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October 7, 2024

**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: Completed Restoration of Momentary and Sustained Interruptions –  
FirstEnergy Pennsylvania Electric Company; Docket No. M-2021-3023564***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, FirstEnergy Pennsylvania Electric Company on behalf of West Penn Rate District (“West Penn”) submits written notification of completed restoration efforts following storm conditions that began on September 21, 2024 that caused multiple service interruptions in the West Penn service territory.

Attached please find the details relative to the impact of this recent outage event and the restoration activities that took place. It should be noted that the review and approval process of this outage information is still in progress at the time of filing this report and as such, all outage information contained in this report should be considered preliminary.

If you have any questions, please contact me at (610) 212-8331.

Sincerely,



Darsh Singh

Enclosures

c: Dan Searfoorce - PaPUC Bureau of Technical Utility Services (via electronic mail)  
Derek Ruhl - PaPUC Bureau of Technical Utility Services (via electronic mail)  
John Van Zant - PaPUC Bureau of Technical Utility Services (via electronic mail)

ELECTRIC UTILITY REPORT OF OUTAGE TO  
PENNSYLVANIA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU  
P O BOX 3265  
HARRISBURG, PA 17105-3265

1. Reporting Utility: FirstEnergy Pennsylvania Electric Company ("FE PA")  
on behalf of West Penn Rate District ("West Penn")  
Address: 800 Cabin Hill Drive  
Greensburg, PA 15601

2. Name and title of person making report:

John Hawkins  
*(Name)*

President Pennsylvania  
*(Title)*

3. Telephone number: (330) 384-4795  
*(Telephone Number)*

4. Date and time report was made to Commission:

September 21, 2024  
*(Date)*

2032  
*(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 5,983 (Represents 0.8% of West Penn's total customers).

(b) Approximate number of outage cases and trouble cases for each county affected during event: See response to 5(c)

- (c) Approximate number of outages for each county affected during the event:

County	Outages	Outage Cases	Trouble Cases
Allegheny	45	5	7
Armstrong	4	2	5
Butler	111	7	7
Cameron	42	1	0
Centre	131	8	9
Fayette	2,760	54	41
Franklin	49	5	3
Greene	2,277	8	11
Washington	137	9	12
Westmoreland	427	20	30
<b>Total</b>	<b>5,983</b>	<b>119</b>	<b>125</b>

- (d) Approximate number of outage cases exceeding 6 or more hours in duration: 59

- (e) A listing of each outage case exceeding 6 or more hours in duration: See Attachment A.

- (f) Reason for the interruption or outages: Beginning the afternoon of Saturday, September 21, 2024, scattered storms moved through Pennsylvania including the West Penn service territory. The storms produced precipitation and high winds of approximately 40 miles per hour. See Attachment B for the maximum wind gusts and the 24-hour total precipitation for September 21, 2024.

Damage as a result of the storms included downed wires, and damaged and broken poles, trees, and branches. The Uniontown region was the hardest hit area. Approximately 52.9% of the total outages that occurred were tree related and an additional 24.4% were equipment and line failure related.

Preliminary data indicates the reliability impact of the storm was 4.4 minutes of SAIDI, 0.01 of SAIFI, and an overall storm CAIDI of 530.95 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1300 on Monday, September 23, 2024.

See Attachment C for the restoration curve and Attachment D for the order restoration graphs.

- (h) The number of utility workers, contract workers, and workers received as mutual aid assigned specifically to the repair work by general function:

<b>Company</b>	<b># of Workers</b>	<b>General Function</b>
West Penn	89	Line Workers
<b>Subtotal</b>	<b>89</b>	<b>Line Workers</b>
Asplundh Tree Expert, LLC	23	Forestry Contractors
Penn Line Service, Inc.	12	Forestry Contractors
Townsend Tree Service	10	Forestry Contractors
<b>Subtotal</b>	<b>45</b>	<b>Forestry Contractors</b>
FirstEnergy Service Company	4	Supporting Roles
<b>Subtotal</b>	<b>4</b>	<b>Supporting Roles</b>
<b>Grand Total</b>	<b>138</b>	

- (i) The date and time of the first information of a service interruption: September 21, 2024 at 1325.
- (j) The date and time that repair crews were assembled: September 21, 2024 at 1400.
- (k) The actual time that service was restored to the last affected customer: September 23, 2024 at 1712.

- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans	46
Secondary Spans	6
Crossarms Replaced	5
Cutouts Replaced	20
Poles Replaced	11
Transformers Replaced	12
Wire & Cable Replaced (feet)	10,594

- (m) If the interruption/outage event was weather-related, the utility’s weather reports, outlooks, or scenarios for the day before and the day of the interruption/outage event:

See Attachment E for the weather forecast report.

- (n) If the interruption/outage event caused approximate outages that exceed 10% or more of the number of customers in the utility’s entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events.

The outages that were a result of this event did not exceed 10% or more of customers in the utility’s entire service territory.

Remarks: The storm statistics contained in this report are preliminary. The review and approval of the storm statistics were still in progress as of the time this report was filed.

**Attachment A: A listing of each outage case exceeding six or more hours in duration, including the following information<sup>1</sup>:**

<b>Order #</b>	<b>Approximate Location (County)</b>	<b>Total Number of Customers Affected</b>	<b>Duration of the Outage (minutes)</b>	<b>Initial Date and Time of the Outage</b>	<b>Restoration Date and Time</b>
723070	Fayette	6	3,006	09/21/2024 1506	09/23/2024 1712
722384	Fayette	2	3,004	09/21/2024 1506	09/23/2024 1710
722873	Fayette	1	2,898	09/21/2024 1506	09/23/2024 1524
721589	Fayette	12	2,860	09/21/2024 1459	09/23/2024 1439
721105	Fayette	4	2,725	09/21/2024 1514	09/23/2024 1239
722141	Fayette	3	2,674	09/21/2024 1534	09/23/2024 1208
722329	Fayette	25	2,166	09/21/2024 1504	09/23/2024 0310
720978	Greene	2	1,973	09/21/2024 1436	09/22/2024 2329
721712	Greene	7	1,708	09/21/2024 1437	09/22/2024 1905
721032	Fayette	64	1,692	09/21/2024 1458	09/22/2024 1910
721731	Fayette	20	1,642	09/21/2024 1456	09/22/2024 1818
721418	Fayette	2	1,623	09/21/2024 1509	09/22/2024 1812
721954	Fayette	11	1,586	09/21/2024 1451	09/22/2024 1717
722829	Fayette	4	1,580	09/22/2024 0850	09/23/2024 1110
721491	Fayette	51	1,563	09/21/2024 1504	09/22/2024 1707
721415	Fayette	68	1,531	09/21/2024 1509	09/22/2024 1640
722239	Fayette	3	1,524	09/21/2024 1451	09/22/2024 1615
721590	Fayette	36	1,456	09/21/2024 1451	09/22/2024 1507
722367	Fayette	77	1,446	09/21/2024 1812	09/22/2024 1818
722140	Fayette	40	1,366	09/21/2024 1501	09/22/2024 1347
721565	Fayette	3	1,365	09/21/2024 1505	09/22/2024 1350
721447	Fayette	7	1,362	09/21/2024 1525	09/22/2024 1407
721448	Fayette	9	1,306	09/21/2024 1509	09/22/2024 1255
721619	Fayette	198	1,264	09/21/2024 1506	09/22/2024 1210
721419	Fayette	198	1,256	09/21/2024 1514	09/22/2024 1210
720957	Washington	7	1,250	09/21/2024 1340	09/22/2024 1030
721365	Fayette	1	1,232	09/21/2024 1749	09/22/2024 1421
721028	Fayette	29	1,207	09/21/2024 1451	09/22/2024 1058
721045	Fayette	46	1,192	09/21/2024 1500	09/22/2024 1052
721592	Fayette	9	1,163	09/21/2024 1507	09/22/2024 1030
721536	Fayette	100	1,116	09/21/2024 1514	09/22/2024 0950
721650	Fayette	1	1,115	09/21/2024 2045	09/22/2024 1520

<sup>1</sup> When applicable, the individual restoration steps for an order are provided for those customers that were out of service for 6 hours or more.

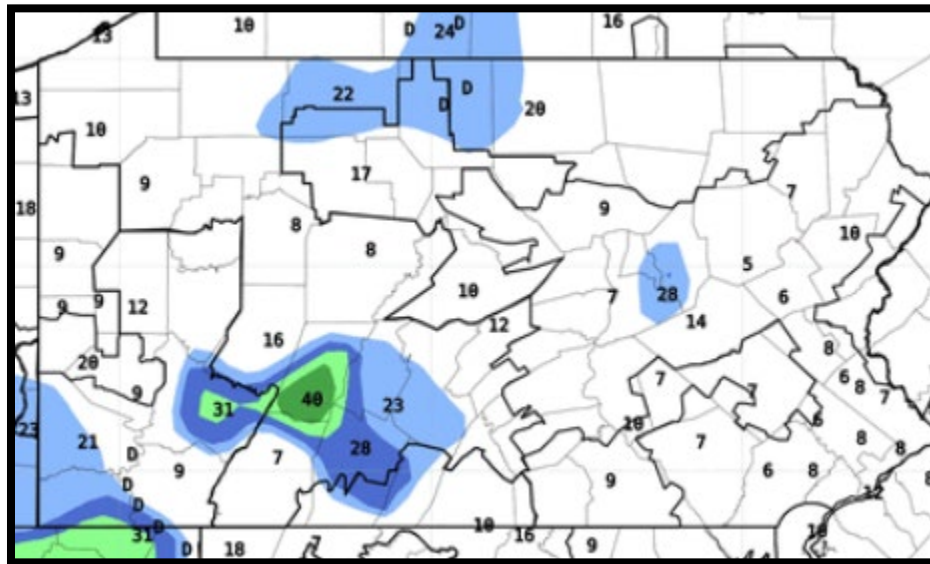
West Penn Rate District Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
721130	Fayette	2	1,112	09/21/2024 1520	09/22/2024 0952
721566	Fayette	13	1,091	09/21/2024 2018	09/22/2024 1429
721573	Fayette	32	1,049	09/21/2024 1504	09/22/2024 0833
721568	Fayette	2	1,032	09/21/2024 2019	09/22/2024 1331
721572	Fayette	15	971	09/21/2024 2021	09/22/2024 1232
722402	Centre	5	946	09/22/2024 1944	09/23/2024 1130
722399	Centre	17	946	09/22/2024 1944	09/23/2024 1130
721976	Washington	6	896	09/21/2024 2254	09/22/2024 1350
721940	Fayette	26	892	09/21/2024 1451	09/22/2024 0543
721021	Fayette	18	892	09/21/2024 1451	09/22/2024 0543
721886	Fayette	14	649	09/21/2024 1456	09/22/2024 0145
721535	Fayette	24	557	09/21/2024 1513	09/22/2024 0030
722481	Centre	102	527	09/23/2024 0243	09/23/2024 1130
721711	Greene	8	513	09/21/2024 1437	09/21/2024 2310
722004	Greene	3	477	09/22/2024 0628	09/22/2024 1425
721720	Greene	6	466	09/21/2024 1828	09/22/2024 0214
721740	Fayette	5	456	09/21/2024 1501	09/21/2024 2237
720978	Greene	632	450	09/21/2024 1436	09/21/2024 2206
720982	Greene	1,618	449	09/21/2024 1437	09/21/2024 2206
721773	Washington	7	446	09/21/2024 2254	09/22/2024 0620
721774	Washington	5	446	09/21/2024 2254	09/22/2024 0620
721616	Fayette	24	439	09/21/2024 1456	09/21/2024 2215
722254	Franklin	11	414	09/22/2024 0811	09/22/2024 1505
722621	Greene	1	403	09/23/2024 0906	09/23/2024 1549
722062	Westmoreland	1	392	09/22/2024 0844	09/22/2024 1516
722240	Cameron	42	388	09/22/2024 1509	09/22/2024 2137
722242	Westmoreland	5	383	09/22/2024 0955	09/22/2024 1618

**Attachment B: Wind and Precipitation Reports**

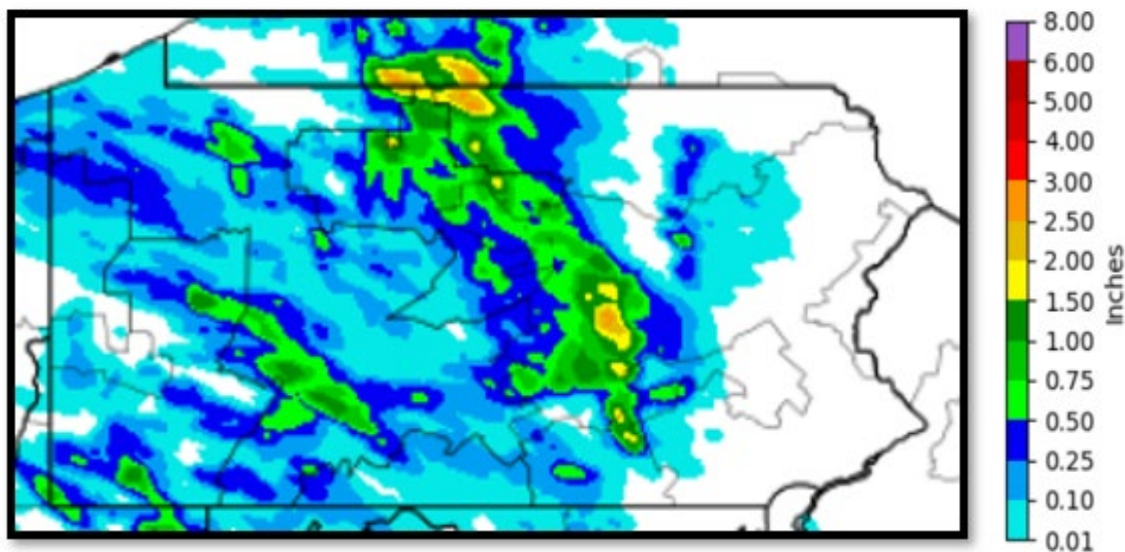
**Wind & Precipitation Reports:** Graphic 1 illustrates the maximum wind gusts in the West Penn service territory on Saturday, September 21, 2024. Graphic 2 illustrates the 24-Hour Total Precipitation in the West Penn service territory on Saturday, September 21, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

**Graphic 1: Maximum Wind Gusts – Saturday, September 21, 2024**

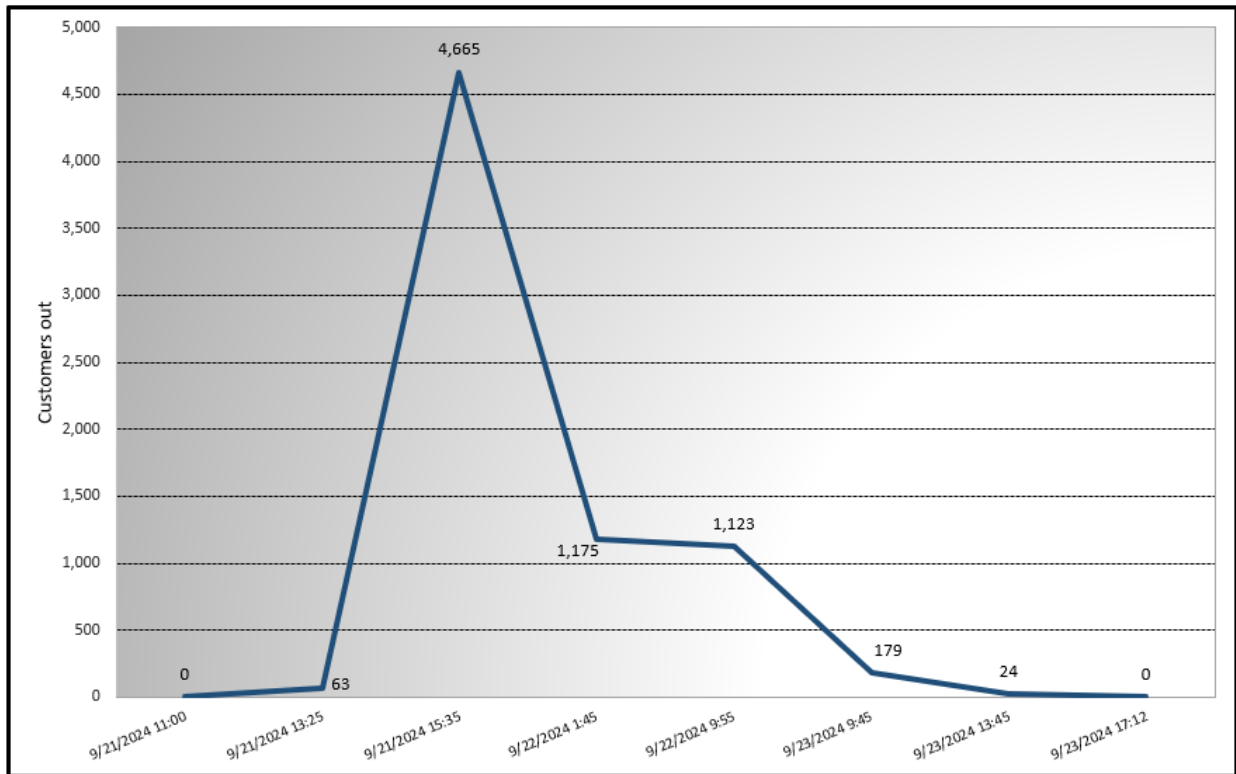


**Graphic 2: 24-Hour Total Precipitation – Saturday, September 21, 2024**

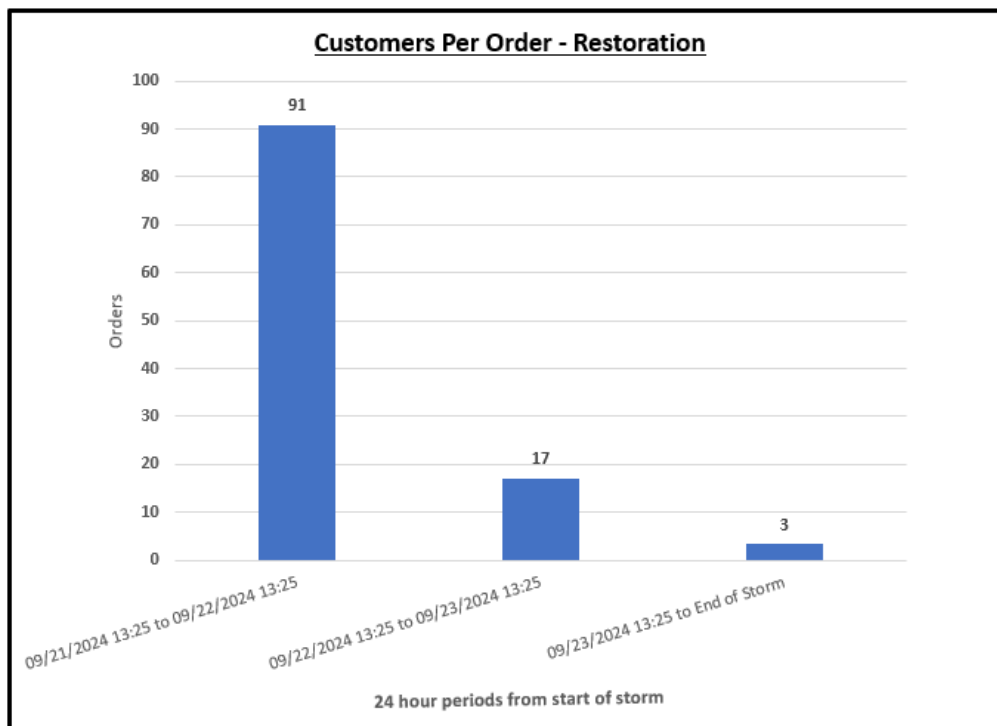
24 Hour Total Precipitation (Liquid Equivalent) for 20240921 from NOAA StageIV  
\*\*DATA IS PRELIMINARY\*\*



**Attachment C: Restoration Curve**



**Attachment D: Order Restoration Graphs**



**Attachment E: Meteorologist Report**

**Saturday, September 21, 2024 @ 0900**

**New Issuance:**

One time issuance for Saturday, as scattered storms are expected to develop across areas of central FE this afternoon and evening. A few of these storms may become strong or severe, capable of a few pockets of damaging gusts across the area.

See graphic below for more information.

