

Darsh Singh, Esq.

(610) 212-8331
Fax: (330) 315-9263

June 11, 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 May 26, 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 President, Pennsylvania Operations
(Name) *(Title)*

3. Telephone number: (814) 444-2026
(Telephone Number)

4. Date and time report was made to Commission:

May 27, 2024 0800
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 10,740 (Represents 1.5% 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	1,660	15	19
Armstrong	206	7	11
Bedford	1	1	1
Butler	515	17	22
Centre	33	5	12
Clarion	160	4	3
Clinton	20	1	0
Fayette	3,781	51	41
Franklin	122	8	6
Fulton	1	1	0
Greene	400	13	12
Indiana	11	3	1
McKean	1	1	0
Potter	22	1	1
Washington	3,069	37	29
Westmoreland	738	31	53
Total	10,740	196	211

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 86

(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 in the afternoon hours of Sunday, May 26, 2024, a weather system producing lightning and heavy winds moved through Pennsylvania including the West Penn service territory. The system produced storms with heavy precipitation and high winds of approximately 51 miles per hour. See Attachment B for the maximum wind gusts for May 26, 2024, and the 24-hour total precipitation for May 26 - 27, 2024.

Damage as a result of lightning and high winds included downed wires, and damaged and broken poles, trees, and branches. The Uniontown, Pleasant Valley, Charleroi, and Jefferson regions were the hardest hit areas. Approximately 64.3% of the total outages that occurred were tree related and an additional 2% were wind related.

Preliminary data indicates the reliability impact of the storm was 6.2 minutes of SAIDI, 0.015 of SAIFI, and an overall storm CAIDI of 422.2 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1600 on Tuesday, May 28, 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 Rate District	3	Line Workers
Henkles & McCoy	14	Line Workers
Penelec Rate District	11	Line Workers
Subtotal	28	Line Workers
Asplundh Tree Expert, LLC	17	Forestry
Davey Tree Expert Company	8	Forestry
Pennline Services, Inc.	6	Forestry
Subtotal	31	Forestry
FirstEnergy Service Company	1	Supporting Roles
Subtotal	1	Supporting Roles
Grand Total	60	

- (i) The date and time of the first information of a service interruption: May 26, 2024, at 1600.
- (j) The date and time that repair crews were assembled: May 26, 2024, at 0600.
- (k) The actual time that service was restored to the last affected customer: May 28, 2024, at 1620.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans	121
Secondary Spans	10
Crossarms Replaced	42
Cutouts Replaced	33
Poles Replaced	24
Transformers Replaced	15
Wire & Cable Replaced (feet)	14,344

- (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
598116	Fayette	7	2,496	05/26/2024 2039	05/28/2024 1415
603144	Washington	1	2,404	05/26/2024 1926	05/28/2024 1130
597385	Greene	11	2,340	05/26/2024 1940	05/28/2024 1040
598195	Fayette	25	2,313	05/26/2024 2050	05/28/2024 1123
597016	Washington	8	2,284	05/26/2024 1926	05/28/2024 0930
598057	Fayette	4	2,267	05/26/2024 2030	05/28/2024 1017
598006	Washington	3	2,160	05/26/2024 2026	05/28/2024 0826
598356	Fayette	7	2,156	05/26/2024 2123	05/28/2024 0919
599639	Fayette	1	2,115	05/27/2024 0505	05/28/2024 1620
602830	Fayette	18	2,042	05/26/2024 1953	05/28/2024 0555
597582	Fayette	12	1,919	05/26/2024 1948	05/28/2024 0347
601354	Fayette	5	1,712	05/27/2024 0745	05/28/2024 1217
598101	Washington	1	1,615	05/26/2024 2037	05/27/2024 2332
598551	Washington	21	1,577	05/26/2024 1940	05/27/2024 2157
601906	Fayette	22	1,524	05/27/2024 1025	05/28/2024 1149
597896	Allegheny	9	1,524	05/26/2024 2008	05/27/2024 2132
601704	Fayette	1	1,502	05/27/2024 1112	05/28/2024 1214
597682	Fayette	18	1,432	05/26/2024 1953	05/27/2024 1945
597589	Greene	8	1,412	05/26/2024 1948	05/27/2024 1920
600757	Washington	1	1,336	05/27/2024 0719	05/28/2024 0535
597483	Washington	30	1,315	05/26/2024 1945	05/27/2024 1740
598506	Westmoreland	6	1,264	05/26/2024 2151	05/27/2024 1855
597898	Washington	10	1,260	05/26/2024 2008	05/27/2024 1708
600238	Allegheny	24	1,244	05/26/2024 1946	05/27/2024 1630
598116	Fayette	8	1,240	05/27/2024 1735	05/28/2024 1415
597958	Fayette	25	1,203	05/26/2024 2020	05/27/2024 1623
600447	Washington	26	1,183	05/26/2024 1952	05/27/2024 1535
599370	Allegheny	3	1,170	05/26/2024 2239	05/27/2024 1809
602188	Fayette	15	1,168	05/27/2024 1807	05/28/2024 1335
601473	Washington	6	1,144	05/26/2024 2003	05/27/2024 1507
597949	Westmoreland	20	1,115	05/26/2024 2018	05/27/2024 1453
602500	Washington	1	1,099	05/27/2024 1816	05/28/2024 1235

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
601232	Fayette	7	1,078	05/26/2024 2017	05/27/2024 1415
601101	Fayette	412	1,075	05/26/2024 2001	05/27/2024 1356
601166	Washington	66	1,058	05/26/2024 2003	05/27/2024 1341
600517	Washington	2	1,030	05/27/2024 0920	05/28/2024 0230
602788	Washington	41	1,030	05/27/2024 0920	05/28/2024 0230
600222	Fayette	1	971	05/27/2024 0814	05/28/2024 0025
597841	Washington	16	969	05/26/2024 2003	05/27/2024 1212
601435	Washington	15	967	05/27/2024 0538	05/27/2024 2145
598329	Allegheny	383	964	05/26/2024 1941	05/27/2024 1145
597940	Fayette	12	963	05/26/2024 2017	05/27/2024 1220
599343	Fayette	1	960	05/27/2024 0025	05/27/2024 1625
599405	Fayette	133	944	05/26/2024 2001	05/27/2024 1145
598003	Fayette	6	916	05/26/2024 2026	05/27/2024 1142
600183	Fayette	1	869	05/27/2024 0801	05/27/2024 2230
597860	Washington	22	857	05/26/2024 2004	05/27/2024 1021
595419	Greene	35	855	05/26/2024 1745	05/27/2024 0800
598038	Westmoreland	32	839	05/26/2024 2031	05/27/2024 1030
600554	Butler	22	793	05/27/2024 0927	05/27/2024 2240
597647	Washington	466	787	05/26/2024 1952	05/27/2024 0859
602374	Washington	2	765	05/27/2024 1945	05/28/2024 0830
599168	Allegheny	35	749	05/26/2024 1946	05/27/2024 0815
597693	Washington	24	732	05/26/2024 1953	05/27/2024 0805
597272	Washington	48	695	05/26/2024 1935	05/27/2024 0710
602700	Allegheny	1	689	05/27/2024 1912	05/28/2024 0641
598114	Fayette	128	638	05/26/2024 2039	05/27/2024 0717
599918	Washington	13	628	05/27/2024 0652	05/27/2024 1720
602336	Greene	7	617	05/27/2024 1918	05/28/2024 0535
597674	Greene	25	560	05/26/2024 1953	05/27/2024 0513
601815	Westmoreland	5	559	05/27/2024 1114	05/27/2024 2033
600630	Washington	5	547	05/27/2024 0940	05/27/2024 1847
597787	Fayette	89	544	05/26/2024 1958	05/27/2024 0502
600105	Clarion	8	529	05/27/2024 0036	05/27/2024 0925
600828	Fayette	64	528	05/27/2024 0701	05/27/2024 1549
601133	Washington	892	492	05/27/2024 0538	05/27/2024 1350
602298	Westmoreland	29	492	05/27/2024 1858	05/28/2024 0310
602290	Washington	2	443	05/27/2024 1857	05/28/2024 0220
599861	Westmoreland	7	432	05/27/2024 0632	05/27/2024 1344
603014	Butler	5	421	05/28/2024 0841	05/28/2024 1542

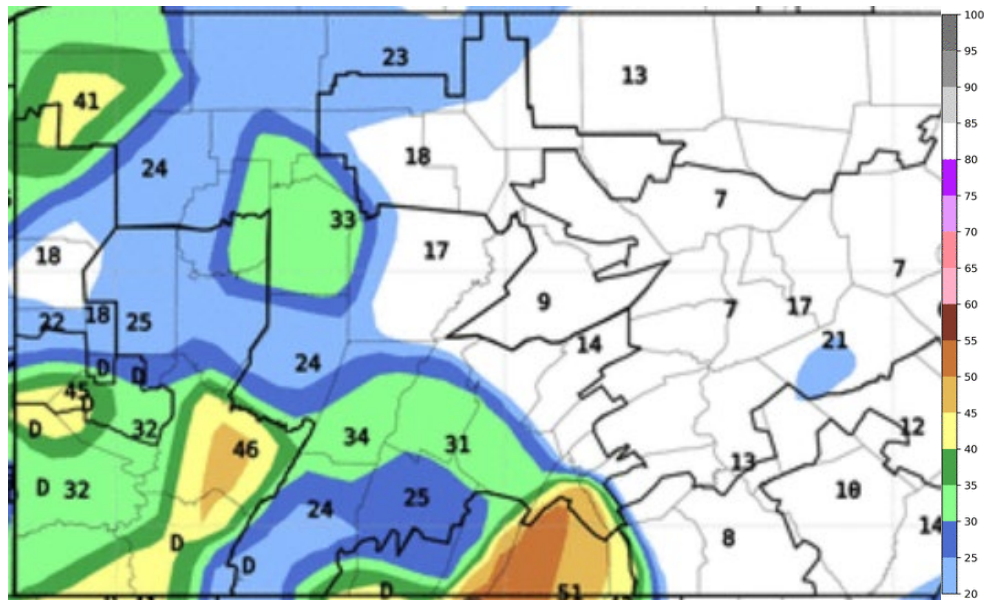
West Penn Rate District Storm Report

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
599360	Clarion	31	420	05/27/2024 0036	05/27/2024 0736
601724	Washington	26	410	05/27/2024 1501	05/27/2024 2151
597139	Allegheny	7	407	05/26/2024 1929	05/27/2024 0216
598602	Butler	3	402	05/26/2024 2043	05/27/2024 0325
602345	Indiana	1	398	05/27/2024 1922	05/28/2024 0200
598172	Butler	2	392	05/26/2024 2043	05/27/2024 0315
597893	Fayette	213	392	05/26/2024 2008	05/27/2024 0240
598760	Centre	6	391	05/26/2024 2249	05/27/2024 0520
595274	Washington	1	388	05/26/2024 1616	05/26/2024 2244
600182	Fayette	9	387	05/27/2024 0758	05/27/2024 1425
603115	Fayette	17	384	05/28/2024 0353	05/28/2024 1017
602712	Butler	2	374	05/27/2024 2056	05/28/2024 0310
599548	Franklin	1	372	05/26/2024 2328	05/27/2024 0540
597553	Washington	900	368	05/26/2024 1947	05/27/2024 0155
597579	Washington	311	368	05/26/2024 1947	05/27/2024 0155
602489	Westmoreland	9	367	05/27/2024 2048	05/28/2024 0255

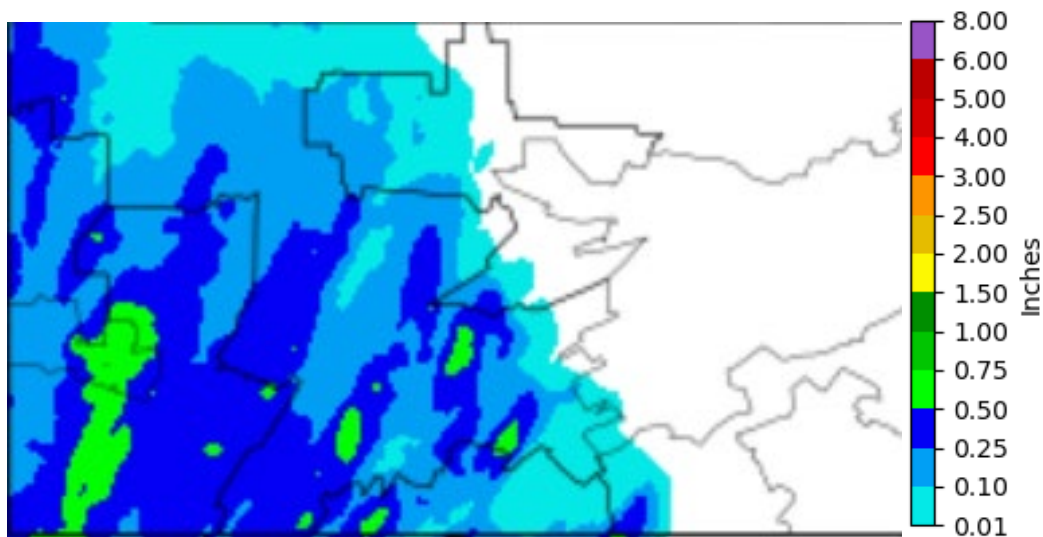
Attachment B: Precipitation Reports

Wind & Precipitation Reports: Graphic 1 shows the maximum wind gusts in the West Penn service territory on May 26, 2024. Graphics 2 and 3 illustrate the 24-Hour Total Precipitation in the West Penn service territory on Sunday, May 26 and Monday, May 27, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

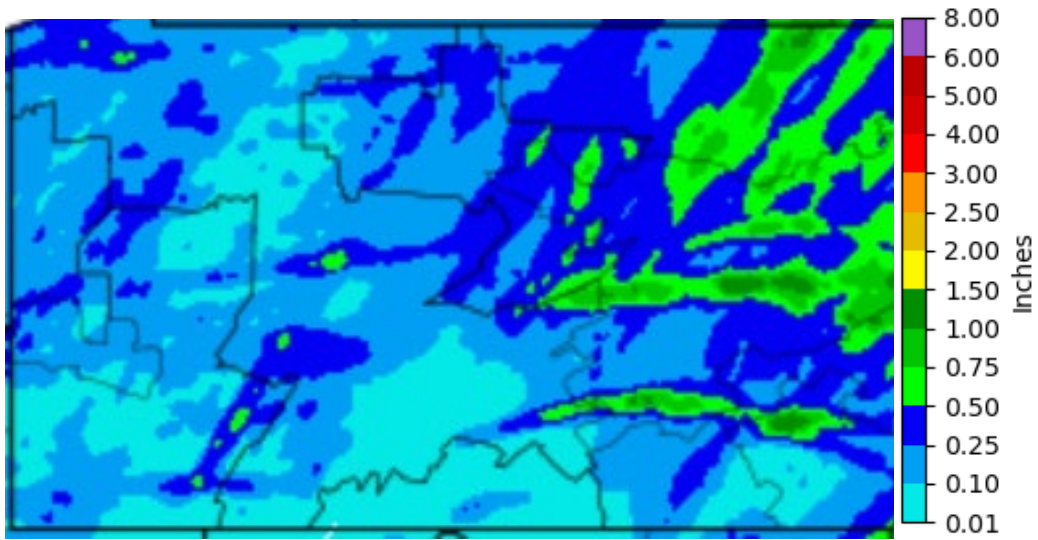
Graphic 1: Maximum Wind Gusts – Sunday, May 26, 2024



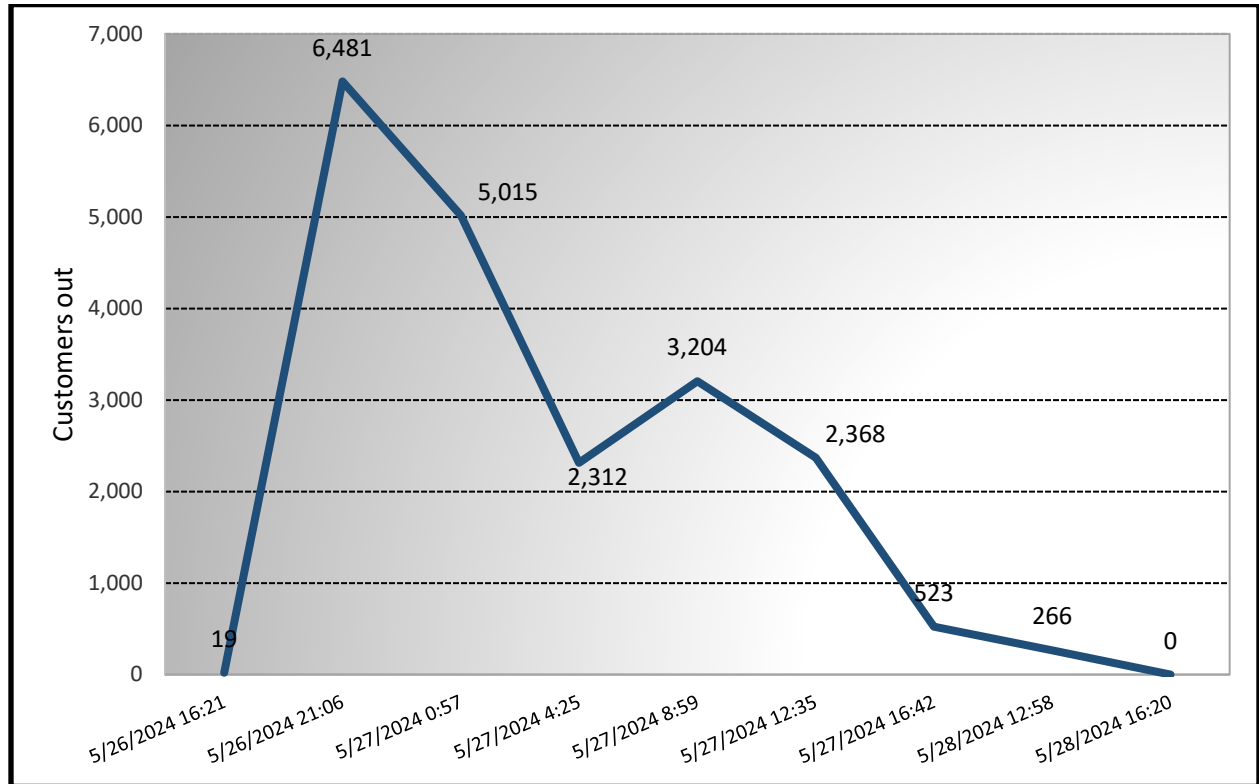
Graphic 2: 24-Hour Total Precipitation – Sunday, May 26, 2024



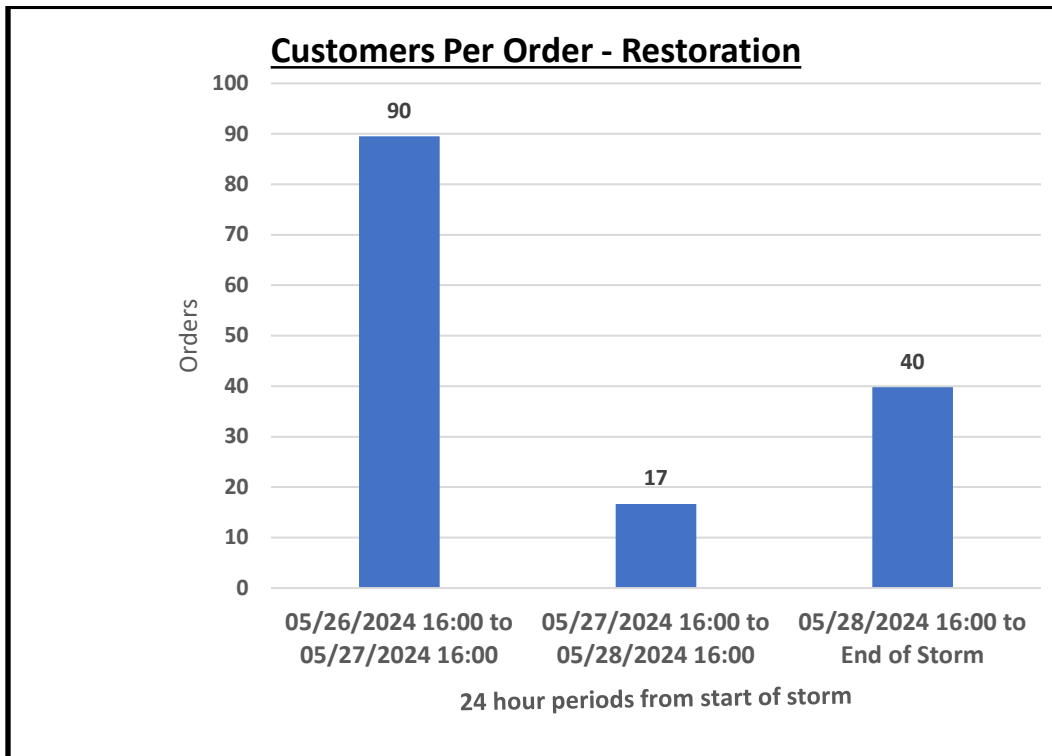
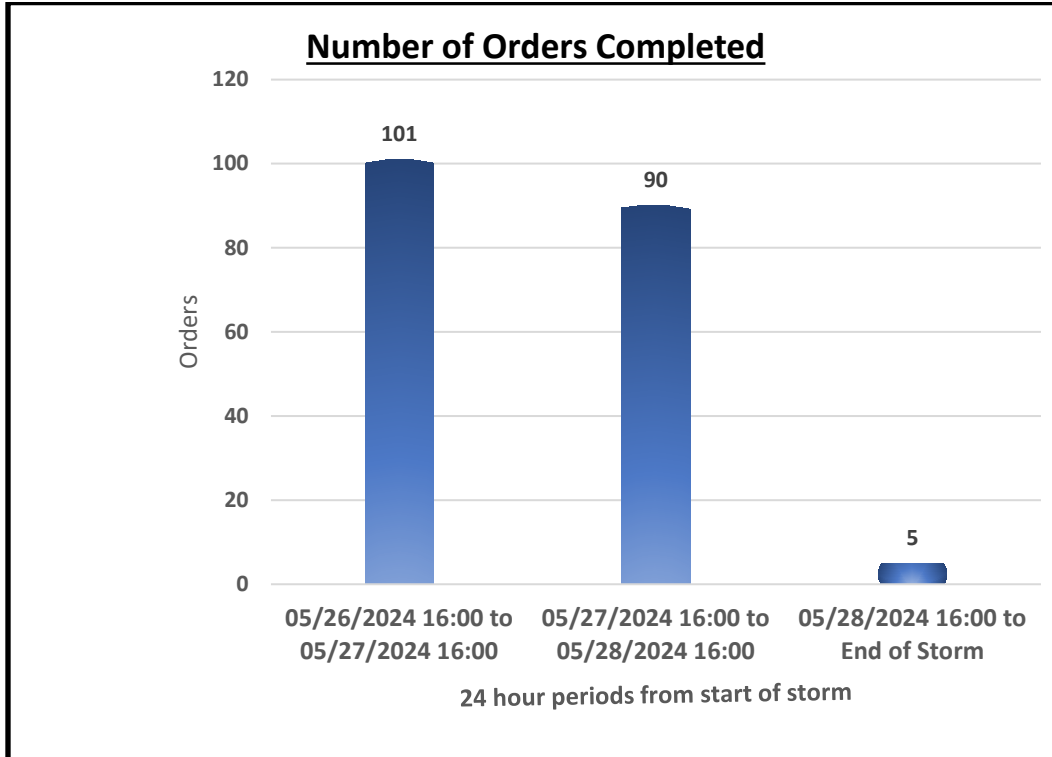
Graphic 3: 24-Hour Total Precipitation – Monday, May 27, 2024



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: Meteorologist Reports

Friday May 24, 2024 @ 915

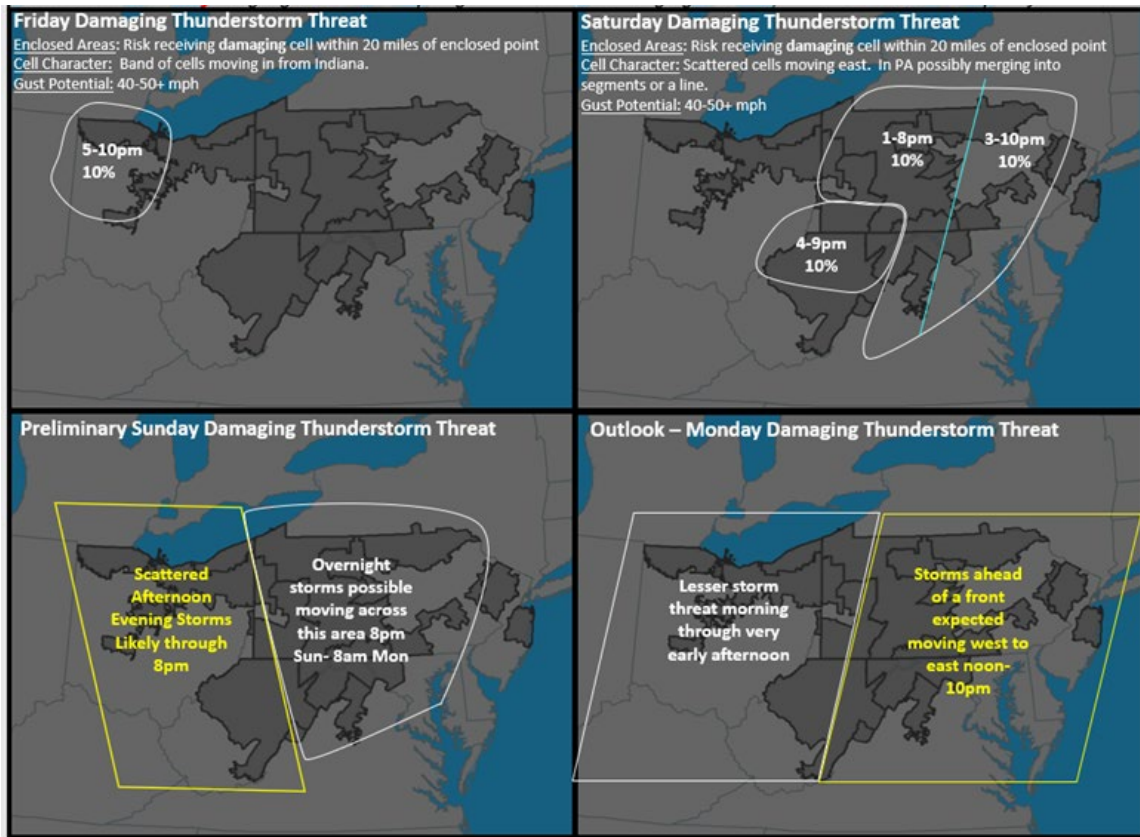
New Issuance:

Daily storm threats through Monday.

1. Today: Monitoring closely an area of storms in Iowa moving east – faster than model projections. If anything the area could arrive earlier than projected by a couple of hours and if that is the case it may have more steam with it than indicated and push farther east than indicated (into central or even east OH but not PA). We will send an update on this by early afternoon.
2. Saturday: General scattered storms expected over much of FE as a weak front passes through the area. Confidence is above normal afternoon cells will form, but below normal with timing splits indicated on the graphic.
3. Sunday: More storms expected first in OH/WV during the afternoon and early evening. That same area move east overnight into early Monday morning and looks to have enough strength to represent a threat even overnight through the rest of WV, PA, MD and into NJ.
4. Monday: The main threat is with a significant frontal passage through FE – especially in the yellow area.

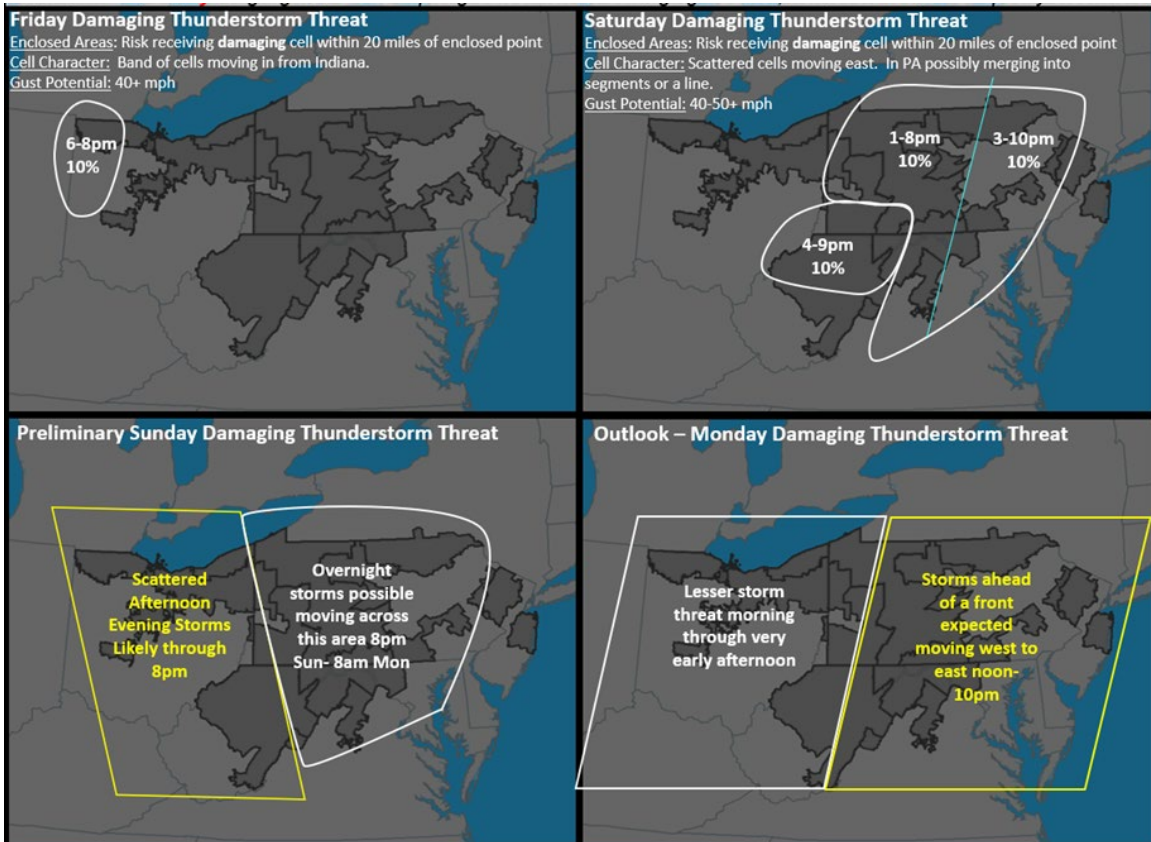
Details will be added daily as we move through the weekend.

West Penn Rate District Storm Report



Friday May 24, 2024 @ 1326

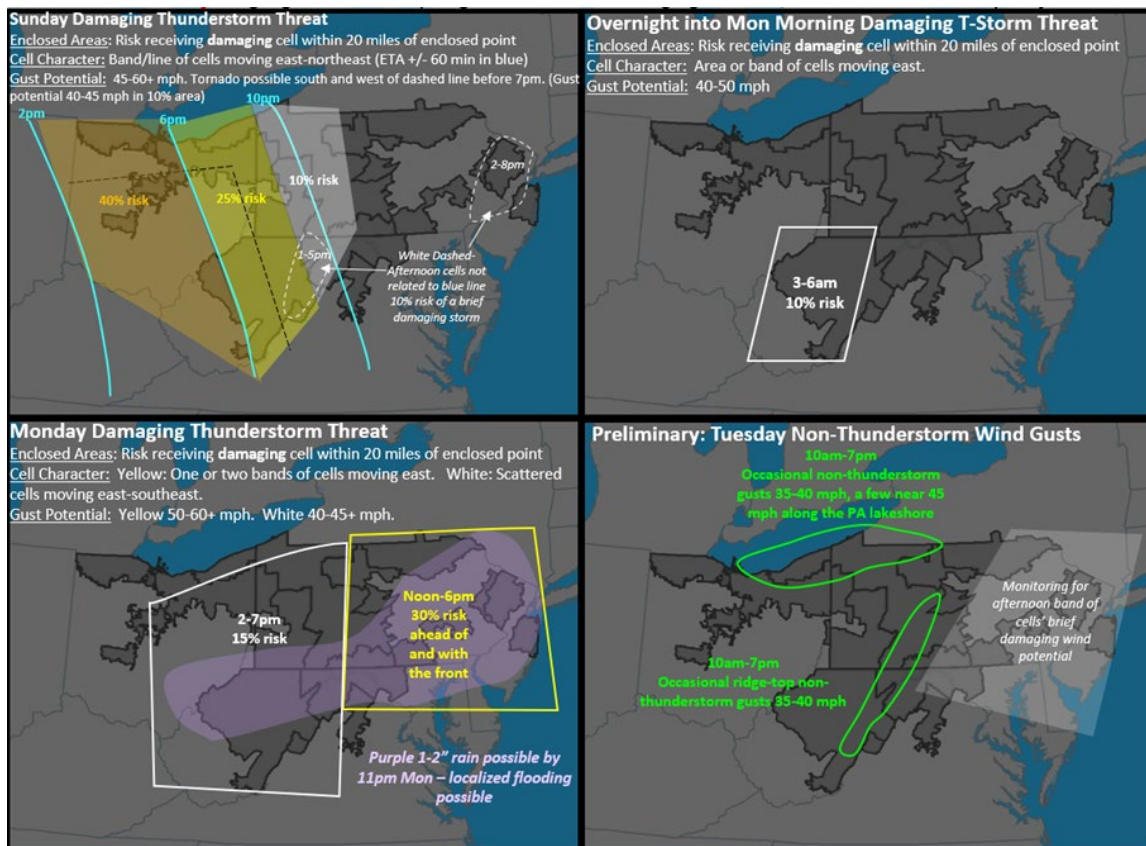
Minor change to area in west OH today (fine-tuned timing/intensity based on current radar). No other changes.



Sunday, May 26, 2024 @ 0917

Changes.

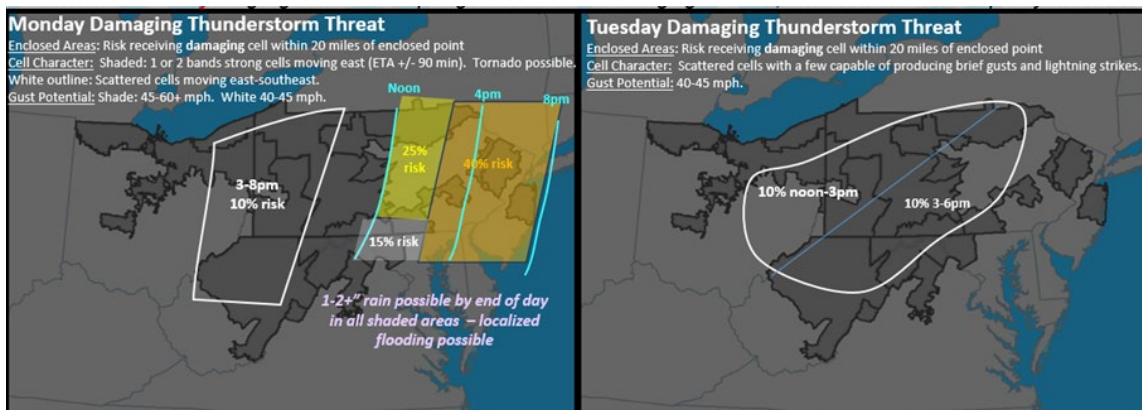
1. Today: Fine-tuned details. Confidence is above normal with the timing of the line moving through and slightly below normal with the risk level.
2. Overnight: Added details for a threat in WV region. Confidence is slightly below normal with the timing and that cells that form will be able to produce damage in the absence of heating.
3. Monday: Fine-tuned details. Confidence is normal with the yellow area but below normal for the white area.
4. Tuesday: Shrunk non-thunderstorm (green) gust threat area and added mention of potential afternoon threat from cells (white). Confidence is below normal for this panel.



Monday, May 27, 2024 @ 0921

Changes.

1. Today: Fine tuned timing and risk levels. Confidence is normal with shaded areas timing and risk levels but slightly below normal with OH/WV/west PA risk level.
2. Tuesday: Removed non-thunderstorm wind gust threat (previously outlined in green) but added details for afternoon nuisance threat as a reinforcing cold front passes through. Confidence is slightly below normal with this panel.

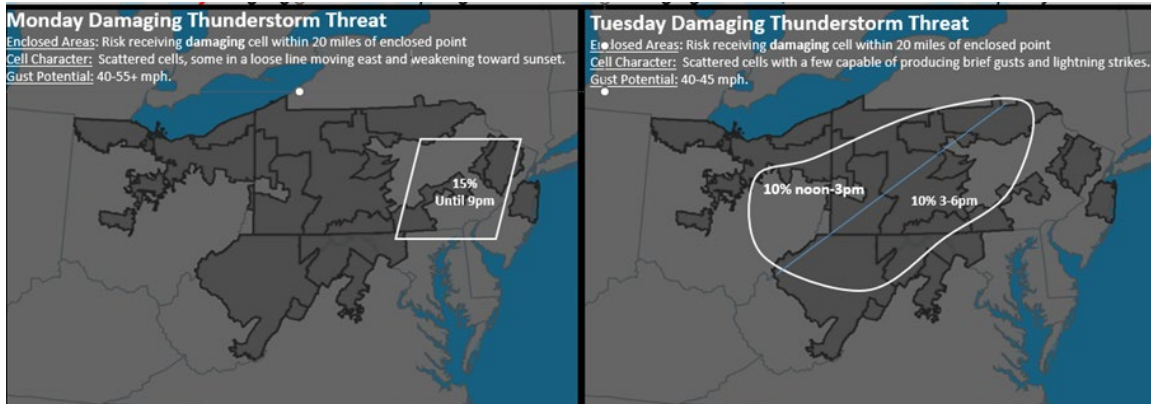


Monday, May 27, 2024 @ 1715

Update:

Threat for today has greatly diminished – although there are still residual cells moving east. Also the general wind gusts in OH will diminish toward sunset.

No changes for tomorrow.



Tuesday, May 28, 2024 @ 0844

Update:

No major changes to today's forecast.

See graphic below for further details.

