

January 31, 2025

**VIA ELECTRONIC FILING**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120

**Re: 4<sup>th</sup> Quarter 2024 Reliability Report – FirstEnergy Pennsylvania  
Electric Company on behalf of Met-Ed Rate District, Penelec Rate District,  
Penn Power Rate District and West Penn Rate District;  
Public Version; Docket No. M-2023-3039027**

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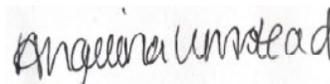
Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 57.195(d) and (e), enclosed for filing by FirstEnergy Pennsylvania Electric Company (“FE PA” or the “Company”) on behalf of Met-Ed Rate District (“Met-Ed”), Penelec Rate District (“Penelec”), Penn Power Rate District (“Penn Power”), and West Penn Rate District (“West Penn”) is the 4th Quarter 2024 Reliability Report – Public Version (“Report”).

On December 22, 2004, the Company filed an Application for Protective Order at Docket No. L-00030161. The Application was granted, allowing the Company to file proprietary versions of the quarterly reliability reports. The Proprietary Version of this Report is being filed under separate cover.

Please feel free to contact me if you have any questions or need additional information regarding this matter.

Sincerely,



Angelina Umstead

AU/dml

Enclosures

- c: As Per Certificate of Service  
D. Searfoorce - Bureau of Technical Utility Services (via email and first-class mail)  
J. Van Zant – Bureau of Technical Utility Services (via email and first-class mail)  
Derek Ruhl - PaPUC Bureau of Technical Utility Services (via electronic mail)

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**4<sup>th</sup> Quarter 2024 Reliability Report –** :  
**FirstEnergy Pennsylvania Electric** :  
**Company on behalf of Met-Ed Rate** :  
**District, Penelec Rate District, Penn Power** : **Docket No. M-2023-3039027**  
**Rate District and West Penn Rate District –** :  
**Public Version** :

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served a true and correct copy of the foregoing document upon the individuals listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

Service by electronic mail, as follows:

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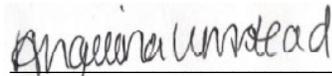
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Dated: January 31, 2025



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behalf of Met-Ed Rate District, Penelec Rate  
District, Penn Power Rate District and West Penn  
Rate District



## 2024 4th Quarter Reliability Report

FirstEnergy Pennsylvania Electric Company on behalf of  
Met-Ed Rate District,  
Penelec Rate District,  
Penn Power Rate District, and  
West Penn Rate District

Pursuant to 52 Pa. Code § 57.195(d) and (e)

**4<sup>th</sup> Quarter 2024 Reliability Report –  
FirstEnergy Pennsylvania Electric Company (“FE PA”) on behalf of  
Met-Ed Rate District (“Met-Ed”),  
Penelec Rate District (“Penelec”),  
Penn Power Rate District (“Penn Power”), and  
West Penn Rate District (“West Penn”)**

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.*<sup>1. 666</sup>

*Major Event(s)*

There were no major events for the 4<sup>th</sup> Quarter in 2024.

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<sup>1</sup> For purposes of this Report, all reliability reporting is based upon the Pennsylvania Public Utility Commission’s definitions for momentary outages and major events pursuant to 52 Pa. Code § 57.192.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*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.*

*Reliability Index Values*

4Q 2024 (12-Mo Rolling)	Met-Ed			Penelec			Penn Power			West Penn		
	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual	Benchmark	12-Month Standard	12-Month Actual
<b>SAIFI</b>	1.15	1.38	2.06	1.26	1.52	1.79	1.12	1.34	1.01	1.05	1.26	1.28
<b>CAIDI</b>	117	140	241.50	117	141	199.18	101	121	146.58	170	204	199.75
<b>SAIDI</b>	135	194	498.20	148	213	355.90	113	162	147.48	179	257	255.49
<b>MAIFI<sup>2</sup></b>			0.453			0.708			0.040			
<b>Customers Served<sup>3</sup></b>	581,491			592,129			175,356			727,426		
<b>Number of Sustained Interruptions</b>	18,237			19,166			3,734			16,126		
<b>Customers Affected</b>	1,199,572			1,058,034			176,436			930,429		
<b>Customer Minutes</b>	289,699,592			210,740,963			25,861,413			185,850,178		
<b>Number of Customer Momentary Interruptions</b>	263,502			419,149			7,060					

<sup>2</sup> MAIFI values are not available for West Penn.

<sup>3</sup> Represents the average number of customers served during the reporting period.

## **Unique Events Occurring in Q4 2024:**

### Met- Ed

- Beginning the late afternoon of Thursday, November 21, 2024, a winter weather system moved through the Met-Ed service territory. The system produced storms with precipitation and wind gusts of approximately 34 miles per hour. Damage as a result of the storms included downed trees and wires, damaged or broken poles, and crossarms. Crews experienced challenges due to difficult travel conditions and access issues due to snow and wintry conditions. The Stroudsburg, Dingmans Ferry, and Milford districts were the hardest hit areas. Approximately 61% of the total outages that occurred were tree related, with an additional 16% related to line and equipment failure. Data indicates the reliability impact of the storm was 15 minutes of SAIDI, 0.03 of SAIFI frequency, and an overall storm CAIDI of 524.29 minutes.

### Penelec

- Beginning in the early morning hours of Friday, November 22, 2024, a storm system began moving through the Penelec service territory. The storm produced heavy, wet snowfall of up to 24 inches, ice, and wind gusts of approximately 45 miles per hour. Damage as a result of the high winds included downed trees and wires, damaged or broken poles and crossarms, and damaged transformers, and cutouts. Challenges to restoration included dangerous conditions such as continuous recloser operations, treacherous roads, road closures, and breaking/falling tree limbs. As a result of these conditions, all trucks in the Montrose District were grounded on November 22, 2024, from 0300 to 1200(noon), and all trucks in the Towanda District were grounded on November 22, 2024, from 0800 to 1200 (noon). In addition, ice and approximately two feet of snowfall made it extremely difficult to access damaged facilities, many of which were in off road areas. Approximately 44.7% of the total outages that occurred were ice related with an additional 23.7% being tree related. Montrose, Towanda, and Mansfield were the hardest hit areas. Data indicates the reliability impact of the storm was 97 minutes of SAIDI, 0.10 of SAIFI, and an overall storm CAIDI of 992.33 minutes.
- Beginning in the evening hours of Sunday, December 29, 2024, a weather system producing high winds and rain moved through Pennsylvania including the Penelec service territory. The system produced high winds throughout the restoration period of approximately 64 miles per hour on Sunday, 58 miles per hour on Monday, 44 miles per hour on Tuesday, and 51 miles per hour on Wednesday. The persistent wind prolonged storm activity as well as restoration efforts as crews cannot safely handle materials if winds exceed 30 mph or operate bucket trucks if winds exceed 40 mph. Damage as a result of high winds included downed wires, and damaged and broken poles, trees, and branches. The Erie, Meadville, and Oil City regions were the hardest hit areas. Approximately 52.2% of the total outages that occurred were tree related and an additional 14.6% were wind related. Data indicates the reliability impact of the storm was 10.6 minutes of SAIDI, 0.05 of SAIFI, and an overall storm CAIDI of 204.3 minutes.

### Penn Power

- Beginning the morning of Sunday, December 29, 2024, a weather system producing high winds and rain moved through Pennsylvania including the Penn Power service territory. The system produced significant wind gusts throughout the restoration period with gusts of approximately 64 miles per hour on Sunday. The persistent wind prolonged storm activity as well as restoration efforts as crews cannot safely handle materials if winds exceed 30 mph or operate bucket trucks if winds exceed 40 mph. Damage as a result of high winds included downed wires and pole damage due to tree contacts. Persistent high winds prolonged the storm activity and added time to restoration efforts. The New Castle region was the hardest hit area. Approximately 74.1% of the total outages that occurred were tree related and no outages caused by wind. Data indicates the reliability impact of the storm was 26.8 minutes of SAIDI, 0.08 of SAIFI, and an overall storm CAIDI of 412.57 minutes.

### West Penn

- Beginning in the afternoon hours of Wednesday, November 20, 2024, a weather system producing rains and heavy winds moved through Pennsylvania including the West Penn service territory. The system produced storms with heavy precipitation and high winds of approximately 77 miles per hour. Damage as a result of high winds included downed wires, and damaged and broken poles, trees, and branches. The Boyce, Charleroi, and Jeannette regions were the hardest hit areas. Approximately 63.5% of the total outages that occurred were tree related and an additional 3.2% were wind related. Data indicates the reliability impact of the storm was 6.0 minutes of SAIDI, 0.02 of SAIFI, and an overall storm CAIDI of 251.0 minutes.
- Beginning the morning of Sunday, December 29, 2024, a weather system producing high winds and rain moved through Pennsylvania including the West Penn service territory. The system produced significant wind gusts throughout the restoration period with gusts of approximately 63 miles per hour on Sunday, 48 miles per hour on Monday, 63 miles per hour on Tuesday, and 46 miles per hour on Wednesday. The persistent wind prolonged storm activity as well as restoration efforts as crews cannot safely handle materials if winds exceed 30 mph or operate bucket trucks if winds exceed 40 mph. Damage as a result of high winds included downed wires, and damaged and broken poles, trees, and branches. The Boyce, Butler and Charleroi regions were the hardest hit areas. Approximately 75.5% of the total outages that occurred were wind and tree related. Data indicates the reliability impact of the storm was 17.8 minutes of SAIDI, 0.045 of SAIFI, and an overall storm CAIDI of 391.3 minutes.

*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.*

#### *Worst Performing Circuits – Reliability Indices*

The methodology used to identify worst performing circuits is based on both SAIFI and SAIDI. The methodology consists of the following steps:

1. For each circuit, calculate a circuit SAIFI using only distribution-caused outages.
2. Select the worst 20% of circuits based on the highest circuit SAIFI.
3. Rank the selected circuits based on SAIDI using only distribution-caused customer minutes.
4. Select 5% of the circuits based on the highest customer minutes. These circuits are then identified as the worst performing circuits.

Met-Ed, Penelec, Penn Power, and West Penn's rankings of the 5% Worst Performing Circuits are provided in Attachment A to this report.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

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

*Worst Performing Circuits – Remedial Actions*

Met-Ed, Penelec, Penn Power, and West Penn’s Remedial Actions for Worst Performing Circuits are provided in Attachment B to this report.

*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 reported.*

**Outages by Cause – Met-Ed**

<b>Outage by Cause</b>				
<b>4<sup>th</sup> Quarter 2024 12-Month Rolling</b>	<b>Met-Ed</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Customer Minutes</b>
Trees Off Row-Tree	139,393,088	4,227	301,380	48.12%
Equipment Failure	32,702,978	2,862	230,177	11.29%
Unknown	32,186,175	2,287	158,599	11.11%
Trees Off Row-Limb	23,743,358	1,704	74,022	8.20%
Forced Outage	13,780,941	924	171,535	4.76%
Trees On Row	11,086,355	494	28,365	3.83%
Vehicle	10,093,221	419	61,906	3.48%
Line Failure	6,036,154	579	27,377	2.08%
Wind	5,495,782	208	11,777	1.90%
Animal	4,526,563	2,515	49,112	1.56%
Trees - Sec/Service	2,200,965	677	2,784	0.76%
Ice	1,699,318	19	3,106	0.59%
Object Contact With Line	1,689,772	69	10,146	0.58%
Overload	1,262,255	82	8,839	0.44%
Lightning	1,059,125	140	4,021	0.37%
Bird	853,752	761	10,697	0.29%
Human Error - Company	757,966	61	30,789	0.26%
Human Error -Non-Company	450,556	75	8,859	0.16%
Ug Dig-Up	158,105	20	456	0.05%
Fire	147,087	20	929	0.05%
Other Electric Utility	74,074	15	168	0.03%
Contamination	67,095	8	57	0.02%
Other Utility-Non Elec	65,542	7	1,094	0.02%
Switching Error	62,586	7	2,895	0.02%
Customer Equipment	54,400	36	171	0.02%
Previous Lightning	52,037	20	310	0.02%
Vandalism	342	1	1	0.00%
Call Error	0	0	0	0.00%
<b>Total</b>	<b>289,699,592</b>	<b>18,237</b>	<b>1,199,572</b>	<b>100%</b>

**Proposed Solutions – Met-Ed**

Met-Ed analyzes its outage data to develop solutions for improving reliability. The following paragraphs identify the top outage causes for the rolling twelve-month period ending December 31, 2024 and associated actions designed to address these outage causes.

To improve system reliability, FE PA performs cycle-length tree trimming and enhanced tree trimming in select locations. Enhanced tree trimming removes healthy limbs overhanging primary conductors. FE PA's options under the law are strictly limited when it comes to all forms of off-corridor tree management. However, FE PA is legally permitted to identify off-corridor priority trees that are dead, dying, diseased, leaning, or significantly encroaching the corridor and remove those trees when customer consent is obtained or easement rights permit. FE PA is very active in pursuing this option, when available, to remove the highest risk trees. Trees identified with a high potential to cause a future outage are targeted for removal to prevent an interruption of electrical service to FE PA's customers. Furthermore, FE PA continues its program to mitigate trees subject to damage from the Emerald Ash Borer. FE PA will also review areas off-cycle to mitigate tree risk in high impact areas.

To reduce the likelihood of equipment failure outages, Met-Ed follows inspection and maintenance ("I&M") programs<sup>4</sup> that set forth schedules for regular inspections of distribution and substation facilities. These programs are geared towards specific components such as capacitors, poles, circuits, transformers, radio-controlled switches, substations, and reclosers. Equipment identified is repaired or replaced as appropriate.

### Outages by Cause – Penelec

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<sup>4</sup> Pursuant to Pa. Code § 57.198(a), every two years an electric distribution company shall file with the Commission a biennial plan for the periodic inspection, maintenance, repair, and replacement of its facilities. The Company submitted their Biennial Inspection, Maintenance, Repair and Replacement Plan for the period January 1, 2023 through December 31, 2024 on April 28, 2023 which was deemed approved on July 17, 2023 pursuant to 52 Pa. Code § 57.198(i). On February 5, 2024, revised FE PA Rate District I&M plans related to pole inspections were approved by the Commission at Docket No. M-2009-2094773 and M-2023-3039027.

<b>Outage by Cause</b>				
<b>4<sup>th</sup> Quarter 2024 12-Month Rolling</b>	<b>Penelec</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Customer Minutes</b>
Trees Off Row-Tree	69,825,532	3,376	261,431	33.13%
Ice	37,053,795	495	28,453	17.58%
Equipment Failure	27,940,297	2,959	207,437	13.26%
Line Failure	16,029,019	1,987	131,528	7.61%
Forced Outage	13,936,933	1,445	90,304	6.61%
Unknown	9,670,045	2,754	120,044	4.59%
Lightning	6,971,041	523	34,099	3.31%
Trees Off Row-Limb	6,481,765	600	33,912	3.08%
Vehicle	6,177,052	453	35,908	2.93%
Wind	5,603,537	388	25,900	2.66%
Animal	4,102,398	1,965	40,319	1.95%
Other Electric Utility	1,350,312	128	3,963	0.64%
Human Error -Non-Company	1,298,217	110	8,768	0.62%
Bird	1,295,957	725	7,306	0.61%
Trees - Sec/Service	955,407	858	2,634	0.45%
Overload	535,881	43	3,026	0.25%
Object Contact With Line	446,310	63	3,220	0.21%
Trees On Row	398,703	72	1,526	0.19%
Human Error - Company	258,053	55	14,408	0.12%
Call Error	120,315	1	617	0.06%
Ug Dig-Up	107,152	63	651	0.05%
Fire	62,731	12	171	0.03%
Customer Equipment	53,424	16	788	0.03%
Contamination	28,751	46	171	0.01%
Switching Error	24,991	7	1,377	0.01%
Previous Lightning	6,339	12	36	0.00%
Vandalism	3,596	8	15	0.00%
Other Utility-Non Elec	3,410	2	22	0.00%
<b>Total</b>	<b>210,740,963</b>	<b>19,166</b>	<b>1,058,034</b>	<b>100%</b>

#### Proposed Solutions – Penelec

Penelec analyzes its outage data to develop solutions for improving reliability. The following paragraphs identify the top outage causes for the rolling twelve-month period ending December 31, 2024 and the associated actions designed to address these outage causes.

To improve system reliability, FE PA performs cycle-length tree trimming and enhanced tree trimming in select locations. Enhanced tree trimming removes healthy limbs overhanging primary conductors. FE PA's options under the law are strictly limited when it comes to all forms of off-corridor tree management. However, FE PA is legally permitted to identify off-corridor priority trees that are dead, dying, diseased, leaning, or significantly encroaching the corridor and remove those trees when customer consent is obtained or easement rights permit. FE PA is very active in pursuing this option, when available, to remove the highest risk trees. Trees identified with a high potential to cause a future outage are targeted for removal to prevent an interruption of electrical service to FE PA's customers. Furthermore, FE PA continues its program to mitigate trees subject to damage from the Emerald Ash Borer. FE PA will also review areas off-cycle to mitigate tree risk in high impact areas.

To reduce the likelihood of outages caused by equipment and line failure, Penelec follows I&M programs that set forth schedules for regular inspections of distribution and substation facilities. These programs are geared towards specific components such as capacitors, poles, circuits, transformers, radio-controlled switches, substations, and reclosers. Equipment identified is repaired or replaced as appropriate.

Outages by Cause – Penn Power

<b>Outage by Cause</b>				
<b>4<sup>th</sup> Quarter 2024 12-Month Rolling</b>	<b>Penn Power</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Customer Minutes</b>
Trees off ROW - tree	11,881,131	842	52,900	45.94%
Line Failure	3,103,130	535	20,972	12.00%
Trees Off Row-Limb	2,652,180	305	13,475	10.26%
Equipment Failure	2,105,837	338	18,764	8.14%
Vehicle	2,080,932	122	10,184	8.05%
Unknown	1,080,023	246	25,561	4.18%
Bird	743,343	445	7,704	2.87%
Animal	652,712	460	7,563	2.52%
Forced Outage	531,045	100	8,665	2.05%
Lightning	394,804	108	5,219	1.53%
Object Contact With Line	189,849	17	1,819	0.73%
Trees - Sec/Service	187,603	135	402	0.73%
Wind	57,158	2	47	0.22%
Ug Dig-Up	51,964	29	452	0.20%
Trees On Row	51,857	5	61	0.20%
Human Error -Non-Company	44,120	17	232	0.17%
Human Error - Company	22,838	11	2,177	0.09%
Fire	14,973	4	51	0.06%
Overload	6,954	4	117	0.03%
Vandalism	3,945	1	15	0.02%
Previous Lightning	3,679	3	43	0.01%
Customer Equipment	1,336	5	13	0.01%
Call Error	0	0	0	0.00%
Contamination	0	0	0	0.00%
Ice	0	0	0	0.00%
Other Electric Utility	0	0	0	0.00%
Other Utility-Non Elec	0	0	0	0.00%
Switching Error	0	0	0	0.00%
<b>Total</b>	<b>25,861,413</b>	<b>3,734</b>	<b>176,436</b>	<b>100%</b>

### Proposed Solutions – Penn Power

Penn Power analyzes its outage data to develop solutions for improving reliability. The following paragraphs identify the top outage causes for the rolling twelve-month period ending December 31, 2024 and the associated actions designed to address these outage causes.

To improve system reliability, FE PA performs cycle-length tree trimming and enhanced tree trimming in select locations. Enhanced tree trimming removes healthy limbs overhanging primary conductors. FE PA's options under the law are strictly limited when it comes to all forms of off-corridor tree management. However, FE PA is legally permitted to identify off-corridor priority trees that are dead, dying, diseased, leaning, or significantly encroaching the corridor and remove those trees when customer consent is obtained or easement rights permit. FE PA is very active in pursuing this option, when available, to remove the highest risk trees. Trees identified with a high potential to cause a future outage are targeted for removal to prevent an interruption of electrical service to FE PA's customers. Furthermore, FE PA continues its program to mitigate trees subject to damage from the Emerald Ash Borer. FE PA will also review areas off-cycle to mitigate tree risk in high impact areas.

To reduce the likelihood of outages caused by equipment and line failure outages, Penn Power follows I&M programs that set forth schedules for regular inspections of distribution facilities. These programs are geared towards specific components such as capacitors, poles, circuits, transformers, and reclosers. Equipment identified is repaired or replaced as appropriate.

Outages by Cause – West Penn

<b>Outage by Cause</b>				
<b>4<sup>th</sup> Quarter 2024 12-Month Rolling</b>	<b>West Penn</b>			
<b>Cause</b>	<b>Customer Minutes</b>	<b>Number of Sustained Interruptions</b>	<b>Customers Affected</b>	<b>% Based on Customer Minutes</b>
Trees Off Row-Tree	92,141,608	4,332	263,019	49.58%
Unknown	19,269,111	1,698	171,199	10.37%
Equipment Failure	17,915,187	1,965	115,368	9.64%
Line Failure	15,967,781	2,020	83,487	8.59%
Forced Outage	8,632,985	1,224	122,583	4.65%
Vehicle	8,212,707	556	49,497	4.42%
Trees Off Row-Limb	7,449,027	655	37,272	4.01%
Animal	4,748,854	1,821	32,999	2.56%
Wind	4,399,178	251	13,804	2.37%
Lightning	2,809,197	171	14,517	1.51%
Trees On Row	1,537,879	132	5,072	0.83%
Object Contact With Line	756,974	37	3,554	0.41%
Trees - Sec/Service	469,873	453	1,159	0.25%
Overload	460,294	13	1,317	0.25%
Bird	340,736	615	3,300	0.18%
Human Error -Non-Company	266,904	54	2,666	0.14%
Human Error - Company	136,467	24	6,717	0.07%
Ug Dig-Up	84,744	53	591	0.05%
Other Electric Utility	83,220	9	510	0.04%
Previous Lightning	64,210	4	761	0.03%
Switching Error	54,495	1	865	0.03%
Ice	33,185	8	84	0.02%
Fire	7,861	8	39	0.00%
Customer Equipment	4,594	15	27	0.00%
Vandalism	2,176	4	5	0.00%
Contamination	496	1	4	0.00%
Other Utility-Non Elec	435	2	13	0.00%
Call Error	0	0	0	0.00%
<b>Total</b>	<b>185,850,178</b>	<b>16,126</b>	<b>930,429</b>	<b>100%</b>

### Proposed Solutions – West Penn

West Penn analyzes its outage data to develop solutions for improving reliability. The following paragraphs identify the top outage causes for the rolling twelve-month period ending December 31, 2024, and the associated actions designed to address these outage causes.

To improve system reliability, FE PA performs cycle-length tree trimming and enhanced tree trimming in select locations. Enhanced tree trimming removes healthy limbs overhanging primary conductors. FE PA's options under the law are strictly limited when it comes to all forms of off-corridor tree management. However, FE PA is legally permitted to identify off-corridor priority trees that are dead, dying, diseased, leaning, or significantly encroaching the corridor and remove those trees when customer consent is obtained or easement rights permit. FE PA is very active in pursuing this option, when available, to remove the highest risk trees. Trees identified with a high potential to cause a future outage are targeted for removal to prevent an interruption of electrical service to FE PA's customers. Furthermore, FE PA continues its program to mitigate trees subject to damage from the Emerald Ash Borer. FE PA will also review areas off-cycle to mitigate tree risk in high impact areas.

To reduce the likelihood of equipment and line failures, West Penn follows I&M programs that set forth schedules for regular inspections of distribution and substation facilities. These programs are geared towards specific components such as capacitors, poles, circuits, transformers, substations, and reclosers. Equipment identified is repaired or replaced as appropriate.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*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).*

Information is not required for the 4<sup>th</sup> Quarter report.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*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 as available. (For first, second, and third quarter reports only)*  
*Budgeted vs. Actual T&D Operation & Maintenance Expenditures*<sup>5</sup>

This portion of the report is confidential

*Budgeted vs. Actual T&D Operation & Maintenance Expenditures*<sup>6</sup>

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<sup>5</sup> Budgets are subject to change.

<sup>6</sup> Budgets are subject to change.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*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).*

This portion of the report is confidential

*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 (for example, linemen, technician, and electrician).<sup>7</sup>*

*Staffing Levels*

Met-Ed 2024												
		Staffing Level <sup>8</sup>				Staff Added in Quarter		Staff Movement Quarter	Staff lost in Quarter			Plan to Hire in 2025 <sup>9</sup>
Department	Position	1Q	2Q	3Q	4Q	New Hire	Other <sup>10</sup>	Movement within Position <sup>11</sup>	Retirement	Voluntary Separation	Other <sup>12</sup>	
Distribution	Line Leader	45	45	43	44		1					
	Line Troubleshooter	38	35	35	35		1		1			
	Lineman	159	155	146	132	1				12	3	
Substation	Substation Leader	15	15	15	15							
	Substation Employee	69	66	64	63			1			1	
Transmission	Line Leader	3	2	3	3							
	Lineman	10	10	10	10							
<b>Total</b>		<b>339</b>	<b>328</b>	<b>316</b>	<b>302</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>4</b>	

<sup>7</sup> As ordered on March 30, 2015 at Docket Nos. D-2014-2365991, D-2014-2365992, D-2014-2365993, and D-2014-2365994, *Implementation Plan of the Focused Management Audit of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company* (Appendix A) (5), the Companies are directed to provide additional detail as described below in the staff reporting section in the Quarterly Reliability Reports. Specifically, for each staff member added, the Companies provide information on whether they were a new hire, whether they were already at the journeyman level, or whether they had obtained some other experienced level of training. For each staff member lost, the Companies provide the reason for the loss (retirement, voluntary separation, etc.). Additionally, the Companies also disclose the number of staff in each category that each one is planning to hire in the next calendar year.

<sup>8</sup> Staffing level includes active employees with an assignment status of active - payroll eligible, leave of absence - payroll eligible, or military leave - payroll eligible.

<sup>9</sup> 2025 Staffing numbers are not available for the 4Q report.

<sup>10</sup> Includes transfers and promotions.

<sup>11</sup> Includes transfers, promotions, and progression within a position.

<sup>12</sup> Includes transfers, voluntary separations, promotions, and assignment changes for extended disability and long-term disability.

Penelec 2024												
		Staffing Level <sup>13</sup>				Staff Added in Quarter		Staff Movement Quarter	Staff Lost in Quarter			Plan to Hire in 2025 <sup>14</sup>
Department	Position	1Q	2Q	3Q	4Q	New Hire	Other <sup>15</sup>	Movement within Position <sup>16</sup>	Retirement	Voluntary Separation	Other <sup>17</sup>	
Distribution	Line Leader	55	55	58	58		1				1	
	Line Troubleshooter	81	79	75	75		2		1	1		
	Lineman	154	151	151	150	4				3	2	
Substation	Substation Leader	32	33	33	33							
	Substation Employee	58	58	57	57							
Transmission	Line Leader	8	7	8	8							
	Lineman	17	18	18	18							
<b>Total</b>		<b>405</b>	<b>401</b>	<b>400</b>	<b>399</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>3</b>	

<sup>13</sup> Staffing level includes active employees with an assignment status of active - payroll eligible, leave of absence - payroll eligible, or military leave - payroll eligible.

<sup>14</sup> 2025 Staffing numbers are not available for the 4Q report.

<sup>15</sup> Includes transfers, promotions, and assignment changes for extended disability or long-term disability.

<sup>16</sup> Includes transfers, promotions, and progression within a position.

<sup>17</sup> Includes transfers, voluntary separations, and promotions.

Penn Power 2024												
		Staffing Level <sup>18</sup>				Staff Added in Quarter		Staff Movement Quarter	Staff Lost in Quarter			Plan to Hire in 2025 <sup>19</sup>
Department	Position	1Q	2Q	3Q	4Q	New Hire	Other <sup>20</sup>	Movement within Position <sup>21</sup>	Retirement	Voluntary Separation	Other <sup>22</sup>	
Distribution	Line Leader	24	25	25	25		1				1	
	Line Troubleshooter	15	15	14	14		1				1	
	Lineman	46	47	49	49							
Substation	Substation Leader	5	5	5	5							
	Substation Employee	19	19	19	19							
Transmission	Line Leader	1	1	1	1							
	Lineman	6	6	6	6							
<b>Total</b>		<b>116</b>	<b>118</b>	<b>119</b>	<b>119</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	

<sup>18</sup> Staffing level includes active employees with an assignment status of active - payroll eligible, leave of absence - payroll eligible, or military leave - payroll eligible.

<sup>19</sup> 2025 Staffing numbers are not available for the 4Q report.

<sup>20</sup> Includes transfers, promotions, and assignment changes for extended disability or long-term disability.

<sup>21</sup> Includes transfers, promotions, and progression within a position.

<sup>22</sup> Includes transfers, voluntary separations, and assignments changes for extended disability and long-term disability.

West Penn 2024												
		Staffing Level <sup>23</sup>				Staff Added in Quarter		Staff Movement Quarter	Staff Lost in Quarter			
Department	Position	1Q	2Q	3Q	4Q	New Hire	Other <sup>24</sup>	Movement within Position <sup>25</sup>	Retirement	Voluntary Separation	Other <sup>26</sup>	Plan to Hire in 2025 <sup>27</sup>
Distribution	Line Leader	78	77	72	71		5			1	5	
	Line Troubleshooter	50	52	51	50		4		1		4	
	Lineman	158	156	161	159		3	14		1	4	
Substation	Substation Leader	23	26	24	25		1					
	Substation Employee	85	81	83	80			6			3	
Transmission	Line Leader	2	2	2	2							
	Lineman	11	11	10	11		1					
<b>Total</b>		<b>407</b>	<b>405</b>	<b>403</b>	<b>398</b>		<b>14</b>	<b>20</b>	<b>1</b>	<b>2</b>	<b>16</b>	

<sup>23</sup> Staffing level includes active employees with an assignment status of active - payroll eligible, leave of absence - payroll eligible, or military leave - payroll eligible.

<sup>24</sup> Includes transfers, promotions, and assignment changes for extended disability or long term disability.

<sup>25</sup> Includes transfers, promotions, and progression within a position.

<sup>26</sup> Includes transfers, promotions, involuntary separations, and assignment changes for extended disability and long-term disability.

<sup>27</sup> 2025 Staffing numbers are not available for the 4Q report.

Submitted Pursuant to 52 Pa. Code § 57.195(d) and (e)

*Section 57.195(e)(10): Quarterly and year-to-date information on contractor hours and dollars for transmission and distribution operation and maintenance.*

*Contractor Expenditures*

Certain Contractor expenses are billed on a lump-sum basis. As a result, hourly information is not available.

This portion of the report is confidential

*Section 57.195(e)(11): Monthly call-out acceptance rate for transmission and distribution maintenance workers presented in terms of both the percentage of accepted calls-out and the amount of time it takes the EDC to obtain the necessary personnel. A brief description of the EDC's call-out procedure should be included when appropriate.*

*Call-out Acceptance Rate*

Call-out percentage is defined as the number of workers accepting to total call outs.

This portion of the report is confidential

*Call-out Response*

This portion of the report is confidential

**Call-Out Procedure:**

When an event occurs, Met-Ed, Penelec, Penn Power, and West Penn dispatch a troubleman to find and assess the cause of the outage. If the troubleman is unable to repair the damage and a crew is required, the troubleman will inform the Distribution Control Center (“DCC”). The on-duty DCC person or Customer Operations Center person, or both, will then initiate the call-out process until desired staffing levels required to complete the restoration have been achieved.

The number of unique workers called for an outage event is recorded and represents the total calls, or opportunities, for an outage event. The number of unique workers who accept the opportunity is recorded and represents the workers accepting. The elapsed time is calculated by taking the date and time of the first employee called for an event minus the date and time of the last accepting employee for that event. The call-out results from all outages experienced during a particular month are added together to derive a total value for each field.

ATTACHMENT A

Worst Performing Circuits - Reliability Indices

Met-Ed													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Walker Sub	00865-3	Stroudsburg	2,953	102	1	6,791,984	9,037	11.68	2300.028	3.060	751.575	0.702
2	No Bangor	00813-3	Easton	1,369	115	0	5,286,775	14,042	9.09	3861.779	10.257	376.497	0.000
3	Ottsville Substation	00661-3	Easton	612	124	3	5,184,519	8,380	8.92	8471.436	13.693	618.678	2.258
4	No Bangor	00826-3	Easton	3,338	159	0	4,548,947	12,451	7.82	1362.776	3.730	365.348	0.644
5	Ottsville Substation	00660-3	Easton	887	100	1	4,258,089	5,837	7.32	4800.551	6.581	729.500	0.000
6	Mountain Substation	00744-4	Dillsburg	1,878	124	0	3,702,471	6,838	6.37	1971.497	3.641	541.455	0.000
7	Glendon	00818-3	Easton	1,638	34	2	3,478,097	7,135	5.98	2123.380	4.356	487.470	0.000
8	Lynnville Sub	00737-1	Hamburg	1,091	117	1	3,123,512	8,555	5.37	2862.981	7.841	365.110	6.093
9	Barto Sub	00706-1	Boyertown	3,027	266	0	2,970,577	6,683	5.11	981.360	2.208	444.498	1.347
10	Ferndale Sub	00076-3	Easton	644	111	0	2,947,689	2,265	5.07	4577.157	3.517	1301.408	1.974
11	Huffs Church	00600-1	Boyertown	1,518	210	0	2,814,802	5,251	4.84	1854.283	3.459	536.051	0.535
12	Ferndale Sub	00871-3	Easton	496	81	2	2,781,004	2,818	4.78	5606.863	5.681	986.872	0.982
13	Bridgeton Sub	00117-3	Easton	298	31	5	2,773,640	3,144	4.77	9307.517	10.550	882.201	2.181
14	Shawnee Sub	00822-3	Stroudsburg	2,919	60	2	2,658,011	9,994	4.57	910.590	3.424	265.961	2.618
15	Shawnee Sub	00895-3	Stroudsburg	3,850	112	1	2,449,526	12,114	4.21	636.241	3.146	202.206	0.707
16	Fox Hill Subst	00816-3	Stroudsburg	3,332	52	1	2,326,265	16,311	4.00	698.159	4.895	142.619	1.597
17	Shawnee Sub	00837-3	Stroudsburg	1,285	76	2	2,231,807	5,445	3.84	1736.815	4.237	409.882	6.381
18	Birchwood Sub	00624-3	Stroudsburg	1,191	33	1	2,148,672	3,481	3.70	1804.091	2.923	617.257	2.104
19	S Hamb Sub	00740-1	Hamburg	1,284	73	0	2,090,959	3,269	3.60	1628.473	2.546	639.633	0.654
20	Lickdale Substation	00625-2	Lebanon	1,022	127	2	2,038,853	6,097	3.51	1994.964	5.966	334.403	0.926
21	Glendon	00819-3	Easton	1,333	17	3	2,010,398	5,015	3.46	1508.176	3.762	400.877	0.000
22	North Cornwall Sub	00610-2	Lebanon	2,348	87	0	1,982,198	11,475	3.41	844.207	4.887	172.741	1.399
23	Glendon	00805-3	Easton	1,004	28	1	1,962,809	2,704	3.38	1954.989	2.693	725.891	0.000
24	Glendon	00820-3	Easton	299	40	1	1,949,249	1,970	3.35	6519.227	6.589	989.466	0.000
25	Shawnee Sub	00860-3	Stroudsburg	3,266	59	2	1,839,103	11,203	3.16	563.106	3.430	164.162	1.550
26	Raubsville St	00079-3	Easton	800	45	0	1,828,343	1,884	3.14	2285.429	2.355	970.458	0.000

Met-Ed													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
27	Stroudsburg	00610-3	Stroudsburg	910	20	0	1,770,211	5,818	3.04	1945.287	6.393	304.265	0.865
28	Mountain Substation	00743-4	Dillsburg	1,038	61	0	1,760,577	6,651	3.03	1696.124	6.408	264.709	1.438
29	S Nazareth	00809-3	Easton	3,228	87	2	1,759,187	8,420	3.03	544.977	2.608	208.930	1.343
30	Birdsboro	00756-1	Reading	1,534	146	1	1,754,045	8,040	3.02	1143.445	5.241	218.165	4.779
31	Round Top	00582-4	Dillsburg	730	65	1	1,751,733	3,055	3.01	2399.634	4.185	573.399	0.455
32	W Boyertown Sub	00715-1	Boyertown	1,718	86	2	1,750,630	7,256	3.01	1018.993	4.224	241.267	0.000
33	Bath Sub	00873-3	Easton	2,161	81	0	1,677,203	8,357	2.88	776.124	3.867	200.694	0.473
34	S Hamb Sub	00743-1	Hamburg	1,182	76	0	1,647,928	2,639	2.83	1394.186	2.233	624.452	0.393
35	Fleetwood Sub	00161-1	Reading	686	26	1	1,587,011	2,493	2.73	2313.427	3.634	636.587	0.000
36	Northwood Sub	00802-3	Easton	539	14	1	1,520,070	1,187	2.61	2820.167	2.202	1280.598	0.996
37	Flying Hills Sub	00777-1	Reading	1,800	125	0	1,512,285	8,506	2.60	840.158	4.726	177.790	1.699
38	Shawnee Sub	00899-3	Stroudsburg	1,694	68	3	1,500,859	6,441	2.58	885.985	3.802	233.016	3.125
39	Raubsville St	00095-3	Easton	531	50	1	1,495,130	2,422	2.57	2815.687	4.561	617.312	0.000

Penelec													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Thompson	00436-65	Montrose	1,392	122	2	9,872,609	7,861	16.67	5.155	3661.592	710.295	1
2	Tiffany	00435-65	Montrose	1,303	62	2	4,771,054	6,717	8.06	4.778	3630.407	759.743	2
3	Thompson	00446-65	Montrose	1,291	120	0	4,686,856	6,169	7.92	5.062	4366.224	862.598	3
4	Lake Como	00787-65	Montrose	956	77	1	4,174,110	4,839	7.05	5.577	5693.427	1020.795	4
5	Lake Como	00788-65	Montrose	665	61	1	3,786,129	3,709	6.39	3.497	2987.778	854.440	5
6	Tiffany	00440-65	Montrose	1,238	10	1	3,698,869	4,329	6.25	7.470	5284.375	707.440	6
7	Thompson	00442-65	Montrose	677	57	2	3,577,522	5,057	6.04	3.304	2952.281	893.602	7
8	Grover	00527-63	Towanda	1,106	87	0	3,265,223	3,654	5.51	5.122	4501.870	878.954	8
9	Lenox	00755-65	Montrose	714	64	2	3,214,335	3,657	5.43	3.780	1989.066	526.228	9
10	Tunkhannock	00533-65	Montrose	1,281	73	0	2,547,994	4,842	4.30	4.378	2660.482	607.739	10
11	Falls	00297-65	Montrose	842	40	0	2,240,126	3,686	3.78	7.875	2222.462	282.207	11
12	N Meshoppen Tran	00534-65	Montrose	898	79	1	1,995,771	7,072	3.37	2.748	3435.867	1250.469	12
13	Brooklyn	00749-65	Montrose	535	38	0	1,838,189	1,470	3.10	1.966	1729.690	879.625	13
14	East Sayre	00518-61	Towanda	982	54	1	1,698,556	1,931	2.87	7.980	3122.000	391.246	14
15	Laurel Lake Sub Tran	00449-65	Montrose	540	61	2	1,685,880	4,309	2.85	7.156	2573.000	359.582	15
16	Northeast	00591-31	Erie	643	22	1	1,654,439	4,601	2.79	3.793	747.430	197.034	16
17	Madera	00166-22	Philipsburg	2,183	98	0	1,631,640	8,281	2.76	2.840	495.423	174.456	17
18	Springboro	00237-52	Meadville	2,828	96	0	1,401,055	8,031	2.37	2.749	4162.931	1514.618	18
19	Lake Como	00786-65	Montrose	334	16	1	1,390,419	918	2.35	29.415	14284.191	485.611	19
20	Dushore	00641-62	Towanda	94	49	1	1,342,714	2,765	2.27	3.041	1151.337	378.625	20
21	Russell Hill	00282-65	Montrose	1,053	59	0	1,212,358	3,202	2.05	4.573	4634.802	1013.453	21
22	Rockwood	00023-12	Somerset	232	12	0	1,075,274	1,061	1.82	5.384	1379.487	256.205	22
23	Oxbow	00555-65	Montrose	752	54	1	1,037,374	4,049	1.75	4.100	623.728	152.129	23
24	Hooversville	00019-12	Somerset	1,650	53	0	1,029,151	6,765	1.74	3.583	1620.003	452.111	24
25	Brookville	00125-23	Dubois	631	38	2	1,022,222	2,261	1.73	3.086	4538.038	1470.465	25
26	Laurel Lake Sub Tran	00448-65	Montrose	209	10	3	948,450	645	1.60	4.038	1024.817	253.775	26
27	Buckeye Blaine	00136-83	Shippensburg	914	64	1	936,683	3,691	1.58	4.198	2726.287	649.390	27

Penelec													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
28	Osceola	00562-63	Mansfield Pa	338	24	0	921,485	1,419	1.56	2.739	2578.643	941.535	28
29	Laporte	00772-62	Towanda	356	18	2	917,997	975	1.55	7.964	556.596	69.890	29
30	East Pike	00094-13	Indiana	1,578	19	4	878,308	12,567	1.48	5.985	507.325	84.760	30
31	Boyer	00584-31	Erie	1,713	35	1	869,047	10,253	1.47	3.310	1938.708	585.749	31
32	N Meshoppen Tran	00531-65	Montrose	439	76	0	851,093	1,453	1.44	6.581	4742.385	720.617	32
33	Ansonia	00740-63	Mansfield Pa	179	21	0	848,887	1,178	1.43	2.364	1643.195	695.146	33
34	N Meshoppen Tran	00437-65	Montrose	514	57	0	844,602	1,215	1.43	5.504	661.412	120.167	34
35	Natl Forge Sw Sta	00577-41	Warren	1,222	45	1	808,246	6,726	1.36	1.869	654.796	350.418	35
36	Marienville	00328-51	Oil City	1,233	50	0	807,364	2,304	1.36	4.069	741.179	182.166	36
37	Osceola	00318-63	Mansfield Pa	1,077	14	2	798,250	4,382	1.35	8.670	888.660	102.502	37
38	Lowell Avenue	00518-31	Erie	893	21	1	793,573	7,742	1.34	6.000	6666.611	1111.102	38
39	Lenox	00757-65	Montrose	113	12	0	753,327	678	1.27	3.680	460.732	125.189	39
40	Union City	00208-43	Erie	1,614	87	1	743,622	5,940	1.26	2.435	657.348	269.965	40
41	Birmingham	00168-22	Philipsburg	1,122	66	1	737,544	2,732	1.25	4.146	263.583	63.569	41
42	Philipsburg	00162-22	Philipsburg	2,793	63	1	736,187	11,581	1.24	2.042	348.030	170.467	42
43	Walnut Street	00522-31	Erie	2,090	28	1	727,383	4,267	1.23	2.483	390.463	157.230	43
44	Shippensburg 1	00630-83	Shippensburg	1,806	45	2	705,176	4,485	1.19	5.137	1086.781	211.565	44
45	Platea	00432-34	Erie	643	67	1	698,800	3,303	1.18	2.307	304.951	132.175	45
46	Salix	00070-11	Johnstown	2,282	45	0	695,899	5,265	1.18	3.326	2159.953	649.398	46
47	Eagles Mere	00686-62	Towanda	322	29	1	695,505	1,071	1.17	4.912	1734.460	353.129	47
48	Dushore	00528-62	Towanda	385	40	1	667,767	1,891	1.13	2.448	432.025	176.448	48
49	French Road	00219-31	Erie	1,494	21	0	645,445	3,658	1.09	1.869	1620.444	867.157	49
50	North Orwell	00300-61	Towanda	396	32	0	641,696	740	1.08	2.297	235.000	102.302	50
51	Erie South	00259-31	Erie	2,716	94	0	638,261	6,239	1.08	2.649	397.172	149.944	51
52	Meyersdale North	00022-12	Somerset	1,586	41	0	629,914	4,201	1.06	2.424	1000.280	412.666	52
53	Saxton	00624-73	Altoona	618	7	0	618,173	1,498	1.04	2.226	765.499	343.938	53
54	Brookville West	00121-23	Dubois	802	38	0	613,930	1,785	1.04	1.821	396.153	217.582	54
55	Piney	00523-51	Oil City	1,545	56	0	612,057	2,813	1.03	6.012	3705.522	616.311	55

<b>Penelec</b>													
<b>Circuit Rank</b>	<b>Substation</b>	<b>Circuit</b>	<b>District</b>	<b>Average Customers</b>	<b>Outages</b>	<b>Lockouts</b>	<b>Customer Minutes</b>	<b>Customers Affected</b>	<b>SAIDI Impact</b>	<b>SAIDI</b>	<b>SAIFI</b>	<b>CAIDI</b>	<b>MAIFI</b>
56	Franklin Forks	00737-65	Montrose	161	12	3	596,589	968	1.01	4.112	698.857	169.976	56
57	Union City	00239-43	Erie	825	38	1	576,557	3,392	0.97	3.388	912.345	269.301	57
58	N Meshoppen Tran	00530-65	Montrose	624	38	0	569,303	2,114	0.96	7.371	1688.213	229.026	58
59	East Hickory	00201-41	Warren	334	23	3	563,863	2,462	0.95	4.300	1129.410	262.666	59
60	Laurel Lake Sub Tran	00769-65	Montrose	497	26	1	561,317	2,137	0.95	14.050	5540.208	394.335	60
61	Ppl West	PL097-62	Towanda	101	15	7	559,561	1,419	0.94	2.346	541.737	230.926	61
62	North Towanda	00521-62	Towanda	1,032	66	1	559,073	2,421	0.94	415.925	2.439	170.509	62

Penn Power													
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI	MAIFI
1	Hartstown	W-126	Clark	2,281	87	0	1,107,308	5,100	6.31	485.448	2.236	217.119	0.000
2	Darlington	D-536	Zelienople	1,181	47	2	845,995	3,044	4.82	716.338	2.577	277.922	0.000
3	Castlewood	D-325	New Castle	1,136	33	0	813,333	2,326	4.64	715.962	2.048	349.670	0.000
4	Chippewa	D-557	Zelienople	1,323	53	0	780,561	1,718	4.45	589.993	1.299	454.343	1.242
5	Mercer	W-129	Clark	1,172	52	0	773,530	1,974	4.41	660.009	1.684	391.859	0.225
6	Sharpsville	W-218	Clark	1,497	36	2	635,697	3,647	3.63	424.647	2.436	174.307	0.422
7	Mercer	W-167	Clark	1,161	43	1	515,935	1,944	2.94	444.388	1.674	265.399	0.111
8	Stoneboro	W-131	Clark	1,574	86	1	492,260	2,943	2.81	312.745	1.870	167.265	0.130
9	Ray Street	D-389	New Castle	1,221	6	1	464,490	1,297	2.65	380.418	1.062	358.126	0.000
10	Stoneboro	W-132	Clark	1,069	49	3	433,921	2,616	2.47	405.913	2.447	165.872	0.000

West Penn												
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI
1	Iron Bridge	Bridgeport	Pleasant Valley	1,284	24	3	2,567,253	3,963	3.529	1999.418	3.086	647.805
2	Buena Vista	Chicora	Butler	1,146	27	2	2,326,473	4,617	3.198	2030.081	4.029	503.893
3	White Valley	Cloverleaf	Jeannette	2,152	23	2	1,759,347	5,114	2.419	817.540	2.376	344.026
4	Weedville	Weedville	St Marys	1,447	37	1	1,622,455	3,146	2.230	1121.254	2.174	515.720
5	Levelgreen	Levelgreen	Jeannette	1,555	38	3	1,570,842	6,725	2.159	1010.188	4.325	233.582
6	Houston	Weavertown	Washington Pa	2,326	27	2	1,386,852	9,116	1.907	596.239	3.919	152.134
7	Piney Fork	Stoltz	Charleroi	2,089	23	1	1,372,740	6,252	1.887	657.128	2.993	219.568
8	White Valley	Borlands Rd	Jeannette	1,389	41	2	1,339,023	4,693	1.841	964.019	3.379	285.323
9	Finleyville	Gastonville	Charleroi	1,650	36	2	1,306,468	6,083	1.796	791.799	3.687	214.774
10	Ethel Springs	Pandora	Latrobe	1,982	30	1	1,276,355	3,516	1.755	643.973	1.774	363.013
11	Normalville	Mill Run	Pleasant Valley	576	27	1	1,253,557	2,343	1.723	2176.314	4.068	535.022
12	Lake Lynn-Unio	Fancy Hill	Uniontown	921	40	0	1,153,778	2,529	1.586	1252.745	2.746	456.219
13	Dry Run	Town	Charleroi	1,807	15	3	1,130,393	5,938	1.554	625.563	3.286	190.366
14	Franklin (Wpp)	South Waynesburg	Jefferson	2,061	46	1	1,128,304	3,840	1.551	547.455	1.863	293.829
15	White Valley	Congruity	Jeannette	1,726	71	1	1,122,694	4,026	1.543	650.460	2.333	278.861
16	Shaffers Corner	Braeburn	Arnold	1,389	28	0	1,090,029	2,849	1.498	784.758	2.051	382.601
17	Saltsburg	Bell Township	Arnold	754	36	1	1,080,885	2,407	1.486	1433.534	3.192	449.059
18	Murrycrest	Sardis Road	Jeannette	1,488	43	2	1,077,199	4,918	1.481	723.924	3.305	219.032
19	North Fayette	Tyre	Boyce	1,938	40	0	1,027,275	3,196	1.412	530.070	1.649	321.425
20	Bethlen	Laughlintown	Latrobe	1,094	66	1	1,011,459	3,152	1.390	924.551	2.881	320.894
21	Parker	Parker	Butler	928	35	0	984,096	2,792	1.353	1060.448	3.009	352.470
22	Hickory	Fort Cherry	Washington Pa	1,060	36	0	982,469	4,090	1.351	926.858	3.858	240.212
23	Rutan	New Freeport	Jefferson	701	35	0	971,923	2,596	1.336	1386.481	3.703	374.393
24	North Washington	Poke Run	Arnold	1,222	59	1	966,644	3,306	1.329	791.034	2.705	292.391
25	Iron Bridge	Mt Pleasant	Pleasant Valley	1,109	18	2	952,137	2,324	1.309	858.555	2.096	409.698
26	Harrison City	Claridge	Jeannette	2,326	37	1	930,516	4,485	1.279	400.050	1.928	207.473
27	Bethelboro	Coolspring	Uniontown	1,450	32	2	926,727	3,387	1.274	639.122	2.336	273.613

West Penn												
Circuit Rank	Substation	Circuit	District	Average Customers	Outages	Lockouts	Customer Minutes	Customers Affected	SAIDI Impact	SAIDI	SAIFI	CAIDI
28	Smithton	Smithton	Charleroi	982	25	0	914,905	2,573	1.258	931.675	2.620	355.579
29	Penn Trafford	Pleasant Valley	Jeannette	869	20	1	890,709	2,952	1.224	1024.982	3.397	301.731
30	Lardin	Grays Landing	Uniontown	1,035	50	0	889,028	1,681	1.222	858.964	1.624	528.869
31	Mackeyville	Salona	State College	768	14	2	832,026	1,497	1.144	1083.367	1.949	555.796
32	Donegal	Bear Rocks	Pleasant Valley	1,279	56	1	824,051	3,067	1.133	644.293	2.398	268.683
33	Iron Bridge	Alverton	Pleasant Valley	696	20	1	823,608	1,576	1.132	1183.345	2.264	522.594
34	Donegal	Champion	Pleasant Valley	1,184	41	3	818,445	3,833	1.125	691.254	3.237	213.526
35	Rutan	Bristoria	Jefferson	407	25	0	801,821	1,993	1.102	1970.076	4.897	402.319
36	Lardin	Edenborn	Uniontown	1,390	21	1	800,646	2,191	1.101	576.004	1.576	365.425
37	Hempfield	Cool Valley	Jeannette	1,205	14	0	786,036	2,951	1.081	652.312	2.449	266.363
38	Roundhill	Roundhill	Charleroi	952	35	1	776,897	3,379	1.068	816.068	3.549	229.919
39	Waterville	Waterville	State College	363	20	2	755,537	2,056	1.039	2081.369	5.664	367.479
40	Dutch Fork	Claysville	Washington Pa	1,642	66	2	752,377	4,285	1.034	458.208	2.610	175.584

ATTACHMENT B

Worst Performing Circuits – Remedial Actions

As ordered on March 30, 2015 at Docket Nos. D-2014-2365991, D-2014-2365992, D-2014-2365993, and D-2014-2365994, *Implementation Plan of the Focused Management Audit of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company (Appendix A)(1)*, the Companies were directed to provide additional detail in their Commission Quarterly Reliability Report of the 5% of worst performing circuits in the Commission Quarterly Reliability Reports to highlight those circuits that appear multiple times on Quarterly Reliability Reports, but not necessarily in four quarters in a calendar year. For each Quarterly Reliability Report filed pursuant to 52 Pa. Code § 57.195, this additional detail shall include highlighting those worst performing circuits that have appeared in two or more Quarterly Reliability Reports in the past four quarters.

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
1	Walker Sub	00865-3	Stroudsburg	2,953	102
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	11.68	Trees Off Row-Tree	78%	Q3 2024
	SAIDI	2,300.03	Trees Off Row-Limb	14%	Q4 2024
	SAIFI	3.06	Trees On Row	6%	
	CAIDI	752	All Other	3%	
	Customer Minutes	6,791,984			
	Customers Affected	9,037			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Cycle tree trimming			Complete	Feb-24
	Engineering Circuit Rehab Project Review			Complete	Feb-24
	Repair/Replace high priority items identified during circuit inspection			Complete	Jul-24
	LTIP Circuit rehab zone 2			To be completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
2	No Bangor	00813-3	Easton	1,369	115
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	9.09	Trees Off Row-Tree	66%	Q1 2024
	SAIDI	3,861.78	Trees Off Row-Limb	14%	Q2 2024
	SAIFI	10.26	Vehicle	9%	Q3 2024
	CAIDI	376	All Other	11%	Q4 2024
	Customer Minutes	5,286,775			
	Customers Affected	14,042			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Mainline Forestry Aerial Patrol			Complete	Jul-23
	LTIP Engineering Review			Complete	Feb-24
	Forestry Aerial Patrol			Complete	Jul-24
	LTIP Line relocation project			Complete	Dec-24
	LTIP Voltage conversion			To be completed 2025	25%

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
3	Ottsville Substation	00661-3	Easton	612	124
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	8.92	Trees Off Row-Tree	81%	Q1 2024
	SAIDI	8,471.44	Trees On Row	7%	Q2 2024
	SAIFI	13.69	Unknown	7%	Q3 2024
	CAIDI	619	All Other	5%	Q4 2024
	Customer Minutes	5,184,519			
	Customers Affected	8,380			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIP Engineering Review			Complete	Feb-24
	Replace priority mainline poles identified during annual pole inspection			Complete	Mar-24
	Additional LTIP Engineering Review			Complete	Sep-24
	Targeted Overhead Circuit Inspection			Complete	Oct-24
	LTIP Line rehab			To be completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
4	No Bangor	00826-3	Easton	3,338	159
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	7.82	Trees Off Row-Tree	77%	Q1 2024
	SAIDI	1,362.78	Trees Off Row-Limb	8%	Q3 2024
	SAIFI	3.73	Unknown	4%	Q4 2024
	CAIDI	365	All Other	10%	
	Customer Minutes	4,548,947			
	Customers Affected	12,451			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Mainline Forestry Aerial Patrol			Complete	Jul-23
	Engineering circuit tie addition review			Complete	Feb-24
	Forestry Aerial Patrol			Complete	Jul-24
	3 Phase Extension Engineering Review			Complete	Aug-24
	Replace priority pole identified during inspection			Complete	Oct-24
LTIP Underground replacement			Complete	Dec-24	
Line relocation			To be completed 2025	50%	

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
5	Ottsville Substation	00660-3	Easton	887	100
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	7.32	Trees Off Row-Tree	63%	Q1 2024
	SAIDI	4,800.55	Unknown	19%	Q2 2024
	SAIFI	6.58	Trees On Row	7%	Q3 2024
	CAIDI	729	All Other	11%	Q4 2024
	Customer Minutes	4,258,089			
	Customers Affected	5,837			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Mid cycle forestry inspection			Complete	May-24
	Repair/replace high priority items identified during overhead circuit inspection			Complete	Apr-24
	Post Storm Forestry Circuit Patrol			Complete	Jul-24
Rank	Substation	Circuit	District	Customers	Outages
6	Mountain Substation	00744-4	Dillsburg	1,878	124
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	6.37	Trees Off Row-Tree	81%	Q1 2024
	SAIDI	1,971.50	Trees On Row	13%	Q2 2024
	SAIFI	3.64	Trees Off Row-Limb	3%	Q3 2024
	CAIDI	541	All Other	3%	Q4 2024
	Customer Minutes	3,702,471			
	Customers Affected	6,838			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection			Complete	Nov-24
Rank	Substation	Circuit	District	Customers	Outages
7	Glendon	00818-3	Easton	1,638	34
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	5.98	Trees Off Row-Tree	46%	Q1 2024
	SAIDI	2,123.38	Trees On Row	27%	Q2 2024
	SAIFI	4.36	Trees Off Row-Limb	14%	Q3 2024
	CAIDI	487	All Other	12%	Q4 2024
	Customer Minutes	3,478,097			
	Customers Affected	7,135			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Mainline Forestry Aerial Patrol			Complete	Jul-23
	Replace/repair high priority items identified during overhead circuit patrol			Complete	Apr-24
	Forestry Aerial Patrol			Complete	Jul-24
Cycle tree trimming			To be completed 2024	0%	

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
8	Lynnville Sub	00737-1	Hamburg	1,091	117
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	5.37	Trees Off Row-Tree	32%	Q1 2024
	SAIDI	2,862.98	Equipment Failure	21%	Q2 2024
	SAIFI	7.84	Ice	15%	Q3 2024
	CAIDI	365	All Other	33%	Q4 2024
	Customer Minutes	3,123,512			
	Customers Affected	8,555			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection			Complete	Nov-24
Rank	Substation	Circuit	District	Customers	Outages
9	Barto Sub	00706-1	Boyertown	3,027	266
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	5.11	Trees Off Row-Tree	58%	Q1 2024
	SAIDI	981.36	Trees Off Row-Limb	15%	Q2 2024
	SAIFI	2.21	Wind	7%	Q3 2024
	CAIDI	444	All Other	19%	Q4 2024
	Customer Minutes	2,970,577			
	Customers Affected	6,683			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Targeted tree trimming and removals			Complete	Oct-23
	Install Supervisory Control and Data Acquisition (SCADA) devices (3 devices)			Complete	Mar-24
	Cycle tree trimming			Complete	Nov-24
	LTIP Circuit tie			To be completed 2025	25%

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
10	Ferndale Sub	00076-3	Easton	644	111
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	5.07	Trees Off Row-Tree	84%	Q3 2024
	SAIDI	4,577.16	Trees Off Row-Limb	8%	Q4 2024
	SAIFI	3.52	Unknown	4%	
	CAIDI	1,301	All Other	4%	
	Customer Minutes	2,947,689			
	Customers Affected	2,265			
	Remedial Action Planned or Taken			Status	Progress
	Replace Broken Pole			Complete	Jun-24
	Targeted Forestry Inspection			Complete	Jun-24
	Replace priority poles identified during annual inspection			Complete	Oct-24
Rank	Substation	Circuit	District	Customers	Outages
11	Huffs Church	00600-1	Boyertown	1,518	210
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	4.84	Trees Off Row-Tree	71%	Q1 2024
	SAIDI	1,854.28	Trees Off Row-Limb	10%	Q2 2024
	SAIFI	3.46	Forced Outage	6%	Q3 2024
	CAIDI	536	All Other	13%	Q4 2024
	Customer Minutes	2,814,802			
	Customers Affected	5,251			
	Remedial Action Planned or Taken			Status	Progress
	Install TripSaver			Complete	Feb-24
	Cycle tree trimming			To be completed 2024	91%

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
12	Ferndale Sub	00871-3	Easton	496	81
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.78	Trees Off Row-Tree	52%	Q3 2024
	SAIDI	5,606.86	Unknown	16%	Q4 2024
	SAIFI	5.68	Equipment Failure	14%	
	CAIDI	987	All Other	18%	
	Customer Minutes	2,781,004			
	Customers Affected	2,818			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Post Storm Forestry Circuit Patrol			Complete	Jul-24
	Cycle tree trimming			Complete	Aug-24
	Replace priority mainline poles identified during annual pole inspection			Complete	Sep-24
Rank	Substation	Circuit	District	Customers	Outages
13	Bridgeton Sub	00117-3	Easton	298	31
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.77	Trees Off Row-Tree	51%	Q1 2024
	SAIDI	9,307.52	Forced Outage	31%	Q2 2024
	SAIFI	10.55	Unknown	10%	Q3 2024
	CAIDI	882	All Other	7%	Q4 2024
	Customer Minutes	2,773,640			
	Customers Affected	3,144			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Replace/repair high priority items identified during overhead circuit patrol			Complete	Jun-24
	Targeted Forestry Inspection			Complete	Aug-24
	Post Storm Forestry Circuit Patrol			Complete	Jul-24
	Overhead circuit inspection			Complete	Oct-24
Repair/replace high priority items identified during patrol			Complete	Dec-24	

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
14	Shawnee Sub	00822-3	Stroudsburg	2,919	60
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.57	Trees Off Row-Limb	48%	Q2 2024
	SAIDI	910.59	Trees Off Row-Tree	36%	Q3 2024
	SAIFI	3.42	Unknown	13%	Q4 2024
	CAIDI	266	All Other	2%	
	Customer Minutes	2,658,011			
	Customers Affected	9,994			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIP Engineering Review			Complete	Feb-24
	Replace priority mainline poles identified during annual pole inspection			Complete	May-24
	Forestry Aerial Patrol			Complete	Jul-24
	Rank	Substation	Circuit	District	Customers
15	Shawnee Sub	00895-3	Stroudsburg	3,850	112
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.21	Trees Off Row-Tree	45%	Q2 2024
	SAIDI	636.24	Unknown	18%	Q3 2024
	SAIFI	3.15	Forced Outage	9%	Q4 2024
	CAIDI	202	All Other	28%	
	Customer Minutes	2,449,526			
	Customers Affected	12,114			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Reconductor mainline			Complete	May-24
	LTIP Pole Replacements			Complete	Jul-24
	Cycle tree trimming			To be completed 2024	99%
	Replace priority poles identified during annual inspection			Complete	Nov-24

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
16	Fox Hill Subst	00816-3	Stroudsburg	3,332	52
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.00	Trees Off Row-Tree	48%	Q1 2024
	SAIDI	698.16	Unknown	40%	Q2 2024
	SAIFI	4.90	Trees Off Row-Limb	7%	Q3 2024
	CAIDI	143	All Other	6%	Q4 2024
	Customer Minutes	2,326,265			
	Customers Affected	16,311			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Replace Mainline bypass switch			Complete	Jan-24
	Overhead circuit inspection			Complete	Apr-24
	PAIR Pole Replacements			Complete	May-24
	Cycle tree trimming			Complete	Jun-24
	Repair/replace high priority items identified during overhead circuit inspection			Complete	Sep-24
Replace UG items identified during inspection			Complete	Dec-24	
LTIP GOAB switch replacement			To be completed 2025	50%	
Rank	Substation	Circuit	District	Customers	Outages
17	Shawnee Sub	00837-3	Stroudsburg	1,285	76
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.84	Trees Off Row-Tree	81%	Q3 2024
	SAIDI	1,736.81	Equipment Failure	9%	Q4 2024
	SAIFI	4.24	Vehicle	4%	
	CAIDI	410	All Other	6%	
	Customer Minutes	2,231,807			
	Customers Affected	5,445			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Targeted Forestry Inspection			Complete	Sep-24
LTIP Engineering Review			Complete	Sep-24	
Replace priority poles identified during annual inspection			Complete	Oct-24	

Met-Ed						
Rank	Substation	Circuit	District	Customers	Outages	
18	Birchwood Sub	00624-3	Stroudsburg	1,191	33	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	3.70	Trees Off Row-Tree	77%	Q4 2024	
	SAIDI	1,804.09	Vehicle	10%		
	SAIFI	2.92	Unknown	8%		
	CAIDI	617	All Other	4%		
	Customer Minutes	2,148,672				
	Customers Affected	3,481				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection				Complete	Jun-24
	LTIP Load balancing				To be completed 2025	25%
	LTIP circuit tie				To be completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages	
19	S Hamb Sub	00740-1	Hamburg	1,284	73	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	3.60	Trees Off Row-Tree	56%	Q1 2024	
	SAIDI	1,628.47	Equipment Failure	16%	Q2 2024	
	SAIFI	2.55	Trees Off Row-Limb	15%	Q3 2024	
	CAIDI	640	All Other	13%	Q4 2024	
	Customer Minutes	2,090,959				
	Customers Affected	3,269				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Cycle Tree Trimming				To be completed 2024	99%
Rank	Substation	Circuit	District	Customers	Outages	
20	Lickdale Substation	00625-2	Lebanon	1,022	127	
	S Hamb Sub		00741-1		Hamburg	
	SAIDI Impact	3.51	Trees Off Row-Tree	72%	Q1 2024	
	SAIDI	1,994.96	Unknown	11%	Q3 2024	
	SAIFI	5.97	Trees Off Row-Limb	7%	Q4 2024	
	CAIDI	334	All Other	9%		
	Customer Minutes	2,038,853				
	Customers Affected	6,097				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Repair damage caused by a tree				Complete	Aug-24

Met-Ed						
21	Substation	Circuit	District	Customers	Outages	
	Glendon	00819-3	Easton	1,333	17	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	3.46	Unknown	61%	Q4 2024	
	SAIDI	1,508.18	Trees Off Row-Tree	17%		
	SAIFI	3.76	Equipment Failure	16%		
	CAIDI	401	All Other	5%		
	Customer Minutes	2,010,398				
	Customers Affected	5,015				
	Remedial Action Planned or Taken			Status	Progress	
	Forestry Aerial Patrol			Complete	Jul-24	
	Replace priority items identified during inspection			Complete	Nov-24	
	On cycle tree trimming			To be completed 2025	0%	
	22	Rank	Substation	Circuit	District	Customers
		North Cornwall Sub	00610-2	Lebanon	2,348	87
Reliability		Outage by Cause		Previously Ranked		
SAIDI Impact		3.41	Trees Off Row-Tree	39%	Q1 2024	
SAIDI		844.21	Trees Off Row-Limb	26%	Q2 2024	
SAIFI		4.89	Forced Outage	21%	Q3 2024	
CAIDI		173	All Other	14%	Q4 2024	
Customer Minutes		1,982,198				
Customers Affected		11,475				
Remedial Action Planned or Taken			Status	Progress		
Cycle tree trimming			Complete	Sep-24		
Overhead circuit inspection			Complete	Nov-24		
23	Rank	Substation	Circuit	District	Customers	Outages
		Glendon	00805-3	Easton	1,004	28
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	3.38	Trees Off Row-Tree	82%	Q2 2024	
	SAIDI	1,954.99	Trees Off Row-Limb	10%	Q3 2024	
	SAIFI	2.69	Unknown	4%	Q4 2024	
	CAIDI	726	All Other	4%		
	Customer Minutes	1,962,809				
	Customers Affected	2,704				
	Remedial Action Planned or Taken			Status	Progress	
	LTIP Engineering Review			Complete	Feb-24	
	Forestry Aerial Patrol			Complete	Jul-24	
	Repair/Replace high priority items identified during circuit inspection			Complete	Sep-24	
	Cycle Tree Trimming			To be completed 2024	16%	
LTIP Voltage conversion			To be completed 2025	25%		

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
24	Glendon	00820-3	Easton	299	40
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.35	Trees Off Row-Tree	70%	Q2 2024
	SAIDI	6,519.23	Trees Off Row-Limb	17%	Q3 2024
	SAIFI	6.59	Unknown	8%	Q4 2024
	CAIDI	989	All Other	5%	
	Customer Minutes	1,949,249			
	Customers Affected	1,970			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIIP Engineering Review			Complete	Feb-24
	Replace/repair high priority items identified during overhead circuit patrol			Complete	Feb-24
	Post Storm Forestry Circuit Patrol			Complete	Jul-24
	Forestry Aerial Patrol			Complete	Jul-24
	LTIIP Voltage conversion			To be completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
25	Shawnee Sub	00860-3	Stroudsburg	3,266	59
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.16	Trees Off Row-Tree	39%	Q3 2024
	SAIDI	563.11	Trees Off Row-Limb	22%	Q4 2024
	SAIFI	3.43	Unknown	18%	
	CAIDI	164	All Other	21%	
	Customer Minutes	1,839,103			
	Customers Affected	11,203			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Forestry Aerial Patrol			Complete	Jul-24
	Replace priority poles identified during annual inspection			Complete	May-24
Rank	Substation	Circuit	District	Customers	Outages
26	Raubsville St	00079-3	Easton	800	45
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.14	Trees Off Row-Tree	58%	Q1 2024
	SAIDI	2,285.43	Trees On Row	19%	Q2 2024
	SAIFI	2.36	Wind	11%	Q3 2024
	CAIDI	970	All Other	12%	Q4 2024
	Customer Minutes	1,828,343			
	Customers Affected	1,884			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Replace/repair high priority items identified during overhead circuit patrol			Complete	Apr-24
Replace priority mainline poles identified during annual pole inspection			Complete	May-24	
Cycle Tree Trimming			Complete	Sep-24	

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
27	Stroudsburg	00610-3	Stroudsburg	910	20
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.04	Trees Off Row-Tree	35%	Q1 2024
	SAIDI	1,945.29	Vehicle	20%	Q2 2024
	SAIFI	6.39	Unknown	14%	Q3 2024
	CAIDI	304	All Other	31%	Q4 2024
	Customer Minutes	1,770,211			
	Customers Affected	5,818			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Replace priority poles identified during annual inspection			Complete	May-24
	Replace damaged GOAB switch			Complete	Oct-24
Rank	Substation	Circuit	District	Customers	Outages
28	Mountain Substation	00743-4	Dillsburg	1,038	61
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.03	Trees Off Row-Tree	68%	Q1 2024
	SAIDI	1,696.12	Equipment Failure	9%	Q2 2024
	SAIFI	6.41	Forced Outage	6%	Q3 2024
	CAIDI	265	All Other	17%	Q4 2024
	Customer Minutes	1,760,577			
	Customers Affected	6,651			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Engineering circuit tie addition review			Complete	Jan-24
	Overhead circuit inspection			Complete	Sep-24
Rank	Substation	Circuit	District	Customers	Outages
29	S Nazareth	00809-3	Easton	3,228	87
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.03	Trees Off Row-Tree	46%	Q2 2024
	SAIDI	544.98	Line Failure	23%	Q3 2024
	SAIFI	2.61	Unknown	9%	Q4 2024
	CAIDI	209	All Other	23%	
	Customer Minutes	1,759,187			
	Customers Affected	8,420			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Cycle tree trimming			Complete	Sep-24

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
30	Birdsboro	00756-1	Reading	1,534	146
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.02	Trees Off Row-Tree	55%	Q1 2024
	SAIDI	1,143.45	Trees Off Row-Limb	29%	Q2 2024
	SAIFI	5.24	Unknown	6%	Q3 2024
	CAIDI	218	All Other	9%	Q4 2024
	Customer Minutes	1,754,045			
	Customers Affected	8,040			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Targeted tree trimming and removals			Complete	Sep-24
Rank	Substation	Circuit	District	Customers	Outages
31	Round Top	00582-4	Dillsburg	730	65
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.01	Trees Off Row-Tree	81%	Q1 2024
	SAIDI	2,399.63	Forced Outage	5%	Q2 2024
	SAIFI	4.18	Unknown	5%	Q3 2024
	CAIDI	573	All Other	9%	Q4 2024
	Customer Minutes	1,751,733			
	Customers Affected	3,055			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Cycle Tree Trimming			Complete	Aug-24
Rank	Substation	Circuit	District	Customers	Outages
32	W Boyertown Sub	00715-1	Boyertown	1,718	86
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.01	Unknown	53%	Q1 2024
	SAIDI	1,018.99	Forced Outage	18%	Q2 2024
	SAIFI	4.22	Trees Off Row-Tree	17%	Q3 2024
	CAIDI	241	All Other	12%	Q4 2024
	Customer Minutes	1,750,630			
	Customers Affected	7,256			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Install TripSaver			Complete	Aug-24
Cycle Tree Trimming			To be completed 2025	0%	

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
33	Bath Sub	00873-3	Easton	2,161	81
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.88	Vehicle	35%	Q4 2024
	SAIDI	776.12	Trees Off Row-Tree	21%	
	SAIFI	3.87	Forced Outage	14%	
	CAIDI	201	All Other	30%	
	Customer Minutes	1,677,203			
	Customers Affected	8,357			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Upgrade SCADA device			To be completed 2025	75%
Rank	Substation	Circuit	District	Customers	Outages
34	S Hamb Sub	00743-1	Hamburg	1,182	76
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.83	Trees Off Row-Tree	70%	Q1 2024
	SAIDI	1,394.19	Equipment Failure	20%	Q2 2024
	SAIFI	2.23	Trees Off Row-Limb	6%	Q3 2024
	CAIDI	624	All Other	3%	Q4 2024
	Customer Minutes	1,647,928			
	Customers Affected	2,639			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Cycle tree trimming			To be completed 2024	98%
Rank	Substation	Circuit	District	Customers	Outages
35	Fleetwood Sub	00161-1	Reading	686	26
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.73	Trees Off Row-Tree	79%	Q3 2024
	SAIDI	2,313.43	Unknown	9%	Q4 2024
	SAIFI	3.63	Trees Off Row-Limb	9%	
	CAIDI	637	All Other	3%	
	Customer Minutes	1,587,011			
	Customers Affected	2,493			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Cycle tree trimming			Complete	Dec-23

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
36	Northwood Sub	00802-3	Easton	539	14
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	2.61	Trees Off Row-Tree	82%	Q2 2024
	SAIDI	2,820.17	Unknown	17%	Q3 2024
	SAIFI	2.20	Equipment Failure	0%	Q4 2024
	CAIDI	1,281	All Other	0%	
	Customer Minutes	1,520,070			
	Customers Affected	1,187			
	Remedial Action Planned or Taken			Status	Progress
	LTIIP SCADA Recloser Review			Complete	Sep-24
	Overhead circuit inspection			To be completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
37	Flying Hills Sub	00777-1	Reading	1,800	125
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	2.60	Trees Off Row-Tree	65%	Q1 2024
	SAIDI	840.16	Trees Off Row-Limb	11%	Q2 2024
	SAIFI	4.73	Equipment Failure	10%	Q3 2024
	CAIDI	178	All Other	13%	Q4 2024
	Customer Minutes	1,512,285			
	Customers Affected	8,506			
	Remedial Action Planned or Taken			Status	Progress
	Replace priority mainline poles identified during annual pole inspection			Complete	Sep-24
	Cycle Tree Trimming			To be completed 2024	0%

Met-Ed					
Rank	Substation	Circuit	District	Customers	Outages
38	Shawnee Sub	00899-3	Stroudsburg	1,694	68
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.58	Trees Off Row-Tree	68%	Q1 2024
	SAIDI	885.99	Trees Off Row-Limb	10%	Q2 2024
	SAIFI	3.80	Equipment Failure	9%	Q3 2024
	CAIDI	233	All Other	12%	Q4 2024
	Customer Minutes	1,500,859			
	Customers Affected	6,441			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Mainline Forestry Aerial Patrol			Complete	Jul-23
	Engineering circuit tie addition review			Complete	Jan-24
	Targeted Mainline Circuit Rehabilitation LTIP Engineering Review			Complete	Feb-24
	Replace priority mainline poles identified during annual pole inspection			Complete	Jun-24
	Forestry Aerial Patrol			Complete	Jul-24
Upgrade Supervisory Control and Data Acquisition (SCADA) devices (2 devices)			Complete	Sep-24	
LTIP circuit rehab zone 1 & 2			To be completed 2025	25%	
Rank	Substation	Circuit	District	Customers	Outages
39	Raubsville St	00095-3	Easton	531	50
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.57	Trees Off Row-Tree	45%	Q1 2024
	SAIDI	2,815.69	Trees Off Row-Limb	27%	Q2 2024
	SAIFI	4.56	Vehicle	9%	Q4 2024
	CAIDI	617	All Other	19%	
	Customer Minutes	1,495,130			
	Customers Affected	2,422			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Targeted forestry inspection			Complete	Oct-23
	Replace/repair high priority items identified during overhead circuit patrol			Complete	Jun-24
Cycle Tree Trimming			Complete	Sep-24	

<b>Met-Ed</b>					
<b>Unranked circuits appearing 2 or more quarters in the last 4 quarters</b>					
<b>Substation</b>	<b>Circuit</b>	<b>1Q 2024</b>	<b>2Q 2024</b>	<b>3Q 2024</b>	<b>4Q 2024</b>
Angelica Sub	00129-1	X	X		
Flying Hills Sub	00776-1	X	X		
Fox Hill Subst	00852-3	X	X		
Lorane	00560-1	X	X		
Lyons Sub	00729-1	X	X	X	
Mohnton Sub Sta	00144-1	X	X		
Painted Sky	00650-1	X	X		
Richmond Subst	00104-3	X	X	X	
Ringing Rocks Sub	00708-1	X	X		
W Boyertown Sub	00714-1	X	X	X	

<b>Met-Ed</b>				
<b>Unranked circuits with remedial actions scheduled to be or recently completed</b>				
<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work</b>	<b>Progress of Remedial Work or Date Completed</b>
Flying Hills Sub	00776-1	Cycle tree trimming	To be completed 2025	0%
Barto	00705-1	Cycle tree trimming	To be completed 2025	84%
Mc Knights Gap Sub	00774-1	Cycle tree trimming	To be completed 2025	0%
Lyons Sub	00729-1	Cycle tree trimming	Complete	Sep-24
Windsor	00797-4	Replace/repair high priority items identified during overhead circuit patrol	To be completed 2025	85%
Richmond Subst	00104-3	Cycle tree trimming	To be completed 2025	96%
Mountain	00744-4	Overhead circuit inspection	Complete	Nov-24
Lynnville Sub	00737-1	Overhead circuit inspection	Complete	Nov-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
1	Thompson	00436-65	Montrose	1,392	122
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	16.67	Forced Outage	41%	Q1 2024
	SAIDI	5.16	Trees Off Row-Tree	23%	Q2 2024
	SAIFI	3,661.59	Ice	22%	Q3 2024
	CAIDI	710.30	All Other	14%	Q4 2024
	Customer Minutes	9,872,609			
	Customers Affected	7,861			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Install Tripsavers (LTIIP)			Complete	May-24
	Circuit inspection			Complete	Jun-24
	10 pole replacements (LTIIP)			Complete	May-24
	PARC Tripsavers			To Be Completed 2025	50%
	LTIIP New Tie Point			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
2	Tiffany	00435-65	Montrose	1,303	62
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	8.06	Ice	67%	Q1 2024
	SAIDI	4.78	Trees Off Row-Tree	28%	Q2 2024
	SAIFI	3,630.41	Forced Outage	2%	Q3 2024
	CAIDI	759.74	All Other	3%	Q4 2024
	Customer Minutes	4,771,054			
	Customers Affected	6,717			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by storm			Complete	Jan-24
	Install remote vacuum switches and transformer (LTIIP)			Complete	Apr-24
	Pole replacements			Complete	May-24
	Replace electronic recloser batteries			Complete	Sep-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
3	Thompson	00446-65	Montrose	1,291	120
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	7.92	Ice	63%	Q1 2024
	SAIDI	5.06	Trees Off Row-Tree	23%	Q2 2024
	SAIFI	4,366.22	Line Failure	4%	Q3 2024
	CAIDI	862.60	All Other	10%	Q4 2024
	Customer Minutes	4,686,856			
	Customers Affected	6,169			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Circuit inspection			Complete	May-24
	Install Tripsavers			Complete	May-24
	CEMI Tripsaver installations (LTIIP)			Complete	Jun-24
	On cycle tree trimming			To Be Completed 2024	77%
	PARC Tripsavers			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
4	Lake Como	00787-65	Montrose	956	77
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	7.05	Trees Off Row-Tree	61%	Q3 2024
	SAIDI	5.58	Ice	21%	Q4 2024
	SAIFI	5,693.43	Trees Off Row-Limb	5%	
	CAIDI	1,020.80	All Other	14%	
	Customer Minutes	4,174,110			
	Customers Affected	4,839			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by trees			Complete	Jul-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
5	Lake Como	00788-65	Montrose	665	61
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	6.39	Trees Off Row-Tree	61%	Q1 2024
	SAIDI	3.50	Ice	28%	Q2 2024
	SAIFI	2,987.78	Line Failure	5%	Q3 2024
	CAIDI	854.44	All Other	7%	Q4 2024
	Customer Minutes	3,786,129			
	Customers Affected	3,709			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by trees			Complete	Mar-24
	Capacitor replacement			Complete	Jul-24
Rank	Substation	Circuit	District	Customers	Outages
6	Tiffany	00440-65	Montrose	1,238	10
	SAIDI Impact		2.96		Trees Off Row-Tree
	SAIDI Impact	6.25	Ice	83%	Q3 2024
	SAIDI	7.47	Trees Off Row-Tree	14%	Q4 2024
	SAIFI	5,284.38	Lightning	3%	
	CAIDI	707.44	All Other	0%	
	Customer Minutes	3,698,869			
	Customers Affected	4,329			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Pole replacements			Complete	Jun-24
	LTIP Vac Switch			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
7	Thompson	00442-65	Montrose	677	57
	Russell Hill		00282-65		Montrose
	SAIDI Impact	6.04	Trees Off Row-Tree	39%	Q2 2024
	SAIDI	3.30	Ice	27%	Q3 2024
	SAIFI	2,952.28	Unknown	25%	Q4 2024
	CAIDI	893.60	All Other	9%	
	Customer Minutes	3,577,522			
	Customers Affected	5,057			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Test Tripsaver and install fault indicator			Complete	Feb-24
	Replace control			Complete	May-24
On cycle tree trimming			Complete	Oct-24	
PARC Tripsavers			To Be Completed 2025	25%	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
8	Grover	00527-63	Towanda	1,106	87
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	5.51	Trees Off Row-Tree	80%	Q1 2024
	SAIDI	5.12	Wind	9%	Q2 2024
	SAIFI	4,501.87	Vehicle	5%	Q3 2024
	CAIDI	878.95	All Other	7%	Q4 2024
	Customer Minutes	3,265,223			
	Customers Affected	3,654			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by trees			Complete	Jan-24
	Capacitor inspection			Complete	May-24
	Cap pole replacement			Complete	Sep-24
	On cycle tree trimming			To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
9	Lenox	00755-65	Montrose	714	64
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	5.43	Trees Off Row-Tree	57%	Q1 2024
	SAIDI	3.78	Ice	20%	Q2 2024
	SAIFI	1,989.07	Equipment Failure	13%	Q3 2024
	CAIDI	526.23	All Other	10%	Q4 2024
	Customer Minutes	3,214,335			
	Customers Affected	3,657			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree clearing			Complete	Jan-24
	Replace Tripsaver			Complete	Jun-24
	LTIIP Line Rehab			To Be Completed 2025	25%
	Rank	Substation	Circuit	District	Customers
10	Tunkhannock	00533-65	Montrose	1,281	73
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.30	Ice	65%	Q1 2024
	SAIDI	4.38	Unknown	9%	Q2 2024
	SAIFI	2,660.48	Trees Off Row-Limb	8%	Q3 2024
	CAIDI	607.74	All Other	17%	Q4 2024
	Customer Minutes	2,547,994			
	Customers Affected	4,842			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Pole replacements			Complete	Feb-24
	On cycle tree trimming			Complete	Sep-24
	LTIIP Replace recloser			To Be Completed 2025	25%

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
11	Falls	00297-65	Montrose	842	40
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.78	Ice	57%	Q1 2024
	SAIDI	7.88	Trees Off Row-Tree	28%	Q2 2024
	SAIFI	2,222.46	Unknown	8%	Q3 2024
	CAIDI	282.21	All Other	8%	Q4 2024
	Customer Minutes	2,240,126			
	Customers Affected	3,686			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by trees			Complete	Aug-24
	On cycle tree trimming			To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
12	N Meshoppen Tran	00534-65	Montrose	898	79
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.37	Trees Off Row-Tree	38%	Q1 2024
	SAIDI	2.75	Equipment Failure	25%	Q2 2024
	SAIFI	3,435.87	Ice	20%	Q3 2024
	CAIDI	1,250.47	All Other	17%	Q4 2024
	Customer Minutes	1,995,771			
	Customers Affected	7,072			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Dec-23
	Repair damage caused by trees			Complete	Jan-24
	Replace poles			Complete	Jun-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
13	Brooklyn	00749-65	Montrose	535	38
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.10	Trees Off Row-Tree	57%	Q1 2024
	SAIDI	1.97	Equipment Failure	30%	Q2 2024
	SAIFI	1,729.69	Ice	7%	Q3 2024
	CAIDI	879.63	All Other	1%	Q4 2024
	Customer Minutes	1,838,189			
	Customers Affected	1,470			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Nov-23
	Replace anchor			Complete	Jun-24
Rank	Substation	Circuit	District	Customers	Outages
14	East Sayre	00518-61	Towanda	982	54
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.87	Ice	57%	Q1 2024
	SAIDI	7.98	Lightning	23%	Q2 2024
	SAIFI	3,122.00	Trees Off Row-Limb	8%	Q4 2024
	CAIDI	391.25	All Other	12%	
	Customer Minutes	1,698,556			
	Customers Affected	1,931			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Upgrade transformer			Complete	Jan-24
	LTIIP Animal guarding			To Be Completed 2025	25%
	PARC Tripsavers			To Be Completed 2025	25%

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
15	Laurel Lake Sub Tran	00449-65	Montrose	540	61
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.85	Ice	42%	Q1 2024
	SAIDI	7.16	Trees Off Row-Tree	34%	Q2 2024
	SAIFI	2,573.00	Equipment Failure	13%	Q3 2024
	CAIDI	359.58	All Other	11%	Q4 2024
	Customer Minutes	1,685,880			
	Customers Affected	4,309			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Circuit inspection			Complete	Apr-24
	Targeted Circuit Rehab			Complete	Apr-24
	Repair damaged equipment			Complete	Mar-24
	Replace moab switch			Complete	May-24
	LTIP Replace sectionalizers with Vipers			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
16	Northeast	00591-31	Erie	643	22
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.79	Vehicle	98%	Q4 2024
	SAIDI	3.79	Equipment Failure	2%	
	SAIFI	747.43	Unknown	0%	
	CAIDI	197.03	All Other	0%	
	Customer Minutes	1,654,439			
	Customers Affected	4,601			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage from vehicle			Complete	Oct-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
17	Madera	00166-22	Philipsburg	2,183	98
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.76	Trees Off Row-Tree	41%	Q1 2024
	SAIDI	2.84	Lightning	41%	Q2 2024
	SAIFI	495.42	Forced Outage	11%	Q3 2024
	CAIDI	174.46	All Other	7%	Q4 2024
	Customer Minutes	1,631,640			
	Customers Affected	8,281			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	RC Switch inspection			Complete	May-24
	Recloser inspection			Complete	Feb-24
	CEMI (LTIIP)			Complete	Sep-24
	On cycle tree trimming			To Be Completed 2024	78%
Rank	Substation	Circuit	District	Customers	Outages
18	Springboro	00237-52	Meadville	2,828	96
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.37	Trees Off Row-Tree	54%	Q1 2024
	SAIDI	2.75	Wind	26%	Q2 2024
	SAIFI	4,162.93	Animal	7%	Q3 2024
	CAIDI	1,514.62	All Other	12%	Q4 2024
	Customer Minutes	1,401,055			
	Customers Affected	8,031			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair line failure			Complete	Jan-24
	Cap pole replacement deployed at seven sites			Complete	May-24
	Repair damage caused by trees			Complete	Aug-24
	Repair damage caused by trees			Complete	Dec-24
Rank	Substation	Circuit	District	Customers	Outages
19	Lake Como	00786-65	Montrose	334	16
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.35	Trees Off Row-Tree	82%	Q1 2024
	SAIDI	29.41	Trees Off Row-Limb	13%	Q2 2024
	SAIFI	14,284.19	Line Failure	4%	Q3 2024
	CAIDI	485.61	All Other	1%	Q4 2024
	Customer Minutes	1,390,419			
	Customers Affected	918			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by trees			Complete	Mar-24
LTIIP Line rehab			To Be Completed 2025	25%	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
20	Dushore	00641-62	Towanda	94	49
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.27	Ice	40%	Q3 2024
	SAIDI	3.04	Equipment Failure	29%	Q4 2024
	SAIFI	1,151.34	Trees Off Row-Tree	25%	
	CAIDI	378.63	All Other	6%	
	Customer Minutes	1,342,714			
	Customers Affected	2,765			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair equipment failure			Complete	Jul-24
	On cycle tree trimming			Complete	Sep-24
Rank	Substation	Circuit	District	Customers	Outages
21	Russell Hill	00282-65	Montrose	1,053	59
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.05	Trees Off Row-Tree	34%	Q1 2024
	SAIDI	4.57	Vehicle	20%	Q2 2024
	SAIFI	4,634.80	Equipment Failure	19%	Q3 2024
	CAIDI	1,013.45	All Other	27%	Q4 2024
	Customer Minutes	1,212,358			
	Customers Affected	3,202			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by vehicle			Complete	Mar-24
	Recloser inspection			Complete	Jan-24
	LTIIP Pole Replacement			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
22	Rockwood	00023-12	Somerset	232	12
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.82	Trees Off Row-Tree	99%	Q1 2024
	SAIDI	5.38	Ice	1%	Q2 2024
	SAIFI	1,379.49	Equipment Failure	0%	Q3 2024
	CAIDI	256.20	All Other	0%	Q4 2024
	Customer Minutes	1,075,274			
	Customers Affected	1,061			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Pole inspection			Complete	May-24
	ESSS work requests			Complete	May-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
23	Oxbow	00555-65	Montrose	752	54
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.75	Trees Off Row-Tree	33%	Q1 2024
	SAIDI	4.10	Ice	19%	Q2 2024
	SAIFI	623.73	Line Failure	13%	Q3 2024
	CAIDI	152.13	All Other	35%	Q4 2024
	Customer Minutes	1,037,374			
	Customers Affected	4,049			
	Remedial Action Planned or Taken			Status	Progress
	Repair line failure			Complete	Feb-24
	Underground conductor inspection			Complete	Jul-24
	On cycle tree trimming			Complete	Sep-24
Rank	Substation	Circuit	District	Customers	Outages
24	Hooversville	00019-12	Somerset	1,650	53
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.74	Trees Off Row-Tree	60%	Q1 2024
	SAIDI	3.58	Equipment Failure	30%	Q2 2024
	SAIFI	1,620.00	Line Failure	5%	Q3 2024
	CAIDI	452.11	All Other	5%	Q4 2024
	Customer Minutes	1,029,151			
	Customers Affected	6,765			
	Remedial Action Planned or Taken			Status	Progress
	Repair damage caused by trees			Complete	Jan-24
	Repair failed equipment/line			Complete	Aug-24
	Repair damage caused by trees			Complete	Sep-24
	On cycle tree trimming			To Be Completed 2025	0%

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
25	Brookville	00125-23	Dubois	631	38
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.73	Trees Off Row-Tree	94%	Q2 2024
	SAIDI	3.09	Trees Off Row-Limb	2%	Q3 2024
	SAIFI	4,538.04	Equipment Failure	2%	Q4 2024
	CAIDI	1,470.47	All Other	2%	
	Customer Minutes	1,022,222			
	Customers Affected	2,261			
	Remedial Action Planned or Taken			Status	Progress
	Repair line failure			Complete	Nov-23
	Repair damage caused by a tree			Complete	Nov-24
	On cycle tree trimming			To Be Completed 2025	82%
	Underground circuit inspection			To Be Completed 2025	0%
	Overhead circuit inspection			To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
26	Laurel Lake Sub Tran	00448-65	Montrose	209	10
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.60	Ice	84%	Q4 2024
	SAIDI	4.04	Trees Off Row-Tree	11%	
	SAIFI	1,024.82	Lightning	5%	
	CAIDI	253.77	All Other	0%	
	Customer Minutes	948,450			
	Customers Affected	645			
	Remedial Action Planned or Taken			Status	Progress
	PARC Tripsaver			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
27	Buckeye Blaine	00136-83	Shippensburg	914	64
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.58	Trees Off Row-Tree	60%	Q2 2024
	SAIDI	4.20	Line Failure	15%	Q3 2024
	SAIFI	2,726.29	Wind	13%	Q4 2024
	CAIDI	649.39	All Other	12%	
	Customer Minutes	936,683			
	Customers Affected	3,691			
	Remedial Action Planned or Taken			Status	Progress
	On cycle tree trimming			Complete	Jul-23
	Repair line failure			Complete	Jun-24
Repair damage caused by trees			Complete	Aug-24	
Repair damage caused by trees			Complete	Oct-24	



Penelec						
Rank	Substation	Circuit	District	Customers	Outages	
31	Boyer	00584-31	Erie	1,713	35	
	SAIDI Impact		1.17		Trees Off Row-Tree	
	SAIDI Impact	1.47	Unknown	34%	Q2 2024	
	SAIDI	3.31	Equipment Failure	33%	Q4 2024	
	SAIFI	1,938.71	Line Failure	24%		
	CAIDI	585.75	All Other	9%		
	Customer Minutes	869,047				
	Customers Affected	10,253				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Repair equipment failures				Complete	Apr-24
Repair equipment failure				Complete	Nov-24	
Rank	Substation	Circuit	District	Customers	Outages	
32	N Meshoppen Tran	00531-65	Montrose	439	76	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	1.44	Equipment Failure	37%	Q1 2024	
	SAIDI	6.58	Ice	24%	Q3 2024	
	SAIFI	4,742.39	Trees Off Row-Tree	21%	Q4 2024	
	CAIDI	720.62	All Other	18%		
	Customer Minutes	851,093				
	Customers Affected	1,453				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Repair damage caused by trees				Complete	Jan-24
Cap pole replacements				Complete	Sep-24	
Rank	Substation	Circuit	District	Customers	Outages	
33	Ansonia	00740-63	Mansfield Pa	179	21	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	1.43	Lightning	51%	Q3 2024	
	SAIDI	2.36	Trees Off Row-Tree	44%	Q4 2024	
	SAIFI	1,643.19	Equipment Failure	3%		
	CAIDI	695.15	All Other	1%		
	Customer Minutes	848,887				
	Customers Affected	1,178				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Cap pole replacements				Complete	Jul-24
LTIIIP Line rehab				To Be Completed 2025	25%	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
34	N Meshoppen Tran	00437-65	Montrose	514	57
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.43	Ice	69%	Q1 2024
	SAIDI	5.50	Line Failure	12%	Q4 2024
	SAIFI	661.41	Trees Off Row-Tree	6%	
	CAIDI	120.17	All Other	13%	
	Customer Minutes	844,602			
	Customers Affected	1,215			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIIP Pole Replacement			Complete	Feb-24
Rank	Substation	Circuit	District	Customers	Outages
35	Natl Forge Sw Sta	00577-41	Warren	1,222	45
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.36	Equipment Failure	49%	Q1 2024
	SAIDI	1.87	Trees Off Row-Tree	25%	Q2 2024
	SAIFI	654.80	Trees Off Row-Limb	10%	Q3 2024
	CAIDI	350.42	All Other	15%	Q4 2024
	Customer Minutes	808,246			
	Customers Affected	6,726			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree clearing			Complete	Dec-23
	Repair equipment failure			Complete	Jan-24
	Repair damage caused by trees			Complete	Jul-24
	Repair equipment failure			Complete	Sep-24
UG circuit injection			Complete	Dec-24	
Rank	Substation	Circuit	District	Customers	Outages
36	Marienville	00328-51	Oil City	1,233	50
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.36	Trees Off Row-Tree	63%	Q1 2024
	SAIDI	4.07	Equipment Failure	30%	Q2 2024
	SAIFI	741.18	Animal	2%	Q4 2024
	CAIDI	182.17	All Other	5%	
	Customer Minutes	807,364			
	Customers Affected	2,304			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair equipment failure			Complete	Jan-24
Repair damage caused by off ROW trees			Complete	Jun-24	
Repair damage caused by off ROW trees			Complete	Dec-24	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
37	Osceola	00318-63	Mansfield Pa	1,077	14
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.35	Lightning	62%	Q3 2024
	SAIDI	8.67	Trees Off Row-Tree	20%	Q4 2024
	SAIFI	888.66	Trees Off Row-Limb	7%	
	CAIDI	102.50	All Other	11%	
	Customer Minutes	798,250			
	Customers Affected	4,382			
	Remedial Action Planned or Taken			Status	Progress
	Replace pole			Complete	Jun-24
	LTIIP Underground cable rehab			To Be Completed 2025	25%
	LTIIP SCADA installation			To Be Completed 2025	25%
Rank	Substation	Circuit	District	Customers	Outages
38	Lowell Avenue	00518-31	Erie	893	21
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.34	Line Failure	55%	Q1 2024
	SAIDI	6.00	Trees Off Row-Tree	15%	Q2 2024
	SAIFI	6,666.61	Wind	12%	Q3 2024
	CAIDI	1,111.10	All Other	18%	Q4 2024
	Customer Minutes	793,573			
	Customers Affected	7,742			
	Remedial Action Planned or Taken			Status	Progress
	On cycle tree trimming			Complete	Dec-23
	Repair line failure			Complete	Jan-24
	Repair broken neutral			Complete	Aug-24
	Remove tree and make repairs			Complete	Nov-24
	Rank	Substation	Circuit	District	Customers
39	Lenox	00757-65	Montrose	113	12
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.27	Trees Off Row-Tree	82%	Q4 2024
	SAIDI	3.68	Lightning	6%	
	SAIFI	460.73	Wind	6%	
	CAIDI	125.19	All Other	6%	
	Customer Minutes	753,327			
	Customers Affected	678			
	Remedial Action Planned or Taken			Status	Progress
Replace sectionalizer			Complete	Sep-24	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
40	Union City	00208-43	Erie	1,614	87
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.26	Line Failure	28%	Q1 2024
	SAIDI	2.43	Equipment Failure	28%	Q2 2024
	SAIFI	657.35	Forced Outage	17%	Q3 2024
	CAIDI	269.96	All Other	27%	Q4 2024
	Customer Minutes	743,622			
	Customers Affected	5,940			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair line failure			Complete	Jan-24
	All high CMI outages repaired			Complete	Jun-24
	Repair broken pole			Complete	Jul-24
Rank	Substation	Circuit	District	Customers	Outages
41	Birmingham	00168-22	Philipsburg	1,122	66
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.25	Line Failure	68%	Q4 2024
	SAIDI	4.15	Animal	14%	
	SAIFI	263.58	Trees Off Row-Limb	8%	
	CAIDI	63.57	All Other	9%	
	Customer Minutes	737,544			
	Customers Affected	2,732			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair line failure			Complete	Oct-24
	On cycle tree trimming			To Be Completed 2025	0%
	Rank	Substation	Circuit	District	Customers
42	Philipsburg	00162-22	Philipsburg	2,793	63
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.24	Equipment Failure	25%	Q3 2024
	SAIDI	2.04	Trees Off Row-Tree	22%	Q4 2024
	SAIFI	348.03	Trees Off Row-Limb	19%	
	CAIDI	170.47	All Other	34%	
	Customer Minutes	736,187			
	Customers Affected	11,581			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	RC Switch inspection			Complete	Apr-24
	Recloser inspection			Complete	Feb-24
	Repair damage caused by a tree			Complete	Dec-24
Overhead circuit inspection			To Be Completed 2025	0%	
Underground circuit inspection			To Be Completed 2025	0%	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
43	Walnut Street	00522-31	Erie	2,090	28
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.23	Equipment Failure	93%	Q2 2024
	SAIDI	2.48	Trees - Sec/Service	2%	Q3 2024
	SAIFI	390.46	Unknown	2%	Q4 2024
	CAIDI	157.23	All Other	3%	
	Customer Minutes	727,383			
	Customers Affected	4,267			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Equipment repairs			Complete	Apr-24
Rank	Substation	Circuit	District	Customers	Outages
44	Shippensburg 1	00630-83	Shippensburg	1,806	45
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.19	Equipment Failure	52%	Q1 2024
	SAIDI	5.14	Line Failure	33%	Q2 2024
	SAIFI	1,086.78	Ice	6%	Q3 2024
	CAIDI	211.57	All Other	8%	Q4 2024
	Customer Minutes	705,176			
	Customers Affected	4,485			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair storm damage			Complete	Feb-24
	ESSS work request			Complete	May-24
Overhead circuit inspection			To Be Completed 2025	0%	
UG circuit inspection			To Be Completed 2025	0%	
Rank	Substation	Circuit	District	Customers	Outages
45	Platea	00432-34	Erie	643	67
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.18	Trees Off Row-Tree	78%	Q1 2024
	SAIDI	2.31	Vehicle	7%	Q2 2024
	SAIFI	304.95	Forced Outage	4%	Q3 2024
	CAIDI	132.17	All Other	11%	Q4 2024
	Customer Minutes	698,800			
	Customers Affected	3,303			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Dec-23
	Repaired high side fuses			Complete	Feb-24
Pole replacement			Complete	Mar-24	
Remove tree and make repairs			Complete	Dec-24	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
46	Salix	00070-11	Johnstown	2,282	45
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.18	Line Failure	61%	Q2 2024
	SAIDI	3.33	Trees Off Row-Tree	17%	Q4 2024
	SAIFI	2,159.95	Vehicle	13%	
	CAIDI	649.40	All Other	9%	
	Customer Minutes	695,899			
	Customers Affected	5,265			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Mar-24
Rank	Substation	Circuit	District	Customers	Outages
47	Eagles Mere	00686-62	Towanda	322	29
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.17	Trees Off Row-Tree	87%	Q3 2024
	SAIDI	4.91	Equipment Failure	7%	Q4 2024
	SAIFI	1,734.46	Object Contact With Line	5%	
	CAIDI	353.13	All Other	2%	
	Customer Minutes	695,505			
	Customers Affected	1,071			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection			Complete	Apr-24
On cycle tree trimming			To Be Completed 2025	0%	
Rank	Substation	Circuit	District	Customers	Outages
48	Dushore	00528-62	Towanda	385	40
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.13	Trees Off Row-Tree	66%	Q4 2024
	SAIDI	2.45	Ice	25%	
	SAIFI	432.02	Forced Outage	5%	
	CAIDI	176.45	All Other	5%	
	Customer Minutes	667,767			
	Customers Affected	1,891			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIIIP Line Rehab			To Be Completed 2025	25%

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
49	French Road	00219-31	Erie	1,494	21
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.09	Wind	47%	Q3 2024
	SAIDI	1.87	Trees Off Row-Tree	38%	Q4 2024
	SAIFI	1,620.44	Line Failure	8%	
	CAIDI	867.16	All Other	7%	
	Customer Minutes	645,445			
	Customers Affected	3,658			
	Remedial Action Planned or Taken			Status	Progress
	Tree removal			Complete	Sep-24
	Repair line failure			Complete	Dec-24
Rank	Substation	Circuit	District	Customers	Outages
50	North Orwell	00300-61	Towanda	396	32
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.08	Ice	39%	Q4 2024
	SAIDI	2.30	Trees Off Row-Tree	34%	
	SAIFI	235.00	Line Failure	23%	
	CAIDI	102.30	All Other	4%	
	Customer Minutes	641,696			
	Customers Affected	740			
	Remedial Action Planned or Taken			Status	Progress
	Repair line failure			Complete	Nov-24
Rank	Substation	Circuit	District	Customers	Outages
51	Erie South	00259-31	Erie	2,716	94
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.08	Equipment Failure	45%	Q3 2024
	SAIDI	2.65	Trees Off Row-Tree	39%	Q4 2024
	SAIFI	397.17	Unknown	8%	
	CAIDI	149.94	All Other	8%	
	Customer Minutes	638,261			
	Customers Affected	6,239			
	Remedial Action Planned or Taken			Status	Progress
	Repair faulty insulator			Complete	Jul-24
	Remove tree and reset pole			Complete	Dec-24

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
52	Meysdale North	00022-12	Somerset	1,586	41
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.06	Vehicle	77%	Q1 2024
	SAIDI	2.42	Equipment Failure	14%	Q2 2024
	SAIFI	1,000.28	Forced Outage	4%	Q4 2024
	CAIDI	412.67	All Other	5%	
	Customer Minutes	629,914			
	Customers Affected	4,201			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Sep-23
	Install advanced Dx protective devices			Complete	Sep-24
	Install advanced Dx protective devices			Complete	Jul-24
Rank	Substation	Circuit	District	Customers	Outages
53	Saxton	00624-73	Altoona	618	7
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.04	Equipment Failure	65%	Q4 2024
	SAIDI	2.23	Lightning	30%	
	SAIFI	765.50	Trees Off Row-Tree	4%	
	CAIDI	343.94	All Other	2%	
	Customer Minutes	618,173			
	Customers Affected	1,498			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by lightning			Complete	Oct-24
	Underground circuit inspection			To be completed 2025	0%
	Overhead circuit inspection			To be completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
54	Brookville West	00121-23	Dubois	802	38
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	1.04	Trees Off Row-Tree	84%	Q3 2024
	SAIDI	1.82	Unknown	11%	Q4 2024
	SAIFI	396.15	Animal	2%	
	CAIDI	217.58	All Other	3%	
	Customer Minutes	613,930			
	Customers Affected	1,785			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection			Complete	Mar-24
Repair damage caused by a tree			Complete	Nov-24	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
55	Piney	00523-51	Oil City	1,545	56
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.03	Trees Off Row-Tree	48%	Q1 2024
	SAIDI	6.01	Vehicle	11%	Q2 2024
	SAIFI	3,705.52	Line Failure	9%	Q3 2024
	CAIDI	616.31	All Other	32%	Q4 2024
	Customer Minutes	612,057			
	Customers Affected	2,813			
	Remedial Action Planned or Taken			Status	Progress
	Repair damage caused by trees			Complete	Feb-24
	Overhead circuit inspection			Complete	Jun-24
	Remote sectionalizing project deployed at one site			Complete	Jul-24
	Repair damage caused by trees			Complete	Jul-24
	Add SCADA device			Complete	Sep-24
Tripsaver deployment at one site			Complete	Nov-24	
Rank	Substation	Circuit	District	Customers	Outages
56	Franklin Forks	00737-65	Montrose	161	12
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.01	Line Failure	50%	Q4 2024
	SAIDI	4.11	Trees Off Row-Tree	35%	
	SAIFI	698.86	Vehicle	6%	
	CAIDI	169.98	All Other	9%	
	Customer Minutes	596,589			
	Customers Affected	968			
	Remedial Action Planned or Taken			Status	Progress
	Pole replacement			Complete	Oct-24
Rank	Substation	Circuit	District	Customers	Outages
57	Union City	00239-43	Erie	825	38
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	0.97	Trees Off Row-Tree	45%	Q4 2024
	SAIDI	3.39	Trees Off Row-Limb	21%	
	SAIFI	912.34	Wind	16%	
	CAIDI	269.30	All Other	18%	
	Customer Minutes	576,557			
	Customers Affected	3,392			
	Remedial Action Planned or Taken			Status	Progress
	Remove tree and make repairs			Complete	May-24
LTIIP Line Rehab			To be completed 2025	25%	

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
58	N Meshoppen Tran	00530-65	Montrose	624	38
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	0.96	Trees Off Row-Tree	40%	Q3 2024
	SAIDI	7.37	Line Failure	39%	Q4 2024
	SAIFI	1,688.21	Equipment Failure	9%	
	CAIDI	229.03	All Other	11%	
	Customer Minutes	569,303			
	Customers Affected	2,114			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Replace poles			Complete	Aug-24
	LTIP Conductor replacement			Complete	Nov-24
59	East Hickory	00201-41	Warren	334	23
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	0.95	Trees Off Row-Tree	79%	Q4 2024
	SAIDI	4.30	Line Failure	13%	
	SAIFI	1,129.41	Vehicle	5%	
	CAIDI	262.67	All Other	3%	
	Customer Minutes	563,863			
	Customers Affected	2,462			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by off ROW trees			Complete	Dec-24
60	Laurel Lake Sub Tran	00769-65	Montrose	497	26
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	0.95	Trees Off Row-Tree	90%	Q2 2024
	SAIDI	14.05	Forced Outage	4%	Q3 2024
	SAIFI	5,540.21	Lightning	2%	Q4 2024
	CAIDI	394.33	All Other	3%	
	Customer Minutes	561,317			
	Customers Affected	2,137			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Replace fault indicators			Complete	Sep-24
	Replace pole			To be completed 2025	75%

Penelec					
Rank	Substation	Circuit	District	Customers	Outages
61	Ppl West	PL097-62	Towanda	101	15
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	0.94	Other Electric Utility	97%	Q1 2024
	SAIDI	2.35	Trees Off Row-Tree	2%	Q2 2024
	SAIFI	541.74	Unknown	2%	Q3 2024
	CAIDI	230.93	All Other	0%	Q4 2024
	Customer Minutes	559,561			
	Customers Affected	1,419			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Restore operation due to other electric utility			Complete	Mar-24
	Upgrade transformer			To Be Completed 2024	50%
Rank	Substation	Circuit	District	Customers	Outages
62	North Towanda	00521-62	Towanda	1,032	66
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	0.94	Trees Off Row-Tree	38%	Q2 2024
	SAIDI	415.92	Trees Off Row-Limb	19%	Q3 2024
	SAIFI	2.44	Equipment Failure	12%	Q4 2024
	CAIDI	170.51	All Other	30%	
	Customer Minutes	559,073			
	Customers Affected	2,421			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection			Complete	Jan-24
	Replace poles			Complete	Jun-24
	On cycle tree trimming			Complete	Nov-24

<b>Penelec</b>					
<b>Unranked circuits appearing 2 or more quarters in the last 4 quarters</b>					
<b>Substation</b>	<b>Circuit</b>	<b>3Q 2023</b>	<b>4Q 2023</b>	<b>1Q 2024</b>	<b>2Q 2024</b>
Athens	00514-61	X	X		
Avery	00791-65	X	X		
Bellwood North	00934-22		X	X	
Blairsville East	00080-13	X	X		
Dubois	00124-23	X		X	
East Towanda	00525-62	X	X		
Fairview East	00218-34	X	X	X	
Green Garden	00531-31		X	X	
Lewis Run	00409-42	X	X		
Marienville	00327-51	X	X		
Meshoppen	00283-65	X	X		
Mount Union	00154-82	X	X		
North Warren	00207-41	X	X		
Port Allegany	00151-42	X	X	X	
Rockton Mountain	00138-21	X	X	X	
Rolling Meadows	00249-31	X	X		
Saxton	00625-73		X	X	
Spangler	00052-72		X	X	
Timblin	00103-23	X	X	X	
Union City	00206-43	X	X		
Vail	00647-22	X	X	X	
Warren South	00220-41	X	X	X	

<b>Penelec</b>				
<b>Unranked circuits with remedial actions scheduled to be or recently completed</b>				
<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>
Union City	00206-43	On cycle tree trimming	To be completed 2025	69%
Warren Eddy Sub	00249-31	Install advanced Dx protective devices	Complete	Oct-24
Scalp Level	00932-11	Install advanced Dx protective devices	Complete	Oct-24
Meshoppen	00283-65	Targeted circuit rehab	Complete	Dec-24
Athens	00511-61	Targeted circuit rehab	To be completed 2025	50%
Rockton Mountain	00138-21	On cycle tree trimming	To be completed 2025	39%
Fairview East	00218-34	On cycle tree trimming	To be completed 2025	96%
Rachel Hill	00049-11	On cycle tree trimming	Complete	Oct-24
Blairsville East	00080-13	LTIP - Remote sectionalizing	Complete	Dec-24
Rachel Hill	00049-11	LTIP - Underground conductor improvement	To be completed 2025	50%
Athens	00514-61	Install remote sectionalizers	To be completed 2025	50%
Saxton	00625-73	Install SCADA switch	Complete	Oct-24
Green Garden	00531-31	On cycle tree trimming	To be completed 2025	0%
Strodes Mill	00113-81	On cycle tree trimming	Complete	Oct-24
Spangler	00052-72	On cycle tree trimming	Complete	Nov-24
Port Allegany	00151-42	Replace priority pole	Complete	Oct-24
Marienville	00327-51	LTIP - Underground conductor improvement	Complete	Dec-24

Penn Power						
Rank	Substation	Circuit	District	Customers	Outages	
1	Hartstown	W-126	Clark	2,281	87	
	Chippewa		D-557		Zelienople	
	SAIDI Impact	6.31	Trees Off Row-Tree	84%	Q1 2024	
	SAIDI	485.45	Trees Off Row-Limb	10%	Q2 2024	
	SAIFI	2.24	Animal	3%	Q3 2024	
	CAIDI	217	All Other	4%	Q4 2024	
	Customer Minutes	1,107,308				
	Customers Affected	5,100				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Replace/repair high priority items identified during circuit patrol				Complete	Apr-24
Rank	Substation	Circuit	District	Customers	Outages	
2	Darlington	D-536	Zelienople	1,181	47	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	4.82	Trees Off Row-Tree	95%	Q1 2024	
	SAIDI	716.34	Trees Off Row-Limb	2%	Q3 2024	
	SAIFI	2.58	Animal	1%	Q4 2024	
	CAIDI	278	All Other	2%		
	Customer Minutes	845,995				
	Customers Affected	3,044				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	On cycle tree trimming				Complete	Feb-24
	Overhead circuit inspection				Complete	May-24
Rank	Substation	Circuit	District	Customers	Outages	
3	Castlewood	D-325	New Castle	1,136	33	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	4.64	Vehicle	48%	Q3 2024	
	SAIDI	715.96	Trees Off Row-Tree	40%	Q4 2024	
	SAIFI	2.05	Unknown	9%		
	CAIDI	350	All Other	3%		
	Customer Minutes	813,333				
	Customers Affected	2,326				
	LTIIP CEMI project				Complete	Apr-24

Penn Power					
Rank	Substation	Circuit	District	Customers	Outages
4	Chippewa	D-557	Zelienople	1,323	53
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.45	Trees Off Row-Tree	91%	Q3 2024
	SAIDI	589.99	Forced Outage	3%	Q4 2024
	SAIFI	1.30	Trees Off Row-Limb	2%	
	CAIDI	454	All Other	5%	
	Customer Minutes	780,561			
	Customers Affected	1,718			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIIP CEMI Project			Complete	May-24
Rank	Substation	Circuit	District	Customers	Outages
5	Mercer	W-129	Clark	1,172	52
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	4.41	Trees Off Row-Tree	73%	Q3 2024
	SAIDI	660.01	Trees Off Row-Limb	13%	Q4 2024
	SAIFI	1.68	Vehicle	3%	
	CAIDI	392	All Other	10%	
	Customer Minutes	773,530			
	Customers Affected	1,974			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	LTIIP Remote Sectionalizing			Complete	Mar-24
Rank	Substation	Circuit	District	Customers	Outages
6	Sharpville	W-218	Clark	1,497	36
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.63	Trees Off Row-Tree	48%	Q1 2024
	SAIDI	424.65	Vehicle	26%	Q2 2024
	SAIFI	2.44	Line Failure	24%	Q3 2024
	CAIDI	174	All Other	2%	Q4 2024
	Customer Minutes	635,697			
	Customers Affected	3,647			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Jul-23
	Replace/repair high priority items identified during circuit patrol			Complete	May-24

Penn Power						
Rank	Substation	Circuit	District	Customers	Outages	
7	Mercer	W-167	Clark	1,161	43	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	2.94	Trees Off Row-Tree	41%	Q3 2024	
	SAIDI	444.39	Equipment Failure	21%	Q4 2024	
	SAIFI	1.67	Vehicle	16%		
	CAIDI	265	All Other	21%		
	Customer Minutes	515,935				
	Customers Affected	1,944				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Overhead equipment inspection				Complete	Jan-24
Rank	Substation	Circuit	District	Customers	Outages	
8	Stoneboro	W-131	Clark	1,574	86	
	Mercer		W-128		Clark	
	SAIDI Impact	2.81	Trees Off Row-Tree	55%	Q3 2024	
	SAIDI	312.74	Bird	13%	Q4 2024	
	SAIFI	1.87	Line Failure	12%		
	CAIDI	167	All Other	20%		
	Customer Minutes	492,260				
	Customers Affected	2,943				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Recloser Inspection				Complete	Jul-24
	Overhead circuit inspection				To be completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages	
9	Ray Street	D-389	New Castle	1,221	6	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	2.65	Vehicle	100%	Q4 2024	
	SAIDI	380.42	Human Error -Non-Company	0%		
	SAIFI	1.06	Trees - Sec/Service	0%		
	CAIDI	358	All Other	0%		
	Customer Minutes	464,490				
	Customers Affected	1,297				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Cap bank inspection				Complete	Mar-24

Penn Power						
Rank	Substation	Circuit	District	Customers	Outages	
10	Stoneboro	W-132	Clark	1,069	49	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	2.47	Trees Off Row-Tree	34%	Q4 2024	
	SAIDI	405.91	Line Failure	23%		
	SAIFI	2.45	Trees Off Row-Limb	19%		
	CAIDI	166	All Other	24%		
	Customer Minutes	433,921				
	Customers Affected	2,616				
	Remedial Action Planned or Taken				Status	Progress
	LTIIP Pole Replacement				Complete	Apr-24
	ESSS jobs				Complete	Oct-24

Penn Power					
Unranked circuits appearing 2 or more quarters in the last 4 quarters					
Substation	Circuit	1Q 2024	2Q 2024	3Q 2024	4Q 2024
Camp Reynolds	W-134	X	X		
Conneaut	W-173	X	X		
Mercer	W-128	X	X		
Sharpsville	W-219	X	X		
Richard	W742		X	X	
Mars	D616	X	X		
Wheatland	W-150		X	X	

Penn Power				
Unranked circuits with remedial actions scheduled to be or recently completed				
Substation	Circuit	Remedial Action Planned	Status of Remedial Work	Progress of Remedial Work
Mercer	W-128	Install additional main line recloser	Complete	Oct-24
Koppel	D-531	On cycle tree trimming	To be completed 2025	0%
Perry	W-156	Replace/repair high priority items identified during circuit patrol	Complete	Nov-24

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
1	Iron Bridge	Bridgeport	Pleasant Valley	1,284	24
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.53	Tree OFF Row- Tree	97%	Q1 2024
	SAIDI	1,999.42	Equipment Failure	2%	Q2 2024
	SAIFI	3.09	Line Failure	0%	Q3 2024
	CAIDI	648	All Other	1%	Q4 2024
	Customer Minutes	2,567,253			
	Customers Affected	3,963			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	On cycle tree trimming			Complete	Jul-23
	Recloser Inspection - Counter faded			Complete	Sep-24
	Overhead circuit inspection			To be completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
2	Buena Vista	Chicora	Butler	1,146	27
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	3.20	Trees Off Row-Tree	96%	Q3 2024
	SAIDI	2,030.08	Forced Outage	4%	Q4 2024
	SAIFI	4.03	Line Failure	0%	
	CAIDI	504	All Other	0%	
	Customer Minutes	2,326,473			
	Customers Affected	4,617			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection			Complete	Feb-24
	Underground inspection			Complete	Sep-24
	Rank	Substation	Circuit	District	Customers
3	White Valley	Cloverleaf	Jeannette	2,152	23
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>
	SAIDI Impact	2.42	Trees Off Row-Tree	93%	Q4 2024
	SAIDI	817.54	Trees Off Row-Limb	5%	
	SAIFI	2.38	Line Failure	1%	
	CAIDI	344	All Other	1%	
	Customer Minutes	1,759,347			
	Customers Affected	5,114			
	<b>Remedial Action Planned or Taken</b>			<b>Status</b>	<b>Progress</b>
	Repair damage caused by a tree			Complete	Nov-24

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
4	Weedville	Weedville	St Marys	1,447	37
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	2.23	Trees Off Row-Tree	94%	Q3 2024
	SAIDI	1,121.25	Trees Off Row-Limb	3%	Q4 2024
	SAIFI	2.17	Line Failure	2%	
	CAIDI	516	All Other	2%	
	Customer Minutes	1,622,455			
	Customers Affected	3,146			
	Remedial Action Planned or Taken			Status	Progress
	Repair damage caused by a tree			Complete	May-24
	Repair damage caused by a tree			Complete	Jul-24
	Repair damage caused by a tree			Complete	Oct-24
Rank	Substation	Circuit	District	Customers	Outages
5	Levelgreen	Levelgreen	Jeannette	1,555	38
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	2.16	Trees Off Row-Tree	69%	Q2 2024
	SAIDI	1,010.19	Unknown	22%	Q3 2024
	SAIFI	4.32	Vehicle	5%	Q4 2024
	CAIDI	234	All Other	5%	
	Customer Minutes	1,570,842			
	Customers Affected	6,725			
	Remedial Action Planned or Taken			Status	Progress
	ESSS work requests			Complete	Apr-24
	Install Tollgrade Monitors			Complete	Jul-24
	On cycle tree trimming			To be completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
6	Houston	Weavertown	Washington Pa	2,326	27
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.91	Unknown	61%	Q3 2024
	SAIDI	596.24	Trees On Row	32%	Q4 2024
	SAIFI	3.92	Trees Off Row-Tree	4%	
	CAIDI	152	All Other	3%	
	Customer Minutes	1,386,852			
	Customers Affected	9,116			
	Remedial Action Planned or Taken			Status	Progress
	Underground inspection			Complete	May-24
On cycle tree trimming			To be completed 2025	0%	

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
7	Piney Fork	Stoltz	Charleroi	2,089	23
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.89	Line Failure	62%	Q3 2024
	SAIDI	657.13	Trees Off Row-Tree	15%	Q4 2024
	SAIFI	2.99	Trees Off Row-Limb	10%	
	CAIDI	220	All Other	13%	
	Customer Minutes	1,372,740			
	Customers Affected	6,252			
	Remedial Action Planned or Taken			Status	Progress
	Overhead circuit inspection			Complete	Mar-24
Rank	Substation	Circuit	District	Customers	Outages
8	White Valley	Borlands Rd	Jeannette	1,389	41
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.84	Trees Off Row-Tree	77%	Q2 2024
	SAIDI	964.02	Unknown	19%	Q3 2024
	SAIFI	3.38	Forced Outage	2%	Q4 2024
	CAIDI	285	All Other	2%	
	Customer Minutes	1,339,023			
	Customers Affected	4,693			
	Remedial Action Planned or Taken			Status	Progress
	Overhead Circuit Inspection			Complete	Aug-24
Rank	Substation	Circuit	District	Customers	Outages
9	Finleyville	Gastonville	Charleroi	1,650	36
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.80	Trees Off Row-Tree	30%	Q2 2024
	SAIDI	791.80	Vehicle	28%	Q3 2024
	SAIFI	3.69	Line Failure	22%	Q4 2024
	CAIDI	215	All Other	21%	
	Customer Minutes	1,306,468			
	Customers Affected	6,083			
	Remedial Action Planned or Taken			Status	Progress
	Overhead Thermography Follow-up			Complete	Apr-24
	Overhead circuit inspection			Complete	May-24

West Penn						
Rank	Substation	Circuit	District	Customers	Outages	
10	Ethel Springs	Pandora	Latrobe	1,982	30	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.75	Trees Off Row-Tree	93%	Q1 2024	
	SAIDI	643.97	Equipment Failure	2%	Q2 2024	
	SAIFI	1.77	Line Failure	2%	Q3 2024	
	CAIDI	363	All Other	3%	Q4 2024	
	Customer Minutes	1,276,355				
	Customers Affected	3,516				
	Remedial Action Planned or Taken				Status	Progress
	On cycle tree trimming				Complete	Aug-24
	Install Tollgrade Monitors				Complete	Aug-24
	Overhead circuit inspection				To be completed 2025	0%
	Rank	Substation	Circuit	District	Customers	Outages
11	Normalville	Mill Run	Pleasant Valley	576	27	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.72	Trees Off Row-Tree	81%	Q1 2024	
	SAIDI	2,176.31	Wind	11%	Q2 2024	
	SAIFI	4.07	Line Failure	5%	Q3 2024	
	CAIDI	535	All Other	3%	Q4 2024	
	Customer Minutes	1,253,557				
	Customers Affected	2,343				
	Remedial Action Planned or Taken				Status	Progress
	Post storm circuit patrol				Complete	Jan-24
	Overhead circuit inspection				To be completed 2025	0%
	Rank	Substation	Circuit	District	Customers	Outages
12	Lake Lynn-Unio	Fancy Hill	Uniontown	921	40	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.59	Trees Off Row-Tree	68%	Q3 2024	
	SAIDI	1,252.74	Forced Outage	11%	Q4 2024	
	SAIFI	2.75	Trees Off Row-Limb	10%		
	CAIDI	456	All Other	12%		
	Customer Minutes	1,153,778				
	Customers Affected	2,529				
	Remedial Action Planned or Taken				Status	Progress
	Overhead circuit inspection				Complete	Aug-24
	On cycle tree trimming				To be completed 2025	0%

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
13	Dry Run	Town	Charleroi	1,807	15
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.55	Trees Off Row-Tree	82%	Q3 2024
	SAIDI	625.56	Vehicle	15%	Q4 2024
	SAIFI	3.29	Equipment Failure	2%	
	CAIDI	190	All Other	1%	
	Customer Minutes	1,130,393			
	Customers Affected	5,938			
	Remedial Action Planned or Taken			Status	Progress
	Repair damage caused by a tree			Complete	Jul-24
	Overhead circuit inspection			To be completed 2025	0%
	On cycle tree trimming			To be completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
14	Franklin (Wpp)	South Waynesburg	Jefferson	2,061	46
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.55	Object Contact With Line	48%	Q1 2024
	SAIDI	547.45	Trees Off Row-Tree	48%	Q2 2024
	SAIFI	1.86	Forced Outage	1%	Q3 2024
	CAIDI	294	All Other	2%	Q4 2024
	Customer Minutes	1,128,304			
	Customers Affected	3,840			
	Remedial Action Planned or Taken			Status	Progress
	Overhead Circuit Inspection			Complete	Sep-24
	Franklin SS LTIP			Complete	Sep-24
	ESSS work requests			Complete	Nov-24
Rank	Substation	Circuit	District	Customers	Outages
15	White Valley	Congruity	Jeannette	1,726	71
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.54	Trees Off Row-Tree	49%	Q2 2024
	SAIDI	650.46	Unknown	17%	Q3 2024
	SAIFI	2.33	Trees Off Row-Limb	14%	Q4 2024
	CAIDI	279	All Other	19%	
	Customer Minutes	1,122,694			
	Customers Affected	4,026			
	Remedial Action Planned or Taken			Status	Progress
	On cycle tree trimming			To Be Completed 2024	91%
Overhead circuit inspection			To Be Completed 2025	0%	

West Penn						
Rank	Substation	Circuit	District	Customers	Outages	
16	Shaffers Corner	Braeburn	Arnold	1,389	28	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	1.50	Trees Off Row-Tree	81%	Q4 2024	
	SAIDI	784.76	Equipment Failure	10%		
	SAIFI	2.05	Line Failure	7%		
	CAIDI	383	All Other	1%		
	Customer Minutes	1,090,029				
	Customers Affected	2,849				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Repair damage caused by a tree				Complete	Dec-24
Rank	Substation	Circuit	District	Customers	Outages	
17	Saltsburg	Bell Township	Arnold	754	36	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	1.49	Trees Off Row-Tree	84%	Q3 2024	
	SAIDI	1,433.53	Forced Outage	11%	Q4 2024	
	SAIFI	3.19	Unknown	4%		
	CAIDI	449	All Other	1%		
	Customer Minutes	1,080,885				
	Customers Affected	2,407				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	ESSS work requests				Complete	Aug-24
Rank	Substation	Circuit	District	Customers	Outages	
18	Murrycrest	Sardis Road	Jeannette	1,488	43	
	SAIDI Impact		1.30		Trees Off Row-Tree	
	SAIDI Impact	1.48	Trees Off Row-Tree	91%	Q1 2024	
	SAIDI	723.92	Line Failure	3%	Q2 2024	
	SAIFI	3.31	Trees Off Row-Limb	3%	Q3 2024	
	CAIDI	219	All Other	3%	Q4 2024	
	Customer Minutes	1,077,199				
	Customers Affected	4,918				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection				Complete	Mar-24
	ESSS Work - replace damaged arrestor and burnt wire				Complete	Sep-24

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
19	North Fayette	Tyre	Boyce	1,938	40
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.41	Trees Off Row-Tree	92%	Q4 2024
	SAIDI	530.07	Wind	5%	
	SAIFI	1.65	Forced Outage	1%	
	CAIDI	321	All Other	2%	
	Customer Minutes	1,027,275			
	Customers Affected	3,196			
	Remedial Action Planned or Taken			Status	Progress
	Overhead circuit inspection			Complete	Nov-24
	Rank	Substation	Circuit	District	Customers
20	Bethlen	Laughlintown	Latrobe	1,094	66
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.39	Trees Off Row-Tree	86%	Q1 2024
	SAIDI	924.55	Unknown	6%	Q2 2024
	SAIFI	2.88	Line Failure	4%	Q3 2024
	CAIDI	321	All Other	4%	Q4 2024
	Customer Minutes	1,011,459			
	Customers Affected	3,152			
	Remedial Action Planned or Taken			Status	Progress
	ESSS work requests			Complete	Jan-24
	Forestry work			Complete	Mar-24
	Line Rehab (LTIP)			Complete	Feb-24
Overhead circuit inspection			To be completed 2025	0%	
Rank	Substation	Circuit	District	Customers	Outages
21	Parker	Parker	Butler	928	35
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.35	Trees Off Row-Tree	62%	Q3 2024
	SAIDI	1,060.45	Equipment Failure	17%	Q4 2024
	SAIFI	3.01	Trees Off Row-Limb	10%	
	CAIDI	352	All Other	11%	
	Customer Minutes	984,096			
	Customers Affected	2,792			
Remedial Action Planned or Taken			Status	Progress	
Infrared inspection			Complete	Oct-23	

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
22	Hickory	Fort Cherry	Washington Pa	1,060	36
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.35	Trees Off Row-Tree	74%	Q2 2024
	SAIDI	926.86	Line Failure	20%	Q3 2024
	SAIFI	3.86	Forced Outage	3%	Q4 2024
	CAIDI	240	All Other	3%	
	Customer Minutes	982,469			
	Customers Affected	4,090			
	Remedial Action Planned or Taken			Status	Progress
	Replace capacitor banks			Complete	Mar-24
	2024 PAIR pole replacement			Complete	Sep-24
	On cycle tree trimming			To be completed 2025	0%
	Rank	Substation	Circuit	District	Customers
23	Rutan	New Freeport	Jefferson	701	35
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.34	Trees Off Row-Tree	55%	Q3 2024
	SAIDI	1,386.48	Forced Outage	20%	Q4 2024
	SAIFI	3.70	Vehicle	17%	
	CAIDI	374	All Other	8%	
	Customer Minutes	971,923			
	Customers Affected	2,596			
	Remedial Action Planned or Taken			Status	Progress
	Repair damage caused by a tree			Complete	Sep-24
	Overhead circuit inspection			To be completed 2025	0%
	Underground inspection			To be completed 2025	0%
	Rank	Substation	Circuit	District	Customers
24	North Washington	Poke Run	Arnold	1,222	59
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.33	Trees Off Row-Tree	78%	Q2 2024
	SAIDI	791.03	Unknown	11%	Q3 2024
	SAIFI	2.71	Trees Off Row-Limb	4%	Q4 2024
	CAIDI	292	All Other	7%	
	Customer Minutes	966,644			
	Customers Affected	3,306			
	Remedial Action Planned or Taken			Status	Progress
	Overhead circuit inspection			Complete	Mar-24

West Penn						
Rank	Substation	Circuit	District	Customers	Outages	
25	Iron Bridge	Mt Pleasant	Pleasant Valley	1,109	18	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.31	Trees Off Row-Tree	89%	Q1 2024	
	SAIDI	858.55	Unknown	10%	Q2 2024	
	SAIFI	2.10	Equipment Failure	1%	Q3 2024	
	CAIDI	410	All Other	1%	Q4 2024	
	Customer Minutes	952,137				
	Customers Affected	2,324				
	Remedial Action Planned or Taken				Status	Progress
	Post storm circuit patrol				Complete	Jan-24
	Overhead circuit inspection				Complete	Mar-24
	On cycle tree trimming				Complete	Oct-24
	Rank	Substation	Circuit	District	Customers	Outages
26	Harrison City	Claridge	Jeannette	2,326	37	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.28	Trees Off Row-Limb	38%	Q4 2024	
	SAIDI	400.05	Forced Outage	24%		
	SAIFI	1.93	Trees Off Row-Tree	18%		
	CAIDI	207	All Other	20%		
	Customer Minutes	930,516				
	Customers Affected	4,485				
	Remedial Action Planned or Taken				Status	Progress
	Repair damage caused by a tree				Complete	Jun-24
	Forced outage to make repair				Complete	Nov-24
Rank	Substation	Circuit	District	Customers	Outages	
27	Bethelboro	Coolspring	Uniontown	1,450	32	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.27	Trees Off Row-Tree	70%	Q1 2024	
	SAIDI	639.12	Wind	26%	Q2 2024	
	SAIFI	2.34	Unknown	2%	Q3 2024	
	CAIDI	274	All Other	2%	Q4 2024	
	Customer Minutes	926,727				
	Customers Affected	3,387				
	Remedial Action Planned or Taken				Status	Progress
	ESSS work requests				Complete	Feb-24

West Penn						
Rank	Substation	Circuit	District	Customers	Outages	
28	Smithton	Smithton	Charleroi	982	25	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.26	Trees Off Row-Tree	67%	Q3 2024	
	SAIDI	931.68	Unknown	21%	Q4 2024	
	SAIFI	2.62	Line Failure	5%		
	CAIDI	356	All Other	6%		
	Customer Minutes	914,905				
	Customers Affected	2,573				
	Remedial Action Planned or Taken				Status	Progress
	Underground inspection				Complete	Apr-24
	Rank	Substation	Circuit	District	Customers	Outages
29	Penn Trafford	Pleasant Valley	Jeannette	869	20	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.22	Trees Off Row-Tree	85%	Q2 2024	
	SAIDI	1,024.98	Unknown	10%	Q3 2024	
	SAIFI	3.40	Forced Outage	2%	Q4 2024	
	CAIDI	302	All Other	3%		
	Customer Minutes	890,709				
	Customers Affected	2,952				
	Remedial Action Planned or Taken				Status	Progress
	On cycle tree trimming				To Be Completed 2024	25%
	Overhead circuit inspection				To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages	
30	Lardin	Grays Landing	Uniontown	1,035	50	
	Reliability		Outage by Cause		Previously Ranked	
	SAIDI Impact	1.22	Trees Off Row-Tree	71%	Q3 2024	
	SAIDI	858.96	Unknown	16%	Q4 2024	
	SAIFI	1.62	Wind	5%		
	CAIDI	529	All Other	7%		
	Customer Minutes	889,028				
	Customers Affected	1,681				
	Remedial Action Planned or Taken				Status	Progress
	Install Tollgrade Monitors				Complete	Mar-24
	ESSS work requests				Complete	May-24

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
31	Mackeyville	Salona	State College	768	14
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.14	Trees Off Row-Tree	99%	Q3 2024
	SAIDI	1,083.37	Unknown	0%	Q4 2024
	SAIFI	1.95	Equipment Failure	0%	
	CAIDI	556	All Other	0%	
	Customer Minutes	832,026			
	Customers Affected	1,497			
	Remedial Action Planned or Taken		Status	Progress	
	Overhead Circuit Inspection			Complete	Feb-24
	ESSS work request			Complete	Apr-24
	Repair damage caused by a tree			Complete	Jul-24
	On cycle tree trimming			To Be Completed 2025	0%
	Rank	Substation	Circuit	District	Customers
32	Donegal	Bear Rocks	Pleasant Valley	1,279	56
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.13	Trees Off Row-Tree	68%	Q4 2024
	SAIDI	644.29	Trees Off Row-Limb	23%	
	SAIFI	2.40	Line Failure	4%	
	CAIDI	269	All Other	5%	
	Customer Minutes	824,051			
	Customers Affected	3,067			
	Remedial Action Planned or Taken		Status	Progress	
	Overhead circuit inspection			To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages
33	Iron Bridge	Alverton	Pleasant Valley	696	20
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.13	Equipment Failure	48%	Q1 2024
	SAIDI	1,183.34	Trees Off Row-Tree	25%	Q2 2024
	SAIFI	2.26	Line Failure	25%	Q3 2024
	CAIDI	523	All Other	3%	Q4 2024
	Customer Minutes	823,608			
	Customers Affected	1,576			
	Remedial Action Planned or Taken		Status	Progress	
	On cycle tree trimming			Complete	Oct-24
Overhead circuit inspection			To Be Completed 2025	0%	

West Penn						
Rank	Substation	Circuit	District	Customers	Outages	
34	Donegal	Champion	Pleasant Valley	1,184	41	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	1.13	Trees Off Row-Tree	58%	Q4 2024	
	SAIDI	691.25	Equipment Failure	23%		
	SAIFI	3.24	Vehicle	13%		
	CAIDI	214	All Other	6%		
	Customer Minutes	818,445				
	Customers Affected	3,833				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection				To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages	
35	Rutan	Bristoria	Jefferson	407	25	
	Rutan		Bristoria		Jefferson	
	SAIDI Impact	1.10	Trees Off Row-Tree	75%	Q1 2024	
	SAIDI	1,970.08	Equipment Failure	13%	Q2 2024	
	SAIFI	4.90	Line Failure	6%	Q3 2024	
	CAIDI	402	All Other	6%	Q4 2024	
	Customer Minutes	801,821				
	Customers Affected	1,993				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection				To Be Completed 2025	0%
Rank	Substation	Circuit	District	Customers	Outages	
36	Lardin	Edenborn	Uniontown	1,390	21	
	<b>Reliability</b>		<b>Outage by Cause</b>		<b>Previously Ranked</b>	
	SAIDI Impact	1.10	Trees Off Row-Tree	68%	Q4 2024	
	SAIDI	576.00	Unknown	30%		
	SAIFI	1.58	Trees Off Row-Limb	2%		
	CAIDI	365	All Other	0%		
	Customer Minutes	800,646				
	Customers Affected	2,191				
	<b>Remedial Action Planned or Taken</b>				<b>Status</b>	<b>Progress</b>
	Overhead circuit inspection				Complete	Oct-24
	On cycle tree trimming				To Be Completed 2025	0%

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
37	Hempfield	Cool Valley	Jeannette	1,205	14
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.08	Equipment Failure	47%	Q4 2024
	SAIDI	652.31	Line Failure	36%	
	SAIFI	2.45	Trees Off Row-Tree	15%	
	CAIDI	266	All Other	3%	
	Customer Minutes	786,036			
	Customers Affected	2,951			
	Remedial Action Planned or Taken			Status	Progress
	Repair equipment failure			Complete	Dec-24
Rank	Substation	Circuit	District	Customers	Outages
38	Roundhill	Roundhill	Charleroi	952	35
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.07	Trees Off Row-Tree	34%	Q2 2024
	SAIDI	816.07	Lightning	24%	Q4 2024
	SAIFI	3.55	Line Failure	22%	
	CAIDI	230	All Other	20%	
	Customer Minutes	776,897			
	Customers Affected	3,379			
	Remedial Action Planned or Taken			Status	Progress
	Overhead Thermography Follow-up			Complete	Mar-24
On cycle tree trimming			To Be Completed 2025	47%	
Rank	Substation	Circuit	District	Customers	Outages
39	Waterville	Waterville	State College	363	20
	SAIDI Impact		1.12		Trees Off Row-Tree
	SAIDI Impact	1.04	Wind	49%	Q1 2024
	SAIDI	2,081.37	Trees Off Row-Tree	37%	Q2 2024
	SAIFI	5.66	Unknown	7%	Q3 2024
	CAIDI	367	All Other	7%	Q4 2024
	Customer Minutes	755,537			
	Customers Affected	2,056			
	Remedial Action Planned or Taken			Status	Progress
	Underground inspection			Complete	Feb-24
Restore outage caused by other electric utility			Complete	Jan-24	
Restore outage caused by other electric utility			Complete	Apr-24	
Restore outage caused by other electric utility			Complete	Aug-24	
Mid-cycle overhead inspection			Complete	Aug-24	
On cycle tree trimming			To Be Completed 2025	0%	

West Penn					
Rank	Substation	Circuit	District	Customers	Outages
40	Dutch Fork	Claysville	Washington Pa	1,642	66
	Reliability		Outage by Cause		Previously Ranked
	SAIDI Impact	1.03	Unknown	47%	Q1 2024
	SAIDI	458.21	Trees Off Row-Tree	35%	Q2 2024
	SAIFI	2.61	Wind	3%	Q4 2024
	CAIDI	176	All Other	15%	
	Customer Minutes	752,377			
	Customers Affected	4,285			
	Remedial Action Planned or Taken			Status	Progress
	PAIR pole replacement			Complete	Nov-24

West Penn					
Unranked circuits appearing 2 or more quarters in the last 4 quarters					
Substation	Circuit	1Q 2024	2Q 2024	3Q 2024	4Q 2024
Amity	Amity	X	X		
Amity	Banetown	X	X		
Bentleyville	Ellsworth		X	X	
Brave	Spragg	X	X		
Charleroi	Warner	X	X		
Connellsville	West Side	X	X		
Driftwood	Driftwood	X	X		
Emporium	Emporium Jct	X		X	
Footedale	Footedale	X	X		
Houston	Mcgovern	X	X	X	
Kane	Russell City	X	X		
Normalville	Indianhead	X	X		
North Fayette	Oakdale		X	X	
Pangburn Hill	Pangburn Hill	X	X		
Peters	Mcmurray	X	X		
Piney Fork	Knothole	X	X		
Smith	Florence	X	X		
Vanceville	Vanceville	X	X	X	

<b>West Penn</b>				
<b>Unranked circuits with remedial actions scheduled to be or recently completed</b>				
<b>Substation</b>	<b>Circuit</b>	<b>Remedial Action Planned or Taken</b>	<b>Status of Remedial Work Completed</b>	<b>Progress of Remedial Work or Date Completed</b>
Houston	McGovern	On cycle tree trimming	Complete	Nov-24
Charleroi	Warner	On cycle tree trimming	Complete	Nov-24
Crossgates	Peters Twp	LTIP - Install circuit tie	Complete	Oct-24

*Pursuant to Docket Nos. D-2014-2365991, D-2014-2365992, D-2014-2365993, and D-2014-2365994, (Appendix A)(3): The Company is directed to track and measure line hit incidents, causes of line hits, and damage recovery amounts for all third-party line hit incidents for each Rate District.*

<b>Met-Ed –Third Party Line Hit Incidents</b>			
<b>4th Quarter 2024 12-Month Rolling</b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount (\$)</b>	<b>Recovery Amount (\$)</b>
Dig In - Other	25	\$32,064.96	\$5,972.15
Excavated in Tolerance	10	\$13,770.29	\$1,702.49
Excavation Inconsistent with Ticket Scope	2	\$2,197.43	\$0.00
Excavation Prior to Lawful Start Date	1	\$1,256.71	\$1,256.71
Expired Ticket	2	\$1,572.36	\$1,572.36
Hand Digging			
Marked Improperly	6	\$6,889.07	\$6,743.11
No Ticket	12	\$14,624.57	\$5,150.09
<b>Total</b>	<b>58</b>	<b>\$72,375.39</b>	<b>\$22,396.91</b>

<b>Penelec – Third Party Line Hit Incidents</b>			
<b>4th Quarter 2024 12-Month Rolling</b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount (\$)</b>	<b>Recovery Amount (\$)</b>
Dig In - Other	63	\$61,935.95	\$11,825.65
Excavated in Tolerance	29	\$44,088.29	\$6,185.55
Excavation Inconsistent with Ticket Scope	1	\$9,032.55	\$0.00
Excavation Prior to Lawful Start Date			
Expired Ticket	1	\$1,889.62	\$0.00
Hand Digging			
Marked Improperly	14	\$62,387.22	\$20,321.70
No Ticket	21	\$22,305.84	\$7,573.29
<b>Total</b>	<b>129</b>	<b>\$201,639.47</b>	<b>\$45,906.19</b>

<b>Penn Power – Third Party Line Hit Incidents</b>			
<b>4th Quarter 2024 12-Month Rolling</b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount (\$)</b>	<b>Recovery Amount (\$)</b>
Dig In - Other	24	\$87,018.54	\$24,230.43
Excavated in Tolerance	6	\$20,556.48	\$3,076.43
Excavation Inconsistent with Ticket Scope			
Excavation Prior to Lawful Start Date	1	\$8,109.46	\$8,109.46
Expired Ticket			
Hand Digging			
Marked Improperly	3	\$9,480.37	\$9,480.37
No Ticket	10	\$11,108.15	\$1,851.01
<b>Total</b>	<b>44</b>	<b>\$136,273.00</b>	<b>\$46,747.70</b>

<b>West Penn – Third Party Line Hit Incidents</b>			
<b>4th Quarter 2024 12-Month Rolling</b>			
<b>Cause of Line Hit</b>	<b>Number of Incidents</b>	<b>Invoice Amount (\$)</b>	<b>Recovery Amount (\$)</b>
Dig In - Other	48	\$105,606.08	\$42,779.22
Excavated in Tolerance	10	\$16,633.69	\$1,580.13
Excavation Inconsistent with Ticket Scope			
Excavation Prior to Lawful Start Date	1	\$702.01	\$0.00
Expired Ticket	4	\$7,879.52	\$0.00
Hand Digging			
Marked Improperly	3	\$9,326.28	\$4,714.64
No Ticket	14	\$31,878.85	\$9,117.45
<b>Total</b>	<b>80</b>	<b>\$172,026.43</b>	<b>\$58,191.44</b>

<b>Cause of Line Hit</b>	<b>Definition</b>
Dig In - Other	Still under investigation
Excavated in Tolerance	Excavator didn't use prudent digging techniques within the Tolerance Zone
Excavation Inconsistent with Ticket Scope	Excavation outside dig box and/or scope of ticket
Excavation Prior to Lawful Start Date	Three business days prior to start of excavation from when the ticket was called in to mark
Expired Ticket	After ten business days have passed, the ticket is considered expired
Hand Digging	Excavator was hand digging within the Tolerance Zone, however the facility was still hit
Marked Improperly	Ticket called in, facility and/or equipment was not marked properly
No Ticket	No contact was made to create a dig-request ticket