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August 29, 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 August 13, 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 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:
August 13, 2023 0704
(Date) *(Time)*

5. Interruption or Outage:
 - (a) Number of customers affected: 20,399 (Represents 3.53% 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	44	9	6
Berks	10,742	195	270
Bucks	227	8	7
Chester	22	4	0
Cumberland	654	2	5
Dauphin	6	3	0
Lancaster	46	2	4
Lebanon	464	12	14
Lehigh	1	1	0
Monroe	29	6	23
Montgomery	2,624	22	51
Northampton	5,180	17	26
York	360	16	66
Total	20,399	297	472

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 199

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

(f) Reason for the interruption or outages: On Saturday, August 12, 2023, a weather system moved through Pennsylvania, reaching the Met-Ed service territory in the early hours of Sunday, August 13, 2023. The system produced storms with heavy precipitation, lightning, and wind gusts of approximately 45 miles per hour. See Attachment B for the maximum wind gusts and the 24-hour total precipitation for August 12 and August 13, 2023.

Damage as a result of the storms included downed trees and wires, damaged or broken poles and crossarms, and damaged transformers. The Reading and Boyertown districts were the hardest hit areas. Approximately 60.6% of the total outages were tree related.

Preliminary data indicates the reliability impact of the storm was 18.6 minutes of SAIDI, 0.0353 of SAIFI frequency, and an overall storm CAIDI of 526.5 minutes.

(g) Projected time of restoration: It was estimated that the majority of customers affected by the storms would be restored by 2300 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
Met-Ed	76	Line Workers
Subtotal	76	Line Workers
Agostino Utilities LLC	65	Line Contractors
IB Able	4	Line Contractors
NG Gilbert	3	Line Contractors
JW Didado	10	Line Contractors
Henkels & McCoy	22	Line Contractors
Miller Bros.	11	Line Contractors
Valiant Energy Service	10	Line Contractors
Subtotal	125	Line Contractors
Davey Tree	4	Forestry
Nelson Tree	20	Forestry
Lewis Tree	27	Forestry
Penn Line Service	8	Forestry
Subtotal	59	Forestry
Met-Ed	41	Hazard Responder/Damage Assessor
FirstEnergy Service Co.	1	Hazard Responder/Damage Assessor
Penelec	6	Hazard Responder/Damage Assessor
West Penn Power	1	Hazard Responder/Damage Assessor
Subtotal	49	Hazard Responder/Damage Assessor
Met-Ed	2	Supporting Roles
FirstEnergy Service Co.	1	Supporting Roles
Various Contractors	7	Supporting Roles
Subtotal	10	Supporting Roles
Grand Total	319	

- (i) The date and time of the first information of a service interruption: August 13, 2023 at 0012.
- (j) The date and time that repair crews were assembled: August 13, 2023 at 0030.
- (k) The actual time that service was restored to the last affected customer: August 15, 2023 at 2058.

- (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	269
Secondary Spans Down	50
Crossarms Replaced	33
Cutouts Replaced	49
Poles Replaced	30
Transformers Replaced	8
Wire & Cable Replaced (feet)	14,365

- (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
608917	Berks	3	4,118	8/13/2023 0:20	8/15/2023 20:58
600903	Berks	2	3,897	8/13/2023 0:34	8/15/2023 17:31
603017	Berks	4	3,765	8/13/2023 0:20	8/15/2023 15:05
604599	Berks	1	3,599	8/13/2023 0:24	8/15/2023 12:23
602818	Berks	1	3,320	8/13/2023 9:22	8/15/2023 16:42
601347	Berks	1	2,708	8/13/2023 1:10	8/14/2023 22:18
600836	Berks	38	2,658	8/13/2023 0:31	8/14/2023 20:49
607187	Berks	1	2,611	8/13/2023 0:33	8/14/2023 20:04
604725	Berks	1	2,593	8/13/2023 0:17	8/14/2023 19:30
601313	Berks	16	2,578	8/13/2023 0:19	8/14/2023 19:17
600842	Berks	1	2,444	8/13/2023 0:31	8/14/2023 17:15
604133	Berks	1	2,430	8/13/2023 0:30	8/14/2023 17:00
604708	Montgomery	1	2,420	8/13/2023 0:34	8/14/2023 16:54
605017	Berks	1	2,395	8/13/2023 0:23	8/14/2023 16:18
604724	Berks	3	2,392	8/13/2023 0:38	8/14/2023 16:30
604203	Berks	40	2,376	8/13/2023 0:34	8/14/2023 16:10
602912	Berks	3	2,337	8/13/2023 0:18	8/14/2023 15:15
604556	Berks	1	2,323	8/13/2023 0:50	8/14/2023 15:33
600985	Montgomery	1	2,319	8/13/2023 0:39	8/14/2023 15:18
602822	Berks	2	2,287	8/13/2023 0:38	8/14/2023 14:45
602928	Berks	3	2,287	8/13/2023 0:18	8/14/2023 14:25
601525	Montgomery	1	2,260	8/13/2023 1:51	8/14/2023 15:31
601421	Berks	48	2,230	8/13/2023 1:27	8/14/2023 14:37
605859	Berks	3	2,217	8/13/2023 0:19	8/14/2023 13:16
605863	Berks	3	2,213	8/13/2023 0:19	8/14/2023 13:12
600830	Montgomery	130	2,202	8/13/2023 0:31	8/14/2023 13:13
601295	Berks	7	2,196	8/13/2023 1:00	8/14/2023 13:36
600938	Berks	144	2,184	8/13/2023 0:35	8/14/2023 12:59
601009	Berks	1	2,174	8/13/2023 0:40	8/14/2023 12:54

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.

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
600851	Berks	4	2,173	8/13/2023 0:32	8/14/2023 12:45
602171	Berks	2	2,142	8/13/2023 0:49	8/14/2023 12:31
604736	Berks	1	2,138	8/13/2023 0:30	8/14/2023 12:08
601953	Berks	1	2,122	8/13/2023 2:33	8/14/2023 13:55
604557	Berks	1	2,113	8/13/2023 2:17	8/14/2023 13:30
602228	Berks	4	2,081	8/13/2023 4:06	8/14/2023 14:47
601276	Montgomery	4	2,079	8/13/2023 0:58	8/14/2023 11:37
602489	Berks	1	2,054	8/13/2023 6:20	8/14/2023 16:34
604866	Berks	378	2,043	8/13/2023 0:12	8/14/2023 10:15
602909	Montgomery	1	2,038	8/13/2023 8:21	8/14/2023 18:19
601103	Montgomery	6	2,023	8/13/2023 0:47	8/14/2023 10:30
604679	Berks	60	2,012	8/13/2023 0:19	8/14/2023 9:51
600990	Berks	2	1,998	8/13/2023 0:39	8/14/2023 9:57
605068	Montgomery	9	1,997	8/13/2023 0:43	8/14/2023 10:00
600913	Berks	9	1,991	8/13/2023 0:34	8/14/2023 9:45
600962	Berks	9	1,977	8/13/2023 0:37	8/14/2023 9:34
600699	Berks	3	1,975	8/13/2023 0:25	8/14/2023 9:20
601834	Northampton	9	1,964	8/13/2023 2:20	8/14/2023 11:04
602926	Berks	5	1,944	8/13/2023 8:26	8/14/2023 16:50
603073	Berks	1	1,923	8/13/2023 9:14	8/14/2023 17:17
600897	Berks	44	1,904	8/13/2023 11:14	8/14/2023 18:58
603132	Berks	1	1,859	8/13/2023 9:39	8/14/2023 16:38
602553	Berks	3	1,828	8/13/2023 6:47	8/14/2023 13:15
604782	Montgomery	5	1,785	8/13/2023 6:08	8/14/2023 11:53
603452	Berks	1	1,757	8/13/2023 11:30	8/14/2023 16:47
602357	Montgomery	7	1,731	8/13/2023 5:09	8/14/2023 10:00
604656	Berks	12	1,730	8/13/2023 4:51	8/14/2023 9:41
603029	Berks	1	1,677	8/13/2023 9:03	8/14/2023 13:00
603015	Berks	2	1,658	8/13/2023 8:58	8/14/2023 12:36
603105	Berks	1	1,632	8/13/2023 9:28	8/14/2023 12:40
603039	Montgomery	1	1,615	8/13/2023 9:07	8/14/2023 12:02
602866	Chester	1	1,600	8/13/2023 8:08	8/14/2023 10:48
602781	Berks	3	1,582	8/13/2023 7:46	8/14/2023 10:08
603252	Berks	2	1,579	8/13/2023 10:15	8/14/2023 12:34

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
605028	Berks	191	1,510	8/13/2023 0:17	8/14/2023 1:27
600840	Berks	6	1,482	8/13/2023 0:31	8/14/2023 1:13
604420	Berks	1	1,424	8/13/2023 18:30	8/14/2023 18:14
604601	Berks	1	1,413	8/13/2023 19:38	8/14/2023 19:11
602449	Berks	1	1,407	8/13/2023 6:05	8/14/2023 5:32
604729	Berks	271	1,400	8/13/2023 0:24	8/13/2023 23:44
603681	Berks	150	1,391	8/13/2023 0:19	8/13/2023 23:30
603672	Berks	4	1,381	8/13/2023 12:31	8/14/2023 11:32
604759	Berks	2	1,368	8/13/2023 20:41	8/14/2023 19:29
604346	Berks	1	1,364	8/13/2023 17:56	8/14/2023 16:40
603927	Berks	36	1,363	8/13/2023 12:37	8/14/2023 11:20
602414	Berks	12	1,358	8/13/2023 5:41	8/14/2023 4:19
603592	Berks	3	1,344	8/13/2023 12:02	8/14/2023 10:26
604812	Berks	3	1,267	8/13/2023 19:18	8/14/2023 16:25
604749	Berks	3	1,266	8/13/2023 16:14	8/14/2023 13:20
603077	Berks	204	1,249	8/13/2023 0:12	8/13/2023 21:01
600747	Berks	40	1,236	8/13/2023 0:27	8/13/2023 21:03
602867	Berks	20	1,234	8/13/2023 0:29	8/13/2023 21:03
600708	Berks	9	1,232	8/13/2023 0:25	8/13/2023 20:57
604563	Berks	1	1,216	8/13/2023 19:22	8/14/2023 15:38
600632	Berks	53	1,215	8/13/2023 0:21	8/13/2023 20:36
603497	Berks	233	1,215	8/13/2023 0:25	8/13/2023 20:40
604558	Berks	1	1,210	8/13/2023 16:28	8/14/2023 12:38
600829	Berks	102	1,184	8/13/2023 0:30	8/13/2023 20:14
604758	Montgomery	1	1,179	8/13/2023 20:39	8/14/2023 16:18
604315	Berks	2	1,178	8/13/2023 17:37	8/14/2023 13:15
600904	Montgomery	2	1,176	8/13/2023 0:34	8/13/2023 20:10
604381	Montgomery	70	1,171	8/13/2023 0:33	8/13/2023 20:04
600852	Berks	189	1,163	8/13/2023 0:32	8/13/2023 19:55
600978	Berks	6	1,163	8/13/2023 0:38	8/13/2023 20:01
602778	Berks	197	1,156	8/13/2023 0:14	8/13/2023 19:30
603043	Berks	16	1,151	8/13/2023 0:20	8/13/2023 19:31
600782	Berks	49	1,151	8/13/2023 0:28	8/13/2023 19:39
601064	Berks	12	1,150	8/13/2023 0:44	8/13/2023 19:54

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
600675	Chester	7	1,145	8/13/2023 0:24	8/13/2023 19:29
600812	Berks	15	1,134	8/13/2023 0:29	8/13/2023 19:23
604453	Berks	10	1,123	8/13/2023 14:02	8/14/2023 8:45
602518	Berks	124	1,119	8/13/2023 0:33	8/13/2023 19:12
601243	Berks	5	1,094	8/13/2023 0:54	8/13/2023 19:08
600673	Berks	16	1,086	8/13/2023 0:24	8/13/2023 18:30
601072	Berks	60	1,084	8/13/2023 0:45	8/13/2023 18:49
600635	Berks	18	1,083	8/13/2023 0:21	8/13/2023 18:24
600947	Berks	4	1,080	8/13/2023 0:30	8/13/2023 18:30
603354	Berks	119	1,069	8/13/2023 0:29	8/13/2023 18:18
600657	Berks	9	1,048	8/13/2023 0:23	8/13/2023 17:51
604879	Berks	23	1,046	8/13/2023 21:40	8/14/2023 15:06
602163	Berks	37	1,018	8/13/2023 0:37	8/13/2023 17:35
601773	Berks	14	1,015	8/13/2023 2:18	8/13/2023 19:13
600982	Berks	19	1,014	8/13/2023 0:38	8/13/2023 17:32
602506	Berks	223	1,005	8/13/2023 0:30	8/13/2023 17:15
601101	Berks	12	1,000	8/13/2023 0:47	8/13/2023 17:27
600750	Berks	23	993	8/13/2023 0:27	8/13/2023 17:00
600643	Berks	35	960	8/13/2023 0:22	8/13/2023 16:22
600966	Montgomery	131	948	8/13/2023 0:37	8/13/2023 16:25
602303	Berks	8	941	8/13/2023 4:39	8/13/2023 20:20
600926	Berks	10	940	8/13/2023 0:35	8/13/2023 16:15
602103	Northampton	11	931	8/13/2023 0:51	8/13/2023 16:22
603948	Berks	1	930	8/13/2023 0:50	8/13/2023 16:20
600820	Berks	22	902	8/13/2023 0:30	8/13/2023 15:32
600942	Montgomery	55	895	8/13/2023 0:36	8/13/2023 15:31
600789	Berks	30	879	8/13/2023 0:28	8/13/2023 15:07
605106	Berks	62	877	8/13/2023 22:26	8/14/2023 13:03
600886	Berks	2	875	8/13/2023 0:33	8/13/2023 15:08
600571	Berks	15	875	8/13/2023 0:14	8/13/2023 14:49
606309	Dauphin	4	859	8/14/2023 12:23	8/15/2023 2:42
600814	Berks	134	849	8/13/2023 0:29	8/13/2023 14:38
600595	Berks	99	848	8/13/2023 0:17	8/13/2023 14:25
600766	Berks	3	845	8/13/2023 0:27	8/13/2023 14:32

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
600883	Montgomery	55	843	8/13/2023 0:34	8/13/2023 14:37
602231	Berks	25	840	8/13/2023 1:04	8/13/2023 15:04
600583	Berks	17	836	8/13/2023 0:16	8/13/2023 14:12
601345	Berks	7	827	8/13/2023 1:10	8/13/2023 14:57
602018	Montgomery	51	825	8/13/2023 0:41	8/13/2023 14:26
601143	Berks	11	811	8/13/2023 0:50	8/13/2023 14:21
600760	Berks	85	792	8/13/2023 0:27	8/13/2023 13:39
600938	Berks	339	790	8/13/2023 0:35	8/13/2023 13:45
600991	Berks	14	786	8/13/2023 0:39	8/13/2023 13:45
602422	Berks	8	783	8/13/2023 5:48	8/13/2023 18:51
600843	Berks	30	777	8/13/2023 0:31	8/13/2023 13:28
601662	Berks	26	773	8/13/2023 0:34	8/13/2023 13:27
600994	Berks	19	771	8/13/2023 0:39	8/13/2023 13:30
602737	Monroe	4	769	8/13/2023 5:52	8/13/2023 18:41
600740	Berks	25	764	8/13/2023 0:26	8/13/2023 13:10
600611	Berks	87	761	8/13/2023 0:19	8/13/2023 13:00
603873	Berks	3	755	8/13/2023 13:50	8/14/2023 2:25
605690	Lehigh	1	753	8/14/2023 7:59	8/14/2023 20:32
602592	Berks	26	747	8/13/2023 0:34	8/13/2023 13:01
604787	Berks	20	742	8/13/2023 20:53	8/14/2023 9:15
607566	Berks	31	730	8/15/2023 3:03	8/15/2023 15:13
600616	Berks	25	721	8/13/2023 0:19	8/13/2023 12:20
602478	Berks	3	721	8/13/2023 6:15	8/13/2023 18:16
605633	Berks	1	710	8/14/2023 7:24	8/14/2023 19:14
601165	Northampton	170	701	8/13/2023 0:51	8/13/2023 12:32
601998	Berks	4	684	8/13/2023 2:42	8/13/2023 14:06
600644	Berks	152	683	8/13/2023 0:22	8/13/2023 11:45
600586	Berks	124	672	8/13/2023 0:16	8/13/2023 11:28
602626	Berks	294	669	8/13/2023 0:30	8/13/2023 11:39
600589	Berks	9	663	8/13/2023 0:43	8/13/2023 11:46
602867	Berks	517	661	8/13/2023 0:29	8/13/2023 11:30
602710	Bucks	2	655	8/13/2023 7:25	8/13/2023 18:20
600880	Berks	83	629	8/13/2023 0:33	8/13/2023 11:02
607518	Monroe	9	616	8/15/2023 2:00	8/15/2023 12:16

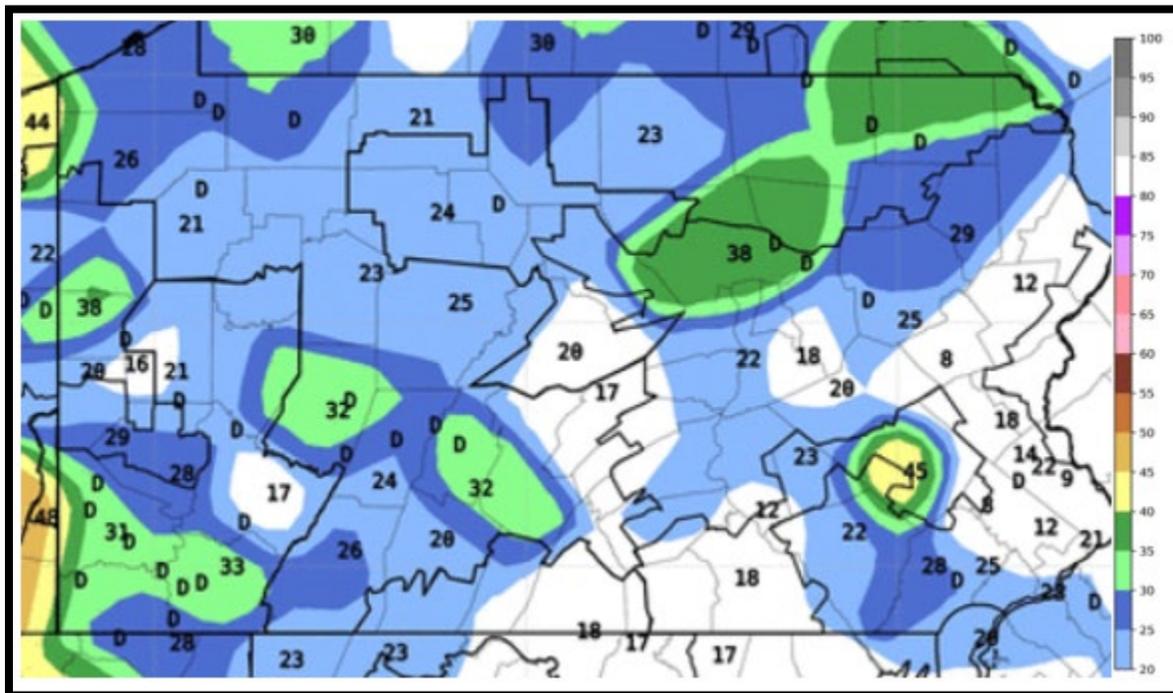
Metropolitan Edison Report

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
602455	Montgomery	10	612	8/13/2023 6:10	8/13/2023 16:22
600696	Berks	47	605	8/13/2023 0:25	8/13/2023 10:30
600679	Berks	524	596	8/13/2023 0:24	8/13/2023 10:20
606566	Lebanon	2	573	8/14/2023 14:27	8/15/2023 0:00
603711	Berks	2	550	8/13/2023 12:47	8/13/2023 21:57
605450	Berks	2	543	8/14/2023 4:57	8/14/2023 14:00
600556	Berks	528	540	8/13/2023 0:12	8/13/2023 9:12
606162	Berks	7	538	8/14/2023 11:22	8/14/2023 20:20
605483	Northampton	1	537	8/14/2023 4:02	8/14/2023 12:59
602867	Berks	154	529	8/13/2023 0:29	8/13/2023 9:18
602868	Berks	121	528	8/13/2023 0:30	8/13/2023 9:18
600980	Berks	1,379	522	8/13/2023 0:20	8/13/2023 9:02
603928	Lancaster	45	514	8/13/2023 14:12	8/13/2023 22:46
602770	Northampton	1	485	8/13/2023 7:41	8/13/2023 15:46
602071	York	27	472	8/13/2023 3:13	8/13/2023 11:05
602077	Berks	527	457	8/13/2023 0:30	8/13/2023 8:07
607882	Bucks	12	443	8/15/2023 6:47	8/15/2023 14:10
607983	Monroe	1	432	8/15/2023 7:34	8/15/2023 14:46
608246	Berks	1	431	8/15/2023 9:20	8/15/2023 16:31
607787	Berks	4	429	8/15/2023 3:57	8/15/2023 11:06
601126	Berks	37	426	8/13/2023 0:49	8/13/2023 7:55
603670	Berks	15	414	8/13/2023 12:30	8/13/2023 19:24
601374	Berks	2	407	8/13/2023 1:13	8/13/2023 8:00
608583	Northampton	1	402	8/15/2023 7:45	8/15/2023 14:27
606034	Berks	1	401	8/14/2023 10:26	8/14/2023 17:07
607976	Berks	1	392	8/15/2023 7:28	8/15/2023 14:00
607788	Berks	9	387	8/15/2023 5:45	8/15/2023 12:12
607003	Cumberland	327	384	8/14/2023 18:04	8/15/2023 0:28
607003	Cumberland	327	384	8/14/2023 18:04	8/15/2023 0:28
602618	Dauphin	1	383	8/13/2023 7:11	8/13/2023 13:34
606248	Berks	1	383	8/14/2023 11:54	8/14/2023 18:17
604112	Adams	3	373	8/13/2023 13:04	8/13/2023 19:17
604300	Monroe	9	373	8/13/2023 15:55	8/13/2023 22:08
600899	Berks	37	364	8/13/2023 0:33	8/13/2023 6:37

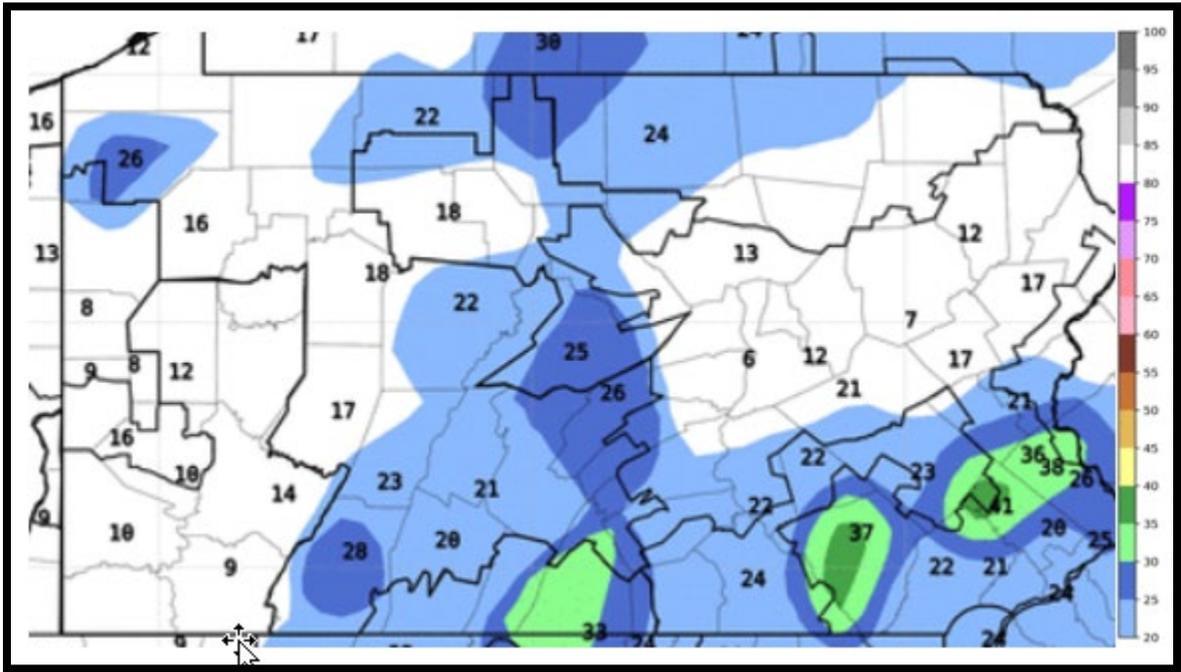
Attachment B: Wind and Precipitation Report

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

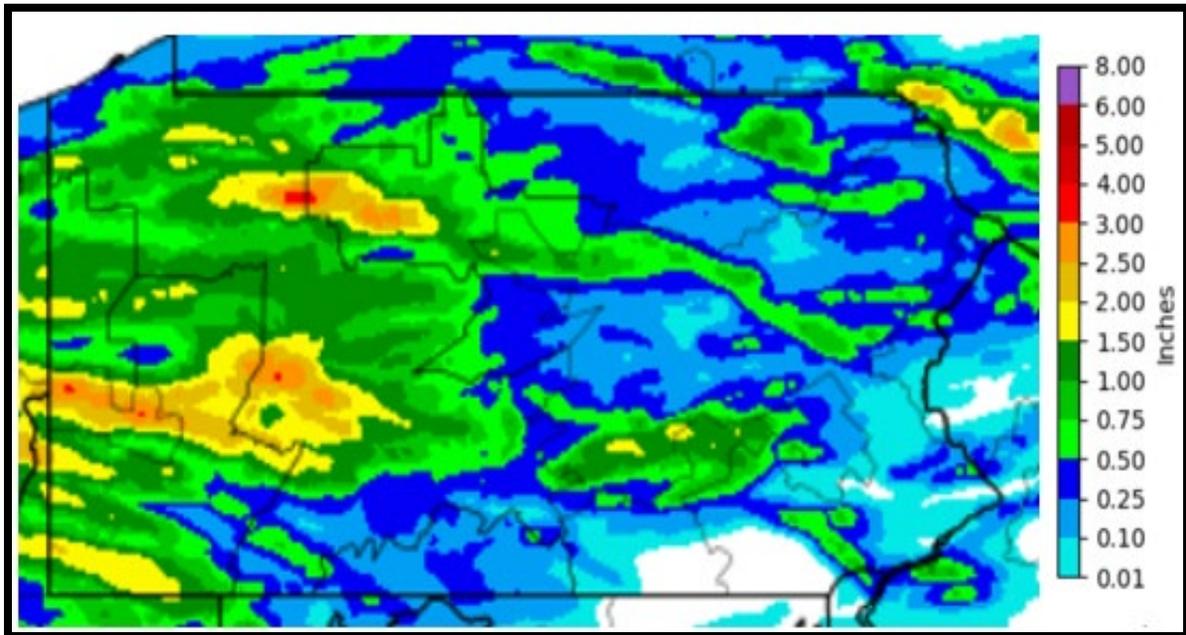
Graphic 1: Wind Gusts – Saturday, August 12, 2023



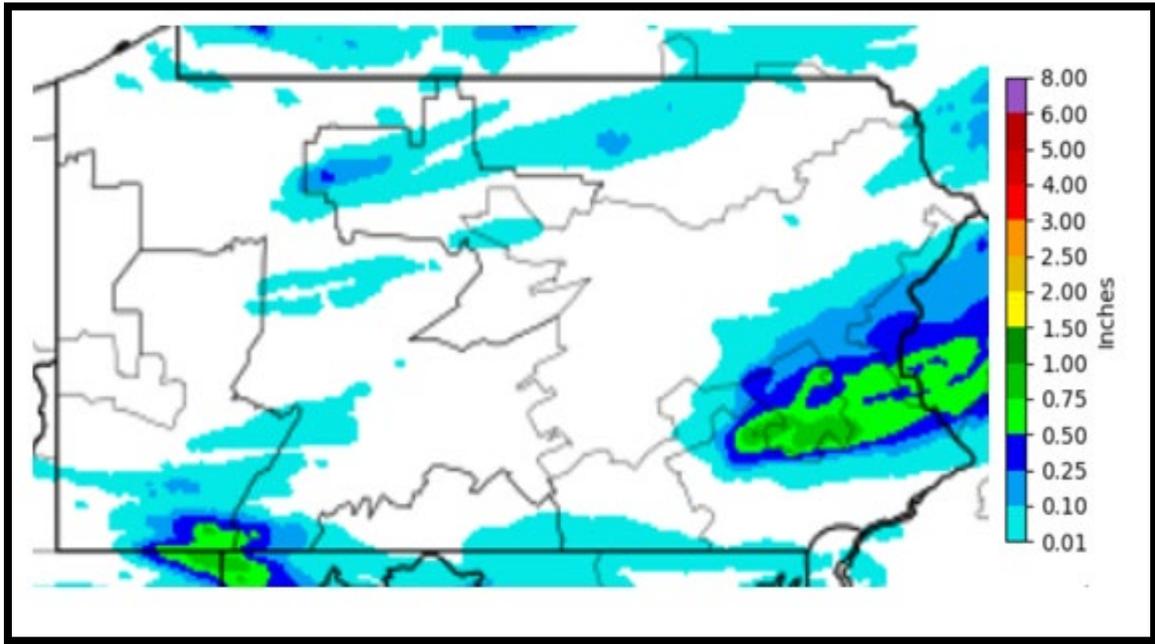
Graphic 2: Wind Gusts - Sunday, August 13, 2023



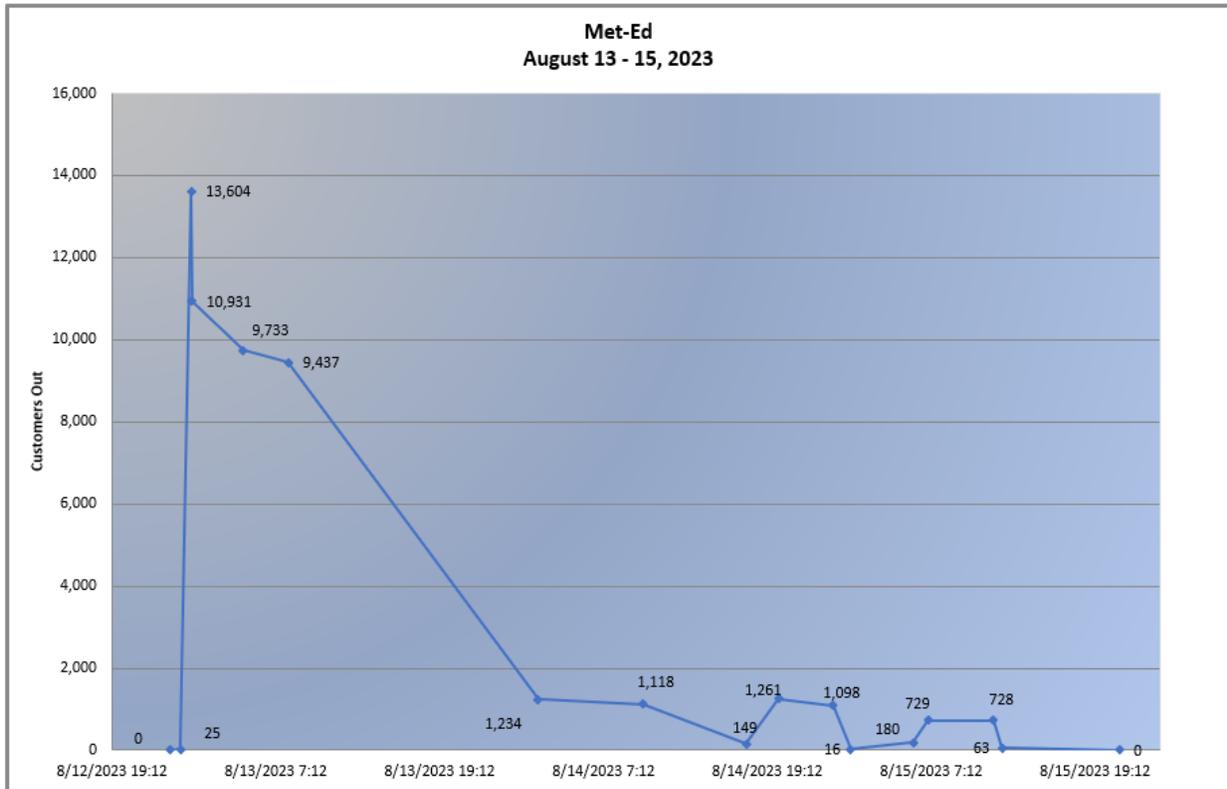
Graphic 3: 24-Hour Total Precipitation – Saturday, August 12, 2023



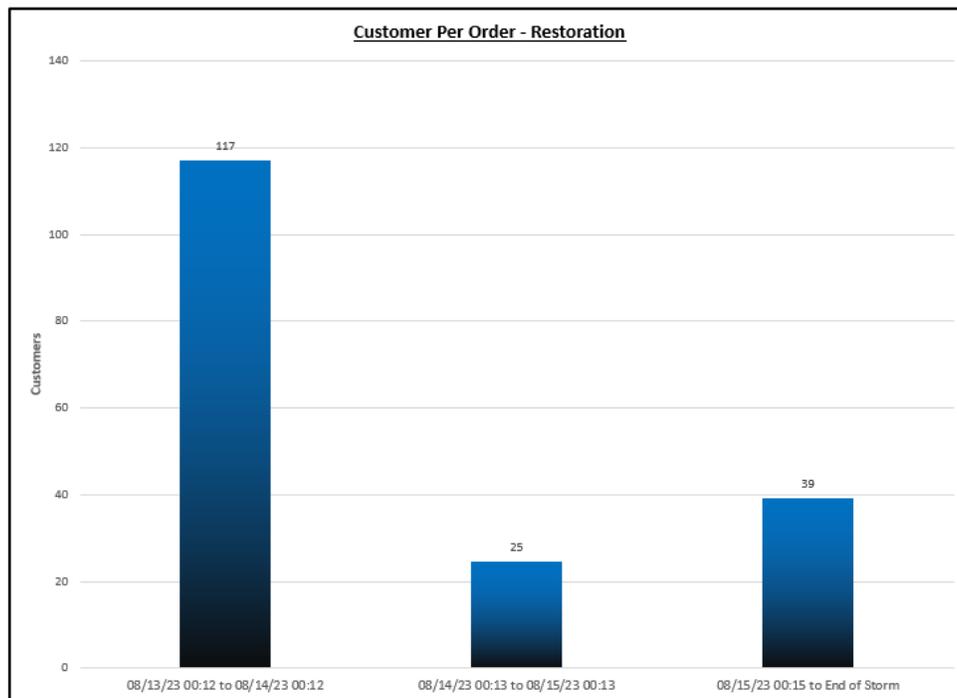
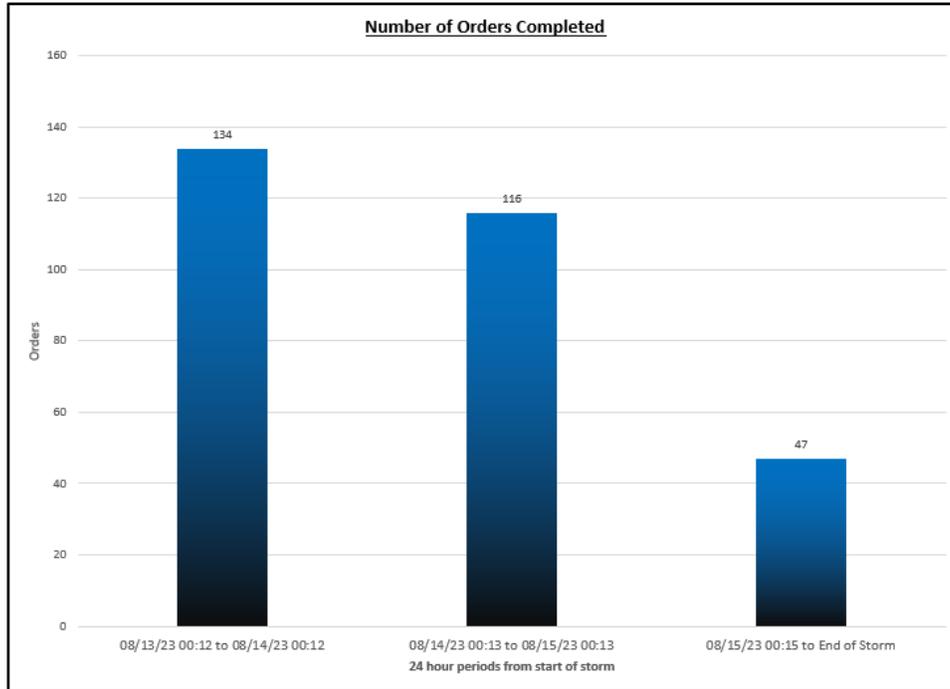
Graphic 4: 24-Hour Total Precipitation – Sunday, August 13, 2023



Attachment C: Order Restoration Curve



Attachment D: Order Restoration Graphs



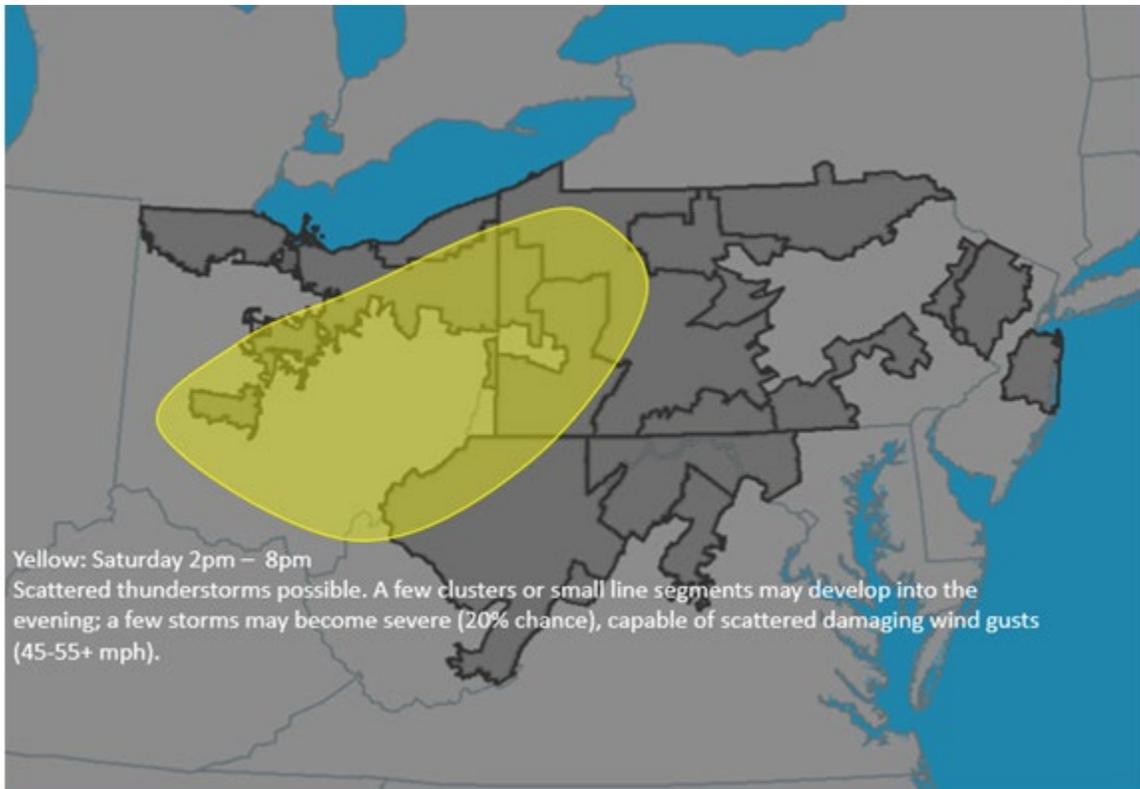
Attachment E: Meteorologist Reports

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.



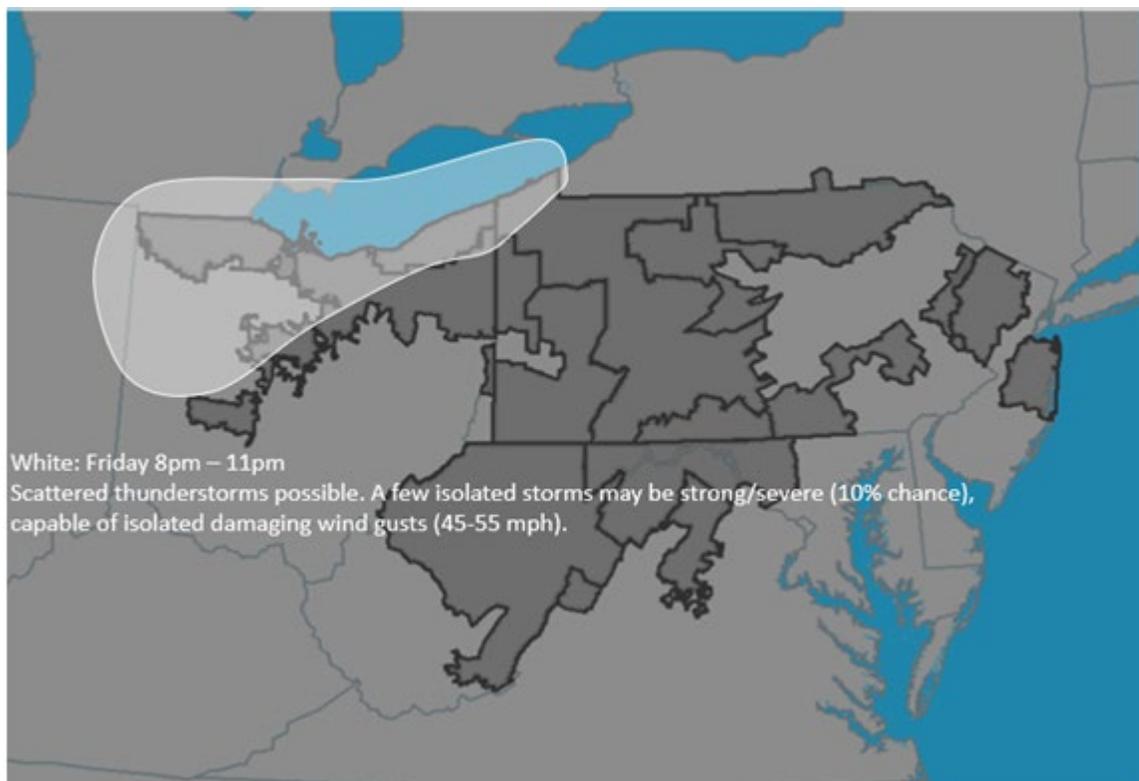
Friday, August 11, 2023 @ 1005

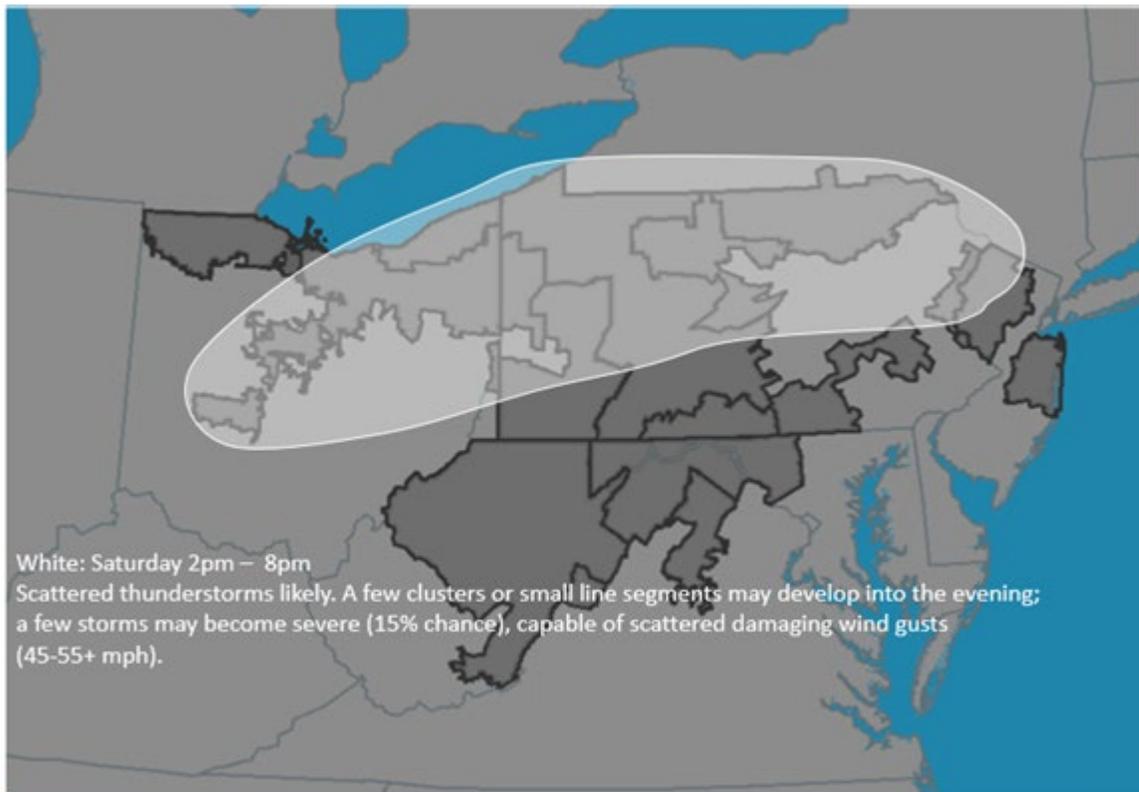
Update:

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.





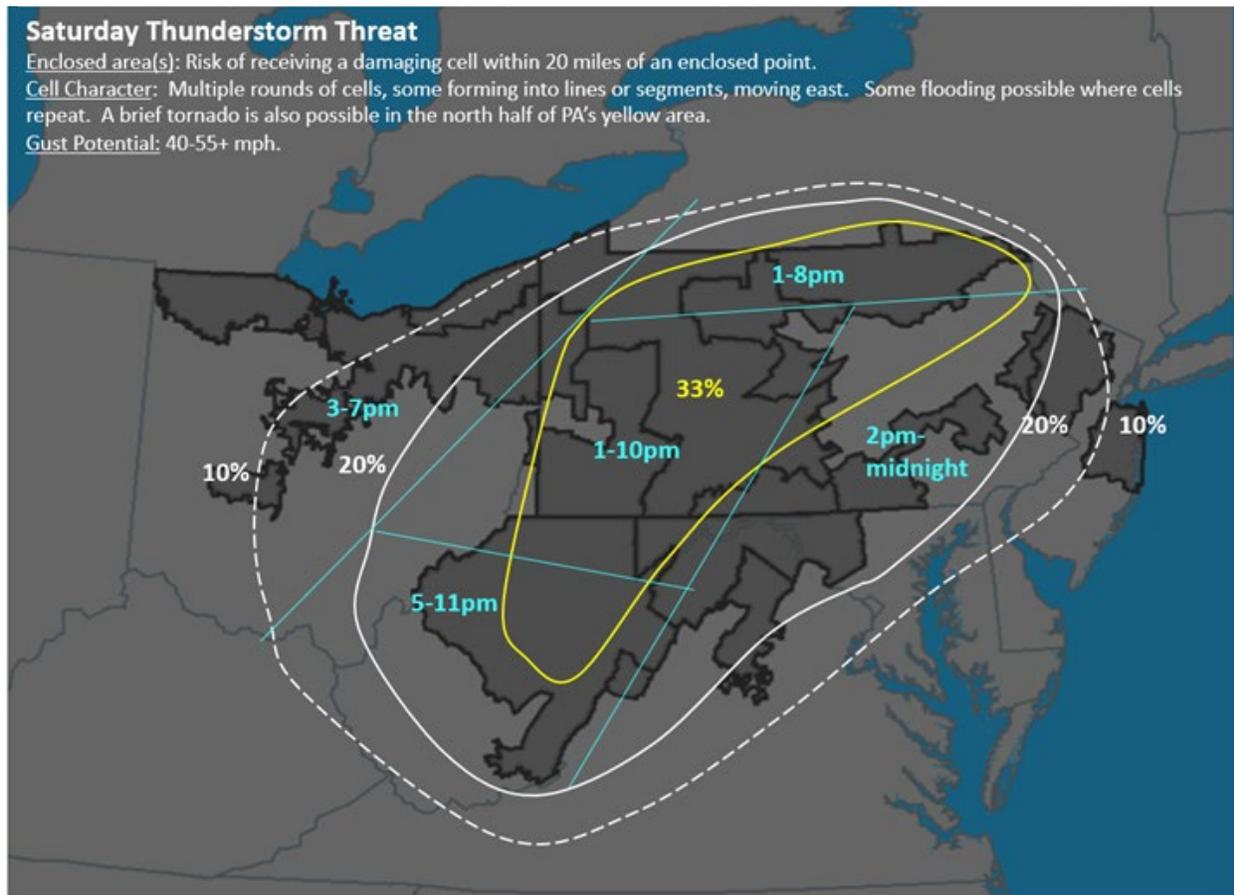
Saturday, August 12, 2023 @ 0826

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.

Final Update Unless Changes Needed This Afternoon

See graphic below for further information.

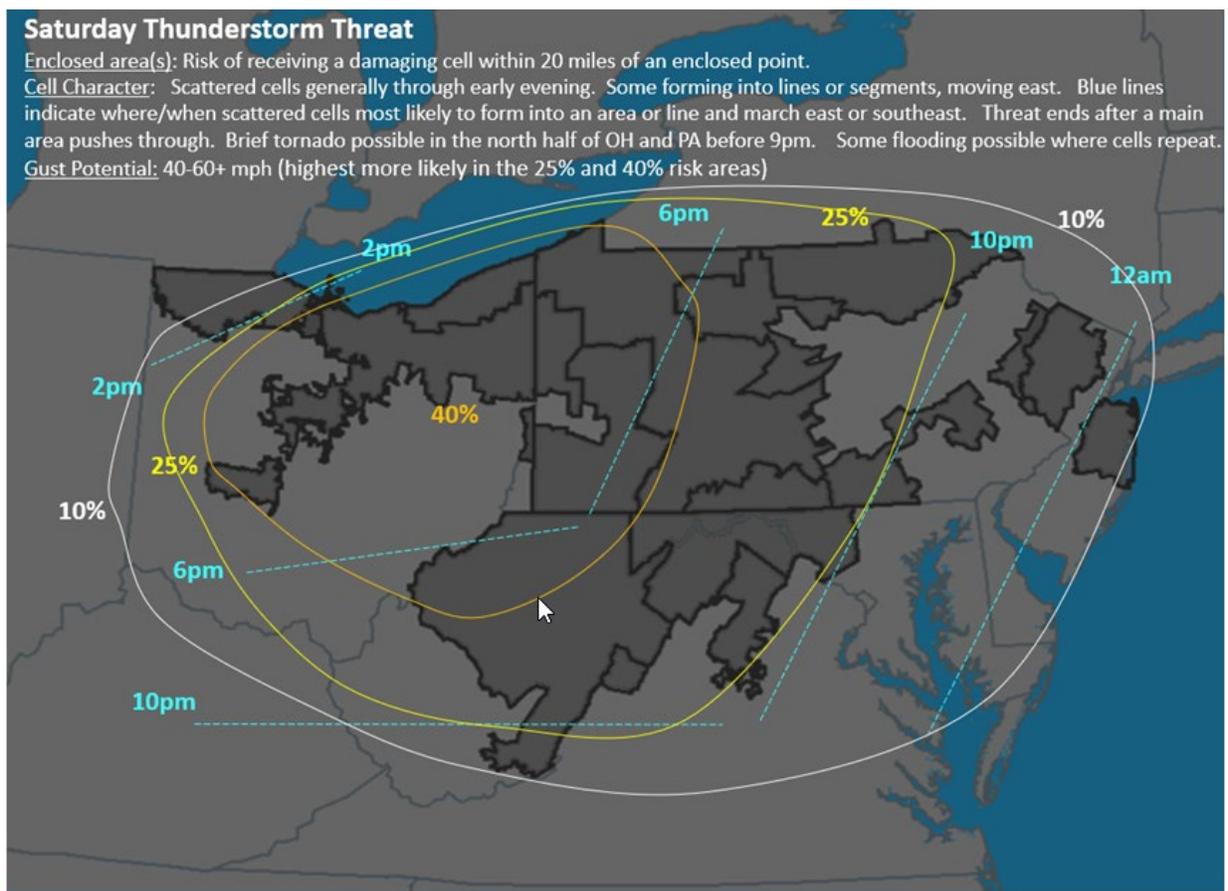


Saturday, August 12, 2023 @ 1404

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.

Final Update Unless Further Changes Needed

See graphic below for further information.



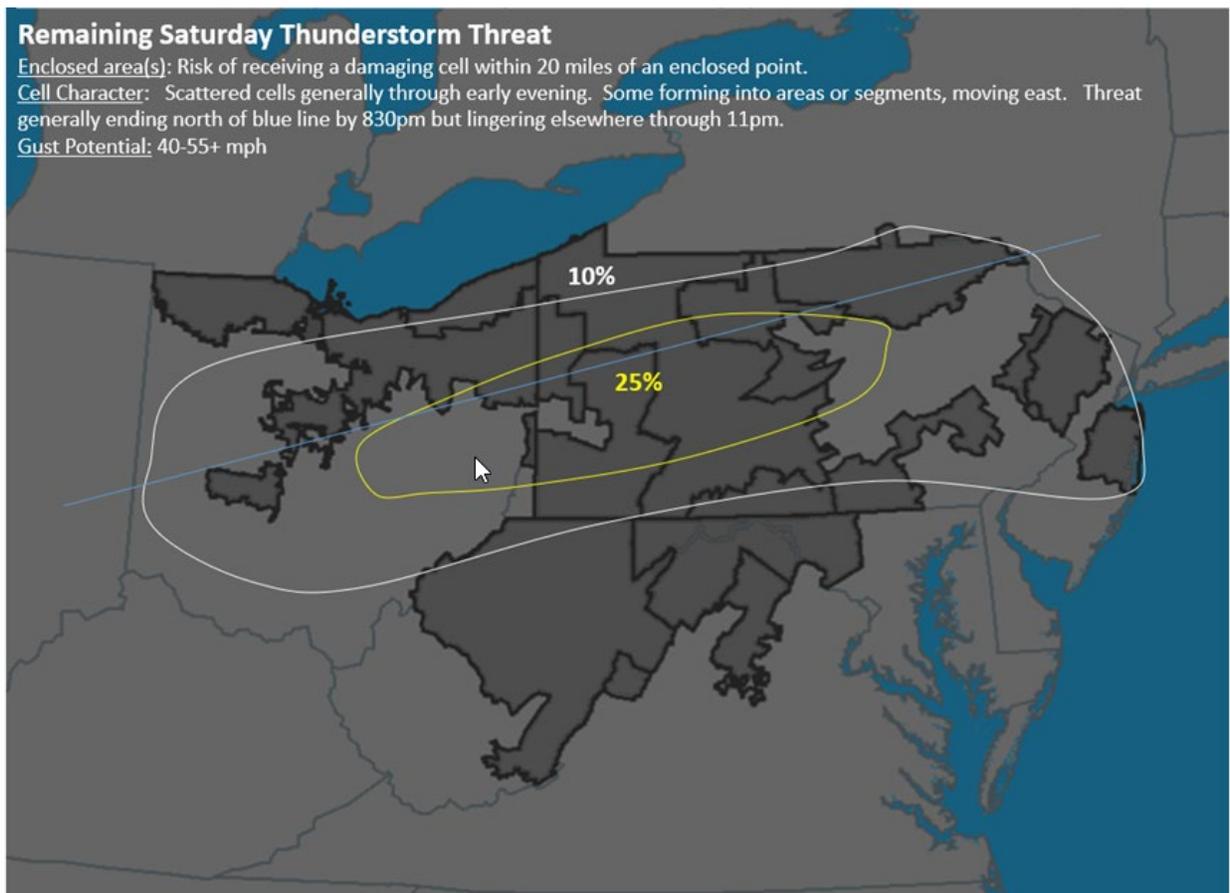
Saturday, August 12, 2023 @ 1836

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.

Final Update – Unless Further Changes Needed

See graphic 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.

Final Update

See graphic below for further information.

