



peco<sup>SM</sup>

AN EXELON COMPANY

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April 29, 2025

**VIA E-FILING**

Matthew Homsher, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, Pennsylvania 17120

**Re: PECO 2025 First Quarter Reliability Report PUC Docket No. M-2023-3039027**

Dear Secretary Homsher:

Enclosed is PECO's 2025 Quarterly Reliability Report for the period ending March 31, 2025, 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.

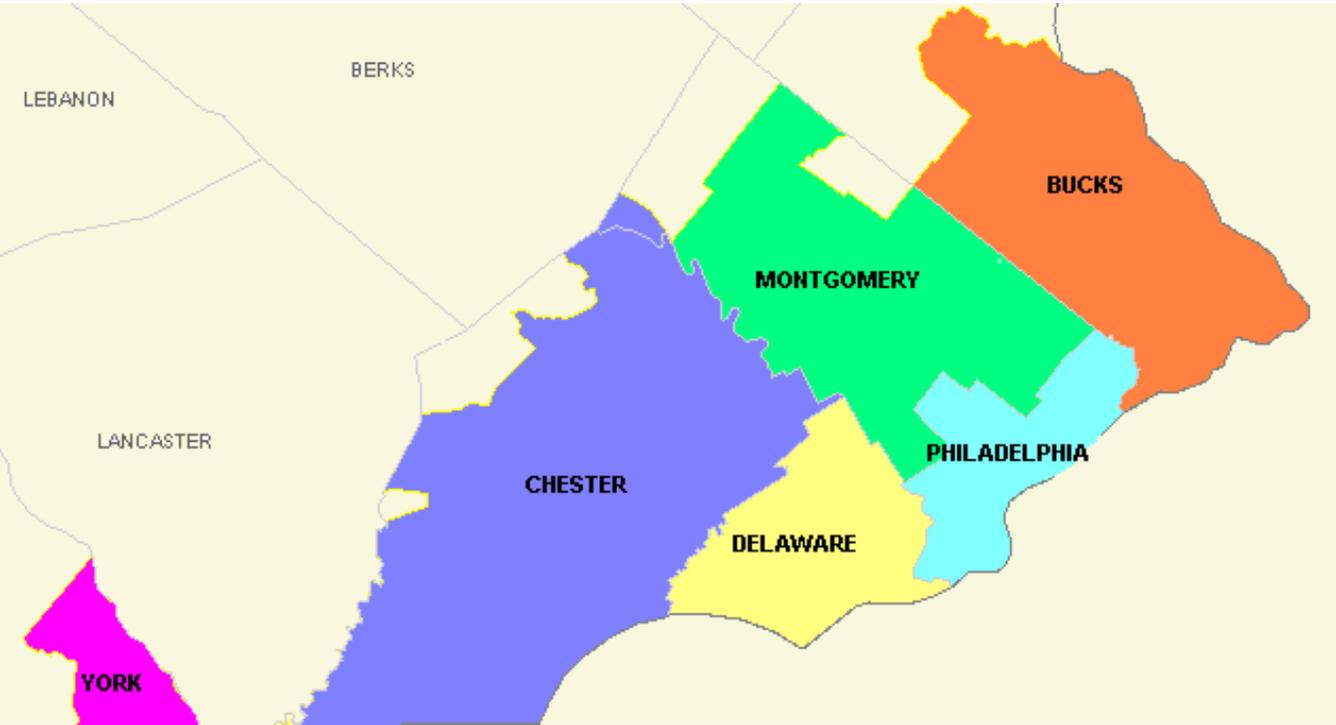
Thank you for your assistance in this matter and please direct any questions regarding the above to Megan McDevitt, Manager, Retail Rates at 267-533-1942 or via email: [megan.mcdevitt@exeloncorp.com](mailto:megan.mcdevitt@exeloncorp.com).

Sincerely,

Enclosure

Cc: John Van Zant (via email only)  
Dan Searfoorce (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 March 31, 2025



**April 29, 2025**

**PECO Energy (“PECO”)**

**Quarterly Reliability Report for the Period Ending March 31, 2025 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 first quarter of 2025. A severe storm caused downed trees, limbs on power lines, and interrupted service to 239,223 customers. 1,653 PECO employees supported emergency response efforts in conjunction with crews from PECO’s sister utilities.

**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
1,664,438	1,316,683	2,117,648	1,556,568	127,058,897	0.79	96	76	0.94

Data reflects 12 months ending 03/31/2025.

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 both 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 repeated 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, 2025					
Cause	Service Outages	% of Service Outages	Customer Interruptions	% of Customer Interruptions	Customer Minutes
Animal	1,608	12.4%	40,827	3.1%	2,500,684
Contact/Dig-In	107	0.8%	11,936	0.9%	1,004,953
Equipment Failure	4,475	34.6%	502,493	38.2%	44,188,721
Lightning	218	1.7%	34,641	2.6%	3,064,400
Other	1,290	10.0%	122,579	9.3%	10,497,245
T&S	27	0.2%	28,203	2.1%	1,235,776
Unknown	380	2.9%	39,699	3.0%	2,212,402
Vegetation-Broken/Uprooted	3,861	29.8%	407,843	31.0%	50,376,761
Vegetation-Ingrowth	662	5.1%	79,319	6.0%	7,959,316
Vehicles	307	2.4%	49,143	3.7%	4,018,639

\*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 was interrupted.

The largest contributors to customer interruptions were equipment failure and tree-related interruptions. Most customer interruptions caused by trees came from broken branches and tree trunks or uprooted trees (31.0% of all customer interruptions), as opposed to ingrowth (6.0% of all outage customer interruptions). PECO has observed an increase in dead and declining ash trees near its electrical facilities. Emerald ash borers (invasive insects that cause ash tree deaths) are known to be concentrated in the eastern United States and have infested areas across the PECO territory. Limb and tree failures caused by emerald ash borers are expected to increase during this decade. PECO is addressing this issue 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 YTD 3/31/2025			
	1st Quarter Tasks		2025 Total
	Planned	Complete	Planned
Recloser Inspections (Number of reclosers inspected)	120	266	413
Circuit Patrol & Thermography (Number of circuits patrolled)	334	316	969
Pole Inspections (Number of poles visually inspected)	418	1,371	34,000
Padmount Transformers (Number of transformers visually inspected)	422	401	6,441
Below Ground Transformers (Number of transformers visually inspected)	266	173	1,184
Substations (Number of substations inspections performed (e.g. visual inspection, reading of currents, voltages, temperature etc.) for a variety of substation components)	363	360	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)	713	713	2,790

Vegetation Management Preventive Maintenance Program – status as of YTD 3/31/2025			
	1st Quarter Miles		2025
	Planned	Complete	Total Planned
Distribution Lift and Manual Trimming	652	776	2,812
Transmission Trimming and Removals	45	51	198

**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 1st Quarter	Actual 1st Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$1.0	\$0.8	\$1.0	\$0.8
Capacity Expansion	\$0.1	\$0.1	\$0.1	\$0.1
System Performance	\$25.9	\$26.4	\$25.9	\$26.4
Facility Relocation	\$0.0	\$0.1	\$0.0	\$0.1
Maintenance	\$47.0	\$55.9	\$47.0	\$55.9
Total	\$74.0	\$83.3	\$74.0	\$83.3

**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 1st Quarter	Actual 1st Quarter	Budgeted Year-to-Date	Actual Year-to-Date
New Business Connections	\$33.0	\$26.4	\$33.0	\$26.4
Capacity Expansion	\$23.8	\$12.7	\$23.8	\$12.7
System Performance	\$194.0	\$206.8	\$194.0	\$206.8
Facility Relocation	\$8.3	\$6.3	\$8.3	\$6.3
Maintenance	\$39.8	\$41.9	\$39.8	\$41.9
Total	\$298.9	\$294.1	\$298.9	\$294.1

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

PECO’s full-time trade staff as of March 31<sup>st</sup>, 2025 was as follows:

Aerial Lineman	457
Underground Lineman (Include UTS)	62
Transmission / Substation Mechanics, Operators	132
Energy Technicians	90
Aerial Foreman	71

Underground Foreman	16
Transmission / Substation Foreman	47
ET Foreman	8
Total	883

PECO has worked jointly with the other PA EDC's, the Energy Association of PA and PAPUC Staff to develop a consistent reporting methodology for this requirement.

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**Appendix A**  
**Rolling 12- month reliability index values for 5% worst performing circuits**

Circuit	Customers On Circuit	SAIFI	CAIDI	SAIDI	MAIFI	Customers Interruptions	Customer Hours	Momentary Customers
ABINGTON_005	435	3	92	239	0	1130	1736	11
AIRY_004	411	0	149	13	0	36	89	0
ALLEN_001	57	4	212	875	0	235	831	0
AQUE_000	233	1	27	40	1	342	156	256
BALA_136	508	2	54	111	2	1042	942	1166
BIRCH_000	294	4	223	921	4	1215	4513	1319
BLUE_GRASS_130	1091	0	190	17	0	96	305	0
BRADFORD_341	1302	1	253	339	2	1742	7354	2159
BRADFORD_346	2460	2	101	202	10	4906	8271	24158
BRYN_MAWR_012	160	8	78	622	1	1275	1659	160
BUCK_000	360	3	64	185	0	1042	1112	66
BUCKINGHAM_342	3128	3	64	207	1	10193	10816	4667
BUCKINGHAM_351	1321	1	130	109	1	1111	2410	1804
BUCKINGHAM_362	3298	1	141	138	1	3224	7601	2549
BUCKINGHAM_371	2098	2	113	236	4	4386	8251	7992
BURHOLME_017	590	0	0	0	0	0	0	0
BURHOLME_020	822	1	96	103	1	881	1414	851
BYBERRY_174	139	0	317	32	0	14	74	0
BYBERRY_184	995	2	95	214	2	2228	3546	1945
CALN_000	506	5	127	583	0	2329	4919	1
CARVER_000	359	3	99	308	1	1115	1845	410
CEDARBROOK_028	690	3	69	218	0	2180	2502	0
CHANDLER_000	405	1	213	159	2	302	1072	827
CLAY_343	1060	3	112	318	6	3014	5618	6622
CLAY_352	997	2	147	274	1	1859	4557	1316
CONCORD_347	1563	1	90	128	3	2217	3343	5189
CONCORD_351	2322	1	81	102	3	2927	3934	7748
DAVISVILLE_005	602	0	627	14	1	13	136	600
DELTA_001	336	2	44	90	1	685	506	333
DOE_RUN_000	401	2	155	343	2	891	2295	803
DOWNINGTOWN_004	667	1	546	608	1	743	6760	645
DOYLESTOWN_004	796	1	55	60	0	864	790	0
DUTTON_001	623	0	185	46	0	155	478	88
DUTTON_002	312	0	184	33	0	56	171	0
ELKVIEW_002	185	3	158	466	2	546	1438	400
ELLWOOD_003	838	1	24	25	0	850	346	0
EXTON_000	277	2	92	175	5	529	807	1470
FAIRLESS_008	508	5	64	304	0	2397	2571	4
GARDENVILLE_000	268	1	94	102	1	293	457	291
GOSHEN_352	3361	2	89	185	2	6961	10336	5868
HARMONY_007	1146	0	157	16	5	113	296	5890
HENDERSON_001	513	0	97	9	0	47	76	0
JENKINTOWN_130	443	1	40	45	0	499	335	21

LANE_002	738	1	239	278	2	860	3420	1541
LEDERACH_003	257	4	109	465	0	1100	1993	92
LENAPE_343	2008	1	203	148	2	1463	4949	3189
LENAPE_351	1796	1	170	181	1	1913	5421	1047
LENAPE_352	1844	3	122	381	4	5765	11724	7405
LIME_000	209	0	184	2	3	2	6	621
LINE_1066	474	0	217	76	0	165	597	79
LINE_1300CR	2560	2	82	126	3	3920	5379	8519
LINE_161_00CO	1263	1	175	255	3	1841	5359	3632
LINE_185_00	765	2	41	87	0	1618	1111	186
LINE_2100CR	1514	1	67	67	1	1518	1697	2036
LINE_2216	1723	1	88	56	0	1099	1606	557
LINE_2235	2201	0	77	30	1	872	1114	1718
LINE_2472	1047	1	82	77	0	984	1337	0
LINE_2682	1702	0	275	26	0	161	737	629
LINE_3200EM	84	2	52	85	0	137	119	1
LINE_3307NT	2215	3	73	217	3	6621	8020	5865
LINE_3340	935	0	325	22	0	64	347	2
LINE_505	1212	0	92	3	0	40	61	0
LINE_6600UP	95	1	206	190	0	88	302	2
LINE_705	623	2	44	107	1	1500	1108	507
LINE_744	314	2	39	74	0	606	390	3
LINE_9600	453	2	181	360	0	902	2721	1
LINFIELD_000	682	1	123	132	0	733	1498	66
LINTON_351	3080	4	89	326	3	11230	16719	9184
LOGAN_003	923	0	92	1	0	6	9	0
LYNDELL_000	107	10	64	634	5	1060	1130	542
MANOR_001	206	3	62	188	13	629	647	2601
MANOR_002	416	5	88	409	9	1946	2838	3537
MARKLEY_001	669	3	47	133	4	1907	1484	2858
MARKLEY_004	820	5	92	467	1	4143	6377	824
MARKLEY_133	1343	2	89	187	6	2822	4197	7778
MIDDLETOWN_349	2134	2	97	194	2	4244	6889	3750
MIDDLETOWN_351	1369	1	105	110	0	1428	2504	29
MONROE_004	401	3	90	282	1	1258	1887	436
NESHAMINY_133	1067	1	263	172	0	697	3050	203
NESHAMINY_144	1713	1	143	109	0	1311	3120	367
NEWLINVILLE_011	642	4	60	248	3	2658	2654	1962
NEWLINVILLE_342	1951	4	65	249	5	7456	8108	9100
NEWLINVILLE_343	3423	1	107	106	2	3369	6030	5621
NEWLINVILLE_362	2755	2	124	207	8	4617	9519	21456
NOLAN_004	738	1	53	70	0	982	864	0
OLIVE_001	881	3	125	386	0	2719	5665	160
PENCOYD_133	1281	2	80	181	3	2903	3861	4333
PENLLYN_001	905	5	47	238	3	4634	3595	2805
PENLLYN_004	465	3	112	311	2	1288	2409	802
PENTRIDGE_013	1171	0	134	2	0	18	40	0
PLUMSTEAD_002	334	2	47	92	0	657	510	0
PLYMOUTH_136	570	1	66	38	1	327	358	294
PLYMOUTH_161	304	0	194	23	0	36	116	0
POCOPSON_000	234	5	96	515	3	1255	2008	809

<b>PULASKI_012</b>	260	1	77	90	0	306	391	105
<b>PULASKI_014</b>	835	2	71	125	1	1473	1736	750
<b>PULASKI_138</b>	1366	1	59	43	2	992	969	2282
<b>RICHMOND_143</b>	2126	0	140	5	0	69	161	648
<b>ROXBOROUGH_136</b>	1096	0	114	53	0	503	960	60
<b>RUSHLAND_000</b>	379	5	190	886	0	1764	5599	27
<b>SECANE_007</b>	702	2	86	192	0	1562	2248	0
<b>SOMERSET_008</b>	506	0	0	0	1	0	0	503
<b>STONY_001</b>	389	2	70	175	2	971	1135	595
<b>SUNNYBURN_001</b>	404	1	245	351	1	578	2362	396
<b>TANGUY_000</b>	190	4	101	364	6	683	1154	1209
<b>TRAPPE_002</b>	452	0	19	0	1	3	1	456
<b>TREVOSE_005</b>	80	3	66	230	0	278	307	1
<b>TREVOSE_138</b>	1180	0	180	34	3	222	667	3381
<b>WARMINSTER_006</b>	426	1	102	101	0	423	719	0
<b>WARWICK_000</b>	505	1	39	40	0	518	339	16
<b>WEST_BUCK_002</b>	435	0	697	119	1	74	860	430
<b>WEST_CHESTER_011</b>	592	2	192	439	1	1356	4331	697
<b>WESTTOWN_000</b>	237	1	681	609	5	212	2407	1256
<b>WHITEMARSH_141</b>	1131	1	96	126	2	1496	2382	2749

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 03/31/2025

### **ABINGTON\_005**

*Montgomery County*

**Completed:**

Inspect circuit visually and with thermographic camera

**Planned:**

Complete corrective reliability work orders

### **AIRY\_004**

*Montgomery County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

### **ALLEN\_001**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

### **AQUE\_000**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

### **BALA\_136**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

### **BIRCH\_000**

*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

### **BLUE\_GRASS\_130**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**BRADFORD\_341**

*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

**BRADFORD\_346**

*Chester County*

**Completed:**

Install new fusing

**Planned:**

Inspect circuit visually and with thermographic camera

**BRYN\_MAWR\_012**

*Delaware County*

**Planned:**

Inspect circuit visually and with thermographic camera

**BUCKINGHAM\_342**

*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

**BUCKINGHAM\_351**

*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

**BUCKINGHAM\_362**

*Bucks County*

**Planned:**

Inspect circuit visually and with thermographic camera

**BUCKINGHAM\_371**

*Bucks County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

**BUCK\_000**

*Chester County*

**Completed:**

Complete corrective reliability work orders

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

Install disconnect switch

Upgrade transformer

**Planned:**

Create breakdown

Inspect circuit visually and with thermographic camera

Upgrade primary

**BURHOLME\_017**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**BURHOLME\_020**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**BYBERRY\_174**

*Bucks County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**BYBERRY\_184**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Install cut-out mounted recloser

Remedial efforts completed

**CALN\_000**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Relocate pole line

**Planned:**

Inspect circuit visually and with thermographic camera

**CARVER\_000**

*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

**CEDARBROOK\_028**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**CHANDLER\_000**

*Chester County*

**Completed:**

Complete corrective reliability work orders

Install new fusing

**Planned:**

Inspect circuit visually and with thermographic camera

**CLAY\_343**

*Chester County*

**Completed:**

Upgrade transformer

**Planned:**

Inspect circuit visually and with thermographic camera

Install new fusing

Install new recloser

**CLAY\_352**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

**CONCORD\_347**

*Delaware County*

**Completed:**

Upgrade secondary

**Planned:**

Inspect circuit visually and with thermographic camera

**CONCORD\_351**

*Delaware County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera  
Remove interposers and convert to 34Kv  
Upgrade primary

**DAVISVILLE\_005**

*Montgomery County*

**Completed:**

Inspect circuit visually and with thermographic camera  
Install new fusing  
Upgrade transformer

**Planned:**

Complete corrective reliability work orders

**DELTA\_001**

*York County*

**Completed:**

Inspect circuit visually and with thermographic camera

**Planned:**

Install new recloser

**DOE\_RUN\_000**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

**DOWNINGTOWN\_004**

*Chester County*

**Completed:**

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

**Planned:**

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

**DOYLESTOWN\_004**

*Bucks County*

**Completed:**

Inspect circuit visually and with thermographic camera  
Remedial efforts completed

**DUTTON\_001**

*Delaware County*

**Planned:**

Inspect circuit visually and with thermographic camera  
Upgrade secondary

**DUTTON\_002**

*Delaware County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

**ELKVIEW\_002**

*Chester County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**ELLWOOD\_003**

*Bucks County*

**Planned:**

Inspect circuit visually and with thermographic camera

Upgrade transformer

**EXTON\_000**

*Chester County*

**Completed:**

Inspect circuit visually and with thermographic camera

Remedial efforts completed

**FAIRLESS\_008**

*Bucks County*

**Planned:**

Inspect circuit visually and with thermographic camera

**GARDENVILLE\_000**

*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

**GOSHEN\_352**

*Chester County*

**Completed:**

Complete corrective reliability work orders

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

Upgrade secondary

**Planned:**

Inspect circuit visually and with thermographic camera

**HARMONY\_007**

*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

**HENDERSON\_001**

*Montgomery County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**JENKINTOWN\_130**

*Montgomery County*

**Completed:**

Inspect circuit visually and with thermographic camera

Install new underground switch

Remedial efforts completed

**LANE\_002**

*Montgomery 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

**LEDERACH\_003**

*Montgomery 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

**LENAPE\_343**

*Chester County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Upgrade fusing

Upgrade secondary

**LENAPE\_351**

*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\_352***Chester County***Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

Upgrade fusing

**LIME\_000***Chester County***Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_1066***Philadelphia County***Completed:**

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

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Upgrade transformer

**LINE\_1300CR***Chester County***Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_161\_00CO***Chester County***Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_185\_00***Bucks County***Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**LINE\_2100CR***Chester County***Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_2216***Philadelphia County*

**Planned:**

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

**LINE\_2235**

*Montgomery County*

**Completed:**

De-energize unused equipment

**Planned:**

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

**LINE\_2472**

*Philadelphia County*

**Completed:**

Complete circuit analysis

**LINE\_2682**

*Philadelphia County*

**Planned:**

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

**LINE\_3200EM**

*Bucks County*

**Completed:**

Complete corrective reliability work orders  
Upgrade secondary

**Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_3307NT**

*Chester County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_3340**

*Delaware County*

**Completed:**

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

**LINE\_505**

*Philadelphia County*

**Planned:**

Reliability Report for period ending March 31, 2025

Inspect circuit visually and with thermographic camera

**LINE\_6600UP**

*Montgomery County*

**Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_705**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**LINE\_744**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**LINE\_9600**

*Montgomery County*

**Planned:**

Inspect circuit visually and with thermographic camera

**LINFIELD\_000**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

**LINTON\_351**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

Install tree resistant wire

Upgrade transformer

**Planned:**

Inspect circuit visually and with thermographic camera

**LOGAN\_003**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**LYNDELL\_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

**Planned:**

Changing feeder

**MANOR\_001**

*Chester County*

**Completed:**

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

**MANOR\_002**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera  
Upgrade secondary

**MARKLEY\_001**

*Montgomery County*

**Completed:**

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

**MARKLEY\_004**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**MARKLEY\_133**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**MIDDLETOWN\_349**

*Delaware 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  
Upgrade primary

**MIDDLETOWN\_351***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

**MONROE\_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  
Remedial efforts completed

**NESHAMINY\_133***Bucks County***Completed:**

Inspect circuit visually and with thermographic camera  
Install cut-out mounted recloser  
Remedial efforts completed

**NESHAMINY\_144***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  
Install new fusing

**NEWLINVILLE\_011***Chester County***Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**NEWLINVILLE\_342***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  
Upgrade primary

**NEWLINVILLE\_343**

*Chester County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

Upgrade primary

**NEWLINVILLE\_362**

*Chester County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

Upgrade primary

**NOLAN\_004**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**OLIVE\_001**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

**PENCOYD\_133**

*Delaware County*

**Completed:**

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

Upgrade primary

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Install cut-out mounted recloser

Install new recloser

**PENLLYN\_001**

*Montgomery County*

**Planned:**

Inspect circuit visually and with thermographic camera

**PENLLYN\_004**

*Montgomery County*

**Planned:**

Inspect circuit visually and with thermographic camera

**PENTRIDGE\_013**

*Philadelphia County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**PLUMSTEAD\_002**

*Bucks County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

**PLYMOUTH\_136**

*Montgomery 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

**PLYMOUTH\_161**

*Montgomery County*

**Completed:**

Install animal protection

**Planned:**

Inspect circuit visually and with thermographic camera

**POCOPSON\_000**

*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

Upgrade primary

**PULASKI\_012**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Upgrade transformer

**PULASKI\_014**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

Upgrade transformer

**PULASKI\_138**

*Philadelphia County*

**Completed:**

Inspect circuit visually and with thermographic camera

**Planned:**

Complete corrective reliability work orders

**RICHMOND\_143**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**ROXBOROUGH\_136**

*Philadelphia County*

**Planned:**

Inspect circuit visually and with thermographic camera

**RUSHLAND\_000**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

**Planned:**

Inspect circuit visually and with thermographic camera

**SECANE\_007**

*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

**Planned:**

Install new recloser

**SOMERSET\_008**

*Philadelphia County*

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**STONY\_001**

*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

**SUNNYBURN\_001**

*York County*

**Completed:**

Inspect circuit visually and with thermographic camera

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

Remedial efforts completed

**TANGUY\_000**

*Delaware 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

**TRAPPE\_002**

*Montgomery County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

**TREVOSE\_005**

*Bucks County*

**Planned:**

Inspect circuit visually and with thermographic camera

**TREVOSE\_138**

*Bucks County*

**Completed:**

Upgrade secondary

**Planned:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

**WARMINSTER\_006**

*Bucks County*

**Completed:**

Install animal protection

**Planned:**

Inspect circuit visually and with thermographic camera

**WARWICK\_000**

*Bucks County*

**Completed:**

Complete corrective reliability work orders

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

Upgrade transformer

**Planned:**

Inspect circuit visually and with thermographic camera

**WESTTOWN\_000**

*Chester County*

**Planned:**

Inspect circuit visually and with thermographic camera

**WEST\_BUCK\_002**

*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

Upgrade fusing

Remedial efforts completed

**WEST\_CHESTER\_011**

*Chester County*

**Completed:**

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

**Planned:**

Inspect circuit visually and with thermographic camera

Upgrade secondary

**WHITEMARSH\_141**

*Montgomery County*

**Completed:**

Complete corrective reliability work orders

Inspect circuit visually and with thermographic camera

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).