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August 28, 2023

VIA E-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 –
West Penn Power Company; Docket No. M-2021-3023564**

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, West Penn Power Company (“West Penn”) submits written notification of completed restoration efforts following storm conditions that began on August 12, 2023 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)
Harry Bidelspach – 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: West Penn Power Company ("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: (724) 838-6150
(Telephone Number)

4. Date and time report was made to Commission:

August 12, 2023 2124
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 11,812 (Represents 1.6% 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	80	5	16
Armstrong	210	5	8
Butler	2,074	8	9
Cameron	365	5	5
Centre	170	10	5
Clarion	1	1	0
Clinton	35	1	0
Elk	11	4	6
Fayette	2,181	48	41
Franklin	8	4	5
Greene	750	43	16
Mckean	1	1	0
Washington	4,170	61	39
Westmoreland	1,756	56	84
Total	11,812	252	234

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 137

(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, August 12, 2023, a line of thunderstorms moved from northwest to southeast across Pennsylvania, including the West Penn service territory. The storm produced rain, lightning, and wind gusts of over 40 miles per hour on August 12, 2023. See Attachment B for the maximum wind gusts and total precipitation for August 12 and 13, 2023.

Damage as a result of the high winds included downed trees/power lines, damaged and broken poles/crossarms, and damaged equipment. The Washington district was the hardest hit area. Approximately 63.6% of the total outages that occurred were tree related.

Preliminary data indicate the reliability impact of the storm was 4.9 minutes of SAIDI, 0.02 of SAIFI, and an overall storm CAIDI of 300.66 minutes.

(g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1600 on August 14, 2023.

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 Power	187	Line Workers
Subtotal	187	Line Workers
Penline	25	Forestry Contractor
Asplundh Tree	34	Forestry Contractor
Townsend Tree	6	Forestry Contractor
Davey Tree	11	Forestry Contractor
Subtotal	76	Forestry Contractor
West Penn Power	68	Supporting Roles
FirstEnergy Service Co.	41	Supporting Roles
Subtotal	109	Supporting Roles
Grand Total	372	

- (i) The date and time of the first information of a service interruption: August 12, 2023 at 1544.
- (j) The date and time that repair crews were assembled: August 12, 2023 at 1630.
- (k) The actual time that service was restored to the last affected customer: August 14, 2023 at 1807.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Crossarms Replaced	51
Cutouts Replaced	44
Poles Replaced	10
Transformers Replaced	23
Wire & Cable Replaced (feet)	9,401
Primary Spans Down	124
Secondary Spans Replaced	5

- (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
372554	Greene	1	2,644	08/12/2023 2203	08/14/2023 1807
369832	Greene	2	2,598	08/12/2023 2127	08/14/2023 1645
370807	Westmoreland	1	2,402	08/12/2023 1858	08/14/2023 1100
370932	Washington	6	2,327	08/12/2023 2006	08/14/2023 1053
370933	Washington	6	2,282	08/12/2023 2006	08/14/2023 1008
369875	Greene	3	2,226	08/12/2023 2136	08/14/2023 1042
371195	Greene	1	2,205	08/12/2023 2229	08/14/2023 1114
372398	Greene	2	2,204	08/12/2023 2210	08/14/2023 1054
370155	Westmoreland	1	1,841	08/12/2023 1909	08/14/2023 0150
369772	Greene	7	1,827	08/12/2023 2117	08/14/2023 0344
370566	Washington	2	1,766	08/12/2023 2036	08/14/2023 0202
371886	Washington	33	1,750	08/12/2023 2015	08/14/2023 0125
371960	Greene	2	1,746	08/12/2023 2224	08/14/2023 0330
371213	Greene	5	1,714	08/13/2023 1004	08/14/2023 1438
372023	Greene	5	1,646	08/12/2023 2125	08/14/2023 0051
371969	Greene	4	1,632	08/12/2023 2108	08/14/2023 0020
371522	Washington	2	1,622	08/13/2023 1433	08/14/2023 1735
370339	Westmoreland	11	1,596	08/12/2023 1904	08/13/2023 2140
371389	Washington	1	1,573	08/13/2023 1249	08/14/2023 1502
370089	Fayette	1	1,557	08/12/2023 2211	08/14/2023 0008
372028	Greene	8	1,463	08/13/2023 0209	08/14/2023 0232
370534	Fayette	2	1,442	08/12/2023 2148	08/13/2023 2150
369730	Greene	2	1,438	08/12/2023 2107	08/13/2023 2105
371754	Westmoreland	4	1,437	08/12/2023 1908	08/13/2023 1905
370022	Fayette	1	1,428	08/12/2023 2156	08/13/2023 2144
370050	Fayette	2	1,414	08/12/2023 2201	08/13/2023 2135
370514	Westmoreland	2	1,390	08/12/2023 2031	08/13/2023 1941
369726	Westmoreland	12	1,378	08/12/2023 1902	08/13/2023 1800
369377	Washington	6	1,355	08/12/2023 1904	08/13/2023 1739
370482	Washington	98	1,351	08/12/2023 2015	08/13/2023 1846
371779	Washington	24	1,348	08/12/2023 1904	08/13/2023 1732

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 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
370546	Fayette	44	1,327	08/12/2023 2223	08/13/2023 2030
370685	Westmoreland	2	1,325	08/12/2023 1845	08/13/2023 1650
370684	Westmoreland	3	1,325	08/12/2023 1845	08/13/2023 1650
369395	Westmoreland	5	1,321	08/12/2023 1908	08/13/2023 1709
370138	Greene	7	1,313	08/12/2023 2220	08/13/2023 2013
369178	Elk	6	1,311	08/12/2023 1544	08/13/2023 1335
369487	Washington	5	1,302	08/12/2023 1954	08/13/2023 1736
371964	Greene	4	1,300	08/13/2023 0005	08/13/2023 2145
370493	Greene	6	1,300	08/13/2023 0005	08/13/2023 2145
369531	Washington	58	1,292	08/12/2023 2006	08/13/2023 1738
369608	Washington	22	1,287	08/12/2023 2033	08/13/2023 1800
370986	Greene	3	1,260	08/12/2023 2100	08/13/2023 1800
370211	Washington	2	1,247	08/12/2023 2235	08/13/2023 1922
371084	Fayette	5	1,240	08/12/2023 2126	08/13/2023 1806
370648	Westmoreland	2	1,189	08/12/2023 1910	08/13/2023 1459
371608	Fayette	9	1,175	08/12/2023 2135	08/13/2023 1710
371458	Westmoreland	1	1,169	08/12/2023 2113	08/13/2023 1642
371927	Washington	1	1,155	08/13/2023 2014	08/14/2023 1529
369934	Greene	2	1,148	08/12/2023 2142	08/13/2023 1650
372567	Washington	1	1,148	08/13/2023 2014	08/14/2023 1522
371322	Washington	27	1,147	08/12/2023 2028	08/13/2023 1535
370645	Fayette	4	1,141	08/12/2023 2145	08/13/2023 1646
369813	Greene	15	1,138	08/12/2023 2124	08/13/2023 1622
372302	Greene	15	1,113	08/13/2023 2327	08/14/2023 1800
371198	Fayette	35	1,102	08/12/2023 2126	08/13/2023 1548
370033	Washington	10	1,101	08/12/2023 2159	08/13/2023 1620
369824	Fayette	54	1,099	08/12/2023 2126	08/13/2023 1545
369584	Washington	1	1,098	08/12/2023 2022	08/13/2023 1440
370320	Greene	11	1,087	08/12/2023 2143	08/13/2023 1550
370317	Greene	13	1,082	08/12/2023 2307	08/13/2023 1709
371459	Westmoreland	3	1,072	08/12/2023 2113	08/13/2023 1505
371570	Westmoreland	13	1,072	08/12/2023 2113	08/13/2023 1505
369977	Fayette	19	1,056	08/12/2023 2147	08/13/2023 1523
371294	Fayette	4	1,047	08/12/2023 1928	08/13/2023 1255
371498	Washington	97	1,041	08/12/2023 2046	08/13/2023 1407
369851	Fayette	13	1,027	08/12/2023 2131	08/13/2023 1438

West Penn 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
369748	Greene	38	1,020	08/12/2023 2112	08/13/2023 1412
371505	Washington	3	1,016	08/12/2023 2119	08/13/2023 1415
369879	Fayette	8	1,012	08/12/2023 2136	08/13/2023 1428
370135	Greene	48	1,010	08/12/2023 2220	08/13/2023 1510
369961	Greene	73	1,007	08/12/2023 2145	08/13/2023 1432
370371	Greene	15	1,003	08/12/2023 2322	08/13/2023 1605
369667	Washington	3	991	08/12/2023 2050	08/13/2023 1321
369796	Westmoreland	34	984	08/12/2023 2113	08/13/2023 1337
372881	Greene	3	974	08/14/2023 0032	08/14/2023 1646
371366	Washington	19	974	08/12/2023 2126	08/13/2023 1340
369864	Fayette	24	968	08/12/2023 2133	08/13/2023 1341
369246	Cameron	40	956	08/12/2023 1705	08/13/2023 0901
369703	Armstrong	16	954	08/12/2023 2101	08/13/2023 1255
369784	Elk	2	949	08/12/2023 2121	08/13/2023 1310
370576	Fayette	164	934	08/12/2023 2126	08/13/2023 1300
370847	Westmoreland	4	903	08/13/2023 0617	08/13/2023 2120
369597	Washington	103	902	08/12/2023 2028	08/13/2023 1130
369826	Washington	50	889	08/12/2023 2126	08/13/2023 1215
370656	Washington	1	871	08/12/2023 2119	08/13/2023 1150
370528	Fayette	59	863	08/12/2023 2126	08/13/2023 1149
371245	Washington	1	862	08/13/2023 0352	08/13/2023 1814
369904	Washington	10	844	08/12/2023 2139	08/13/2023 1143
370796	Washington	9	825	08/13/2023 0505	08/13/2023 1850
371177	Washington	14	823	08/12/2023 2119	08/13/2023 1102
369763	Fayette	26	802	08/12/2023 2115	08/13/2023 1037
369640	Westmoreland	25	793	08/12/2023 2040	08/13/2023 0953
371209	Cameron	4	787	08/12/2023 2102	08/13/2023 1009
369911	Greene	8	786	08/12/2023 2139	08/13/2023 1045
369795	Westmoreland	8	775	08/12/2023 2033	08/13/2023 0928
369956	Fayette	9	773	08/12/2023 2145	08/13/2023 1038
370336	Washington	16	772	08/12/2023 2313	08/13/2023 1205
370481	Fayette	9	772	08/13/2023 0001	08/13/2023 1253
369863	Fayette	22	752	08/12/2023 2133	08/13/2023 1005
369824	Fayette	23	744	08/12/2023 2126	08/13/2023 0950
369305	Armstrong	2	739	08/12/2023 1811	08/13/2023 0630
370813	Washington	1	734	08/13/2023 0516	08/13/2023 1730

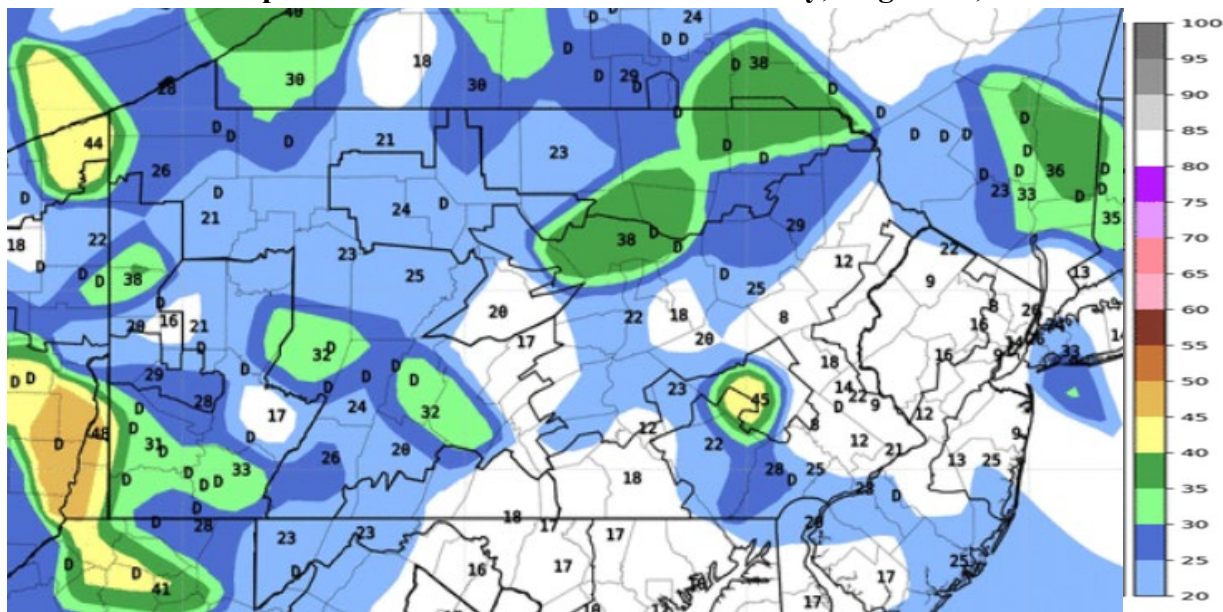
West Penn Storm Report

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
370570	Washington	151	730	08/12/2023 2103	08/13/2023 0913
369746	Washington	11	706	08/12/2023 2111	08/13/2023 0857
369843	Greene	12	700	08/12/2023 2130	08/13/2023 0910
370010	Fayette	52	676	08/12/2023 2153	08/13/2023 0909
370197	Greene	13	676	08/12/2023 2229	08/13/2023 0945
371053	Westmoreland	1	666	08/13/2023 0727	08/13/2023 1833
372119	Greene	3	661	08/14/2023 0641	08/14/2023 1742
370639	Butler	18	648	08/12/2023 1732	08/13/2023 0420
369701	Greene	66	648	08/12/2023 2100	08/13/2023 0748
369848	Greene	22	609	08/12/2023 2131	08/13/2023 0740
370744	Fayette	117	603	08/12/2023 2204	08/13/2023 0807
371278	Fayette	2	589	08/13/2023 1101	08/13/2023 2050
370373	Franklin	2	583	08/12/2023 2322	08/13/2023 0905
372001	Westmoreland	2	519	08/13/2023 2336	08/14/2023 0815
369341	Westmoreland	28	503	08/12/2023 1845	08/13/2023 0308
370935	Washington	26	501	08/13/2023 0729	08/13/2023 1550
371065	Fayette	1	494	08/13/2023 0841	08/13/2023 1655
370652	Cameron	12	490	08/13/2023 0229	08/13/2023 1039
371663	Centre	1	487	08/13/2023 0848	08/13/2023 1655
372141	Clarion	1	484	08/14/2023 0734	08/14/2023 1538
371678	Fayette	5	484	08/13/2023 1101	08/13/2023 1905
369490	Butler	94	483	08/12/2023 1732	08/13/2023 0135
371191	Fayette	4	477	08/13/2023 0949	08/13/2023 1746
371808	Fayette	1	465	08/13/2023 1036	08/13/2023 1821
370860	Fayette	1	455	08/13/2023 0633	08/13/2023 1408
371638	Washington	1	443	08/13/2023 1622	08/13/2023 2345
370688	Greene	68	430	08/13/2023 0314	08/13/2023 1024
371058	Greene	6	420	08/13/2023 0840	08/13/2023 1540
370885	Washington	7	406	08/13/2023 0646	08/13/2023 1332
370956	Centre	4	403	08/13/2023 0737	08/13/2023 1420
369376	Allegheny	1	402	08/12/2023 1903	08/13/2023 0145
370738	Franklin	2	399	08/13/2023 0409	08/13/2023 1048
371038	Elk	2	395	08/13/2023 0815	08/13/2023 1450
369718	Washington	97	376	08/12/2023 2104	08/13/2023 0320

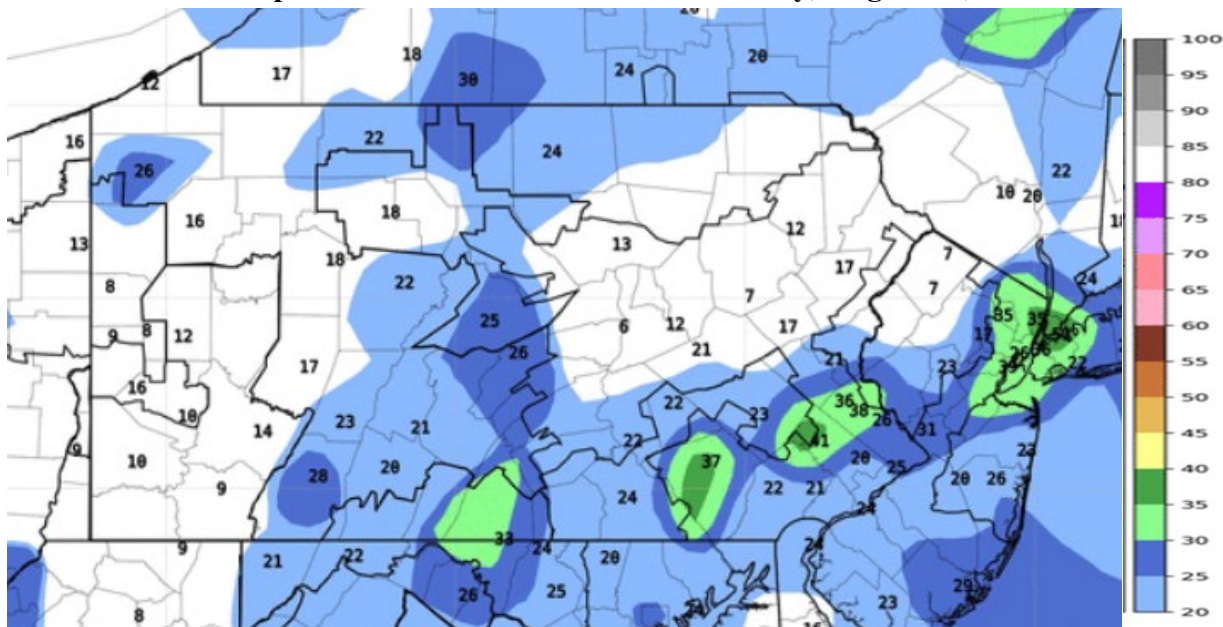
Attachment B: Wind and Precipitation Reports

Wind and Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the West Penn service territory on August 12 and 13, 2023. Graphics 3 and 4 illustrate the 24-Hour Total Precipitation in the West Penn service territory on August 12 and 13, 2023. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

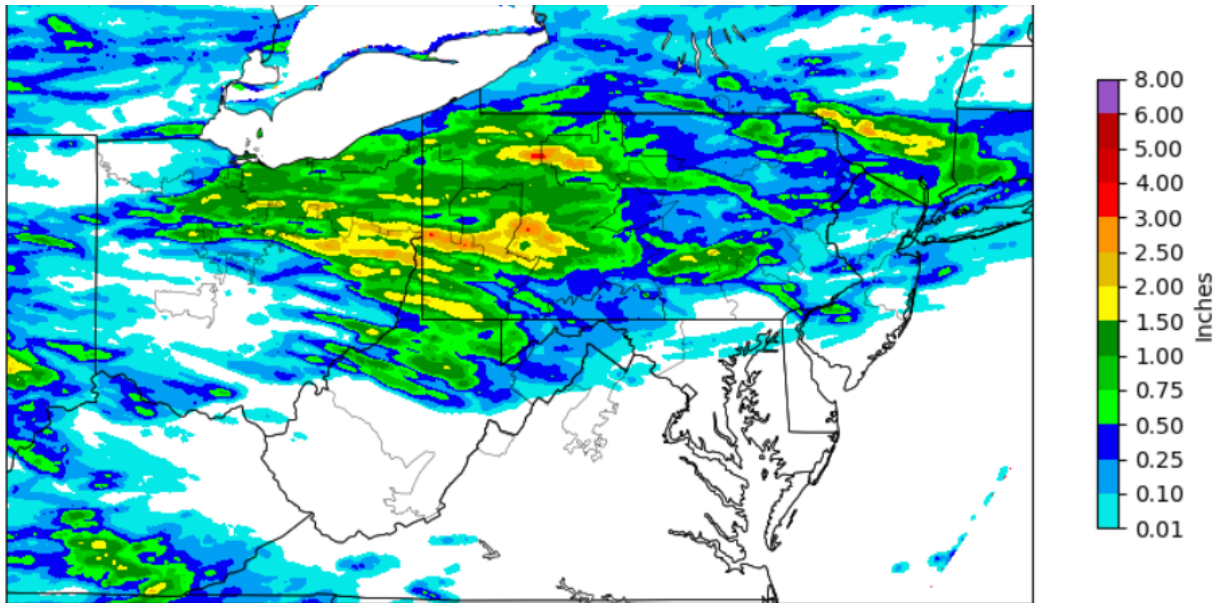
Graphic 1: Maximum Wind Gusts: Saturday, August 12, 2023



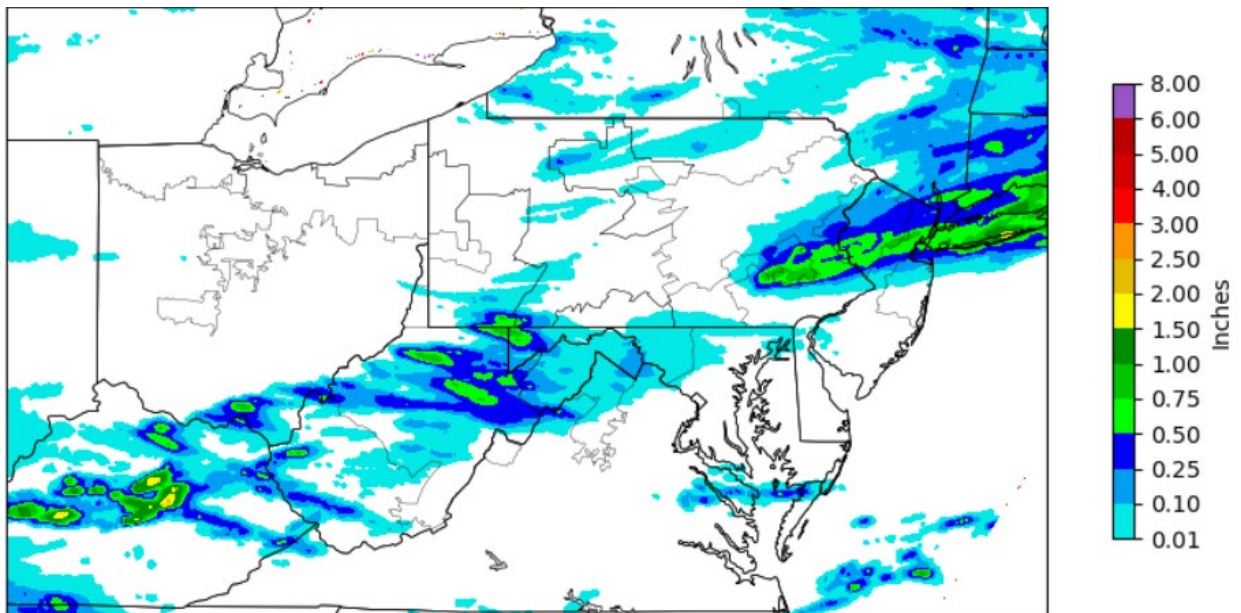
Graphic 2: Maximum Wind Gusts: Sunday, August 13, 2023



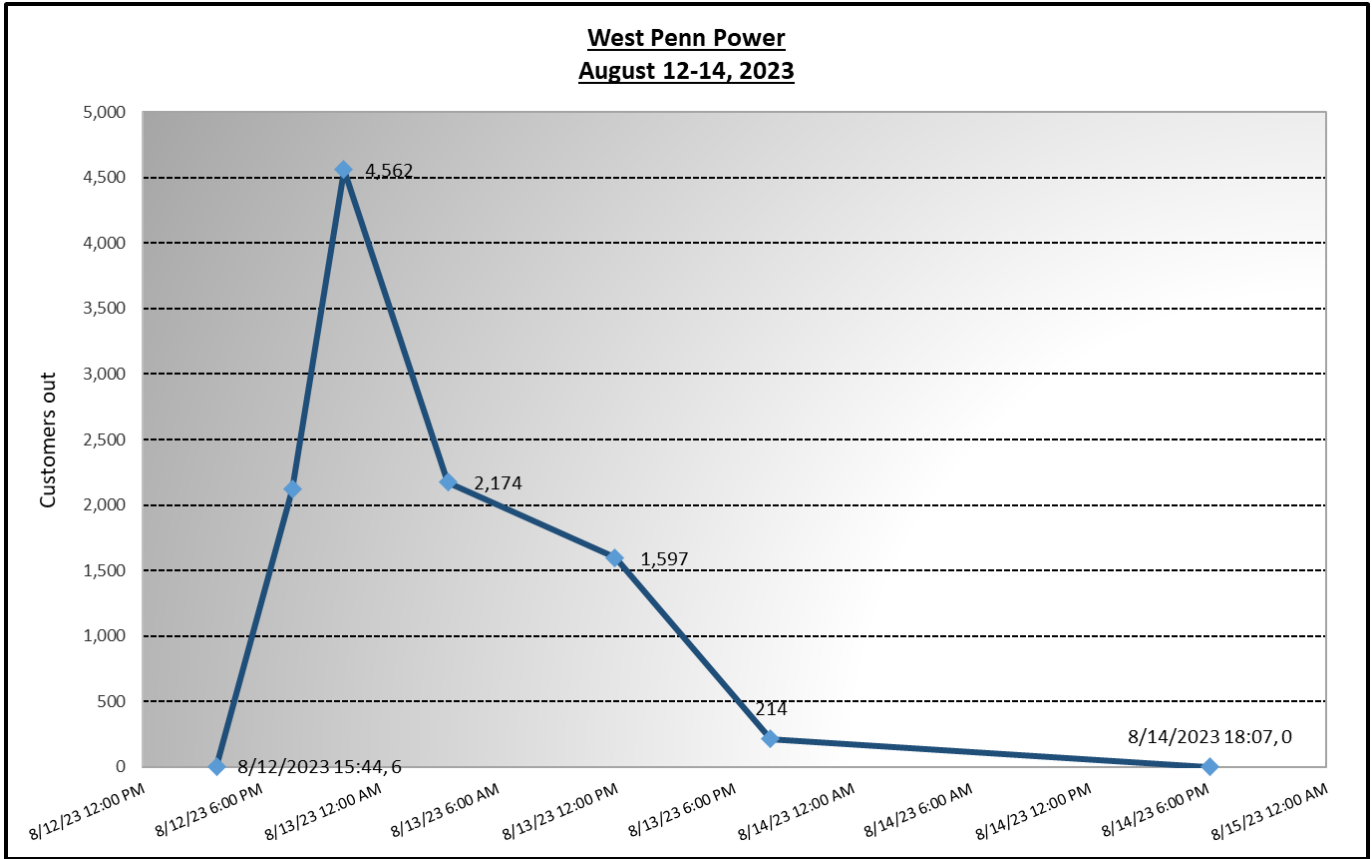
Graphic 3: 24-Hour Total Precipitation: Saturday, August 12, 2023



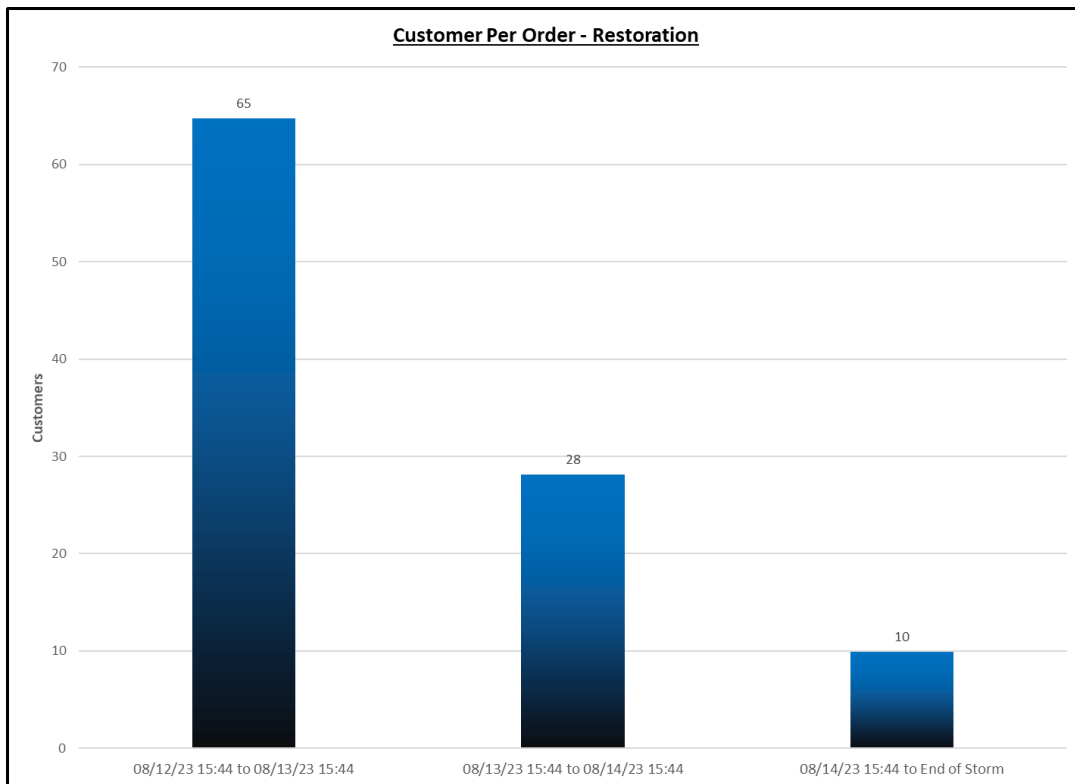
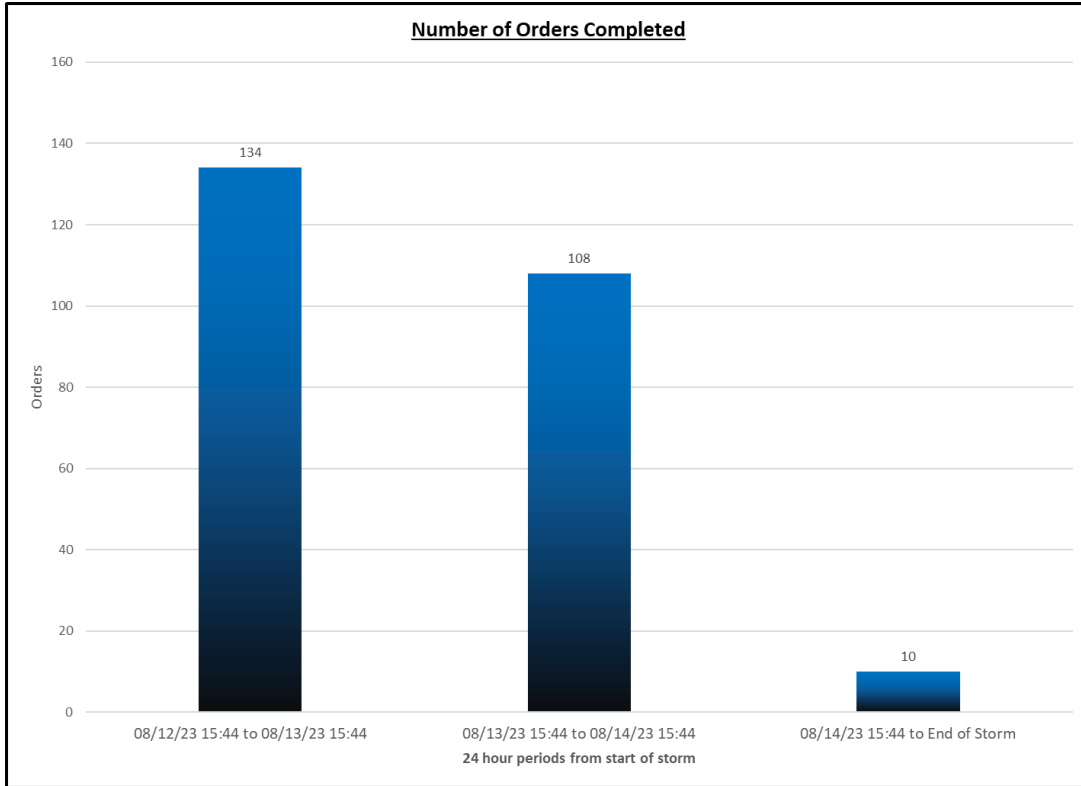
Graphic 4: 24-Hour Total Precipitation: Sunday, August 13, 2023



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



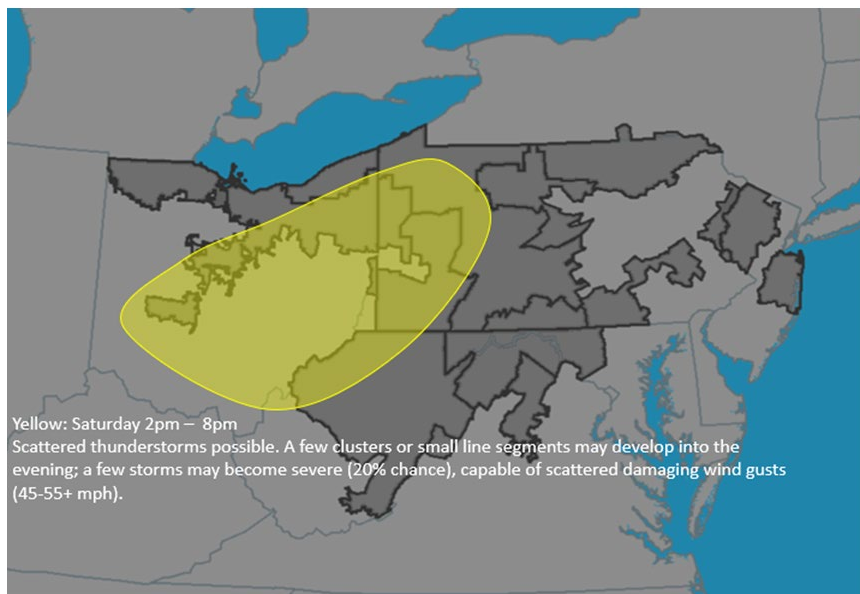
Attachment E: Meteorologist Reports

Thursday August 10, 2023 @ 1157

New Issuance:

Initial forecast for potential thunderstorm activity across western FE on Saturday afternoon and evening. A cold front moving through the area will likely cause scattered storm activity, some of which may be severe and be capable of pockets of scattered damaging wind gusts.

See graphic below for further information.



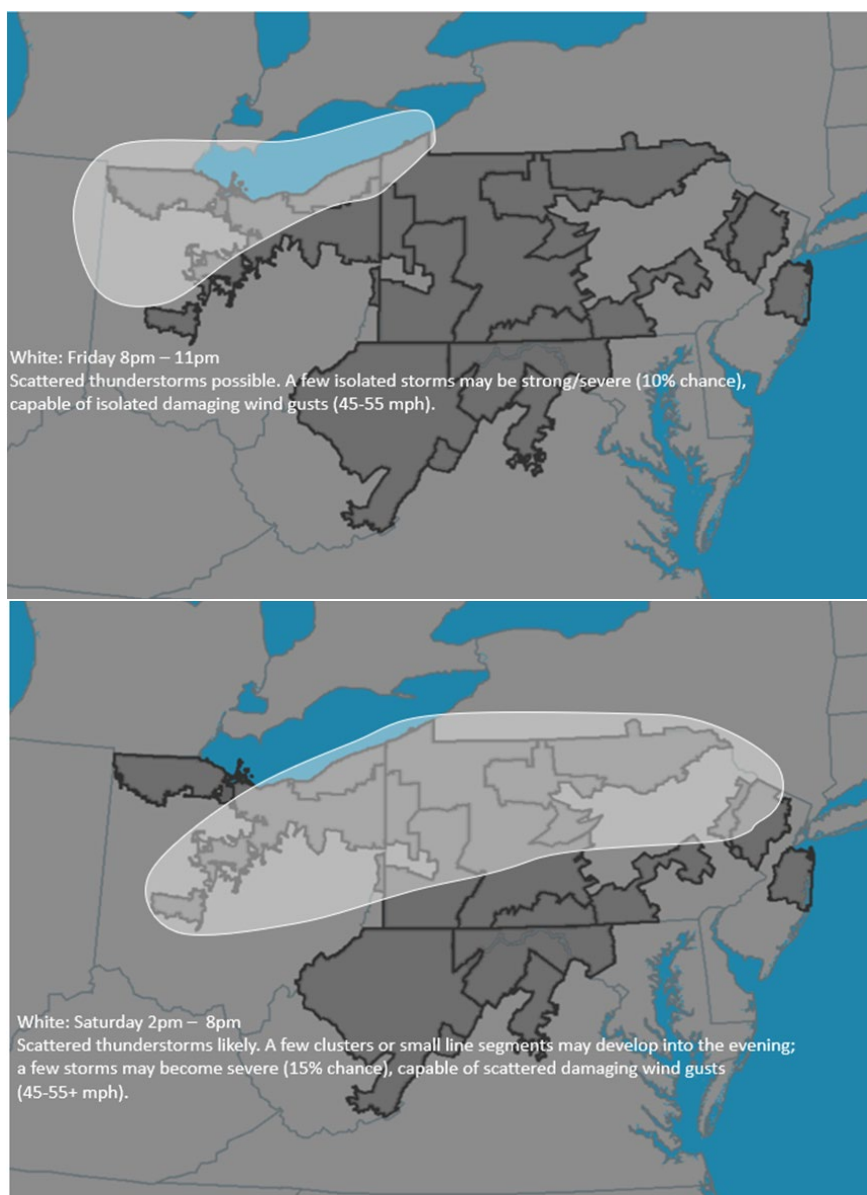
Friday August 11, 2023 @ 1005

Update:

Friday: Added a low risk of isolated/widely scattered storms for late Friday evening across far western FE.

Saturday: Generally expanded the risk area to include areas of northern PA and NJ. Slightly reduced the overall risk—this is due to storms are expected to be scattered across the broad area; conditions will generally support strong storms capable of damaging gusts in locations where storms do develop.

See graphics below for further information:

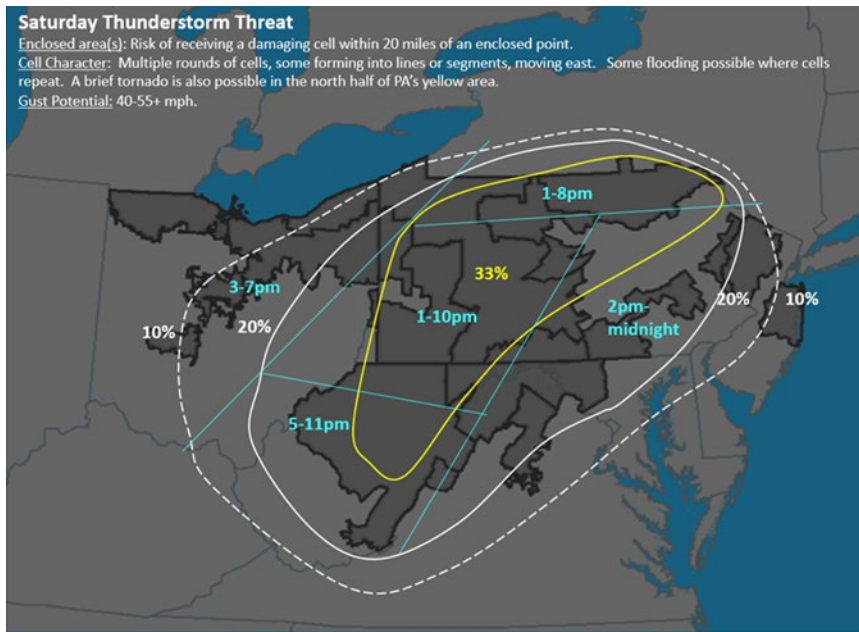


Saturday August 12, 2023 @ 0826

Changes: Expanded threat area and added details to timing and risk. Blue outlines are most likely time windows. Confidence is below normal with this panel, in particular with how widespread damaging cells will occur and exact timing.

We are also monitoring a system for FE-West and perhaps part of FE South Monday but will need to wait for more guidance to arrive to provide details. An alert for Monday's threat, should it be needed, will be issued tomorrow.

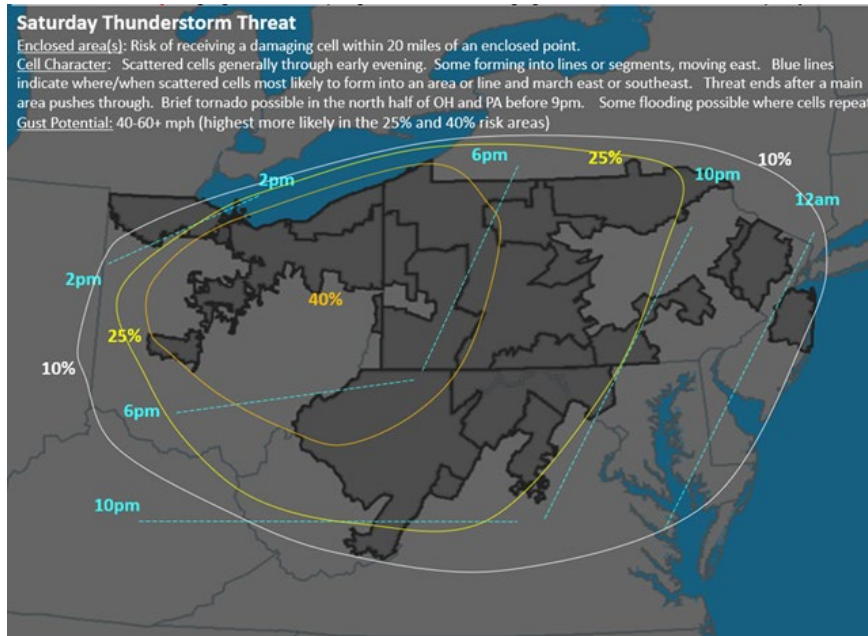
See graphics below for further information:



Saturday August 12, 2023 @ 1404

Changes: Heavily modified areas and risk levels based on ongoing storm formation at time of this issuance. Scattered cells anywhere within the 10%+ area (most of FE) through evening with the exception of where cells likely to organize and push through (timing given by blue lines and leading to higher risk levels as indicated). Confidence is below normal with how far south and east the 40% area extends.

See graphics below for further information:

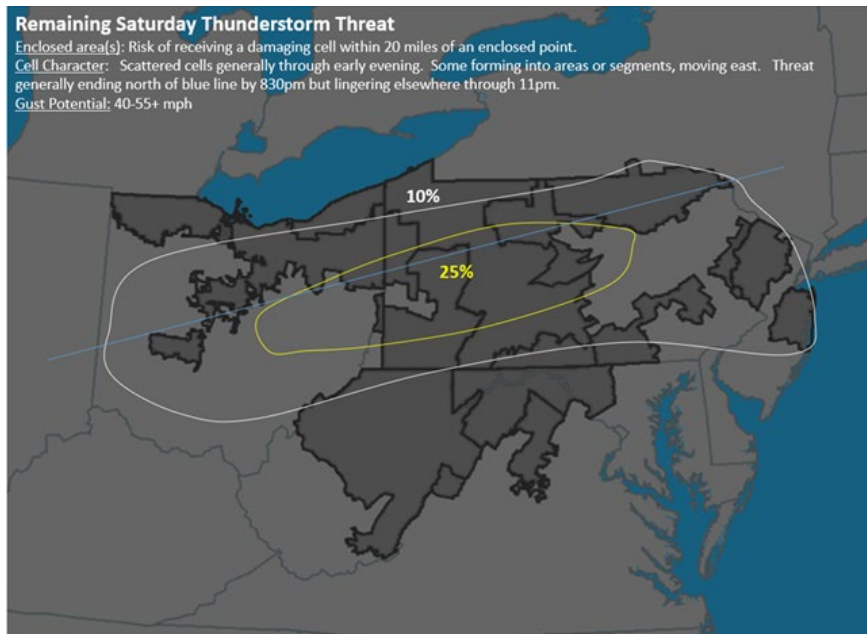


Saturday August 12, 2023 @ 1836

Changes: Cells much less organized than previously expected leading to elimination of south part of previous threat area, reduction of risk levels, and region of highest damage potential.

Cells lasting past 11pm although producing some lightning and heavy rain are not expected to produce wind damage.

See graphics below for further information:



Saturday August 12, 2023 @ 1956

Changes: Following progression of the damaging weather, removed areas no longer under threat. Given new area of cells that formed in OH had to extend slightly south threat area into north WV and include mention of a tornado through 11pm.

As mentioned in previous alert, cells lasting past 11pm although producing some lightning and heavy rain are not expected to produce wind damage but may produce flooding in the west half of PA, northern WV, and northwest MD.

