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August 4, 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 –
Metropolitan Edison Company; Docket No. M-2021-3023564**

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Metropolitan Edison Company (“Met-Ed”) submits written notification of completed restoration efforts following storm conditions that began on July 21, 2023 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)
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: Metropolitan Edison Company ("Met-Ed")
Address: 800 Cabin Hill Road
Greensburg, PA 15601

2. Name and title of person making report:

<u>Scott Wyman</u>	<u>President, Pennsylvania Operations</u>
<i>(Name)</i>	<i>(Title)</i>

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

4. Date and time report was made to Commission:

<u>July 20, 2023</u>	<u>2143</u>
<i>(Date)</i>	<i>(Time)</i>

5. Interruption or Outage:
 - (a) Number of customers affected: 8,386 (Represents 1.45% 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	1,473	26	24
Berks	2,331	38	27
Bucks	278	7	7
Chester	33	1	0
Cumberland	1,081	16	16
Dauphin	9	1	0
Lancaster	4	2	2
Lebanon	694	5	6
Lehigh	2	1	0
Monroe	9	1	8
Montgomery	113	3	4
Northampton	19	4	8
York	2,340	59	41
Total	8,386	164	143

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 100

(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 Thursday afternoon, July 20, 2023, a weather system moved from west to east through Pennsylvania, reaching the Met-Ed service territory in the early morning hours on Friday, July 21, 2023. The system produced storms with heavy precipitation, lightning and wind gusts exceeding 40 miles per hour. See Attachment B for the maximum wind gusts and the 24-hour total precipitation for July 21, 2023.

Damage as a result of the storms included downed trees and wires, damaged or broken poles and crossarms, and damaged transformers. The Dillsburg, Hanover, Lebanon and Reading districts were the hardest hit areas. Approximately, 61.6% of the total outages that occurred were tree related with an additional 11% being lightning related.

Preliminary data indicates the reliability impact of the storm was 4.7 minutes of SAIDI, 0.0145 of SAIFI frequency, and an overall storm CAIDI of 323.3 minutes.

(g) Projected time of restoration: It was estimated that the majority of customers would be restored by 2300 on July 21, 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
Met-Ed	24	Line Workers
Subtotal	24	Line Workers
IB Able	7	Line Contractors
NG Gilbert	8	Line Contractors
JWD	4	Line Contractors
Henkels & McCoy	6	Line Contractors
Miller Bros.	18	Line Contractors
Subtotal	43	Line Contractors
Davey Tree	10	Forestry Contractor
Lewis Tree	45	Forestry Contractor
Nelson Tree	4	Forestry Contractor
Subtotal	59	Forestry Contractor
Met-Ed	18	Supporting Roles
Subtotal	18	Supporting Roles
Grand Total	144	

- (i) The date and time of the first information of a service interruption: July 21, 2023 at 0058.
- (j) The date and time that repair crews were assembled: Crews were held over with additional crews called in as needed.
- (k) The actual time that service was restored to the last affected customer: July 22, 2023 at 1800.
- (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	99
Secondary Spans Down	35
Crossarms Replaced	24
Cutouts Replaced	69

Equipment	Number
Poles Replaced	17
Transformers Replaced	14
Wire & Cable Replaced (feet)	1,525

- (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
547639	Cumberland	52	2,462	7/21/2023 0:58	7/22/2023 18:00
544826	Adams	3	2,395	7/21/2023 1:24	7/22/2023 17:19
547638	Cumberland	36	2,352	7/21/2023 0:58	7/22/2023 16:10
546270	Cumberland	64	2,333	7/21/2023 0:58	7/22/2023 15:51
542874	Adams	2	2,258	7/21/2023 1:30	7/22/2023 15:08
543842	Adams	3	2,049	7/21/2023 7:07	7/22/2023 17:16
546269	Cumberland	98	1,203	7/21/2023 0:58	7/21/2023 21:01
542751	Cumberland	194	1,153	7/21/2023 1:04	7/21/2023 20:17
545627	Berks	2	1,083	7/21/2023 14:52	7/22/2023 8:55
543543	Adams	1	1,067	7/21/2023 1:08	7/21/2023 18:55
542961	Adams	15	1,040	7/21/2023 1:58	7/21/2023 19:18
543299	Berks	2	990	7/21/2023 4:50	7/21/2023 21:20
543862	Adams	35	979	7/21/2023 1:31	7/21/2023 17:50
546600	York	3	975	7/22/2023 0:34	7/22/2023 16:49
543981	Adams	2	972	7/21/2023 1:08	7/21/2023 17:20
542884	Cumberland	7	937	7/21/2023 1:33	7/21/2023 17:10
543506	Cumberland	2	923	7/21/2023 2:33	7/21/2023 17:56
543033	Adams	1	915	7/21/2023 2:31	7/21/2023 17:46
543573	York	1	905	7/21/2023 6:04	7/21/2023 21:09
542831	Adams	1	897	7/21/2023 1:13	7/21/2023 16:10
545229	York	5	872	7/21/2023 3:54	7/21/2023 18:26
543028	York	1	862	7/21/2023 2:28	7/21/2023 16:50
543029	York	2	856	7/21/2023 2:29	7/21/2023 16:45
544599	York	19	849	7/21/2023 1:26	7/21/2023 15:35
542948	Adams	3	842	7/21/2023 1:53	7/21/2023 15:55
542862	Adams	4	830	7/21/2023 1:25	7/21/2023 15:15
542914	Cumberland	1	827	7/21/2023 1:41	7/21/2023 15:28
543975	Adams	1	816	7/21/2023 1:24	7/21/2023 15:00
543632	Adams	1	795	7/21/2023 1:24	7/21/2023 14:39

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.

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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
542905	Adams	11	770	7/21/2023 1:40	7/21/2023 14:30
543013	Cumberland	2	748	7/21/2023 2:21	7/21/2023 14:49
543777	York	2	730	7/21/2023 6:49	7/21/2023 18:59
545585	Berks	1	722	7/21/2023 14:39	7/22/2023 2:41
543050	Berks	25	719	7/21/2023 2:39	7/21/2023 14:38
543515	York	2	715	7/21/2023 5:46	7/21/2023 17:41
542896	Adams	6	708	7/21/2023 1:37	7/21/2023 13:25
543630	Adams	1	705	7/21/2023 6:20	7/21/2023 18:05
544481	Montgomery	29	696	7/21/2023 3:09	7/21/2023 14:45
543165	York	1	678	7/21/2023 3:32	7/21/2023 14:50
542799	Cumberland	6	673	7/21/2023 1:05	7/21/2023 12:18
543026	York	8	662	7/21/2023 2:28	7/21/2023 13:30
542877	York	2	655	7/21/2023 1:31	7/21/2023 12:26
542946	Adams	9	644	7/21/2023 1:52	7/21/2023 12:36
542992	York	11	627	7/21/2023 2:11	7/21/2023 12:38
542943	York	6	626	7/21/2023 1:51	7/21/2023 12:17
543320	Cumberland	1	613	7/21/2023 4:59	7/21/2023 15:12
544646	Adams	4	608	7/21/2023 1:22	7/21/2023 11:30
544008	York	1	604	7/21/2023 7:53	7/21/2023 17:57
543266	York	637	601	7/21/2023 1:33	7/21/2023 11:34
542860	York	8	600	7/21/2023 1:24	7/21/2023 11:24
544030	York	2	595	7/21/2023 8:02	7/21/2023 17:57
543203	Lehigh	2	590	7/21/2023 3:54	7/21/2023 13:44
544865	York	108	571	7/21/2023 1:33	7/21/2023 11:04
543039	York	20	568	7/21/2023 2:32	7/21/2023 12:00
544103	Adams	2	561	7/21/2023 8:20	7/21/2023 17:41
542996	York	9	561	7/21/2023 2:13	7/21/2023 11:34
542828	Cumberland	61	558	7/21/2023 1:12	7/21/2023 10:30
543319	Berks	7	556	7/21/2023 4:59	7/21/2023 14:15
542887	York	32	554	7/21/2023 1:34	7/21/2023 10:48
542861	Adams	7	542	7/21/2023 1:24	7/21/2023 10:26
544755	Berks	2	539	7/21/2023 2:44	7/21/2023 11:43
545715	Berks	1	528	7/21/2023 15:29	7/22/2023 0:17
543246	York	3	527	7/21/2023 4:23	7/21/2023 13:10

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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
543708	York	1	526	7/21/2023 6:44	7/21/2023 15:30
543204	York	5	522	7/21/2023 3:54	7/21/2023 12:36
546113	Bucks	19	521	7/21/2023 17:17	7/22/2023 1:58
544636	Adams	97	520	7/21/2023 1:22	7/21/2023 10:02
542929	York	28	519	7/21/2023 1:46	7/21/2023 10:25
542924	York	25	516	7/21/2023 1:45	7/21/2023 10:21
543040	Berks	153	514	7/21/2023 2:32	7/21/2023 11:06
543695	Lebanon	24	499	7/21/2023 2:35	7/21/2023 10:54
545886	Berks	3	498	7/21/2023 16:45	7/22/2023 1:03
547250	Berks	1	494	7/22/2023 9:26	7/22/2023 17:40
542959	York	9	493	7/21/2023 1:58	7/21/2023 10:11
544385	York	145	491	7/21/2023 1:33	7/21/2023 9:44
545429	Berks	6	491	7/21/2023 9:29	7/21/2023 17:40
543073	Berks	5	488	7/21/2023 2:47	7/21/2023 10:55
543650	York	8	472	7/21/2023 6:27	7/21/2023 14:19
544625	York	2	467	7/21/2023 2:13	7/21/2023 10:00
543153	Berks	43	465	7/21/2023 3:25	7/21/2023 11:10
543067	Berks	66	464	7/21/2023 2:44	7/21/2023 10:28
543383	York	2	460	7/21/2023 5:10	7/21/2023 12:50
543698	York	25	446	7/21/2023 6:41	7/21/2023 14:07
547042	Adams	1	430	7/22/2023 6:20	7/22/2023 13:30
543187	York	37	429	7/21/2023 3:42	7/21/2023 10:51
543074	York	28	418	7/21/2023 2:47	7/21/2023 9:45
543201	Berks	3	413	7/21/2023 3:52	7/21/2023 10:45
544813	York	1	412	7/21/2023 10:40	7/21/2023 17:32
547119	York	1	411	7/22/2023 7:21	7/22/2023 14:12
543121	Chester	33	401	7/21/2023 3:09	7/21/2023 9:50
547350	Berks	17	395	7/22/2023 6:10	7/22/2023 12:45
543159	Lebanon	293	394	7/21/2023 2:02	7/21/2023 8:36
544004	Berks	1	390	7/21/2023 7:51	7/21/2023 14:21
543765	York	1	387	7/21/2023 6:47	7/21/2023 13:14
543114	Berks	7	381	7/21/2023 3:09	7/21/2023 9:30
544360	York	2	379	7/21/2023 9:02	7/21/2023 15:21
544132	Cumberland	1	376	7/21/2023 8:26	7/21/2023 14:42

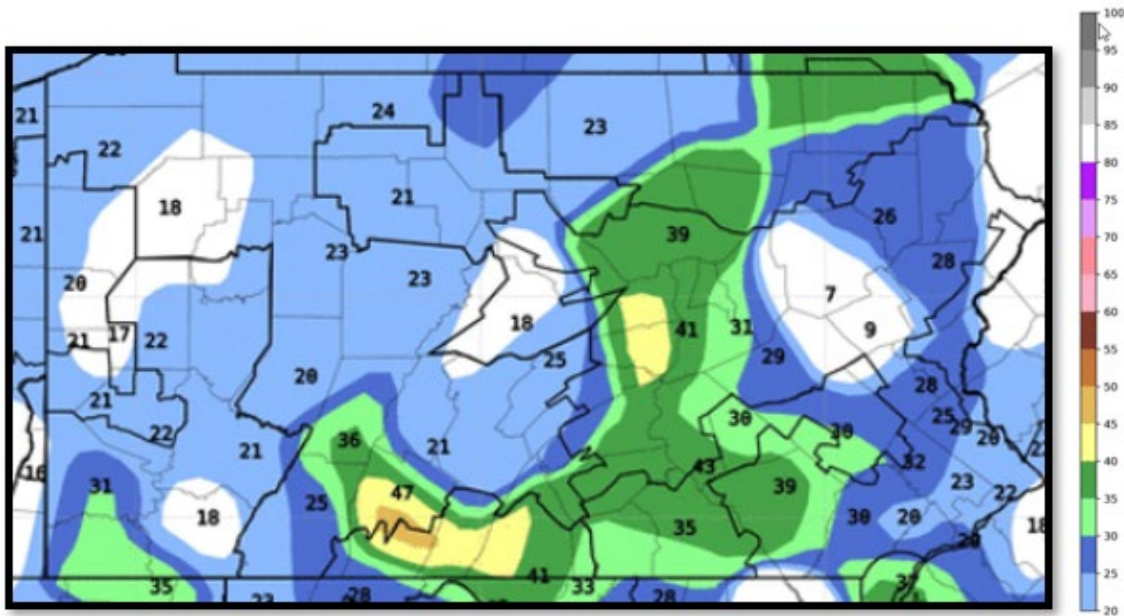
Metropolitan Edison Report

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
543117	Berks	189	366	7/21/2023 3:09	7/21/2023 9:15
542875	Adams	30	365	7/21/2023 1:31	7/21/2023 7:36
543158	Berks	2	362	7/21/2023 3:28	7/21/2023 9:30

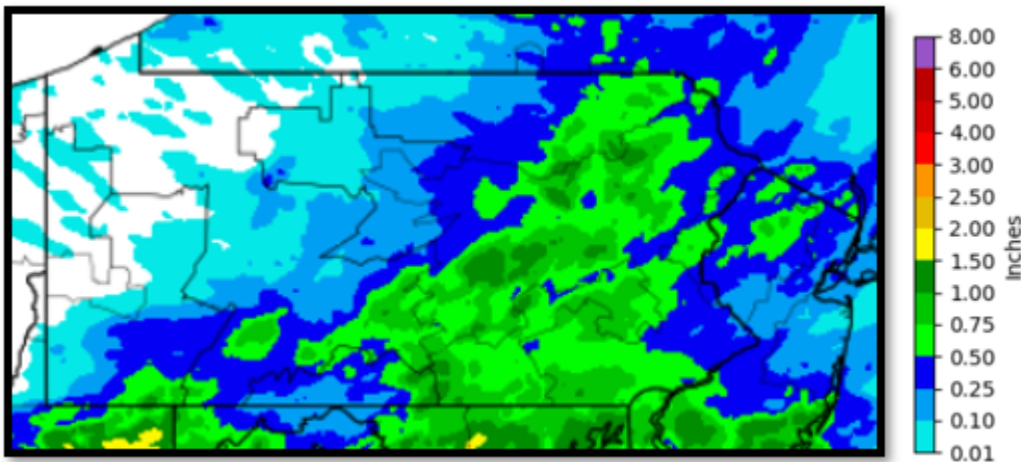
Attachment B: Wind and Precipitation Report

Wind and Precipitation Reports: Graphic 1 illustrates the maximum wind gusts in the Met-Ed service territory on July 21, 2023. Graphic 2 illustrates precipitation in the Met-Ed service territory on July 21, 2023. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

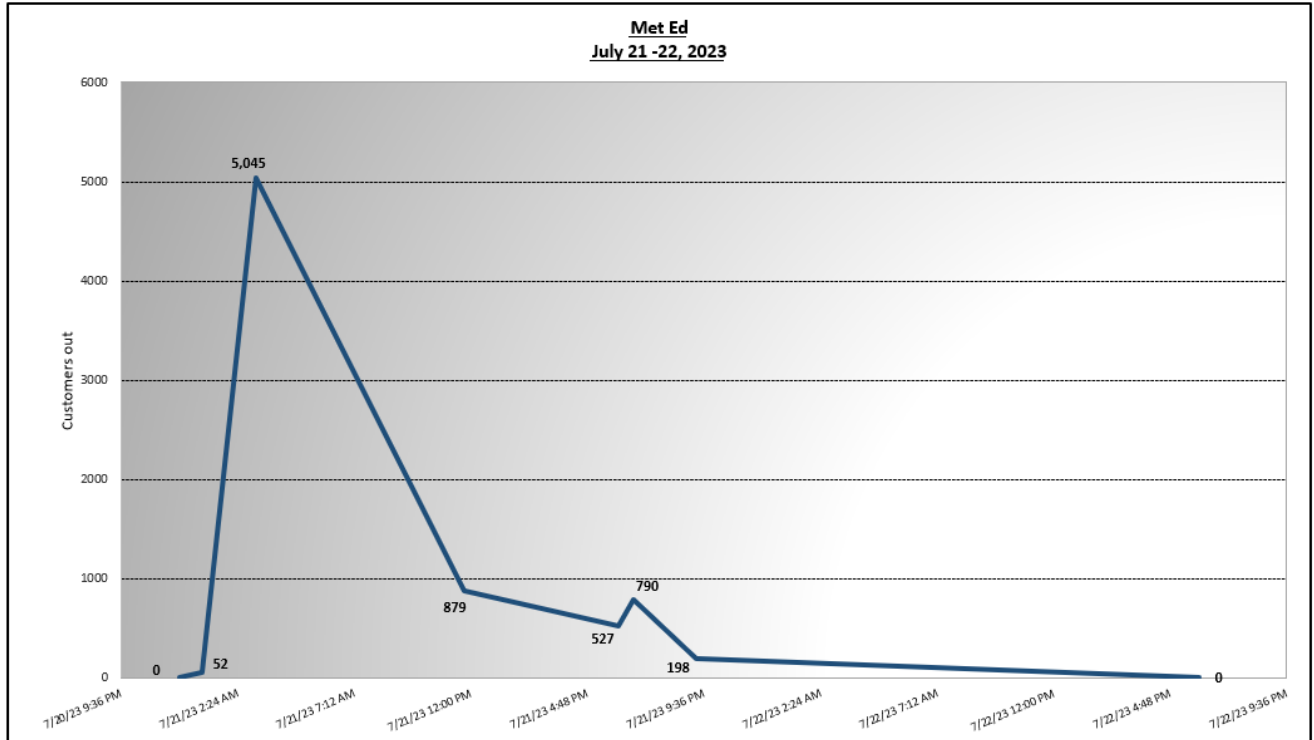
Graphic 1: Wind Gusts – Friday, July 21, 2023



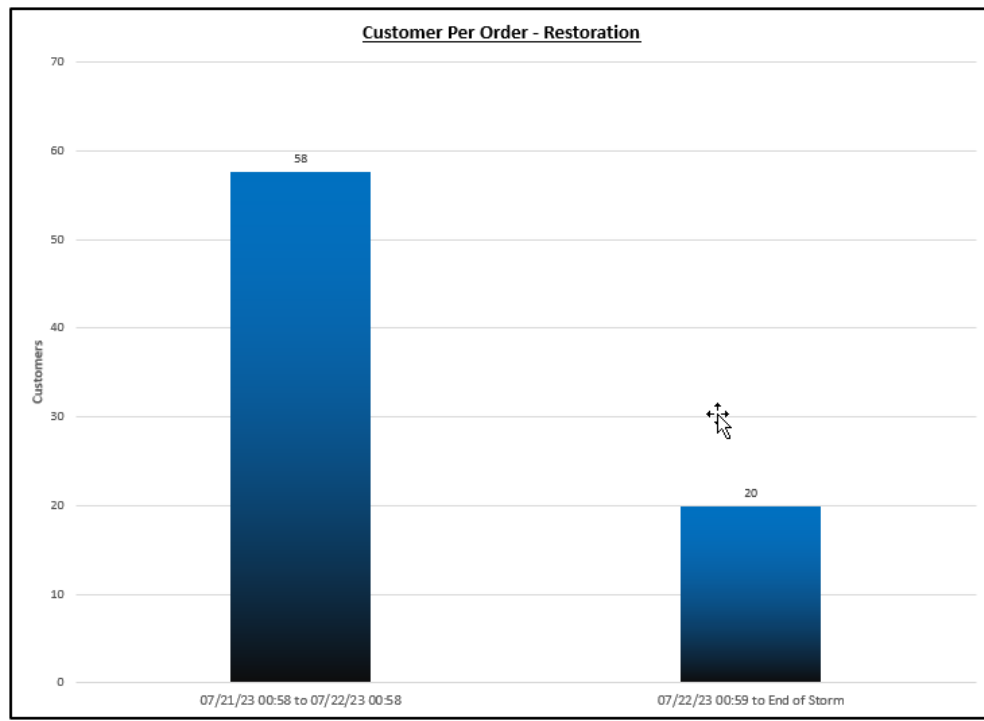
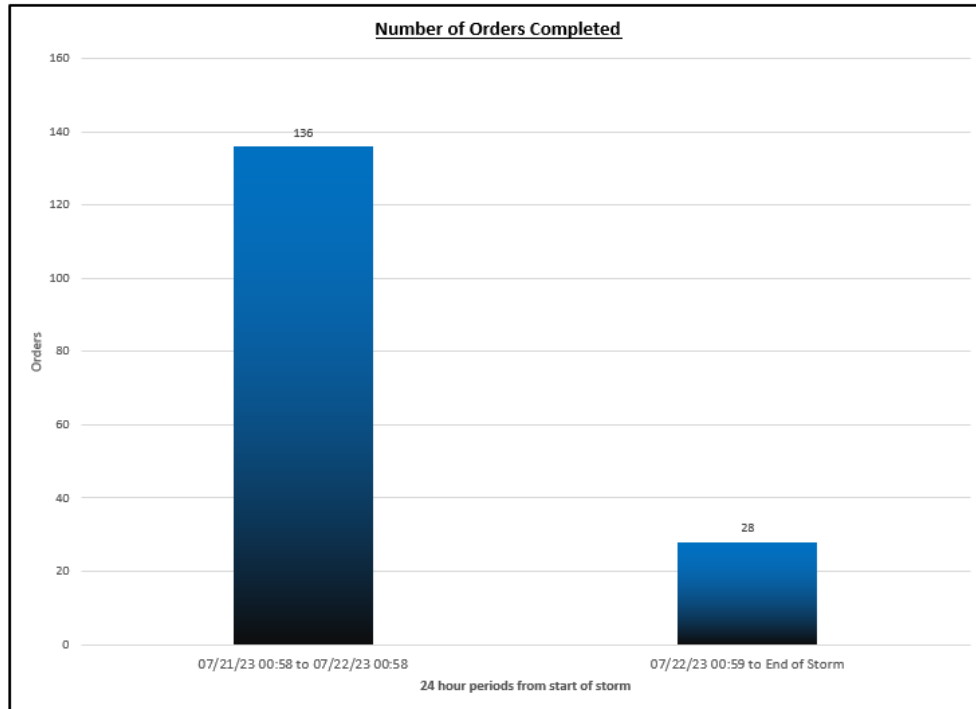
Graphic 2: 24-Hour Total Precipitation – July 21, 2023



Attachment C: Order Restoration Curve



Attachment D: Order Restoration Graphs



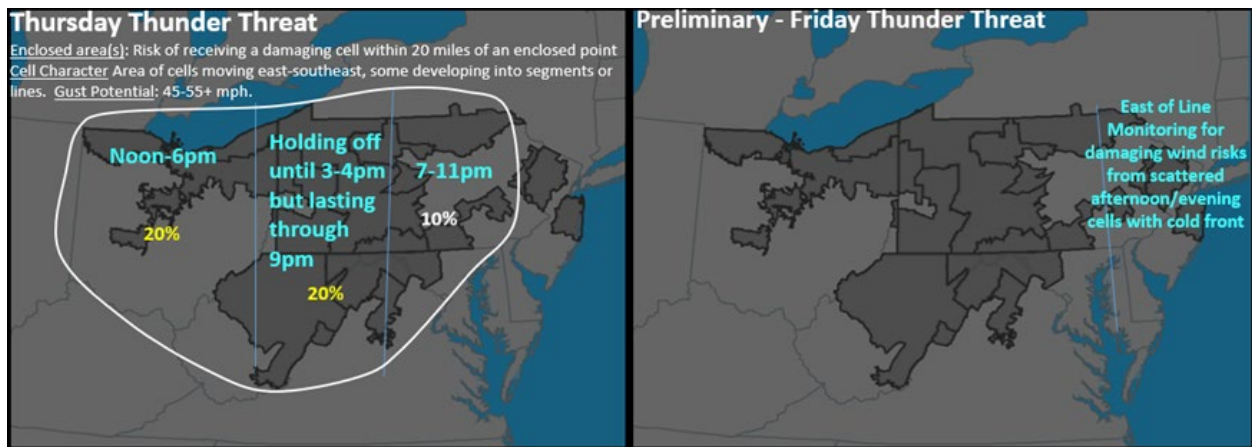
Attachment E: Meteorologist Reports

Wednesday, July 19, 2023 @ 0947

Changes:

1. Today: Removed threat.
2. Thursday: Added details of threat level and timing with storms ahead of a front. Confidence is above normal cells will form and push through the outlined area, but slightly below normal with coverage and hence risk levels of damage.
3. Friday: Added indication of residual threat from the. Confidence is normal for this panel.

See graphics below for further information.



Thursday, July 20, 2023 @ 1640

Changes:

- Only update this evening is raise risk for severe storms with damaging wind gusts for areas of northeast OH and northwest PA. A line of severe storms has developed over Michigan this afternoon and will cross Lake Erie and impact these areas later this evening. This line will bring the potential for both widespread and significant (60+ mph) damaging wind gusts.

Otherwise, there are no major changes to other areas of the forecast for this evening for tomorrow at this time. Only small adjustment is to timing of potential storms Friday afternoon across eastern PA and NJ.

See graphics below for further information.

