,571	1363
BLUE GRASS 130	1,112	3.02	47	143	0.00	3,358	2,654	0
BLUE GRASS 136	1,214	1.24	110	136	0.00	1,510	2,761	0
BLUE GRASS 144	1,465	2.69	62	168	2.60	3,944	4,097	3816
BLUE GRASS 145	515	3.31	99	327	0.00	1,703	2,805	0
BROOMALL 136	1,136	4.01	57	229	0.40	4,556	4,336	449
BRYN MAWR 147	1,583	0.53	132	69	0.22	834	1,832	353
BUCKINGHAM 353	1,389	2.02	32	66	0.70	2,812	1,520	967
BUCKINGHAM 361	706	1.62	49	79	0.96	1,144	933	676
BUCKINGHAM 372	1,113	1.96	140	274	1.12	2,186	5,087	1250
BYBERRY 132	734	2.59	221	572	0.00	1,898	6,997	0
BYBERRY 137	1,871	1.33	129	171	0.00	2,492	5,347	0
BYBERRY 145	1,511	2.07	49	101	0.00	3,132	2,544	1
BYBERRY 161	984	1.93	233	451	0.34	1,902	7,393	335
BYBERRY 162	1,618	2.74	189	517	2.45	4,437	13,951	3972
CALLOWHILL 144	1,005	0.51	427	220	0.00	517	3,683	0
CEDARBROOK 132	690	3.33	177	590	0.00	2,296	6,787	0
CHADDS 000	415	3.08	188	578	0.49	1,277	3,995	205
CORNOG 001	476	1.48	183	271	0.01	704	2,147	4
COUNTY LINE 006	524	2.23	121	271	1.00	1,170	2,364	524
CROYDON 131	628	3.42	110	376	0.00	2,146	3,939	0
CROYDON 132	1,480	2.10	174	367	0.36	3,111	9,046	540
CRUM LYNNE 138	1,617	1.84	95	176	2.37	2,980	4,734	3835
DALEVILLE 342	684	2.20	103	227	2.04	1,503	2,585	1392
DELTA 002	627	2.66	401	1068	0.03	1,668	11,157	19
DOYLESTOWN 001	347	0.01	509	6	0.00	4	34	0
EDDINGTON 137	1,397	2.39	93	222	0.00	3,343	5,173	0
EDGMONT 001	607	0.06	61	3	0.00	34	35	0
EMILIE 132	1,381	3.61	121	438	0.27	4,986	10,082	374
FAIR 002	476	3.06	77	235	5.00	1,458	1,866	2380
HAGYS 004	314	4.24	101	427	0.50	1,332	2,237	158
HARMONY 003	472	3.27	118	387	0.00	1,544	3,048	0
HARMONY 005	1,077	2.26	34	76	0.00	2,434	1,359	0
HARTMAN 351	3,502	4.78	59	282	1.52	16,744	16,467	5337
HEARTWOOD 003	536	3.12	90	280	2.60	1,670	2,500	1395
HEATON 163	933	4.13	151	625	0.00	3,852	9,725	0
HEATON 167	811	0.88	279	246	0.00	716	3,330	1
HEATON 168	1,143	2.46	114	281	0.00	2,812	5,355	0
HEATON_169	1,461	3.44	74	255	2.18	5,029	6,221	3180

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
HIGHLAND 000	351	3.07	103	316	1.98	1,077	1,847	696
JARRETT 142	1,027	1.68	117	196	0.67	1,726	3,358	690
JARRETT 143	734	2.61	399	1039	0.00	1,913	12,715	0
JENKINTOWN 138	1,884	2.97	67	199	2.04	5,598	6,237	3846
KENIL 000	582	4.04	71	285	0.00	2,352	2,769	0
KENNETT SQUAR 001	399	0.50	191	96	4.99	201	640	1992
LANDENBERG 000	553	3.16	188	594	1.23	1,746	5,477	678
LARCHMONT 007	529	4.29	151	646	0.00	2,268	5,692	1
LENAPE 352	1,636	1.59	115	182	0.47	2,595	4,967	761
LINE 104 00BY	6	5.17	427	2207	0.00	31	221	0
LINE 116 00BM	4	0.00	0	0	0.00	0	0	0
LINE 1300CR	2,074	3.38	73	246	0.99	7,007	8,516	2057
LINE 145 00UP	177	3.80	181	687	2.97	672	2,027	525
LINE 161 00CO	1,246	2.22	183	405	0.03	2,765	8,420	39
LINE 2610	12	3.33	118	395	0.42	40	79	5
LINE 2781	1,078	3.02	80	242	0.00	3,255	4,341	0
LINE 3329	248	0.09	60	6	1.92	23	23	477
LINE 800CR	1,855	2.31	169	390	0.31	4,280	12,057	577
LINTON 341	2,273	0.98	131	128	1.34	2,220	4,830	3053
LLANERCH 163	1,877	2.67	98	261	1.81	5,013	8,172	3398
LOMBARD 042	174	5.25	171	896	0.00	914	2,599	0
MACDADE 146	1,988	1.62	89	144	1.34	3,226	4,759	2670
MATSON 131	794	2.93	77	225	3.02	2,329	2,978	2395
MIDDLETOWN 132	1,656	4.24	56	239	3.82	7,014	6,583	6324
MIDDLETOWN 133	1,478	3.24	108	349	0.61	4,783	8,590	908
MIDDLETOWN 142	1,390	4.03	72	290	4.84	5,608	6,715	6726
MIDDLETOWN 143	1,673	2.56	103	263	0.35	4,291	7,331	588
MONROE 004	420	3.02	57	171	2.08	1,270	1,196	875
MONROE 005	299	4.21	90	380	1.00	1,258	1,893	299
MONROE 006	369	4.01	103	414	1.99	1,479	2,546	735
MOON 005	347	1.11	271	300	0.00	384	1,736	0
NESHAMINY 133	947	1.77	171	303	0.00	1,677	4,783	1
NEWLINVILLE 352	2,260	3.48	88	307	2.20	7,866	11,581	4963
NEWLINVILLE 361	731	3.92	121	475	0.47	2,867	5,786	344
NEWTOWN SQUAR 143	1,053	2.49	97	241	0.69	2,619	4,237	727
NOLAN 001	919	2.70	140	379	1.05	2,478	5,799	963
PARKESBURG 002	620	3.04	175	532	0.00	1,885	5,496	0
PARRISH 133	3,228	2.54	52	133	0.02	8,205	7,139	72
PERKIOMEN 363	2,563	2.13	81	172	0.15	5,461	7,345	396
PHOENIXVILLE 003	883	3.99	104	415	0.00	3,522	6,112	0
PLANE BROOK 342	739	2.14	64	138	0.80	1,583	1,695	593
PLANE BROOK 344	1,847	2.91	121	353	2.68	5,375	10,870	4941
PLANE BROOK 353	465	2.57	91	233	0.66	1,197	1,809	305
RADNOR 131	33	6.00	119	716	4.00	198	394	132
ROXBOROUGH 131	2,042	3.23	124	399	1.88	6,590	13,568	3843
ROYERSFORD 001	866	7.06	49	347	0.00	6,115	5,013	0
SAVILLE 132	2,636	2.50	70	176	0.64	6,598	7,712	1692
SAVILLE 135	1,318	2.76	62	171	1.49	3,641	3,755	1966
SHERWOOD 024	394	0.16	269	43	0.00	63	282	0
SNYDER 001	576	1.99	150	298	0.00	1,145	2,863	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
SOLEBURY 002	320	2.93	159	465	1.98	939	2,482	633
SPROUL 003	590	4.29	85	366	0.00	2,531	3,599	0
SPROUL 004	372	3.24	83	270	0.68	1,204	1,673	253
SUGARTOWN 000	641	0.00	0	0	0.00	0	0	0
TABOR 139	1,890	0.10	131	13	0.00	184	401	0
TANGUY 000	334	3.87	165	639	1.99	1,294	3,557	666
TAYLOR 001	280	2.73	109	297	0.00	764	1,386	0
TREDYFFRIN 131	1,313	1.98	79	157	0.00	2,595	3,428	0
TREVOSE 003	414	1.09	139	151	0.00	450	1,039	0
TREVOSE 136	1,067	2.73	63	171	0.33	2,916	3,046	355
UPPER DARBY 140	1,906	0.68	131	88	0.00	1,291	2,809	0
UPPER PROVIDENCE 351	3,458	2.17	115	249	1.48	7,496	14,371	5130
WARRINGTON 363	1,491	2.56	141	363	0.03	3,823	9,012	40
WAWA 000	403	2.07	250	518	0.00	833	3,476	0
WAYNE 143	832	3.35	72	242	1.67	2,784	3,352	1386
WENTZ 000	344	3.11	143	446	0.00	1,071	2,555	0
WILLOWDALE 002	471	3.46	127	440	2.00	1,629	3,455	942

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 03/31/12

### **ABINGTON\_006**

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:**

Circuit under analysis

### **AQUE\_000**

Bucks County

#### **Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective workorders  
Upgraded transformer

#### **Planned:**

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

### **ARDMORE\_018**

Delaware County

#### **Completed:**

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

#### **Planned:**

Install switch

### **AVONDALE\_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 fuses  
Completed regularly scheduled tree trimming

#### **Planned:**

Remedial efforts completed

### **BALA\_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

#### **Planned:**

Install additional fuses  
Install animal protection

**BALA\_141**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

**Planned:**

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

Upgrade fuses

Install additional lightning protection

Install animal protection

**BERWYN\_002**

Chester 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:**

Remedial efforts completed

**BETHAYRES\_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

Replaced station leg cable

**Planned:**

Install spacer cable

**BETHAYRES\_135**

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 animal protection

**Planned:**

Remedial efforts completed

**BLUE\_GRASS\_130**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

**Planned:**

Upgrade lightning protection

Install animal protection

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

**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

**Planned:**

Install additional fuses  
Complete reliability corrective workorders  
Install wildlife protection  
Install Faulted Circuit Indicators

**BLUE\_GRASS\_144**

Philadelphia County

**Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective workorders  
Tested/Inspected recloser operation  
Upgraded cable insulation

**Planned:**

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

**BLUE\_GRASS\_145**

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:**

Install additional lightning protection  
Install additional fuses  
Complete reliability corrective workorders

**BROOMALL\_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 transformer

**Planned:**

Complete reliability corrective workorders  
Install three 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  
Installed additional fuse  
Upgraded transformers  
Installed single phase recloser

**Planned:**

Remedial efforts completed

**BUCKINGHAM\_353**

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:**

Complete reliability corrective workorders

**BUCKINGHAM\_361**

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 spacer cable  
Install additional fuse

**BUCKINGHAM\_372**

Bucks County

**Completed:**

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

**Planned:**

Install 3 Phase recloser  
Complete reliability corrective work orders

**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  
Replaced primary wire

**Planned:**

Remedial efforts completed

**BYBERRY\_137**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**BYBERRY\_145**

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  
Upgrade wildlife protection  
Upgrade cable insulation

**Planned:**

Remedial efforts completed

**BYBERRY\_161**

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 3 phase recloser  
Installed wildlife protection

**Planned:**

Remedial efforts completed

**BYBERRY\_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  
Installed wildlife protection  
Installed (2) 3 phase reclosers

**Planned:**

Complete reliability corrective workorders

**CALLOWHILL\_144**

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:**

Complete reliability corrective workorders

**CEDARBROOK\_132**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**CHADDS\_000**

Delaware County

**Completed:**

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

**Planned:**

Upgrade aerial cable

**CORNOG\_001**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**COUNTY\_LINE\_006**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective workorders  
Installed additional fuses  
Completed regularly scheduled tree trimming

**Planned:**

Complete reliability corrective workorders  
Install additional fuses

**CROYDON\_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  
Installed wildlife protection

**Planned:**

Complete regularly scheduled tree trimming  
Circuit under analysis

**CROYDON\_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  
Installed wildlife protection  
Completed regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**CRUM\_LYNNE\_138**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Installed 3 phase recloser  
Installed animal protection  
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  
Installed 3 phase recloser  
Replaced primary wire  
Installed additional lightning protection  
Installed wildlife protection  
Completed regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**DELTA\_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

**Planned:**

Remedial efforts completed



**DOYLESTOWN\_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  
Installed vacuum fault interrupter  
Installed three phase recloser on supply circuits  
Repaired switch

**Planned:**

Remedial efforts completed

**EDDINGTON\_137**

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  
Completed regularly scheduled tree trimming

**Planned:**

Install additional fuses  
Install additional animal protection  
Complete reliability corrective workorders  
Upgrade fuses  
Reconfigure primary wire

**EDGEMONT\_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:**

Remedial efforts completed

**EMILIE\_132**

Bucks County

**Completed:**

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

**Planned:**

Remedial efforts completed

**FAIR\_002**

Montgomery County

**Completed:**

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

**Planned:**

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

**HAGYS\_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  
Repaired cable

**Planned:**

Install additional lightning protection

**HARMONY\_003**

Chester County

**Completed:**

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

**Planned:**

Complete reliability corrective workorders

**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

**Planned:**

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

**HARTMAN\_351**

Montgomery County

**Completed:**

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

**Planned:**

Remedial efforts completed

**HEARTWOOD\_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  
Repaired station leg cable

**Planned:**

Remedial efforts completed

**HEATON\_163**

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

**HEATON\_167**

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 Tripsaver

**Planned:**

Remedial efforts completed

**HEATON\_168**

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  
Replaced cable  
Upgraded transformer  
Installed wildlife protection  
Installed (2) three phase reclosers

**Planned:**

Remedial efforts completed

**HEATON\_169**

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 three phase recloser

**Planned:**

Upgrade secondary wires  
Install transformer

**HIGHLAND\_000**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**JARRETT\_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 wildlife protection

**Planned:**

Upgrade wires

**JARRETT\_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 cable

**Planned:**

Remedial efforts completed

**JENKINTOWN\_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 workorders  
Upgrade fuse  
Replaced cable

**Planned:**

Complete reliability corrective workorders

**KENIL\_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 lightning protection  
Installed additional fuses

**Planned:**

Remedial efforts completed

**KENNETT\_SQUARE\_001**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts completed

**LANDENBERG\_000**

Chester County

**Completed:**

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

**Planned:**

Remedial efforts complete

**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

**Planned:**

Circuit under analysis

**LENAPE\_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  
Installed (2) 3 phase reclosers  
Tested/Corrected recloser operation

**Planned:**

Remedial efforts completed

**LINE-104\_00BY**

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 primary wire

**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  
Repaired cable

**Planned:**

Install 3 phase recloser

**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

**Planned:**

Complete reliability corrective workorders

**LINE\_145\_00UP**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Repaired switch

Inspected/Tested Recloser operation

**Planned:**

Install (2) three phase recloser

**LINE\_116\_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

Upgraded lightning protection

**Planned:**

Install single phase recloser

Upgrade fuses

**LINE\_2610**

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 primary cable

Repaired station leg cable

**Planned:**

Install fuses

**LINE\_2781**

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 fuses

**Planned:**

Complete regularly scheduled tree trimming

Install (2) reclosers

**LINE\_3329**

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

**Planned:**

Remedial efforts completed

**LINE\_800CR**

Chester County

**Completed:**

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

**Planned:**

Completed reliability corrective workorders

**LINTON\_341**

Bucks County

**Completed:**

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

**Planned:**

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

**LLANERCH\_163**

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 completed

**LOMBARD\_042**

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:**

Circuit under analysis

**MACDADE\_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 completed

**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 compact single phase recloser  
Installed wildlife protection  
Installed spacer cable

**Planned:**

Install three phase recloser  
Complete reliability corrective workorders

**MIDDLETOWN\_132**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Completed reliability corrective workorders  
Upgraded cable insulation  
Replaced cable  
Installed wildlife protection  
Installed three phase recloser  
Tested/Corrected recloser operation  
Replaced transformer  
Installed spacer cable

**Planned:**

Install additional fuses

**MIDDLETOWN\_133**

Delaware County

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

**Completed:**

Install compact single phase recloser  
Complete reliability corrective work orders  
Install transformers



**MIDDLETOWN\_142**

Delaware County

**Completed:**

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

**Planned:**

Install three phase recloser  
Install additional fusing  
Completed reliability corrective work orders

**MIDDLETOWN\_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  
Replaced three phase recloser  
Replaced transformer

**Planned:**

Remedial efforts completed

**MONROE\_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  
Installed spacer cable

**Planned:**

Install additional fuses

**MONROE\_005**

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/Test recloser settings  
Complete reliability corrective workorders  
Replace transformer

**MONROE\_006**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective workorders

**Planned:**

Test/Inspect recloser operation  
Inspect selected areas of circuit for vegetation issues and corrected as needed

**MOON\_005**

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:**

Complete reliability corrective workorders  
Complete regularly scheduled tree trimming

**NESHAMINY\_133**

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 small compact single phase recloser  
Completed regularly scheduled tree trimming  
Replaced cable

**Planned:**

Remedial efforts completed

**NEWLINVILLE\_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  
Installed three phase recloser

**Planned:**

Remedial efforts completed

**NEWLINVILLE\_361**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera  
Completed reliability corrective workorders  
Replaced single phase recloser  
Installed additional fuse  
Replaced switch

**Planned:**

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

### **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 fuse  
Installed wildlife protection  
Upgraded transformer

#### **Planned:**

Install compact single phase reclosers  
Complete reliability corrective workorders

### **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 workorders  
Upgraded transformer  
Completed regularly scheduled tree trimming

#### **Planned:**

Remedial efforts completed

### **PARKESBURG\_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  
Replaced transformer  
Completed regularly scheduled tree trimming

#### **Planned:**

Remedial efforts completed

### **PARRISH\_133**

Philadelphia County

#### **Completed:**

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

#### **Planned:**

Install additional fuses

### **PERKIOMEN\_363**

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 three phase recloser  
Complete reliability corrective workorders

**PHOENIXVILLE\_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  
Tested/ Inspected recloser operation  
Work completed on supply circuit - Installed three reclosers

**Planned:**

Remedial efforts completed

**PLANEBROOK\_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  
Tested/ Inspected recloser operation

**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  
Installed compact single phase recloser

**Planned:**

Remedial efforts completed

**PLANEBROOK\_353**

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 three phase recloser

**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  
Work completed on supply circuit – repaired switch

**Planned:**

Install 2- three phase reclosers

**ROXBOROUGH\_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 workorders  
Rearranged circuit for better automatic transfer  
Upgraded fuses  
Installed additional fuses  
Upgraded lightning protection  
Upgraded service wire

**Planned:**

Install three phase reclosers

**ROYERSFORD\_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:**

Remedial efforts completed

**SAVILLE\_132**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera  
Inspected selected areas of circuit for vegetation issues and corrected as needed  
Installed wildlife protection

**Planned:**

Complete reliability corrective workorders

**SAVILLE\_135**

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 regularly scheduled tree trimming  
Circuit under analysis

**SHERWOOD\_024**

Philadelphia County

**Completed:**

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

**Planned:**

Remedial efforts completed

**SNYDER\_001**

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:**

Upgrade lightning protection  
Complete regularly scheduled tree trimming  
Replace underground cable  
Complete reliability corrective workorders

**SOLEBURY\_002**

Bucks County

**Completed:**

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

**Planned:**

Upgrade transformers

**SPROUL\_003**

Delaware County

**Completed:**

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

**Planned:**

Test/Inspect switch operation  
Complete reliability corrective workorders

**SPROUL\_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

**Planned:**

Remedial efforts completed

**SUGARTOWN\_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

**TABOR\_139**

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:**

Complete regularly scheduled tree trimming  
Complete reliability corrective workorders  
Install *additional fuses*  
Install additional lightning protection

**TANGUY\_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  
Checked recloser settings  
Installed spacer cable

**Planned:**

Remedial efforts completed

**TAYLOR\_001**

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 underground cable  
*Complete reliability corrective workorders*

**TREDYFFRIN\_131**

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 (2) single phase reclosers

**Planned:**

Remedial efforts completed

**TREVOSE\_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

**Planned:**

Install single phase recloser  
Install switch

**TREVOSE\_136**

Bucks County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

Installed three phase recloser

Upgraded cable insulation

Upgraded wire

**Planned:**

Install three phase recloser

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

**UPPER\_DARBY\_140**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Complete regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**UPPER\_PROVIDENCE\_351**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

Installed wildlife protection

Installed additional fuses

**Planned:**

Install three phase recloser

**WARRINGTON\_363**

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

Repaired switch

Completed regularly scheduled tree trimming

**Planned:**

Remedial efforts completed

**WAWA\_000**

Delaware County

**Completed:**

Inspected circuit visually and with thermographic camera

Completed reliability corrective workorders

Installed three phase recloser

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

Installed (3) single phase reclosers

Upgraded lightning protection

**Planned:**

Remedial efforts completed



**WAYNE\_143**

Delaware County

**Completed:**

Completed reliability corrective work orders

Inspected circuit visually and with thermographic camera

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

Replaced capacitor

**Planned:**

Complete reliability corrective work orders

Install three phase recloser

**WENTZ\_000**

Montgomery County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Completed reliability corrective workorders

**Planned:**

Remedial efforts completed

**WILLOWDALE\_002**

Chester County

**Completed:**

Inspected circuit visually and with thermographic camera

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

Installed faulted circuit indicators

Installed compact single phase recloser

Completed reliability corrective workorders

**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).

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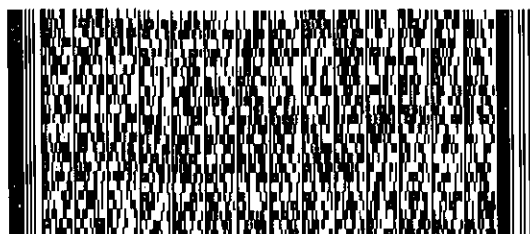
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