

July 25, 2024

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd 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 July 10, 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:

Scott Wyman
(Name)

Vice President, Operations - PA Operations
(Title)

3. Telephone number: (814)-449-9308
(Telephone Number)

4. Date and time report was made to Commission:

July 10, 2024
(Date)

0739
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 28,093 (Represents 3.9% 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	4,214	25	45
Armstrong	4,985	30	32
Bedford	9	3	6
Butler	2,346	28	47
Cameron	43	2	1
Centre	55	9	5
Clarion	2	2	5
Clinton	10	2	2
Fayette	1,839	31	39
Franklin	75	7	13
Fulton	42	3	4
Greene	640	15	11
Washington	6,653	67	94
Westmoreland	7,180	59	126
Total	28,093	283	430

- (d) Approximate number of outage cases exceeding 6 or more hours in duration: 98

- (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 morning of Wednesday, July 10, 2024, a weather system producing wind gusts of approximately 49 miles per hour and precipitation moved through Pennsylvania including the West Penn service territory. See Attachment B for the maximum wind gusts and 24-hour total precipitation for July 10, 2024.

Damage as a result of the wind included downed wires, damaged and broken poles, and tree damage. The Jeannette, PA region was the hardest hit area. Approximately 59.4% of the total outages that occurred were tree related and an additional 18.4% were related to line and equipment failure.

Preliminary data indicates the reliability impact of the storm was 7.2 minutes of SAIDI, 0.04 of SAIFI, and an overall storm CAIDI of 185.28 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers affected by the storms would be restored by 1600 on Thursday, July 11, 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:

Company	# of Workers	General Function
West Penn	167	Line Workers
Subtotal	167	Line Workers
Asplundh Tree Expert, LLC	49	Forestry
Davey Tree	10	Forestry
Subtotal	59	Forestry
West Penn	14	Hazard Responders
Subtotal	14	Hazard Responders
West Penn	27	Supporting Roles
Met-Ed Rate District	1	Supporting Roles
FirstEnergy Service Company	2	Supporting Roles
Subtotal	30	Supporting Roles
Grand Total	270	

- (i) The date and time of the first information of a service interruption: July 10, 2024, at 0940.
- (j) The date and time that repair crews were assembled: July 10, 2024, at 0600.
- (k) The actual time that service was restored to the last affected customer: July 11, 2024, at 2347.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans	144
Secondary Spans	12
Crossarms Replaced	52
Cutouts Replaced	31
Poles Replaced	5
Transformers Replaced	14
Wire & Cable Replaced (feet)	4,050

- (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 reports.

- (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 information¹:

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
653030	Washington	2	2,095	07/10/2024 1252	07/11/2024 2347
654260	Greene	1	1,786	07/10/2024 1603	07/11/2024 2149
654638	Fayette	1	1,697	07/10/2024 1637	07/11/2024 2054
655669	Westmoreland	2	1,531	07/10/2024 1614	07/11/2024 1745
653405	Greene	1	1,521	07/10/2024 1424	07/11/2024 1545
655638	Butler	1	1,507	07/10/2024 1408	07/11/2024 1515
653080	Greene	11	1,507	07/10/2024 1301	07/11/2024 1408
653498	Butler	1	1,491	07/10/2024 1444	07/11/2024 1535
653114	Greene	4	1,419	07/10/2024 1314	07/11/2024 1253
652782	Fayette	10	1,388	07/10/2024 1101	07/11/2024 1009
654175	Fayette	6	1,387	07/10/2024 1551	07/11/2024 1458
653410	Butler	1	1,346	07/10/2024 1426	07/11/2024 1252
655623	Washington	3	1,329	07/10/2024 1906	07/11/2024 1715
654147	Butler	1	1,307	07/10/2024 1548	07/11/2024 1335
657087	Westmoreland	6	1,295	07/10/2024 1515	07/11/2024 1250
655806	Westmoreland	1	1,288	07/10/2024 1524	07/11/2024 1252
655290	Westmoreland	5	1,276	07/10/2024 1604	07/11/2024 1320
653444	Westmoreland	25	1,271	07/10/2024 1434	07/11/2024 1145
655096	Washington	13	1,257	07/10/2024 1430	07/11/2024 1127
655610	Washington	26	1,232	07/10/2024 1608	07/11/2024 1240
654917	Clinton	3	1,224	07/10/2024 1706	07/11/2024 1330
656017	Armstrong	45	1,200	07/10/2024 1602	07/11/2024 1202
652953	Washington	5	1,196	07/10/2024 1231	07/11/2024 0827
654975	Clinton	7	1,171	07/10/2024 1719	07/11/2024 1250
656815	Greene	14	1,169	07/10/2024 1551	07/11/2024 1120
656058	Butler	1	1,137	07/10/2024 1935	07/11/2024 1432
654677	Allegheny	2	1,135	07/10/2024 1640	07/11/2024 1135
654774	Westmoreland	12	1,134	07/10/2024 1651	07/11/2024 1145
656502	Armstrong	1	1,126	07/10/2024 1735	07/11/2024 1221
653299	Washington	13	1,122	07/10/2024 1408	07/11/2024 0850
655735	Westmoreland	1	1,105	07/10/2024 1935	07/11/2024 1400
655668	Fayette	25	1,101	07/10/2024 1613	07/11/2024 1034

¹ 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
655756	Butler	1	1,069	07/10/2024 2043	07/11/2024 1432
654176	Greene	11	1,068	07/10/2024 1551	07/11/2024 0939
653720	Washington	58	1,056	07/10/2024 1514	07/11/2024 0850
656842	Washington	6	1,042	07/10/2024 1725	07/11/2024 1047
655027	Washington	4	1,042	07/10/2024 1725	07/11/2024 1047
655001	Fayette	91	1,007	07/10/2024 1722	07/11/2024 1009
654805	Westmoreland	1	1,001	07/10/2024 1654	07/11/2024 0935
656354	Washington	7	965	07/10/2024 1710	07/11/2024 0915
655361	Washington	3	958	07/10/2024 1803	07/11/2024 1001
655349	Fayette	1	920	07/10/2024 1800	07/11/2024 0920
655533	Washington	15	912	07/10/2024 1751	07/11/2024 0903
655020	Washington	4	906	07/10/2024 1724	07/11/2024 0830
655368	Butler	2	904	07/10/2024 1805	07/11/2024 0909
656285	Fayette	4	879	07/10/2024 1945	07/11/2024 1024
656881	Fayette	177	875	07/10/2024 1945	07/11/2024 1020
656570	Cameron	42	869	07/10/2024 1855	07/11/2024 0924
655762	Washington	9	848	07/10/2024 1938	07/11/2024 0946
655762	Washington	8	848	07/10/2024 1938	07/11/2024 0946
656028	Westmoreland	5	834	07/10/2024 2017	07/11/2024 1011
656415	Washington	184	816	07/10/2024 1419	07/11/2024 0355
654197	Washington	7	807	07/10/2024 1419	07/11/2024 0346
655507	Armstrong	1	800	07/10/2024 1735	07/11/2024 0655
655517	Washington	5	792	07/10/2024 1838	07/11/2024 0750
655999	Centre	1	784	07/10/2024 2019	07/11/2024 0923
656209	Allegheny	1	766	07/10/2024 2214	07/11/2024 1100
656130	Bedford	3	764	07/10/2024 2017	07/11/2024 0901
655255	Westmoreland	13	737	07/10/2024 1725	07/11/2024 0542
656101	Washington	1	677	07/10/2024 2109	07/11/2024 0826
656364	Armstrong	1	670	07/11/2024 0010	07/11/2024 1120
654868	Armstrong	21	667	07/10/2024 1701	07/11/2024 0408
653140	Westmoreland	52	658	07/10/2024 1330	07/11/2024 0028
656411	Armstrong	11	621	07/10/2024 1839	07/11/2024 0500
655478	Washington	15	605	07/10/2024 1828	07/11/2024 0433
656355	Washington	1	603	07/11/2024 0211	07/11/2024 1214
656377	Greene	4	601	07/10/2024 1711	07/11/2024 0312
656293	Westmoreland	14	590	07/11/2024 0014	07/11/2024 1004
656789	Fulton	2	576	07/11/2024 0256	07/11/2024 1232
655573	Armstrong	15	571	07/10/2024 1839	07/11/2024 0410

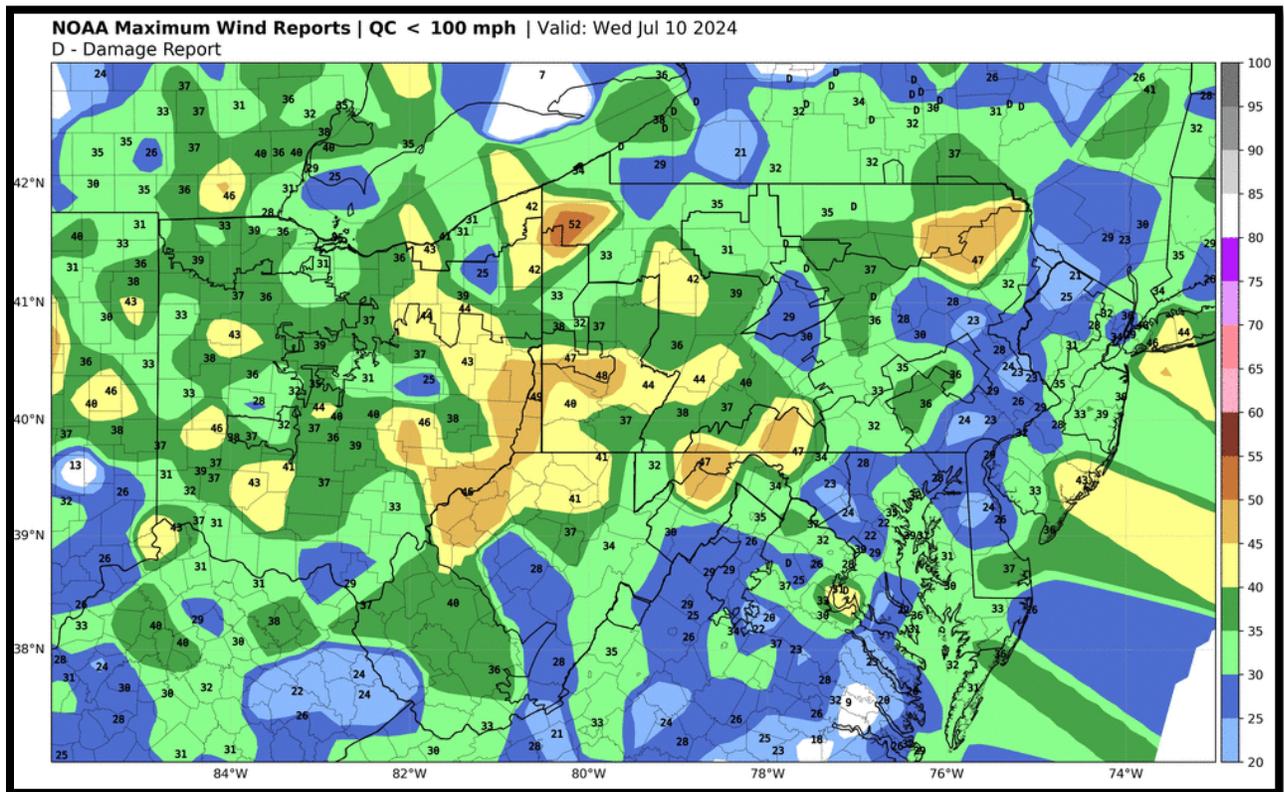
West Penn Rate District Storm Report

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
655508	Armstrong	1	555	07/10/2024 1835	07/11/2024 0350
656163	Fulton	6	551	07/10/2024 1912	07/11/2024 0423
655338	Allegheny	5	530	07/10/2024 1345	07/10/2024 2235
654957	Allegheny	197	522	07/10/2024 1433	07/10/2024 2315
655327	Allegheny	421	522	07/10/2024 1433	07/10/2024 2315
655345	Fayette	4	516	07/10/2024 1759	07/11/2024 0235
655944	Butler	6	503	07/10/2024 1637	07/11/2024 0100
655503	Westmoreland	4	494	07/10/2024 1833	07/11/2024 0247
655275	Westmoreland	1	479	07/10/2024 1747	07/11/2024 0146
653509	Westmoreland	2	451	07/10/2024 1241	07/10/2024 2012
654415	Westmoreland	330	450	07/10/2024 1614	07/10/2024 2344
653122	Washington	23	447	07/10/2024 1317	07/10/2024 2044
656995	Bedford	1	431	07/11/2024 1119	07/11/2024 1830
654957	Allegheny	683	423	07/10/2024 1433	07/10/2024 2136
653465	Westmoreland	3	423	07/10/2024 1437	07/10/2024 2140
654150	Butler	6	417	07/10/2024 1548	07/10/2024 2245
655587	Washington	12	409	07/10/2024 1853	07/11/2024 0142
655465	Greene	440	408	07/10/2024 1457	07/10/2024 2145
656082	Armstrong	4	389	07/10/2024 2056	07/11/2024 0325
653281	Washington	66	385	07/10/2024 1404	07/10/2024 2029
656016	Armstrong	4	383	07/10/2024 1437	07/10/2024 2100
655135	Armstrong	3	372	07/10/2024 1736	07/10/2024 2348
653285	Westmoreland	240	370	07/10/2024 1410	07/10/2024 2020
655775	Fayette	203	368	07/10/2024 1942	07/11/2024 0150
653171	Franklin	1	368	07/10/2024 1334	07/10/2024 1942
654914	Washington	20	364	07/10/2024 1121	07/10/2024 1725
656757	Washington	32	363	07/11/2024 0912	07/11/2024 1515
653105	Greene	15	360	07/10/2024 1310	07/10/2024 1910

Attachment B: Wind and Precipitation Reports

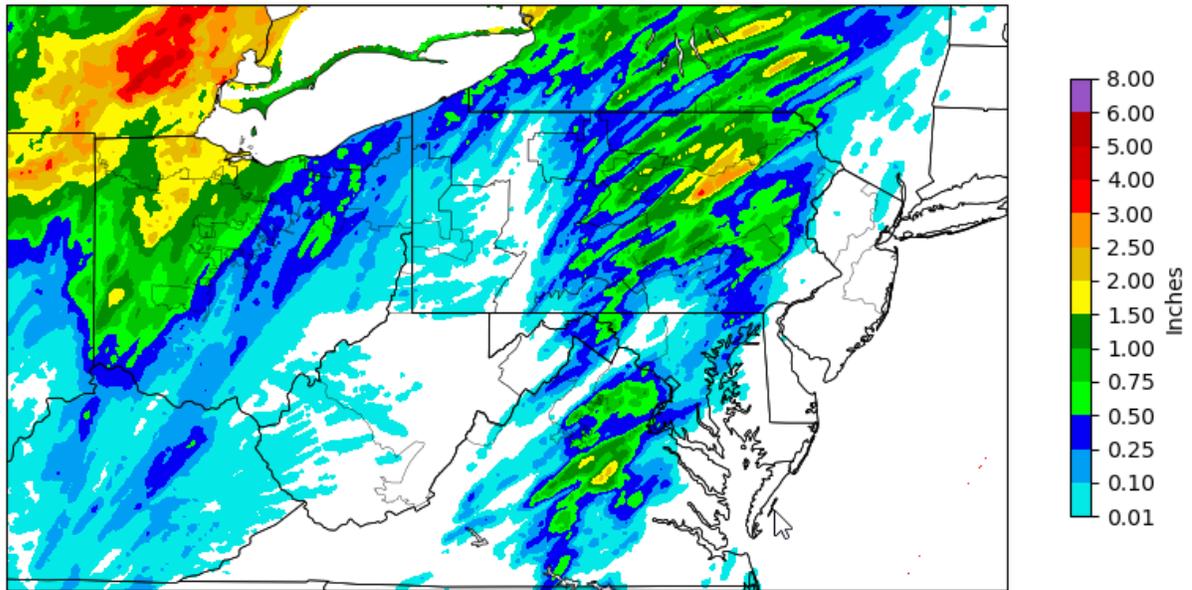
Wind & Precipitation Reports: Graphic 1 illustrates the maximum wind gusts in the West Penn service territory on July 10, 2024. Graphic 2 illustrates the 24-Hour Total Precipitation in the West Penn service territory on July 10, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

Graphic 1: Maximum Wind Gusts – Wednesday, July 10, 2024

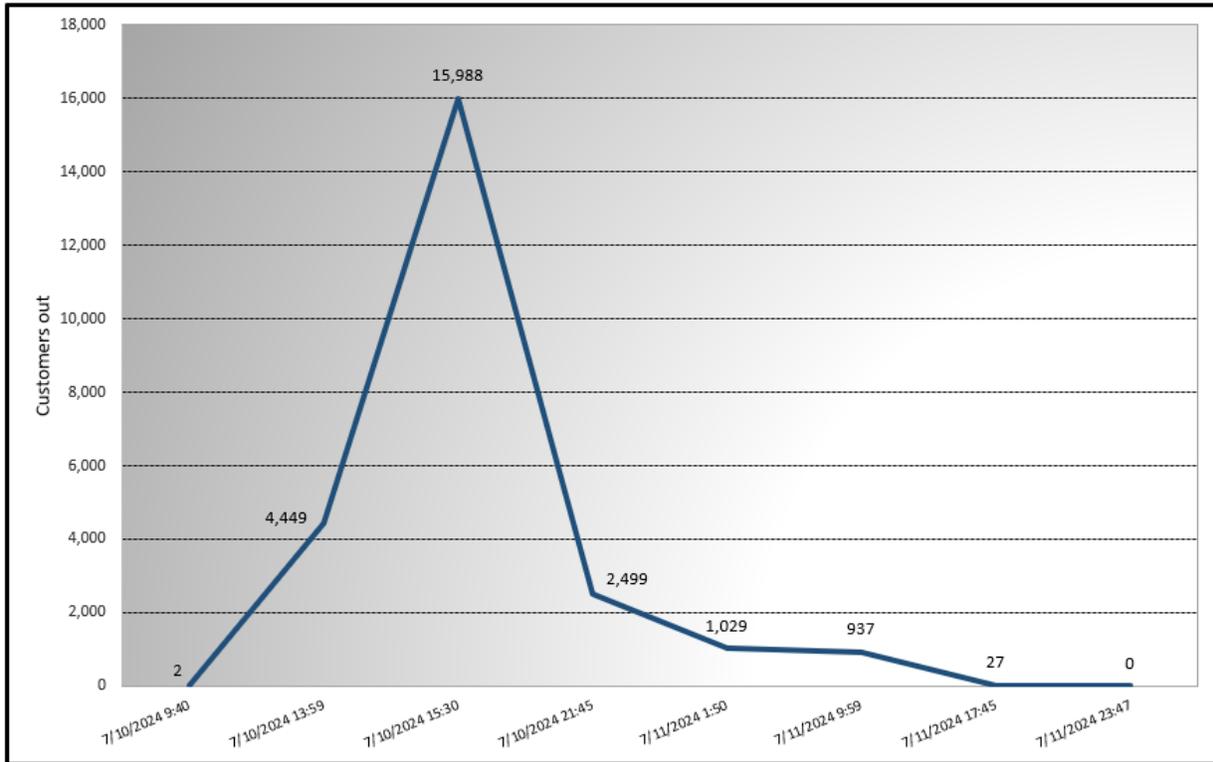


Graphic 2: 24-Hour Total Precipitation: Wednesday, July 10, 2024

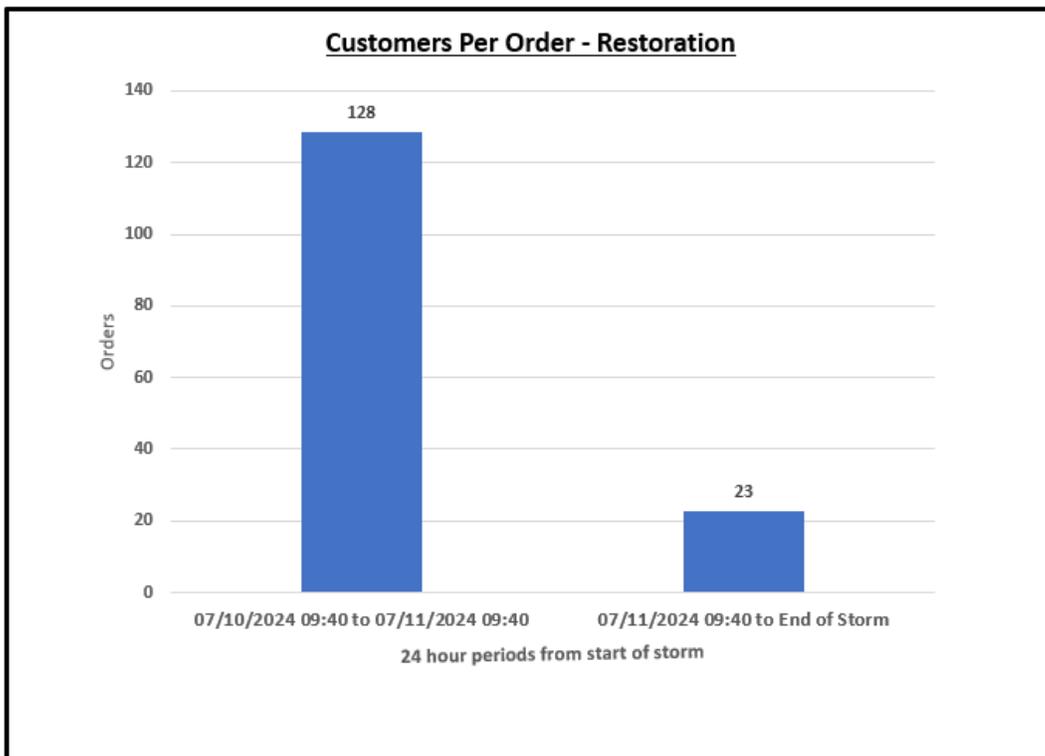
24 Hour Total Precipitation (Liquid Equivalent) for 20240710 from NOAA StageIV



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: Meteorologist Reports

Tuesday, July 9, 2024 @ 0857

New Issuance:

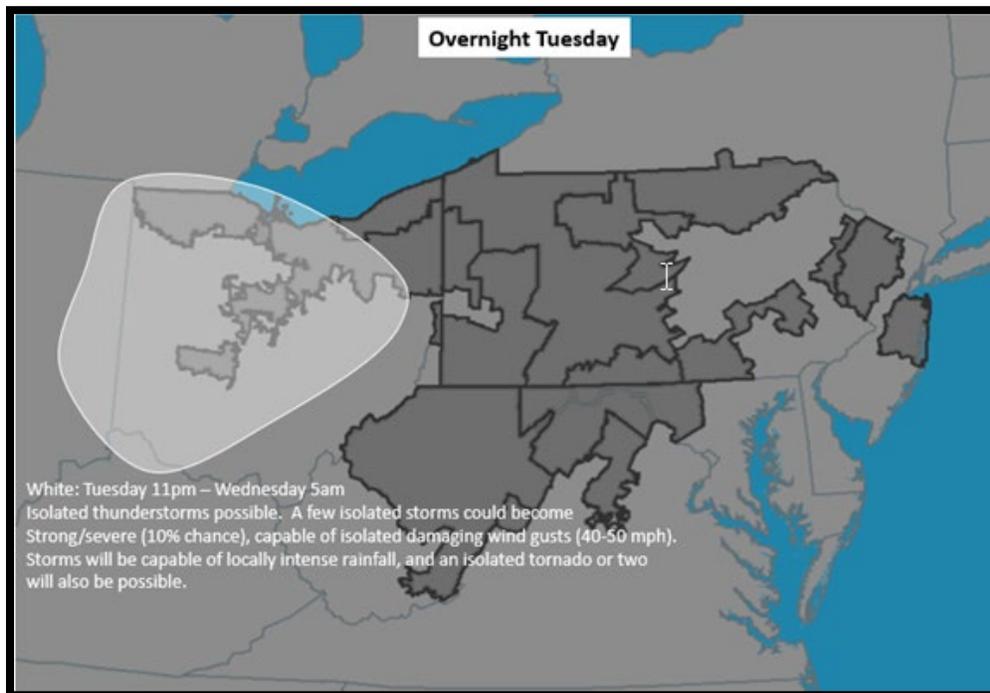
Overnight Tuesday into Wednesday Morning:

A few isolated strong/severe thunderstorms will be possible overnight, mainly in areas of western/central OH. Any developing storm will be capable of isolated damaging wind gusts, but also locally heavy rainfall. An isolated tornado or two is possible as well.

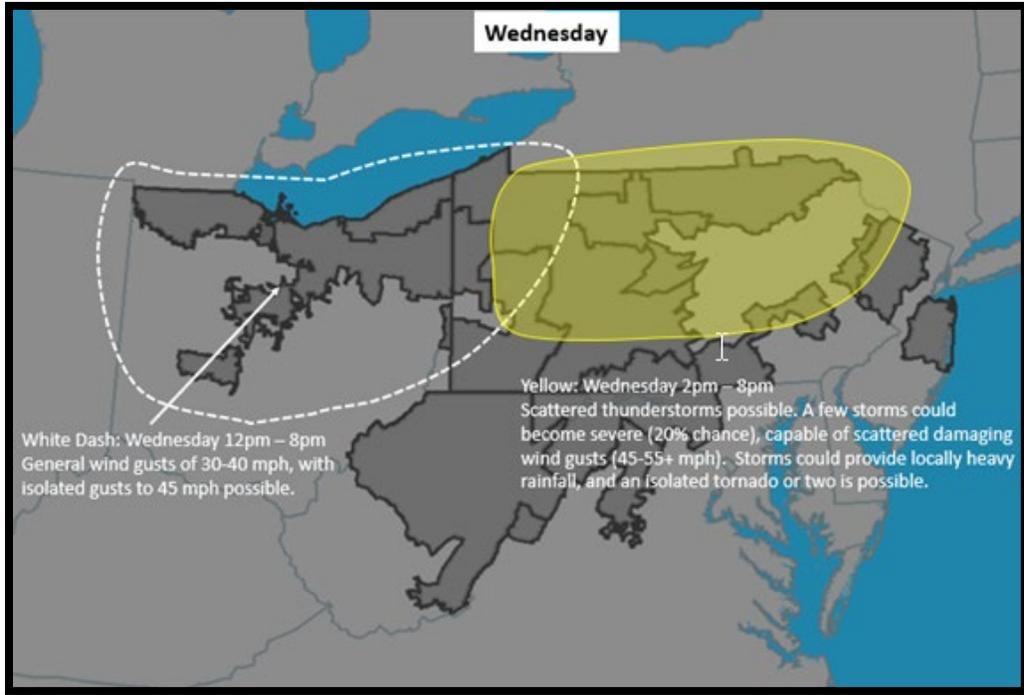
Wednesday:

Scattered strong/severe thunderstorms will be possible across northern PA and far western NJ Wednesday afternoon and evening. These storms will be capable of scattered damaging wind gusts, locally heavy rainfall, and perhaps an isolated tornado or two. Additionally, generally breezy conditions (for July, anyway) are possible across OH and western PA Wednesday afternoon, where general 30-40+ mph gusts appear likely. These gusts may mix with brief periods of heavy rain/thunder at times, especially across western OH.

See graphics below for further information.



West Penn Rate District Storm Report



Wednesday, July 10, 2024 @ 1139

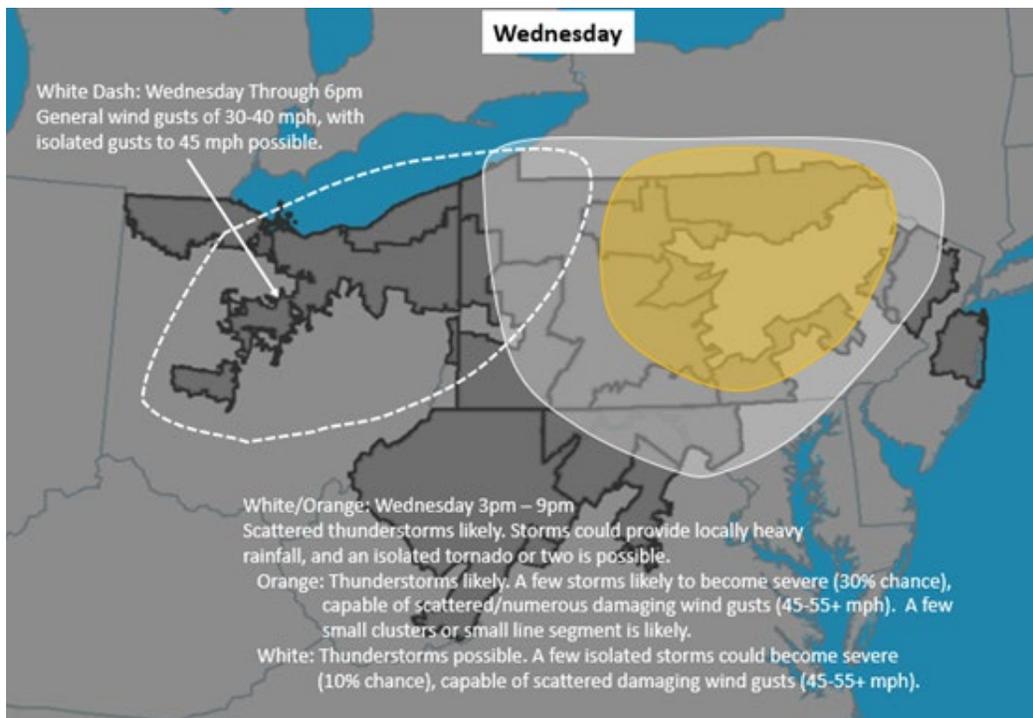
Update:

Slight increase in storm risk across areas of central/eastern PA, as well as a slight adjustment of risk areas. Areas of central/eastern PA are at the greatest risk of small clusters/line segments developing later this afternoon, and therefore the increased risk of damaging gusts.

Otherwise, no changes.

See graphic below for further information.

Last Scheduled Update



Wednesday, July 10, 2024 @ 1449

Update:

Expanded mention of general (non-thunderstorm) 40+ mph wind gusts into areas of western PA and northern WV for the rest of the afternoon. Breaks in the cloud cover has allowed 40+ mph gusts to expand into these areas. In general, areas of western FE should expect consistent 30-40 mph gusts, with occasional gusts of 45+ mph, through the afternoon. Wind gusts should be to subside after 7pm in these areas.

Otherwise, no changes.

See graphic below for further information.

Last Scheduled Update

