

Darsh Singh, Esq.

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August 19, 2024

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 –
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 Met-Ed Rate District (“Met-Ed”) submits written notification of completed restoration efforts following storm conditions that began on August 3, 2024 that caused multiple service interruptions in the Met-Ed 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 Met-Ed Rate District ("Met-Ed")
Address: 800 Cabin Hill Drive
Greensburg, PA 15601

2. Name and title of person making report:

John Hawkins
(Name)

President Operations
(Title)

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

4. Date and time report was made to Commission:

August 3, 2024
(Date)

2139
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 10,780 (Represents 1.9% of Met-Ed'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
Adams	117	2	6
Berks	5,071	52	45
Bucks	33	1	2
Cumberland	238	3	2
Dauphin	159	2	4
Lancaster	3	1	2
Lebanon	1,160	19	10
Lehigh	2	1	1
Monroe	1,335	23	8
Montgomery	1	1	2
Northampton	2,232	6	10
Pike	80	4	3
York	349	43	19
Total	10,780	158	114

- (d) Approximate number of outage cases exceeding 6 or more hours in duration: 78

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

See Attachment A.

Reason for the interruption or outages: Beginning on Saturday, August 3, 2024, a weather system moved through the Met-Ed service territory. The thunderstorm system produced lightning, winds, and precipitation with rain totals of approximately 2 inches. The maximum wind gusts associated with the system were approximately 35 miles per hour on Saturday, August 3, 2024. See Attachment B for the maximum wind gusts for August 3, and the 24-hour total precipitation for August 3, 2024.

Damage as a result of the weather system included downed trees and wires, damaged or broken poles and crossarms, and tree damage. Downed trees led to restoration challenges as it was sometimes difficult for crews to reach damaged equipment. The Reading and East Stroudsburg districts were the hardest hit areas. Approximately 54% of the total outages that occurred were tree related.

Preliminary data indicates the reliability impact of the storm was 7.4 minutes of SAIDI, 0.02 of SAIFI frequency, and an overall storm CAIDI of 397.5 minutes.

(g) Projected time of restoration: Due to the length of the outage event, global restoration times were not set. Individual restoration times were assigned to the orders. 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
Met-Ed	23	Line Workers
Penelec Rate District	32	Line Workers
West Penn Rate District	5	Line Workers
Subtotal	60	Line Workers
J.W. Didado	14	Line Contractors
NG Gilbert	10	Line Contractors
Subtotal	24	Line Contractors
Davey Tree	2	Forestry
Lewis Tree	18	Forestry
Nelson Tree	5	Forestry
Treesmiths	16	Forestry
Subtotal	41	Forestry
Met-Ed	11	Supporting Roles
Penelec Rate District	1	Supporting Roles
Subtotal	12	Supporting Roles
Grand Total	144	

(i) The date and time of the first information of a service interruption: August 3, 2024 at 1449.

(j) The date and time that repair crews were assembled: August 3, 2024 at 0600.

(k) The actual time that service was restored to the last affected customer: August 5, 2024 at 1333.

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

Equipment	Number
Primary Spans Down	175

Equipment	Number
Secondary Spans Down	39
Crossarms Replaced	29
Cutouts Replaced	28
Poles Replaced	10
Transformers Replaced	10
Wire & Cable Replaced (feet)	6,168

- (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.

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
1265974	Berks	2	2,708	08/03/2024 1625	08/05/2024 1333
1265970	Berks	5	2,659	08/03/2024 1625	08/05/2024 1244
1265952	Berks	75	2,632	08/03/2024 1625	08/05/2024 1217
1264677	Berks	4	2,617	08/03/2024 1625	08/05/2024 1202
1262607	Monroe	2	1,953	08/04/2024 0216	08/05/2024 1049
1261415	York	3	1,765	08/03/2024 1822	08/04/2024 2347
1264444	Berks	12	1,729	08/03/2024 1625	08/04/2024 2114
1262460	Berks	6	1,642	08/03/2024 1625	08/04/2024 1947
1263534	Berks	1	1,611	08/04/2024 0800	08/05/2024 1051
1263731	Berks	85	1,590	08/03/2024 1625	08/04/2024 1855
1260438	Monroe	1	1,548	08/03/2024 1523	08/04/2024 1711
1263837	Berks	15	1,538	08/03/2024 1625	08/04/2024 1803
1263686	Berks	207	1,532	08/03/2024 1625	08/04/2024 1757
1260954	Monroe	6	1,472	08/03/2024 1658	08/04/2024 1730
1262393	Berks	39	1,410	08/03/2024 1625	08/04/2024 1555
1260642	Monroe	77	1,410	08/03/2024 1535	08/04/2024 1505
1262885	Monroe	3	1,403	08/03/2024 1607	08/04/2024 1530
1262656	York	4	1,374	08/03/2024 1705	08/04/2024 1559
1260835	Monroe	3	1,355	08/03/2024 1640	08/04/2024 1515
1260258	Pike	2	1,345	08/03/2024 1459	08/04/2024 1324
1262387	Berks	238	1,341	08/03/2024 1625	08/04/2024 1446
1262714	Berks	22	1,336	08/03/2024 1621	08/04/2024 1437
1261644	Monroe	45	1,335	08/03/2024 1558	08/04/2024 1413
1260615	Monroe	5	1,317	08/03/2024 1603	08/04/2024 1400
1263397	Berks	38	1,273	08/03/2024 1625	08/04/2024 1338
1260715	Berks	213	1,270	08/03/2024 1629	08/04/2024 1339
1260703	Berks	4	1,265	08/03/2024 1623	08/04/2024 1328
1260784	Lebanon	9	1,261	08/03/2024 1527	08/04/2024 1228
1260727	Berks	1	1,233	08/03/2024 1627	08/04/2024 1300
1262660	York	1	1,227	08/03/2024 1729	08/04/2024 1356
1261044	Berks	34	1,221	08/03/2024 1711	08/04/2024 1332
1260250	Berks	1	1,221	08/03/2024 1458	08/04/2024 1119

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.

Met-Ed 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
1260914	Berks	13	1,212	08/03/2024 1653	08/04/2024 1305
1264077	Berks	5	1,161	08/04/2024 1534	08/05/2024 1055
1260794	Berks	18	1,157	08/03/2024 1635	08/04/2024 1152
1260671	Berks	118	1,129	08/03/2024 1616	08/04/2024 1105
1260785	Berks	1	1,111	08/03/2024 1634	08/04/2024 1105
1260233	York	1	1,104	08/03/2024 1453	08/04/2024 0917
1260751	Berks	1	1,079	08/03/2024 1630	08/04/2024 1029
1260740	Berks	884	1,073	08/03/2024 1628	08/04/2024 1021
1262116	Berks	9	1,056	08/03/2024 2109	08/04/2024 1445
1262582	York	3	1,051	08/03/2024 1653	08/04/2024 1024
1261303	York	3	1,044	08/03/2024 1748	08/04/2024 1112
1261377	York	1	1,044	08/03/2024 1810	08/04/2024 1134
1260638	Berks	2	997	08/03/2024 1609	08/04/2024 0846
1261248	Lebanon	2	974	08/03/2024 1734	08/04/2024 0948
1260961	York	12	962	08/03/2024 1659	08/04/2024 0901
1263119	York	2	935	08/03/2024 1707	08/04/2024 0842
1261460	York	1	921	08/03/2024 1834	08/04/2024 0955
1260979	York	4	901	08/03/2024 1703	08/04/2024 0804
1260628	Monroe	30	901	08/03/2024 1607	08/04/2024 0708
1260553	Monroe	1	875	08/03/2024 1551	08/04/2024 0626
1262693	Monroe	121	854	08/04/2024 0416	08/04/2024 1830
1260637	York	6	849	08/03/2024 1609	08/04/2024 0618
1262168	York	7	721	08/03/2024 2133	08/04/2024 0934
1260652	Pike	19	696	08/03/2024 1612	08/04/2024 0348
1260624	Monroe	44	639	08/03/2024 1606	08/04/2024 0245
1261427	York	2	633	08/03/2024 1737	08/04/2024 0410
1260994	York	40	622	08/03/2024 1705	08/04/2024 0327
1262581	York	12	614	08/03/2024 1653	08/04/2024 0307
1262673	Monroe	44	586	08/04/2024 0341	08/04/2024 1327
1260693	Berks	17	579	08/03/2024 1627	08/04/2024 0206
1261496	York	15	577	08/03/2024 1810	08/04/2024 0347
1263783	Berks	35	574	08/04/2024 1420	08/04/2024 2354
1261046	York	18	572	08/03/2024 1711	08/04/2024 0243
1260919	York	46	534	08/03/2024 1653	08/04/2024 0147
1263098	Lebanon	2	531	08/04/2024 0826	08/04/2024 1717
1263527	Monroe	8	524	08/04/2024 1122	08/04/2024 2006
1260621	Monroe	5	522	08/03/2024 1604	08/04/2024 0046

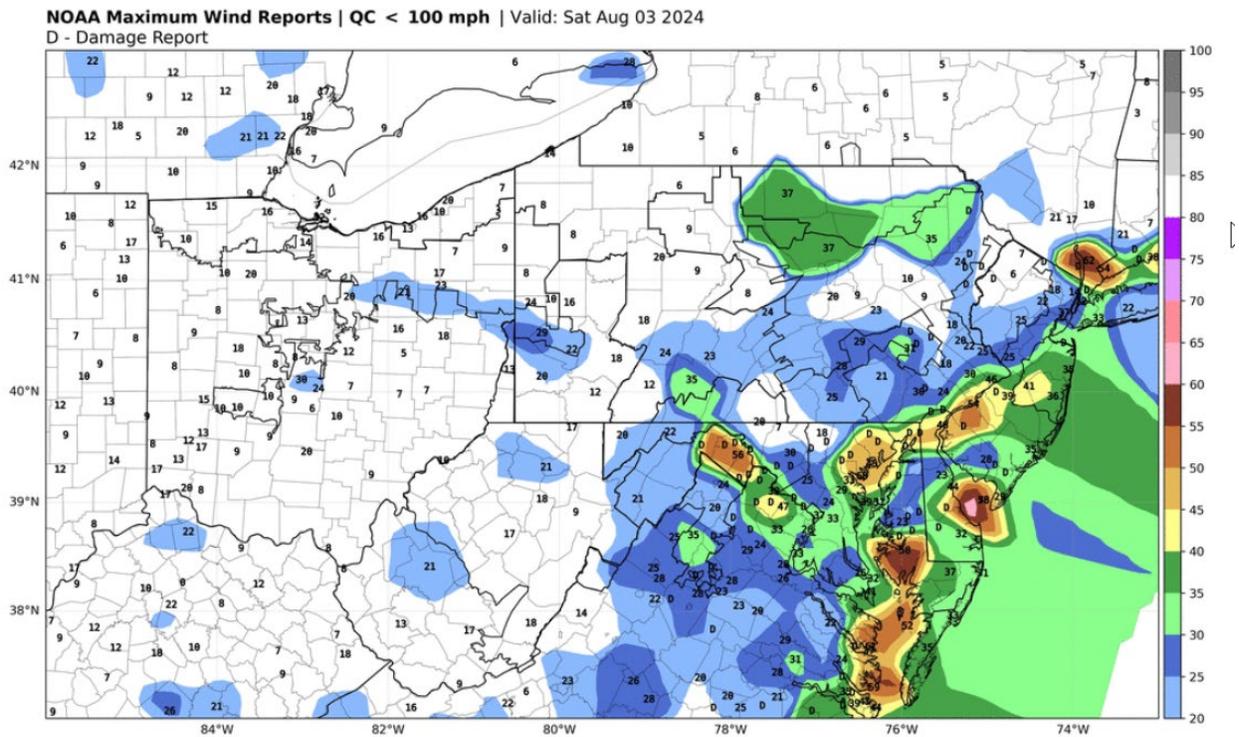
Met-Ed Rate District Storm Report

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
1262121	York	10	502	08/03/2024 2048	08/04/2024 0510
1263309	Berks	35	502	08/04/2024 0951	08/04/2024 1813
1263358	Lancaster	3	459	08/04/2024 0818	08/04/2024 1557
1261265	Berks	6	438	08/03/2024 1737	08/04/2024 0055
1260705	Berks	14	430	08/03/2024 1623	08/03/2024 2333
1261632	Berks	304	398	08/03/2024 1625	08/03/2024 2303
1262414	York	1	387	08/03/2024 2311	08/04/2024 0538
1263603	Monroe	15	387	08/04/2024 1157	08/04/2024 1824
1263626	Lebanon	1	371	08/04/2024 1221	08/04/2024 1832

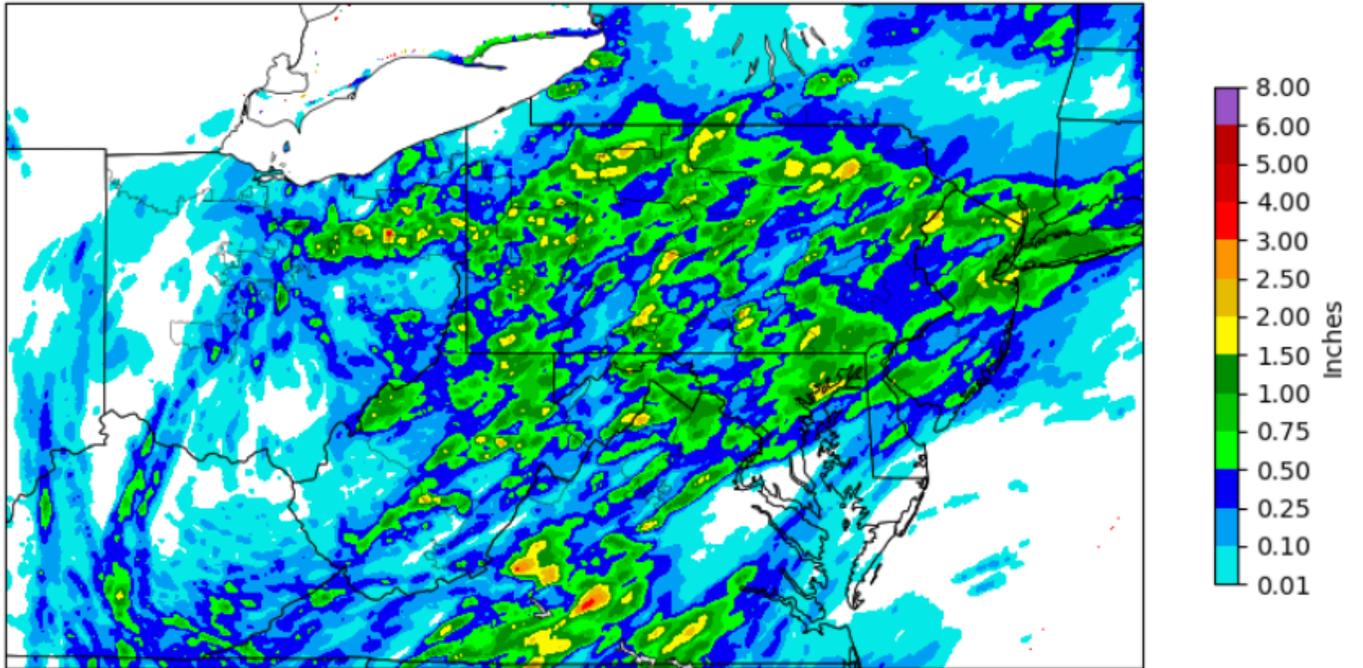
Attachment B: Wind and Precipitation Report

Wind and Precipitation Reports: Graphic 1 illustrates the maximum wind gusts in the Met-Ed service territory on August 3, 2024. Graphic 2 illustrates the 24-Hour Total Precipitation in the Met-Ed service territory on August 3, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

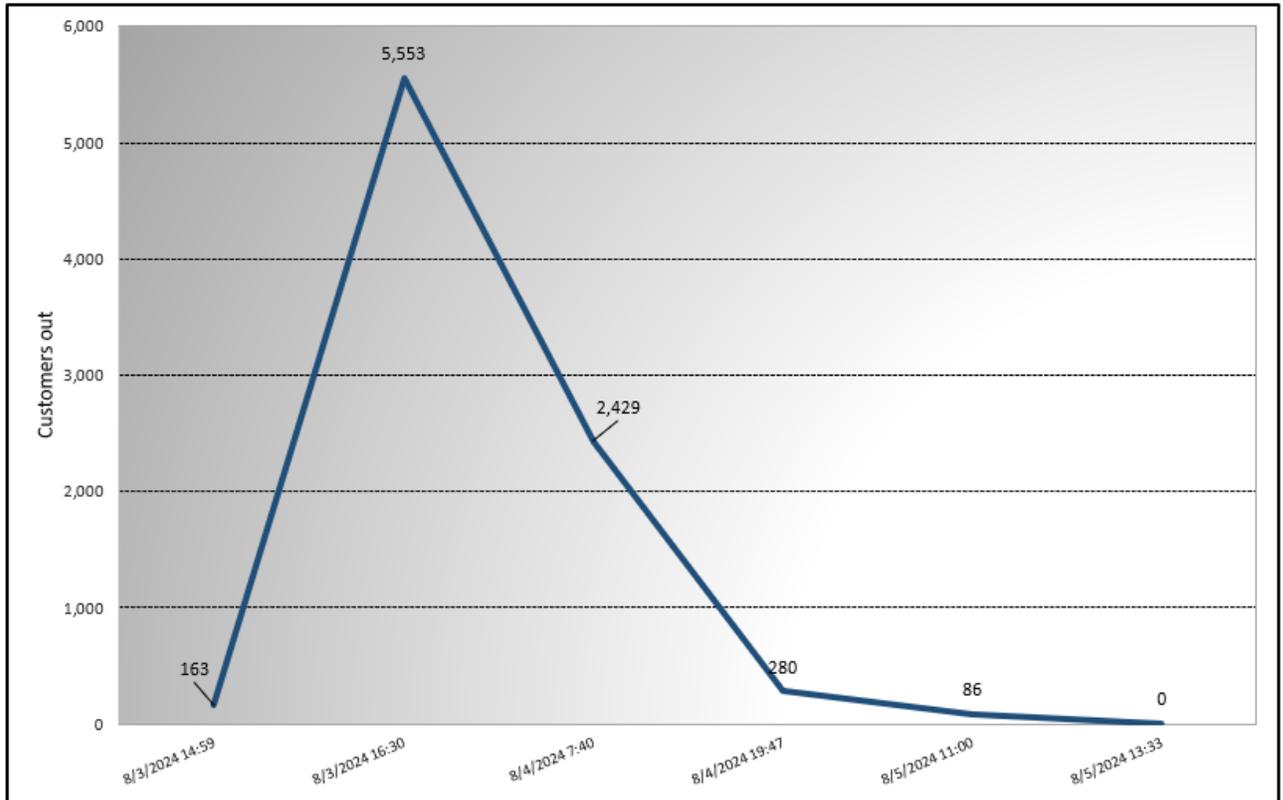
Graphic 1: Maximum Wind Gusts – Saturday, August 3, 2024



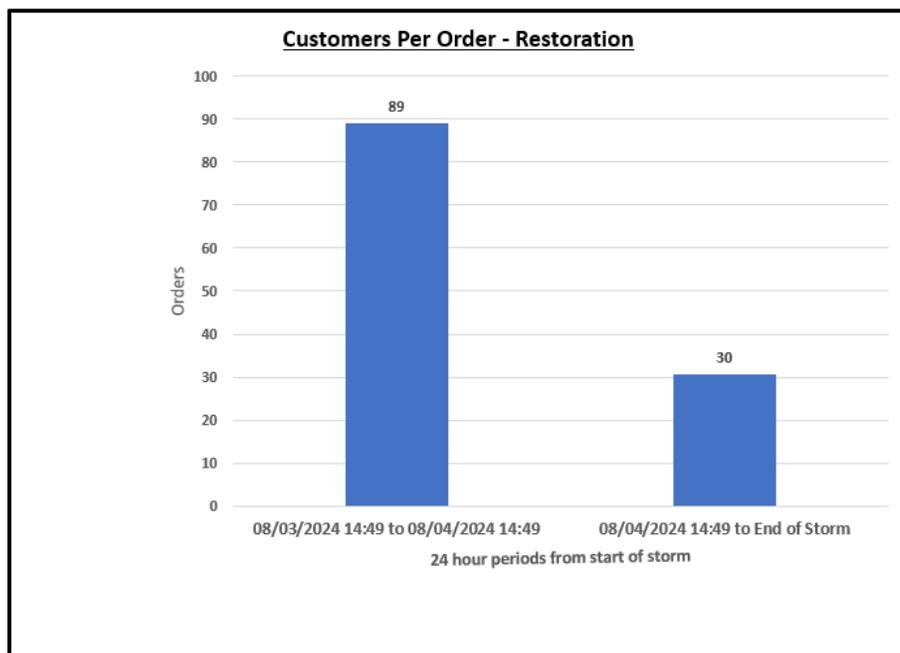
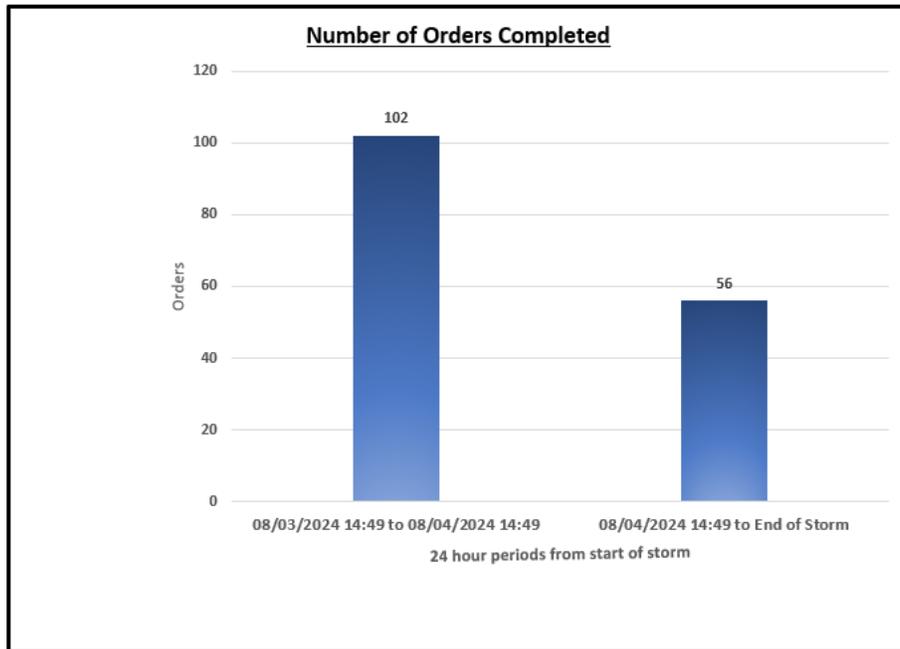
Graphic 2: 24-Hour Total Precipitation – Saturday, August 3, 2024



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs

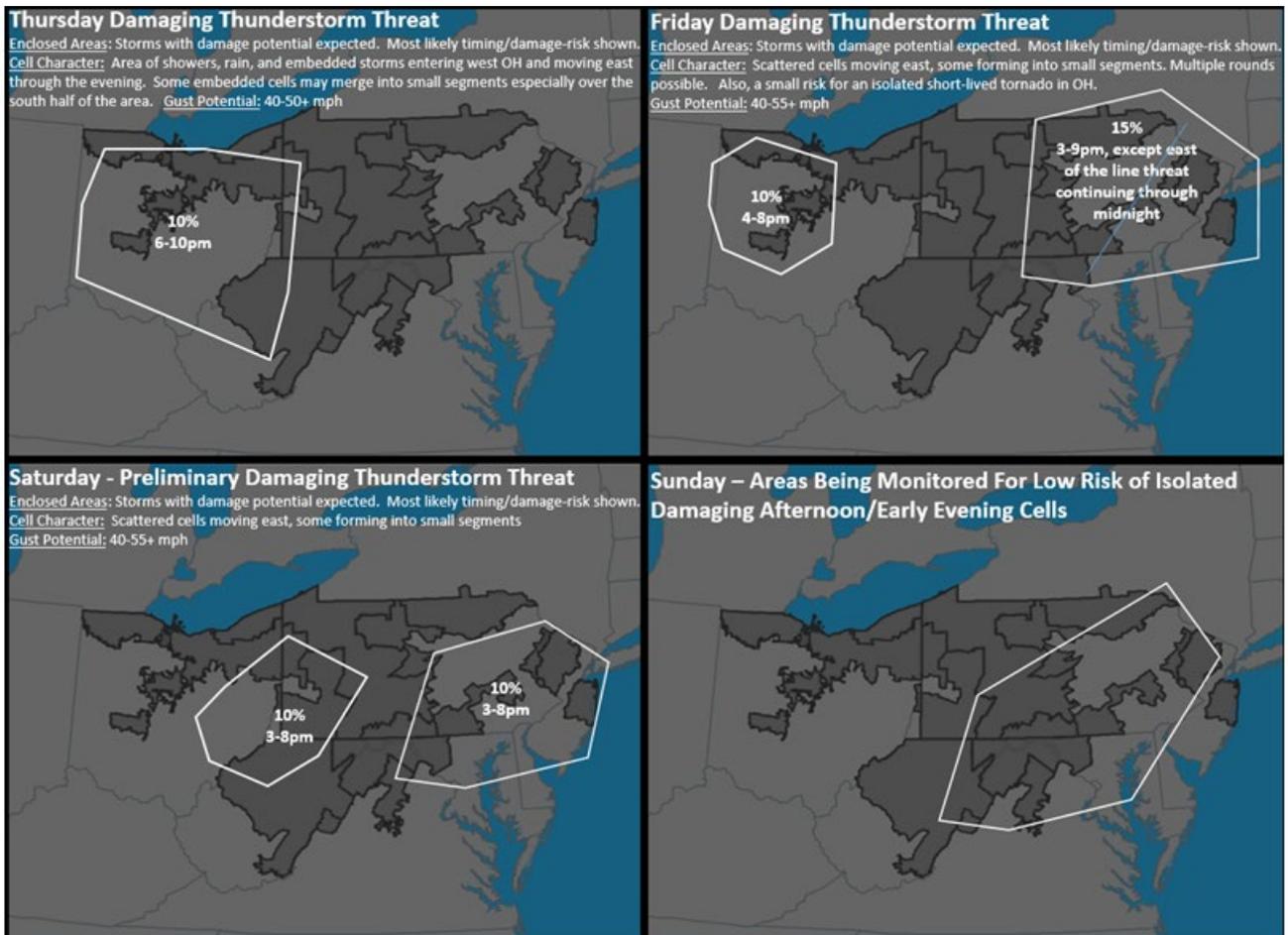


Attachment E: Meteorologist Reports

Thursday, August 1 2024 @ 1008

New issuance. A weather system will slowly weaken as it slowly moves east through FE over the next 4 days (including today). This brings with it the daily but low risk of damaging cells as depicted.

See graphics below for further information.

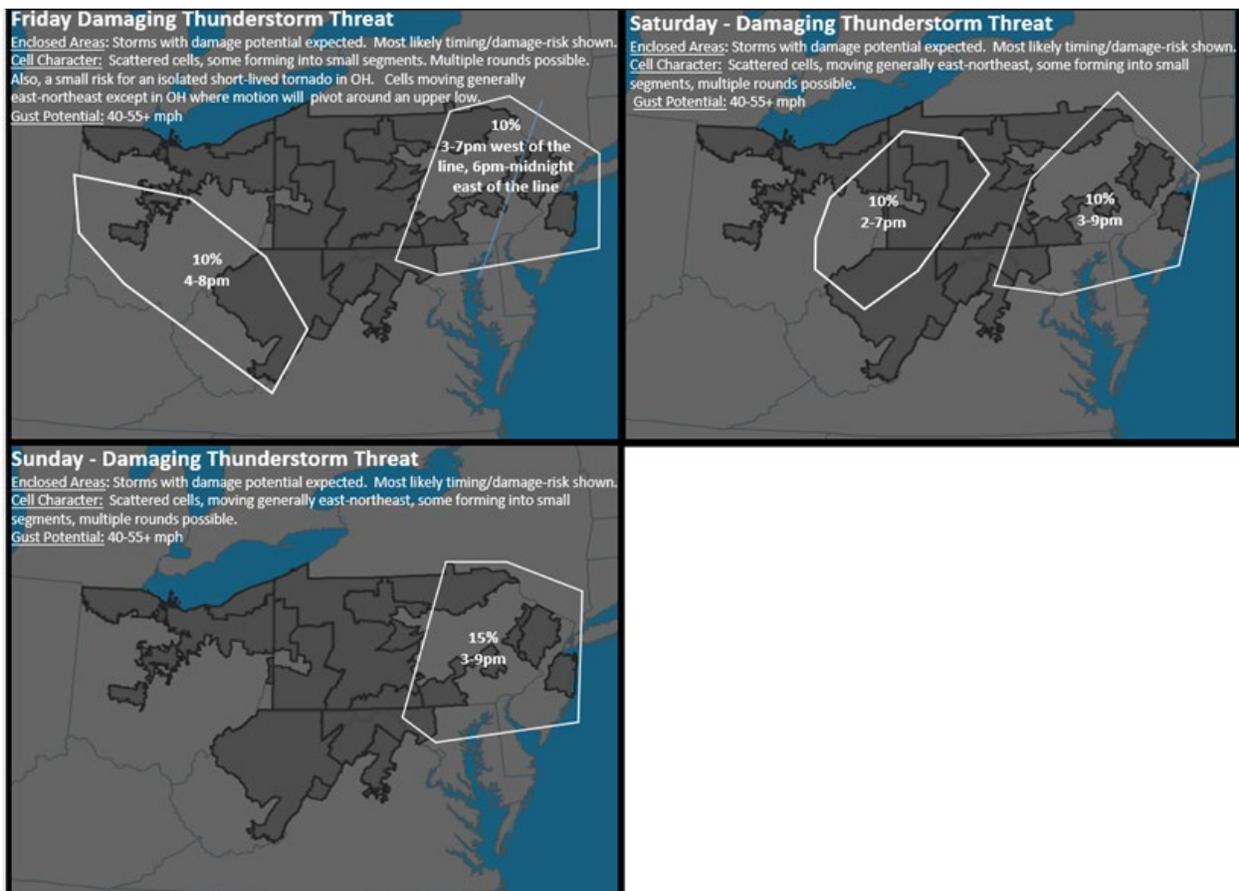


Friday, August 2 2024 @ 0947

Changes:

- 1. Today: Shifted and extended OH area south and east into WV. Reduced area in PA slightly. Fine-tuned timing.**
- 2. Saturday: Expanded areas in PA north. Fine-tuned timing.**
- 3. Sunday: Added details for threat and timing.**

See graphics below for further information.



Saturday, August 3, 2024 @ 0807

Changes:

1. Today: Expanded area in west PA northeast. Fine-tuned timing.
2. Sunday: Relegated threat area east of the depicted line and fine-tuned timing.

See graphics below for further information.

