



pecoSM

AN EXELON COMPANY

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October 31, 2024

VIA E-FILING

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

Re: PECO 2024 Third Quarter Reliability Report PUC Docket No. M-2023-3039027

Dear Secretary Chiavetta:

Enclosed is PECO's 2024 Quarterly Reliability Report for the period ending September 30, 2024, 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.

Thank you for your assistance in this matter and please direct any questions regarding the above to Megan McDevitt, Manager, Retail Rates at 267-533-1942 or via email: megan.mcdevitt@exeloncorp.com.

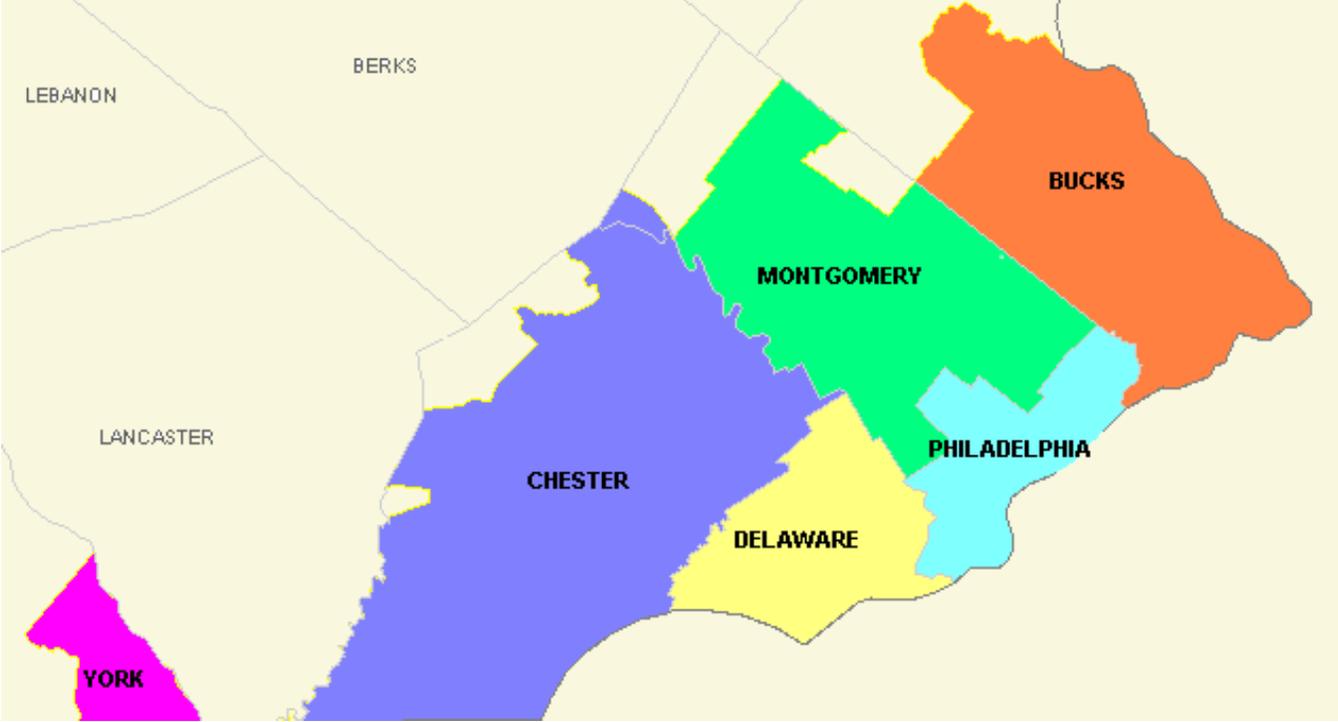
Sincerely,



Enclosure

Cc: John Van Zant (via email only)
Dan Searforce (via email only)
Office of Consumer Advocate (via email only)
Office of Small Business Advocate (via email only)

**PECO Energy Company
Quarterly Reliability Report
For Period Ending September 30, 2024**



October 31, 2024

PECO Energy (“PECO”)

Quarterly Reliability Report for the Period Ending September 30, 2024 filed with the Pennsylvania Public Utility Commission.

Submitted per Rulemaking Re: Amending Electric Service, Docket No. M-2016-2522508 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.”*

PECO experienced one major event in the third quarter of 2024 that exceeded 10% of PECO’s customer base. The storm caused downed trees and limbs on power lines and caused service interruptions affecting 170,944 customers. PECO employees supported emergency response efforts in conjunction with crews from PECO’s parent company, Exelon’s other operating companies (BGE, ComEd, and PHI) with additional assistance from foreign crews.

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
1,672,783	1,238,017	2,000,934	1,346,925	120,057,810	0.74	97	72	0.81

Data reflects 12 months ending 09/30/2024.

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 all below the Benchmark and Standard. Benchmarks and Standards were established on May 7, 2004. No Benchmark or Standard was established for MAIFI.

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

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

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

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

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

12 Months Ending September 30, 2024					
Causes	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	1,530	12.23%	36,077	2.91%	2,180,765
Contact/Dig-In	102	0.82%	9,755	0.79%	965,455
Equipment Failure	4,244	33.91%	454,452	36.71%	39,848,311
Lightning	197	1.57%	31,479	2.54%	2,499,774
Other	582	4.65%	43,970	3.55%	2,542,102
T&S	36	0.29%	29,846	2.41%	1,317,226
Unknown	403	3.22%	54,995	4.44%	2,775,322
Vegetation-Broken/Uprooted	4,415	35.28%	446,898	36.10%	55,619,138
Vegetation-Ingrowth	665	5.31%	68,207	5.51%	6,827,761
Vehicles	341	2.72%	62,338	5.04%	5,481,956

*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.

Outages due to equipment and trees are being addressed through PECO’s Long-term Infrastructure Improvement Plans and other reliability programs. Equipment is replaced based on observed trends under reliability programs and obsolescence. Most customer interruptions caused by trees came from broken branches and tree trunks or uprooted trees (36.10% of all customer interruptions), as opposed to ingrowth (5.51% of all outage customer interruptions). PECO continues to address ash tree failures caused by emerald ash borers (invasive insects that cause ash tree deaths) with a vegetation management program to mitigate the threat to its facilities and customer reliability.

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 9/30/2024					
	3 rd Quarter Tasks		YTD Tasks		2024 Total Planned
	Planned	Complete	Planned	Complete	
Recloser Inspections (Number of reclosers inspected)	96	161	355	743	413
Circuit Patrol & Thermography (Number of circuits patrolled)	340	260	970	907	970
Pole Inspections (Number of poles visually inspected)	12,720	17,445	29,947	37,932	34,000
Padmount Transformers (Number of transformers visually inspected)	1,974	2,854	5,263	6,713	6,577
Below Ground Transformers (Number of transformers visually inspected)	323	352	961	1,060	1,173
Substations (Number of substations inspections performed (e.g. visual inspection, reading of currents, voltages, temperature etc.) for a variety of substation components)	333	349	998	1,041	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)	708	754	2,123	2,220	2,830

Vegetation Management Preventive Maintenance Program – status as of 9/30/2024					
	3 rd Quarter Miles		YTD Miles		2024 Total Planned
	Planned	Complete	Planned	Complete	
Distribution Lift and Manual Trimming	742	649	2,226	2,212	2,967
Transmission Trimming and Removals	52	59	153	154	198

PECO’s Vegetation Distribution Preventative Maintenance completed miles are behind the YTD target at the end of Q3 by 14 miles but are set to have all planned miles finished by the end of Q4.

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 3rd Quarter	Actual 3rd Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$0.9	\$0.7	\$2.6	\$1.7
Capacity Expansion	\$0.1	\$0.3	\$0.2	\$1.2
System Performance	\$25.2	\$25.1	\$72.4	\$71.2
Facility Relocation	\$0.2	\$0.5	\$0.5	\$0.8
Maintenance	\$60.0	\$55.1	\$167.3	\$163.2
Total	\$86.4	\$81.7	\$243.0	\$238.1

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 3rd Quarter	Actual 3rd Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$26.0	\$24.5	\$93.3	\$80.3
Capacity Expansion	\$16.4	\$8.8	\$32.8	\$27.0
System Performance	\$197.2	\$208.9	\$522.6	\$554.3
Facility Relocation	\$10.7	\$6.4	\$29.8	\$19.1
Maintenance	\$40.0	\$44.7	\$121.2	\$135.6
Total	\$290.3	\$293.3	\$799.7	\$816.3

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 September 30, 2024 was as follows:

Aerial Lineman	467
Underground Lineman (Include UTS)	65
Transmission / Substation Mechanics, Operators	119
Energy Technicians	94
Aerial Foreman	72
Underground Foreman	16
Transmission / Substation Foreman	46
ET Foreman	8
Distribution Mech Apprentice	0
Total	887

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
BEIDLER_131	321	1.13	103	116	0.00	362	620	0
BELMONT_003	506	0.12	848	104	0.00	62	877	0
BRADFORD_344	3326	2.19	105	230	5.00	7294	12775	16629
BRYAN_001	402	1.36	144	195	0.17	546	1307	68
BRYAN_002	366	0.39	245	94	0.03	141	576	12
BUCKINGHAM_354	1782	0.57	95	54	1.77	1009	1590	3154
CLAY_342	1957	2.31	101	234	1.52	4525	7643	2983
COOPER_371	433	0.46	483	223	0.09	200	1609	40
CORNOG_002	310	7.43	100	744	3.29	2304	3843	1021
CURLY_000	458	2.40	101	242	1.20	1098	1849	548
DOWNINGTOWN_003	941	2.94	100	293	4.04	2766	4598	3802
EAGLE_341	1811	0.40	249	99	1.17	723	3001	2122
EAGLE_353	2231	4.23	116	491	5.80	9446	18266	12931
ELLWOOD_001	796	0.08	236	18	0.00	61	240	1
EMILIE_131	400	0.08	220	17	0.00	31	114	0
EMILIE_132	1437	0.66	104	69	0.00	948	1647	0
EVANS_002	311	0.95	67	64	1.01	296	332	314
FLINT_132	1244	1.24	82	102	1.15	1538	2110	1434
FLINT_144	833	1.68	147	247	2.01	1401	3427	1675
FOULK_131	1416	1.51	146	220	2.06	2135	5184	2915
FURNACE_000	489	2.36	243	575	1.19	1155	4685	581
GARRETT_006	859	2.04	66	136	0.53	1754	1943	459
GERMANTOWN_022	575	0.54	101	55	0.00	312	527	0
GLADWYNE_001	179	4.06	122	496	3.34	726	1481	597
GLADWYNE_132	507	2.96	134	396	3.40	1502	3344	1724
GOLF_002	287	0.11	394	45	0.49	33	217	141
GOSHEN_351	2002	2.06	82	169	0.69	4117	5626	1373
GROVE_000	611	2.96	34	102	2.23	1806	1038	1361
HAGYS_004	300	6.24	128	796	1.03	1873	3982	308
HARMONY_003	447	0.26	100	27	3.06	118	198	1366
HEATON_147	1120	0.62	88	55	0.56	698	1025	626
HUNTING_PARK_040	419	0.00	1544	7	0.00	2	51	0
KEMBLE_002	376	5.02	62	314	2.44	1889	1967	917
KENNETT_SQUAR_005	297	3.71	89	331	1.04	1101	1639	308
KING_135	388	1.75	69	120	1.01	679	779	391
LAMOKIN_001	581	0.00	0	0	0.00	0	0	0
LANDENBERG_000	542	3.26	123	399	0.07	1765	3605	36
LENAPE_341	1134	0.28	212	59	0.08	315	1112	88
LEWIS_001	565	0.52	353	182	0.18	292	1718	100
LINE_106_00	122	1.36	259	352	0.21	166	717	26
LINE_1068	520	0.00	0	0	0.00	0	0	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
LINE_1073	11	0.00	0	0	0.00	0	0	0
LINE_132_00WO	591	0.00	522	2	1.02	2	17	605
LINE_189_00EM	976	0.46	108	49	0.01	448	804	8
LINE_1900BA	8	0.25	148	37	0.00	2	5	0
LINE_2200CR	751	2.06	106	219	2.06	1544	2740	1546
LINE_2278	71	0.00	0	0	0.00	0	0	0
LINE_2292	212	0.88	1734	1521	0.00	186	5376	0
LINE_3300	649	1.00	32	32	1.01	651	347	657
LINE_3700EM	308	2.08	90	188	3.33	641	967	1027
LINE_4100PB	2136	2.46	113	277	2.75	5245	9879	5880
LINE_800CR	1884	1.78	89	159	3.00	3359	5000	5646
MARSHALLTON_001	490	2.28	141	322	2.02	1116	2626	991
MARSHALLTON_002	387	5.67	170	963	2.16	2194	6212	836
MEDIA_012	757	0.01	493	5	1.96	8	66	1484
MIDDLETOWN_142	1125	1.00	81	81	0.41	1125	1516	460
MONTGOMERY_000	640	1.21	62	75	1.00	777	803	643
MORWOOD_000	681	2.88	159	458	5.33	1960	5194	3630
MOUNTAIN_000	277	2.26	137	309	1.03	625	1426	285
NEWLINVILLE_353	3034	0.91	77	70	3.96	2754	3531	12008
NEWLINVILLE_361	1049	1.97	183	359	2.06	2064	6284	2165
NORCO_001	422	3.49	58	201	3.40	1471	1413	1435
NORTH_WALES_346	1367	1.11	165	183	0.15	1517	4175	207
PARRISH_138	8	0.00	0	0	0.00	0	0	0
PEACH_BOTTOM_361	207	6.61	265	1748	1.01	1368	6031	210
PENLLYN_002	248	1.35	62	85	4.06	336	349	1006
PENTRIDGE_015	716	2.93	62	180	1.82	2097	2152	1302
PENTRIDGE_017	486	1.14	73	83	0.01	555	672	4
PERKIOMEN_341	1805	1.56	56	87	3.12	2818	2612	5640
PERKIOMEN_344	2143	0.20	98	19	0.82	422	692	1756
PERKIOMEN_361	3283	1.45	58	85	3.55	4772	4638	11645
PERKIOMEN_363	2485	1.86	49	91	0.64	4622	3762	1598
POINT_001	491	2.04	190	387	0.00	1001	3169	1
POPLAR_003	924	0.03	54	2	0.00	31	28	0
PORTERS_MILL_002	257	3.88	110	426	1.16	996	1827	299
RAHNS_000	630	1.17	51	59	2.22	735	619	1398
SADSBURY_000	600	2.02	59	120	6.26	1212	1198	3755
SCHWENKSVILLE_001	534	5.82	119	692	4.63	3108	6158	2473
SCHWENKSVILLE_002	657	1.57	55	86	3.36	1031	942	2206
SOLEBURY_001	470	2.92	173	504	2.03	1373	3951	955
SOLEBURY_002	276	1.12	154	173	3.47	310	795	957
STONY_002	201	0.68	149	101	1.02	137	340	206
STREET_000	318	0.82	284	233	4.60	261	1237	1463
THORNDALE_002	462	0.31	67	21	1.73	143	160	800
TREDYFFRIN_132	619	1.43	144	205	1.59	883	2113	982

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
TUNA_132	759	0.04	36	1	0.00	31	19	0
TUNA_133	1670	0.64	48	31	0.42	1065	852	709
TUNA_143	368	0.39	82	32	0.00	145	198	0
TUNA_146	1576	0.04	192	8	0.26	62	199	413
TUNNEL_137	6	0.00	0	0	0.00	0	0	0
UNIVERSITY_012	11	3.45	50	172	0.00	38	31	0
UPPER_DARBY_134	2018	0.17	113	19	0.01	335	631	18
UPPER_DARBY_135	2145	0.21	38	8	0.02	446	280	35
UPPER_MERION_144	904	1.92	84	161	0.73	1736	2430	659
UPPER_PROVIDENCE_343	1494	2.22	86	192	1.60	3323	4782	2397
UPPER_PROVIDENCE_344	1530	1.13	112	126	1.63	1725	3219	2501
WANEETA_133	1692	0.04	465	19	0.10	70	543	167
WARRINGTON_341	2349	0.61	123	75	1.17	1442	2952	2756
WARRINGTON_364	1747	0.20	169	34	2.51	354	995	4385
WAVERLY_136	24	0.67	89	59	0.29	16	24	7
WAYNE_134	544	1.93	93	178	1.00	1048	1616	544
WAYNE_143	697	0.90	127	114	2.97	629	1329	2070
WENTZ_000	317	0.24	208	51	0.02	77	267	7
WEST_OAK_LANE_005	759	0.26	103	27	0.09	197	338	72
WHITAKER_000	177	0.23	24	6	1.02	41	16	181
WHITEMARSH_133	1671	1.97	52	102	3.17	3288	2854	5291
WHITEMARSH_142	1013	0.06	150	9	0.54	64	160	549
WHITEMARSH_144	765	2.44	132	322	2.75	1868	4102	2103
WHITEMARSH_163	331	0.82	40	33	0.00	273	184	0
WHITEMARSH_164	1145	0.72	82	60	0.43	827	1136	490
WILLOWDALE_001	319	1.07	156	167	0.01	340	886	2
WISTER_010	147	0.24	82	20	0.00	36	49	0
WOODBOURNE_341	4735	0.38	92	35	0.52	1820	2781	2452
WOODBOURNE_352	1515	1.89	126	238	2.53	2863	5997	3830
BEIDLER_131	321	1.13	103	116	0.00	362	620	0
BELMONT_003	506	0.12	848	104	0.00	62	877	0

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 09/30/2024

BEIDLER_131

Montgomery County

Completed:

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Remedial efforts completed

BELMONT_003

Montgomery County

Completed:

- Inspect circuit visually and with thermographic camera
- Inspect selected areas of circuit for vegetation issues and correct as needed
- Upgrade secondary
- Remedial efforts completed

BRADFORD_344

Chester County

Completed:

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Inspect selected areas of circuit for vegetation issues and correct as needed
- Upgrade fusing
- Remedial efforts completed

BRYAN_001

York County

Completed:

- Inspect circuit visually and with thermographic camera
- Upgrade fusing
- Remedial efforts completed

BRYAN_002

York County

Completed:

- Inspect circuit visually and with thermographic camera
- Upgrade primary

BUCKINGHAM_354

Bucks County

Completed:

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Upgrade secondary
- Remedial efforts completed

CLAY_342

Chester County

Completed:

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Inspect selected areas of circuit for vegetation issues and correct as needed
- Upgrade fusing

Remedial efforts completed

COOPER_371

York County

Completed:

Inspect circuit visually and with thermographic camera
Upgrade primary

CORNOG_002

Chester County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Install new fusing
Remedial efforts completed

CURLY_000

Bucks County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

DOWNINGTOWN_003

Chester County

Planned:

Inspect circuit visually and with thermographic camera

EAGLE_341

Chester County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Remedial efforts completed

EAGLE_353

Chester County

Completed:

Complete corrective reliability work orders
Upgrade insulators
Install tree resistant wire

Planned:

Inspect circuit visually and with thermographic camera

ELLWOOD_001

Bucks County

Completed:

Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

EMILIE_131

Bucks County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

EMILIE_132

Bucks County

Completed:

Complete corrective reliability work orders

Upgrade secondary

Planned:

Inspect circuit visually and with thermographic camera

EVANS_002

Montgomery County

Completed:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

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

Remedial efforts completed

FLINT_132

Montgomery County

Completed:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

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

Install new fusing

Remedial efforts completed

FLINT_144

Delaware County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

FOULK_131

Delaware County

Completed:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Upgrade primary

Upgrade secondary

Remedial efforts completed

FURNACE_000

York County

Completed:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

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

Upgrade secondary

Upgrade primary

GARRETT_006

Delaware County

Completed:

Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

GERMANTOWN_022

Philadelphia County

Completed:

Inspect circuit visually and with thermographic camera
Remedial efforts completed

GLADWYNE_001

Delaware County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

GLADWYNE_132

Delaware County

Completed:

Inspect circuit visually and with thermographic camera
Upgrade insulators
Upgrade primary

GOLF_002

Chester County

Completed:

Inspect circuit visually and with thermographic camera
Upgrade primary

GOSHEN_351

Chester County

Completed:

Inspect circuit visually and with thermographic camera
Remedial efforts completed

GROVE_000

Chester County

Completed:

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

Planned:

Inspect circuit visually and with thermographic camera

HAGYS_004

Delaware County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Upgrade primary

HARMONY_003

Chester County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

HEATON_147

Montgomery County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Install new fusing
Remedial efforts completed

HUNTING_PARK_040

Philadelphia County

Completed:

Inspect circuit visually and with thermographic camera
Complete corrective reliability work orders

KEMBLE_002

Chester County

Completed:

Inspect circuit visually and with thermographic camera
Upgrade primary

KENNETT_SQUAR_005

Chester County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

KING_135

Montgomery County

Completed:

Inspect circuit visually and with thermographic camera
Complete corrective reliability work orders

LAMOKIN_001

Delaware County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

LANDENBERG_000

Chester County

Completed:

Complete corrective reliability work orders
Inspect circuit visually and with thermographic camera
Inspect selected areas of circuit for vegetation issues and correct as needed
Remedial efforts completed

LENAPE_341*Chester County***Completed:**

Inspect circuit visually and with thermographic camera
Remedial efforts completed

LEWIS_001*Montgomery County***Completed:**

Install tree resistant wire

Planned:

Inspect circuit visually and with thermographic camera

LINE_1068*Philadelphia County***Completed:**

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

LINE_106_00*Bucks County***Planned:**

Inspect circuit visually and with thermographic camera

LINE_1073*Philadelphia County***Planned:**

Inspect circuit visually and with thermographic camera

LINE_132_00WO*Bucks County***Completed:**

Inspect circuit visually and with thermographic camera
Remedial efforts completed

LINE_189_00EM*Bucks County***Completed:**

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

LINE_1900BA*Montgomery County***Completed:**

Complete corrective reliability work orders
Install animal protection

Planned:

Inspect circuit visually and with thermographic camera

LINE_2200CR*Chester County***Completed:**

Inspect circuit visually and with thermographic camera
Remedial efforts completed

LINE_2278*Philadelphia County***Completed:**

- Complete corrective reliability work orders
- Complete Circuit analysis
- Remedial efforts completed

Planned:

Thermographic Inspection is not applicable due to circuit being underground

LINE_2292*Philadelphia County***Planned:**

Thermographic Inspection is not applicable due to circuit being underground

LINE_3300*Bucks County***Completed:**

- Complete corrective reliability work orders
- Inspect circuit visually and with thermographic camera
- Remedial efforts completed

LINE_3700EM*Bucks County***Planned:**

Inspect circuit visually and with thermographic camera

LINE_4100PB*Chester County***Planned:**

Inspect circuit visually and with thermographic camera

LINE_800CR*Chester County***Completed:**

- Complete corrective reliability work orders
- Inspect selected areas of circuit for vegetation issues and correct as needed
- Upgrade insulators

Planned:

Inspect circuit visually and with thermographic camera

MARSHALLTON_001*Chester County***Completed:**

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

Planned:

Inspect circuit visually and with thermographic camera

MARSHALLTON_002*Chester County***Completed:**

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

Planned:

Inspect circuit visually and with thermographic camera

MEDIA_012

Delaware County

Completed:

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

Planned:

Inspect circuit visually and with thermographic camera

MIDDLETOWN_142

Delaware County

Completed:

Upgrade secondary

Planned:

Inspect circuit visually and with thermographic camera

MONTGOMERY_000

Bucks County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

MORWOOD_000

Montgomery County

Planned:

Inspect circuit visually and with thermographic camera

MOUNTAIN_000

Bucks County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

NEWLINVILLE_353

Chester County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

NEWLINVILLE_361

Chester County

Completed:

Complete corrective reliability work orders

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

Planned:

Inspect circuit visually and with thermographic camera

NORCO_001

Chester County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

Upgrade primary

NORTH_WALES_346

Montgomery County

Completed:

Inspect circuit visually and with thermographic camera
Remedial efforts completed

PARRISH_138

Philadelphia County

Completed:

Complete corrective reliability work orders

Planned:

Thermographic Inspection is not applicable due to circuit being underground

PEACH_BOTTOM_361

York County

Completed:

Complete corrective reliability work orders
Upgrade fusing

Planned:

Inspect circuit visually and with thermographic camera

PENLLYN_002

Montgomery County

Planned:

Inspect circuit visually and with thermographic camera

PENTRIDGE_015

Philadelphia County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

PENTRIDGE_017

Philadelphia County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

PERKIOMEN_341

Montgomery County

Completed:

Complete corrective reliability work orders
Upgrade primary

Planned:

Inspect circuit visually and with thermographic camera

PERKIOMEN_344

Montgomery County

Completed:

Upgrade fusing

Planned:

Inspect circuit visually and with thermographic camera

PERKIOMEN_361

Montgomery County

Completed:

Complete corrective reliability work orders
Upgrade secondary

Planned:

Inspect circuit visually and with thermographic camera

PERKIOMEN_363

Montgomery County

Planned:

Inspect circuit visually and with thermographic camera

POINT_001

Montgomery County

Planned:

Inspect circuit visually and with thermographic camera

POPLAR_003

Montgomery County

Planned:

Inspect circuit visually and with thermographic camera

PORTERS_MILL_002

Chester County

Completed:

Complete corrective reliability work orders
Inspect selected areas of circuit for vegetation issues and correct as needed
Upgrade fusing
Upgrade primary

Planned:

Inspect circuit visually and with thermographic camera

RAHNS_000

Montgomery County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

SADSBURY_000

Chester County

Planned:

Inspect circuit visually and with thermographic camera
Upgrade primary

SCHWENKSVILLE_001

Montgomery County

Completed:

Install new FCIS

Planned:

Inspect circuit visually and with thermographic camera

SCHWENKSVILLE_002

Montgomery County

Completed:

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

Upgrade insulators

Planned:

Inspect circuit visually and with thermographic camera

SOLEBURY_001

Bucks County

Completed:

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

Upgrade insulators

Planned:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

SOLEBURY_002

Bucks County

Completed:

Complete corrective reliability work orders

Upgrade transformer

Planned:

Inspect circuit visually and with thermographic camera

STONY_002

Bucks County

Completed:

Complete corrective reliability work orders

Upgrade transformer

Planned:

Inspect circuit visually and with thermographic camera

STREET_000

Chester County

Completed:

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

Planned:

Inspect circuit visually and with thermographic camera

Upgrade primary

THORNDALE_002

Chester County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

TREDYFFRIN_132

Chester County

Completed:

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

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

TUNA_132

Philadelphia County

Completed:

Install new recloser

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

TUNA_133

Philadelphia County

Planned:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

TUNA_143

Philadelphia County

Planned:

Inspect circuit visually and with thermographic camera

TUNA_146

Philadelphia County

Completed:

Upgrade primary

Upgrade transformer

Planned:

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

TUNNEL_137

Philadelphia County

Planned:

Inspect circuit visually and with thermographic camera

UNIVERSITY_012

Philadelphia County

Completed:

Upgrade primary

Planned:

Thermographic Inspection is not applicable due to circuit being underground

UPPER_DARBY_134

Delaware County

Completed:

Complete corrective reliability work orders

Upgrade primary

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

Planned:

Inspect circuit visually and with thermographic camera

UPPER_DARBY_135

Delaware County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

UPPER_MERION_144

Chester County

Completed:

Complete corrective reliability work orders

Install cut-out mounted recloser
Inspect selected areas of circuit for vegetation issues and correct as needed

Planned:

Inspect circuit visually and with thermographic camera

UPPER_PROVIDENCE_343

Montgomery County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

UPPER_PROVIDENCE_344

Montgomery County

Completed:

Complete corrective reliability work orders
Upgrade transformer

Planned:

Inspect circuit visually and with thermographic camera

WANEETA_133

Philadelphia County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

WARRINGTON_341

Bucks County

Completed:

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

Planned:

Inspect circuit visually and with thermographic camera

WARRINGTON_364

Bucks County

Completed:

Inspect selected areas of circuit for vegetation issues and correct as needed
Install new fusing
Upgrade secondary

Planned:

Inspect circuit visually and with thermographic camera

WAVERLY_136

Philadelphia County

Planned:

Thermographic Inspection is not applicable due to circuit being underground

WAYNE_134

Delaware County

Completed:

Upgrade primary
Install new fusing
Upgrade secondary

Planned:

Inspect circuit visually and with thermographic camera

WAYNE_143*Delaware County***Completed:**

Install tree resistant wire

Planned:

Inspect circuit visually and with thermographic camera

WENTZ_000*Montgomery County***Completed:**

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

WEST_OAK_LANE_005*Philadelphia County***Completed:**

Complete corrective reliability work orders

Upgrade infrastructure

Planned:

Inspect circuit visually and with thermographic camera

WHITAKER_000*Philadelphia County***Completed:**

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

WHITEMARSH_133*Montgomery County***Completed:**

Complete corrective reliability work orders

Install new fusing

Upgrade fusing

Upgrade secondary

Planned:

Inspect circuit visually and with thermographic camera

WHITEMARSH_142*Montgomery County***Completed:**

Complete corrective reliability work orders

Install new fusing

Planned:

Inspect circuit visually and with thermographic camera

WHITEMARSH_144*Montgomery County***Completed:**

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

Planned:

Inspect circuit visually and with thermographic camera

WHITEMARSH_163

Montgomery County

Completed:

Complete corrective reliability work orders

Planned:

Inspect circuit visually and with thermographic camera

WHITEMARSH_164

Montgomery County

Completed:

Complete corrective reliability work orders

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

Install new fusing

Upgrade secondary

Inspect circuit visually and with thermographic camera

WILLOWDALE_001

Chester County

Completed:

Upgrade secondary.

Planned:

Inspect circuit visually and with thermographic camera

WISTER_010

Philadelphia County

Planned:

Thermographic Inspection is not applicable due to circuit being underground

WOODBOURNE_341

Bucks County

Completed:

Complete corrective reliability work orders

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

Install new recloser

Planned:

Inspect circuit visually and with thermographic camera

WOODBOURNE_352

Bucks County

Completed:

Complete corrective reliability work orders

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

Planned:

Inspect circuit visually and with thermographic camera

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).