

March 4, 2025

VIA E-FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

M-2025-3052814 ydd/sec

***Re: Completed Restoration of Momentary and Sustained Interruptions –
FirstEnergy Pennsylvania Electric Company; Docket No. M-2021-3023564***

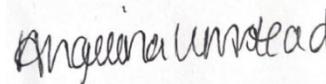
Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, FirstEnergy Pennsylvania Electric Company on behalf of Penelec Rate District (“Penelec”) submits written notification of completed restoration efforts following storm conditions that began on February 16, 2025 that caused multiple service interruptions in the Penelec 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) 921-6202.

Sincerely,



Angelina Umstead

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 Penelec Rate District ("Penelec")
Address: 800 Cabin Hill Drive
Greensburg, PA 15601

2. Name and title of person making report:

John Hawkins
(Name)

President Pennsylvania
(Title)

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

4. Date and time report was made to Commission:

February 16, 2025
(Date)

1942
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 12,392 (Represents 2.1% of Penelec'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
Bedford	516	17	10
Blair	1,904	29	37
Bradford	89	5	1
Cambria	835	23	41
Centre	767	6	15
Clearfield	1,464	16	14
Crawford	594	7	9
Cumberland	6	2	3
Erie	114	12	16
Franklin	68	1	1
Huntingdon	92	12	10
Indiana	129	11	4
Jefferson	973	7	17
Lycoming	8	2	0
McKean	786	7	10
Mifflin	442	12	13
Perry	2	1	1
Potter	1,274	1	1
Somerset	1,861	20	20
Sullivan	6	2	0
Susquehanna	130	10	7
Tioga	6	3	2
Venango	12	2	4
Warren	6	1	1
Wayne	273	6	7
Westmoreland	19	2	0
Wyoming	16	3	3
Total	12,392	220	247

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 71

(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, February 16, 2025, a weather system moved through Pennsylvania including the Penelec service territory. The system produced storms with ice, heavy snow and

wind gusts of approximately 57 miles per hour on Sunday and 64 miles per hour on Monday. The persistent wind prolonged storm activity as well as restoration efforts as crews cannot safely handle materials if winds exceed 30 mph or operate bucket trucks if winds exceed 40 mph. See Attachment B for the maximum wind gusts for February 16-17, 2025, the 24-hour total precipitation for February 16, 2025 and the 24-hour total snowfall for February 16, 2025.

Damage as a result of high winds included downed wires, and damaged and broken poles, trees, crossarms and transformers. The Johnstown, Somerset and Altoona regions were the hardest hit areas. Approximately 31.8% of the total outages that occurred were tree related.

Preliminary data indicates the reliability impact of the storm was 4.9 minutes of SAIDI, .021 of SAIFI, and an overall storm CAIDI of 235.9 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers affected would be restored by 2300 on Monday, February 17, 2025.

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
Penelec	103	Line
Subtotal	103	Line
Penn Line Services, Inc.	112	Forestry Contractor
Asplundh Tree Expert, LLC	31	Forestry Contractor
Davey Tree Expert	23	Forestry Contractor
Subtotal	166	Forestry
Penelec	49	Support
Subtotal	49	Support
Grand Total	318	

- (i) The date and time of the first information of a service interruption: February 16, 2025, at 1516.
- (j) The date and time that repair crews were assembled: February 16, 2025, at 0600.
- (k) The actual time that service was restored to the last affected customer: February 18, 2025, at 0949.

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

Equipment	Number
Primary Spans	63
Secondary Spans	41
Crossarms Replaced	11
Cutouts Replaced	36
Poles Replaced	9
Transformers Replaced	10
Wire & Cable Replaced (feet)	1,690

- (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
1608189	Blair	1	1,503	02/17/2025 0827	02/18/2025 0930
1594665	Cambria	102	1,489	02/16/2025 1600	02/17/2025 1649
1594665	Cambria	2	1,475	02/16/2025 1600	02/17/2025 1635
1597825	Blair	5	1,459	02/16/2025 1833	02/17/2025 1852
1603097	Cambria	7	1,421	02/16/2025 2157	02/17/2025 2138
1616977	Cambria	3	1,371	02/17/2025 1058	02/18/2025 0949
1599422	Cambria	1	1,365	02/16/2025 1900	02/17/2025 1745
1599504	Huntingdon	4	1,346	02/16/2025 1904	02/17/2025 1730
1595029	Blair	1	1,323	02/16/2025 1647	02/17/2025 1450
1605008	Huntingdon	2	1,307	02/16/2025 1842	02/17/2025 1629
1599504	Huntingdon	16	1,259	02/16/2025 1904	02/17/2025 1603
1605215	Jefferson	7	1,246	02/16/2025 1702	02/17/2025 1348
1610584	Cambria	9	1,087	02/16/2025 2021	02/17/2025 1428
1610140	Cambria	99	1,028	02/16/2025 1833	02/17/2025 1141
1597822	Cambria	141	931	02/16/2025 1833	02/17/2025 1004
1603135	Wayne	119	891	02/16/2025 1932	02/17/2025 1023
1601243	Bedford	11	835	02/16/2025 2025	02/17/2025 1020
1606336	Blair	53	780	02/16/2025 1831	02/17/2025 0731
1604311	Wyoming	12	760	02/16/2025 2330	02/17/2025 1210
1600491	Bedford	24	676	02/16/2025 2249	02/17/2025 1005
1604716	Wayne	48	663	02/17/2025 0006	02/17/2025 1109
1594777	Somerset	1	662	02/16/2025 1616	02/17/2025 0318
1603560	Somerset	1	641	02/16/2025 2234	02/17/2025 0915
1603074	Mifflin	3	640	02/16/2025 2154	02/17/2025 0834
1594856	Somerset	27	632	02/16/2025 1628	02/17/2025 0300
1600491	Bedford	18	614	02/16/2025 2249	02/17/2025 0903
1602863	Tioga	3	596	02/16/2025 2144	02/17/2025 0740
1597779	Blair	139	589	02/16/2025 1831	02/17/2025 0420
1595539	Cambria	10	579	02/16/2025 1706	02/17/2025 0245
1614565	Jefferson	9	559	02/17/2025 1551	02/18/2025 0110
1597779	Blair	120	557	02/16/2025 1831	02/17/2025 0348
1614544	Jefferson	903	546	02/17/2025 1551	02/18/2025 0057

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.

Penelec 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
1612690	Erie	2	524	02/17/2025 1316	02/17/2025 2200
1601523	Bedford	8	520	02/16/2025 2040	02/17/2025 0520
1610401	Blair	2	512	02/17/2025 1037	02/17/2025 1909
1597779	Blair	279	501	02/16/2025 1831	02/17/2025 0252
1604792	Susquehanna	18	499	02/17/2025 0011	02/17/2025 0830
1602346	Mifflin	6	489	02/16/2025 2113	02/17/2025 0522
1601429	Somerset	1	484	02/16/2025 2036	02/17/2025 0440
1595121	Jefferson	20	483	02/16/2025 1702	02/17/2025 0105
1594862	Blair	8	478	02/16/2025 1536	02/16/2025 2334
1612212	Mifflin	1	475	02/17/2025 0454	02/17/2025 1249
1596770	Clearfield	247	469	02/16/2025 1809	02/17/2025 0158
1614848	Crawford	22	465	02/17/2025 1423	02/17/2025 2208
1594491	Cambria	6	449	02/16/2025 1528	02/16/2025 2257
1607139	Wayne	11	448	02/17/2025 0652	02/17/2025 1420
1604332	Huntingdon	44	440	02/16/2025 1556	02/16/2025 2316
1612520	Mifflin	5	430	02/17/2025 1305	02/17/2025 2015
1609136	Blair	2	424	02/17/2025 0916	02/17/2025 1620
1594862	Blair	57	421	02/16/2025 1633	02/16/2025 2334
1605914	Susquehanna	10	420	02/17/2025 0307	02/17/2025 1007
1601316	Somerset	3	419	02/16/2025 1741	02/17/2025 0040
1605129	Bedford	1	418	02/17/2025 0057	02/17/2025 0755
1600188	Lycoming	5	418	02/16/2025 1932	02/17/2025 0230
1595658	Cambria	1	415	02/16/2025 1735	02/17/2025 0030
1601246	Cumberland	3	408	02/16/2025 1912	02/17/2025 0200
1599658	Cumberland	3	408	02/16/2025 1912	02/17/2025 0200
1598508	Blair	13	406	02/16/2025 1844	02/17/2025 0130
1609768	Susquehanna	10	402	02/17/2025 0954	02/17/2025 1636
1609470	Somerset	2	399	02/17/2025 0935	02/17/2025 1614
1597062	Huntingdon	2	393	02/16/2025 1815	02/17/2025 0048
1597066	Blair	89	390	02/16/2025 1815	02/17/2025 0045
1597931	Indiana	4	380	02/16/2025 1836	02/17/2025 0056
1594303	Bedford	34	380	02/16/2025 1520	02/16/2025 2140
1594564	McKean	3	376	02/16/2025 1544	02/16/2025 2200
1595643	Clearfield	1	373	02/16/2025 1555	02/16/2025 2208
1607333	Bedford	5	371	02/17/2025 0704	02/17/2025 1315
1598135	Erie	1	365	02/16/2025 1840	02/17/2025 0045
1598135	Erie	1	365	02/16/2025 1840	02/17/2025 0045
1612209	Indiana	1	365	02/17/2025 0706	02/17/2025 1311

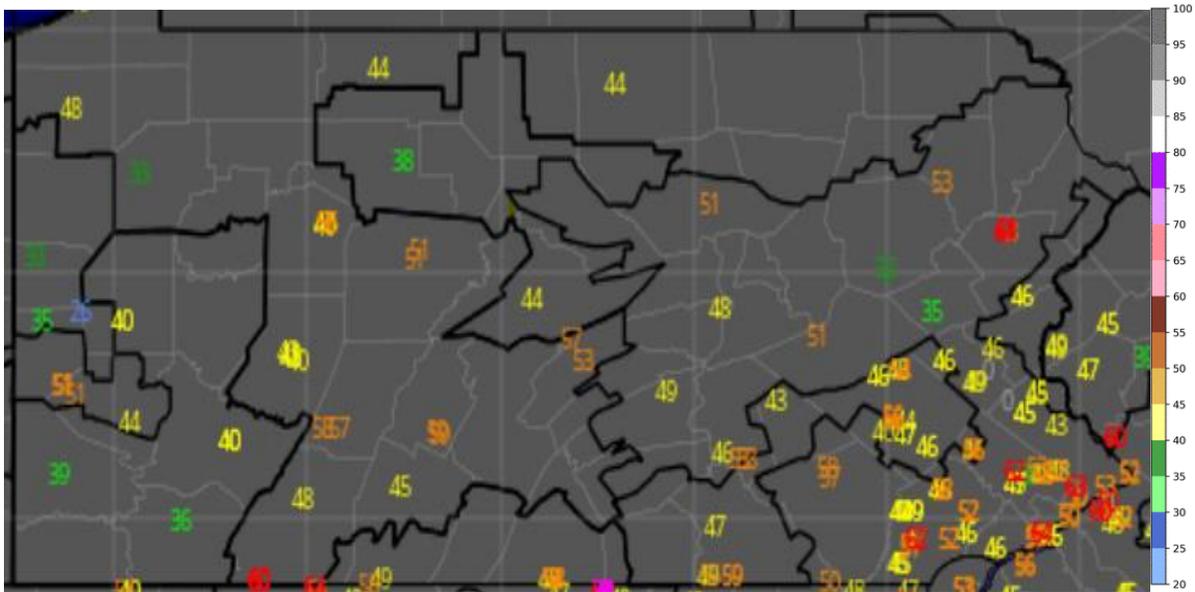
Penelec Rate District Storm Report

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
1611684	Indiana	4	364	02/17/2025 0706	02/17/2025 1310

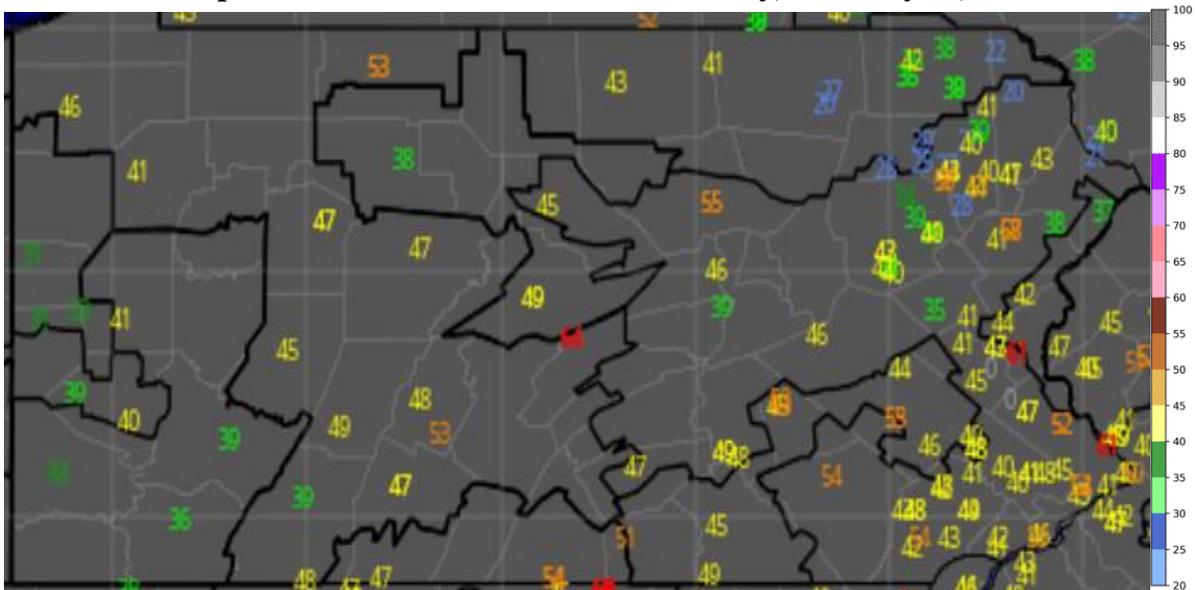
Attachment B: Wind Reports

Wind & Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the Penelec service on February 16-17, 2025. Graphic 3 illustrates the 24-Hour Total Precipitation in the Penelec service territory on Sunday, February 16, 2025. Graphic 4 illustrates the 24-Hour Total Snowfall in the Penelec territory on February 16, 2025. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

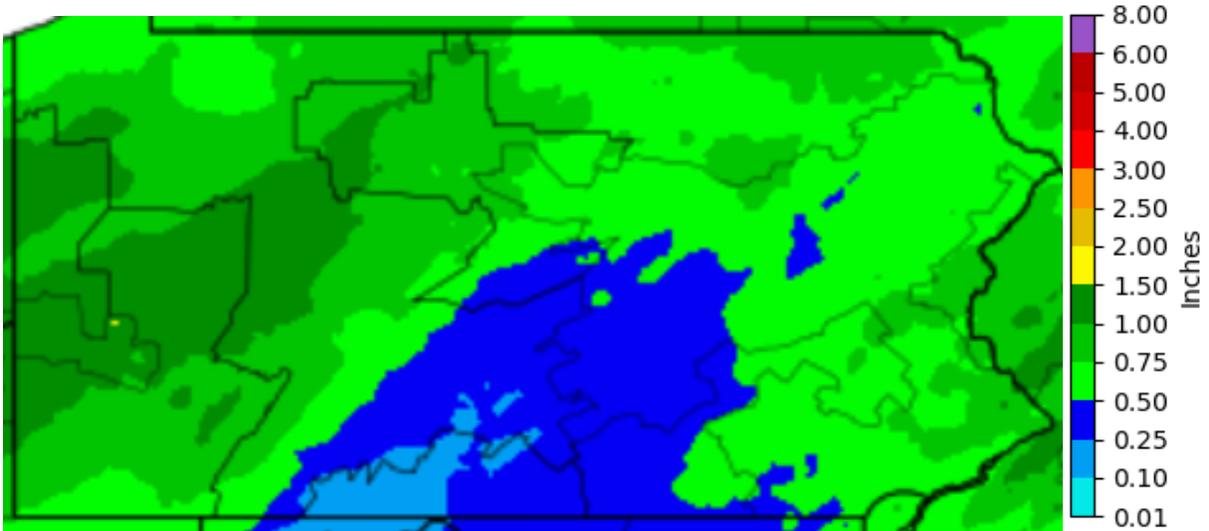
Graphic 1: Maximum Wind Gusts – Sunday, February 16, 2025



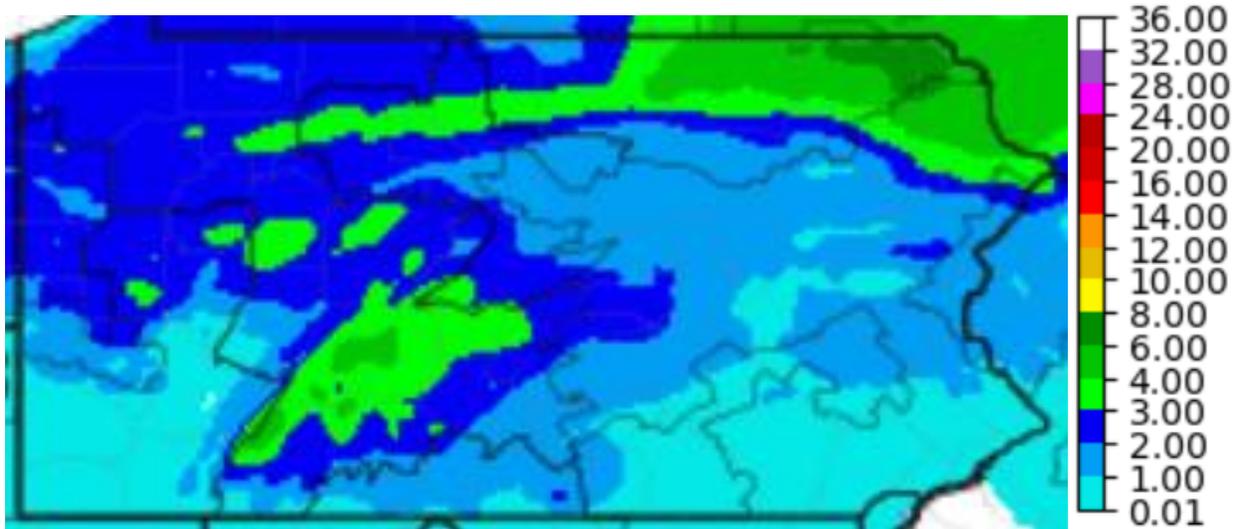
Graphic 2: Maximum Wind Gusts – Monday, February 17, 2025



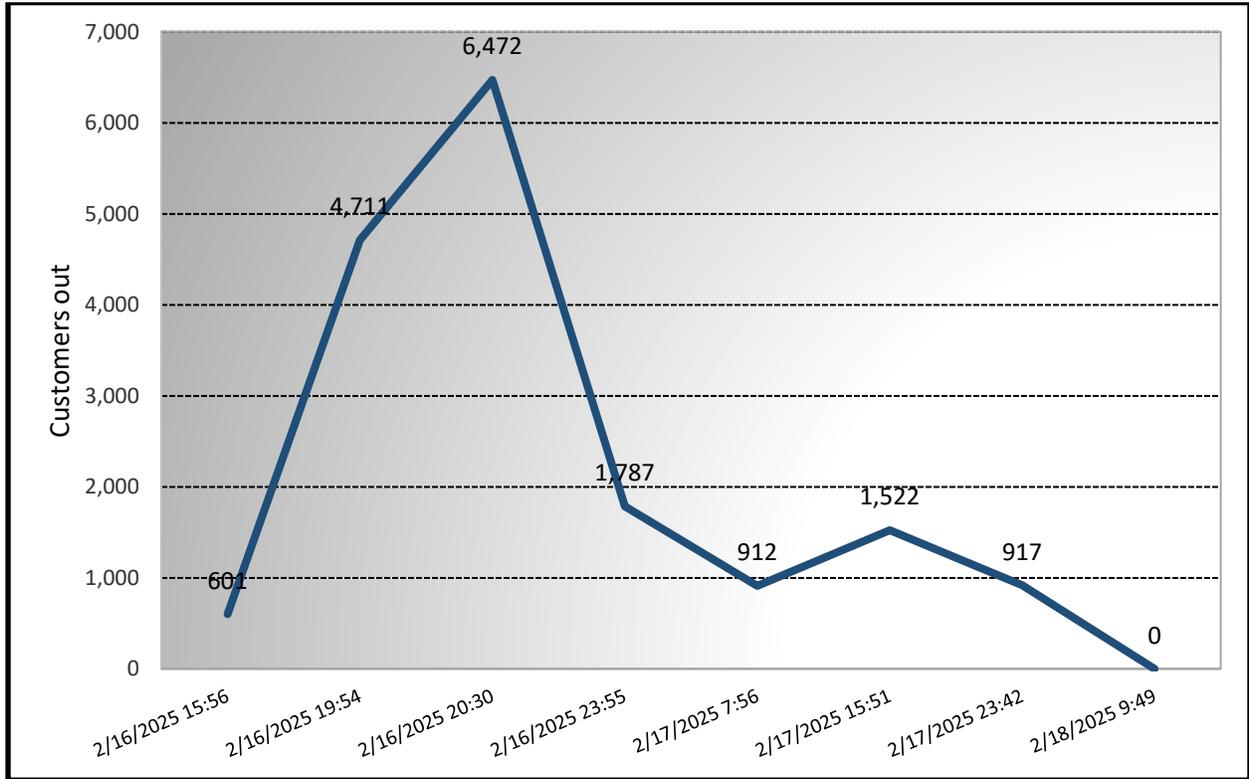
Graphic 3: 24-Hour Total Precipitation – Sunday, February 16, 2025



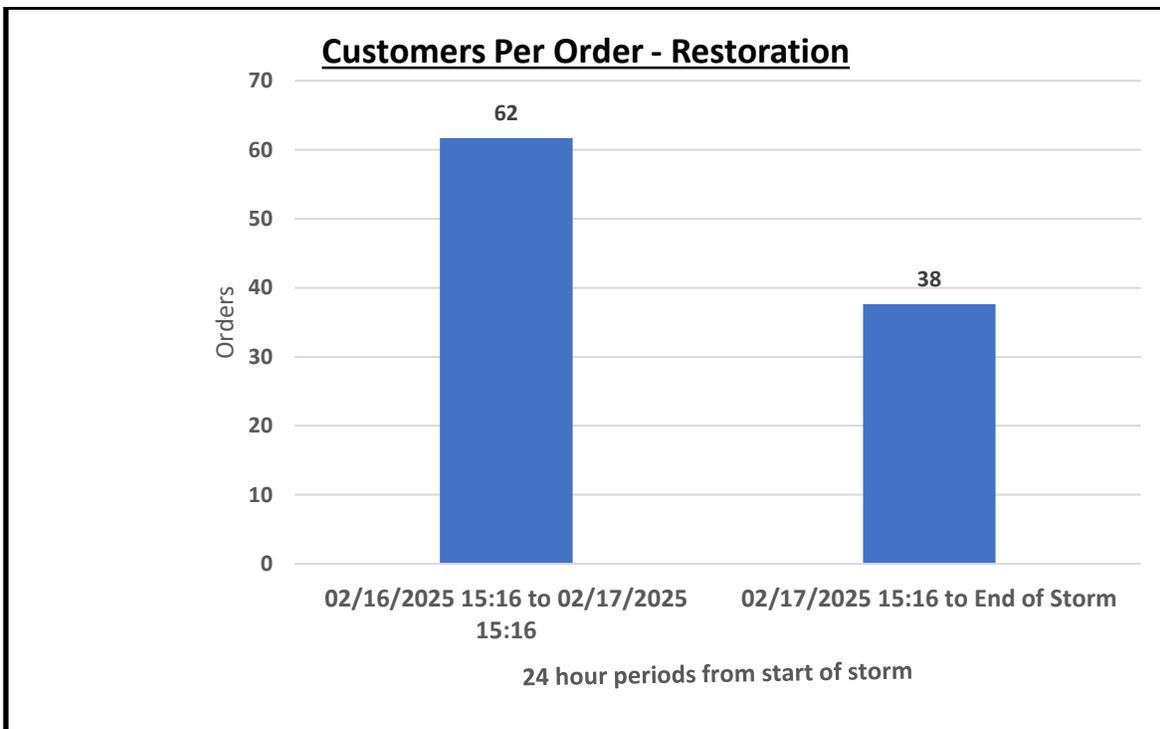
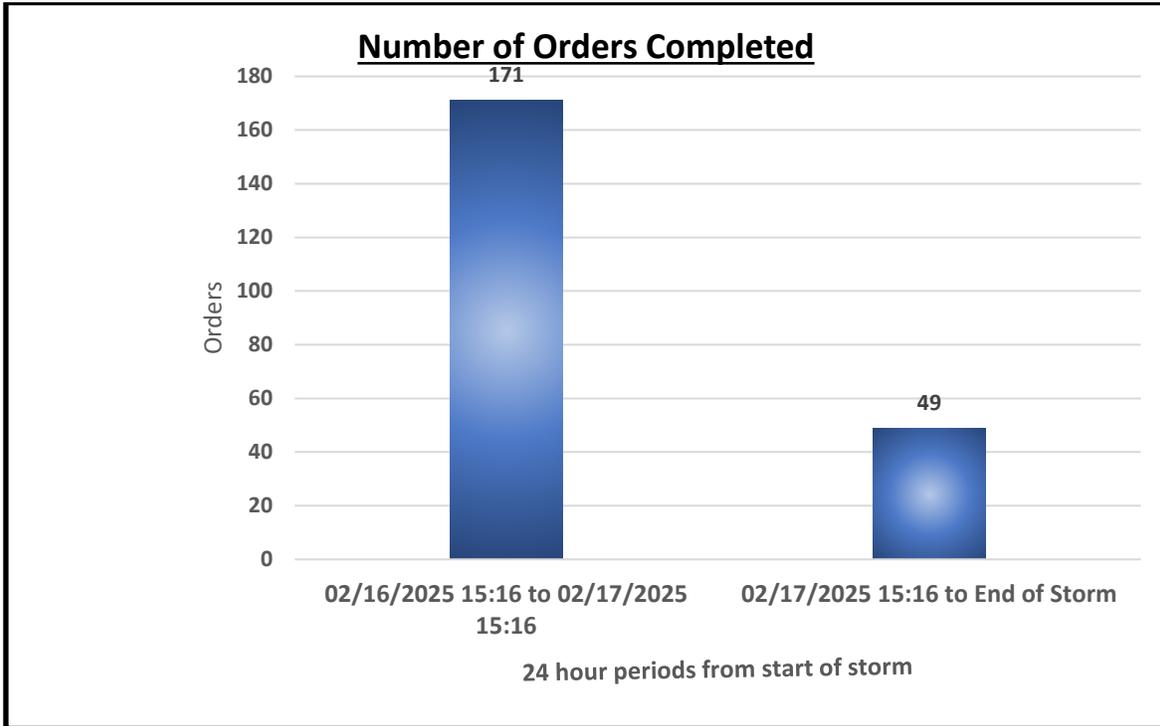
Graphic 4: 24-Hour Total Snowfall – Sunday, February 16, 2025



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs

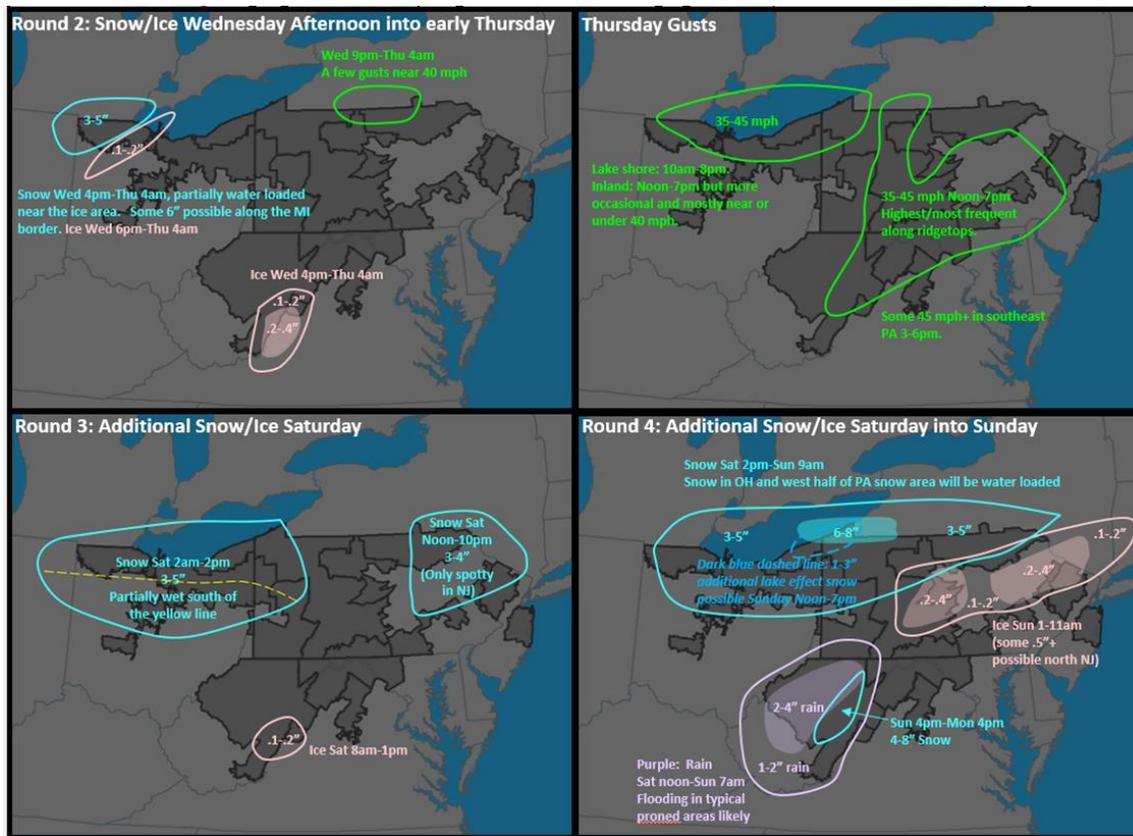


Attachment E: Meteorologist Reports

Wednesday, February 12, 2025 @ 1020

Changes:

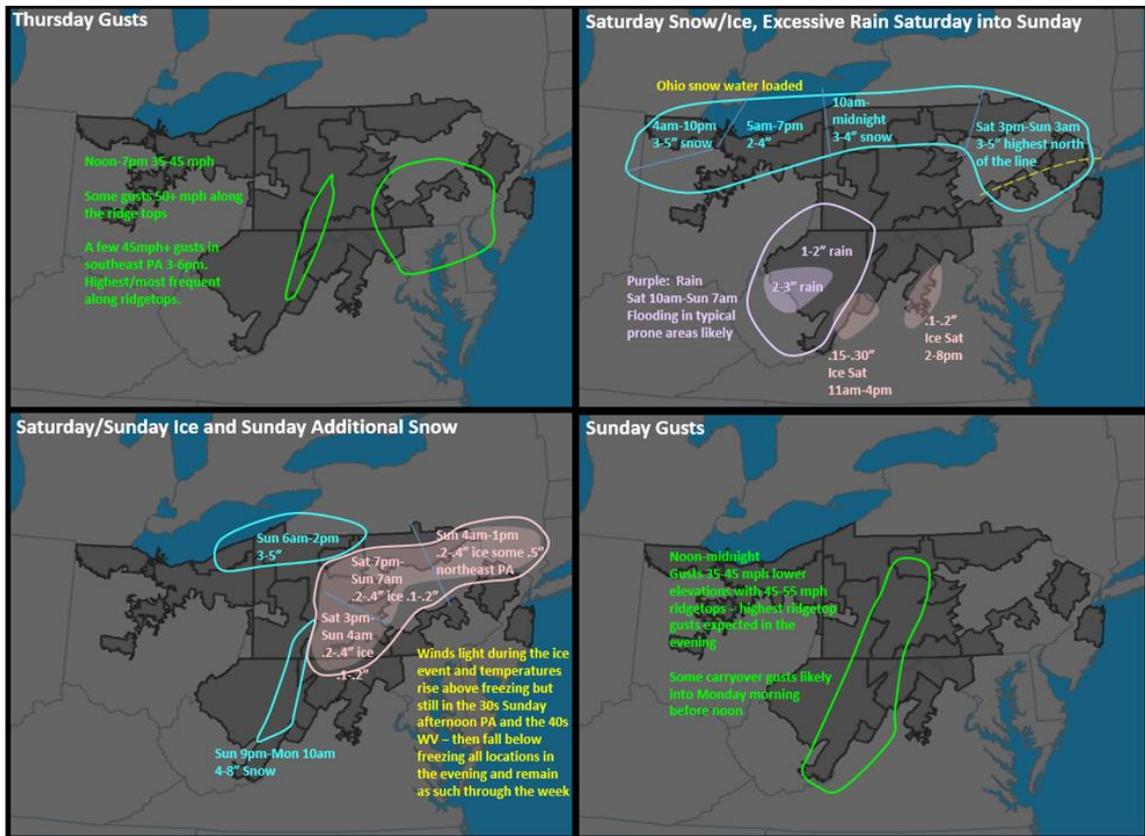
1. Today: Fine-tuned snow/ice OH snow/ice area and timing for all threats. Added nuisance-gust area in north PA.
2. Thu: Introduced new gust threat.
3. Sat/Sun: Introduced new threats from two separate events but back-to-back events. The combined snow amounts from these two events will range from 6-12" in the north half of OH through northwest PA by Sun evening. Although changes are possible with the bottom two panels, guidance has been fairly consistent.



Thursday, February 13, 2025 @ 0955

Changes:

1. Today: Shrunk gust threat areas (eliminated consistent threat in OH and adjacent northwest PA)
2. Weekend threats:
 - Snow - combined two events and separated areas by timing. Reduced overall total by a good 2-3"
 - Ice - Adjusted ice area and timing, added details of wind and temperatures in ice areas.
 - Gusts - Added separate gust threat on Sunday

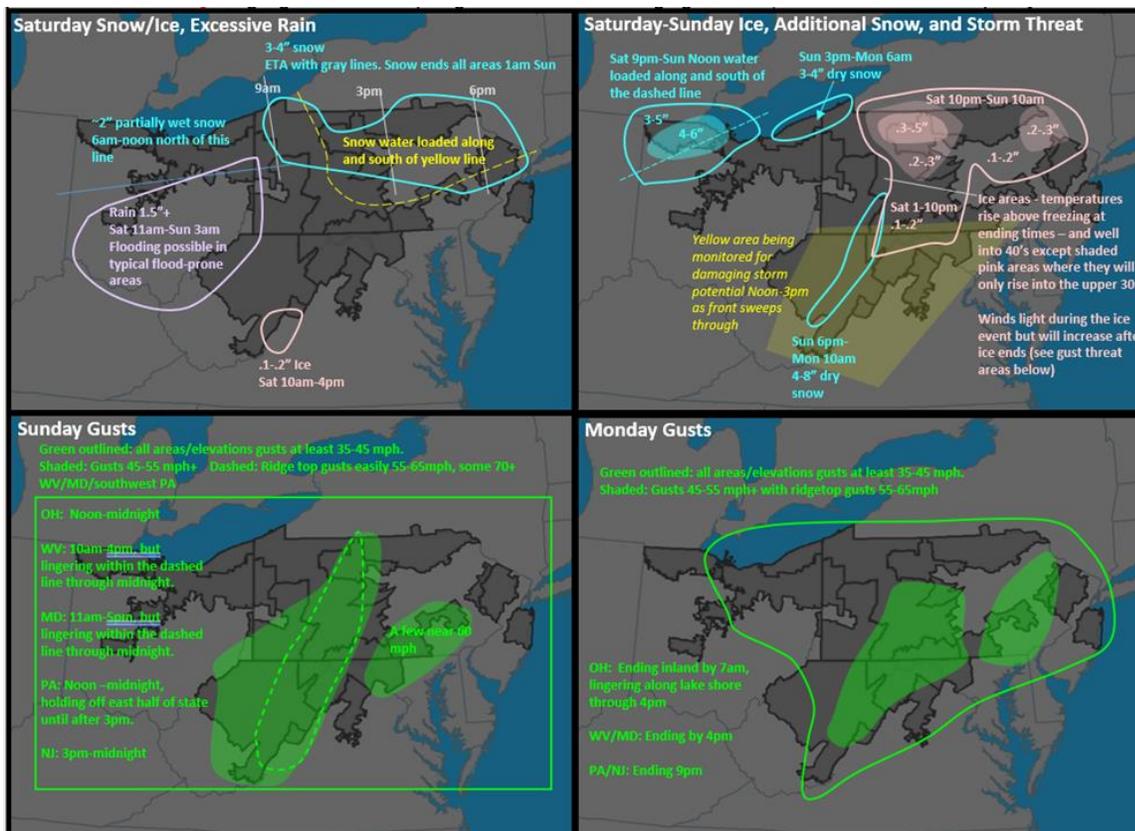


Friday, February 14, 2025 @ 0958

Changes:

Many. And too many to list individually because the expected low-pressure system this weekend is trending to be stronger and track both a bit slower and farther northwest.

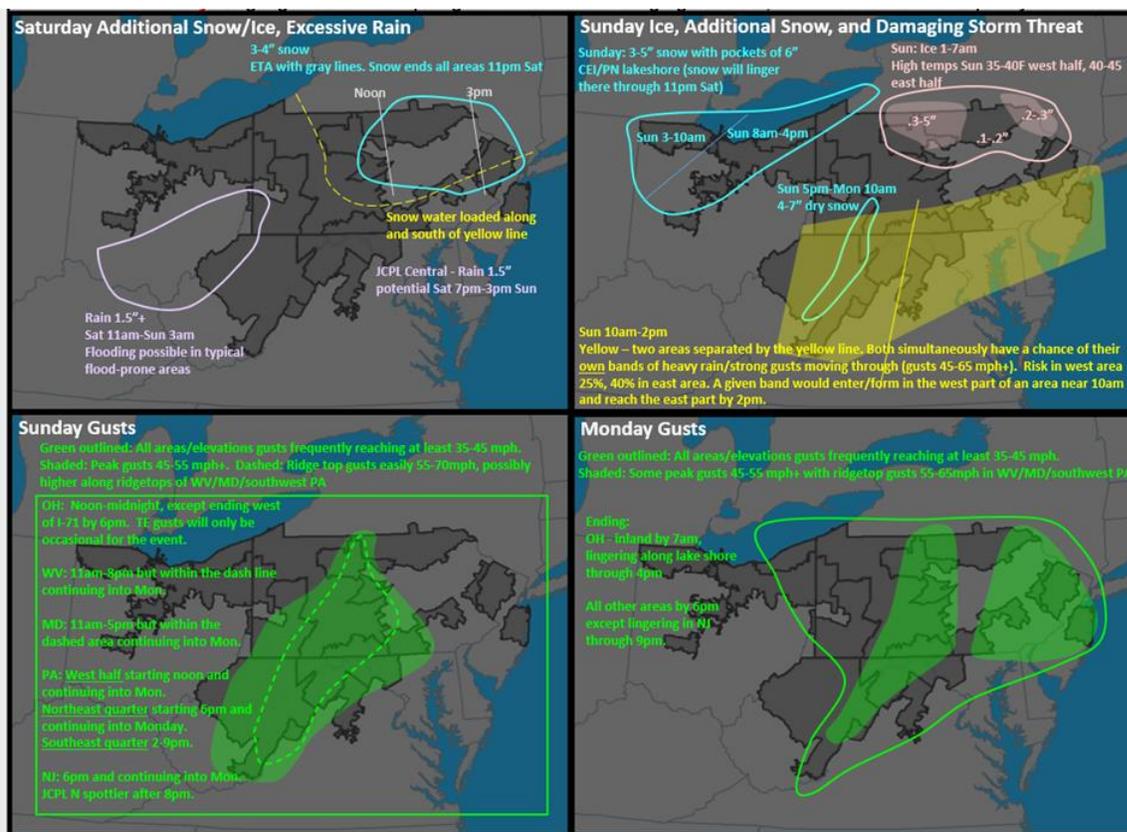
- This means less ice in FE's east, but more in central PA. It also means a windstorm is expected after the strong low passes by on Sunday which won't end until Monday.
- With the stronger frontal passage, we are also having to monitor for a damaging storm threat in southern FE on Sunday.
- We are not extremely confident with the wind forecast yet since we are a few days out still, but for now all the guidance is suggesting strong gusts Sunday into Monday.
- Final minor note – the weekend snow totals will be the combo of the snow as indicated on the top two panels.



Saturday, February 15, 2025 @ 0954

Changes:

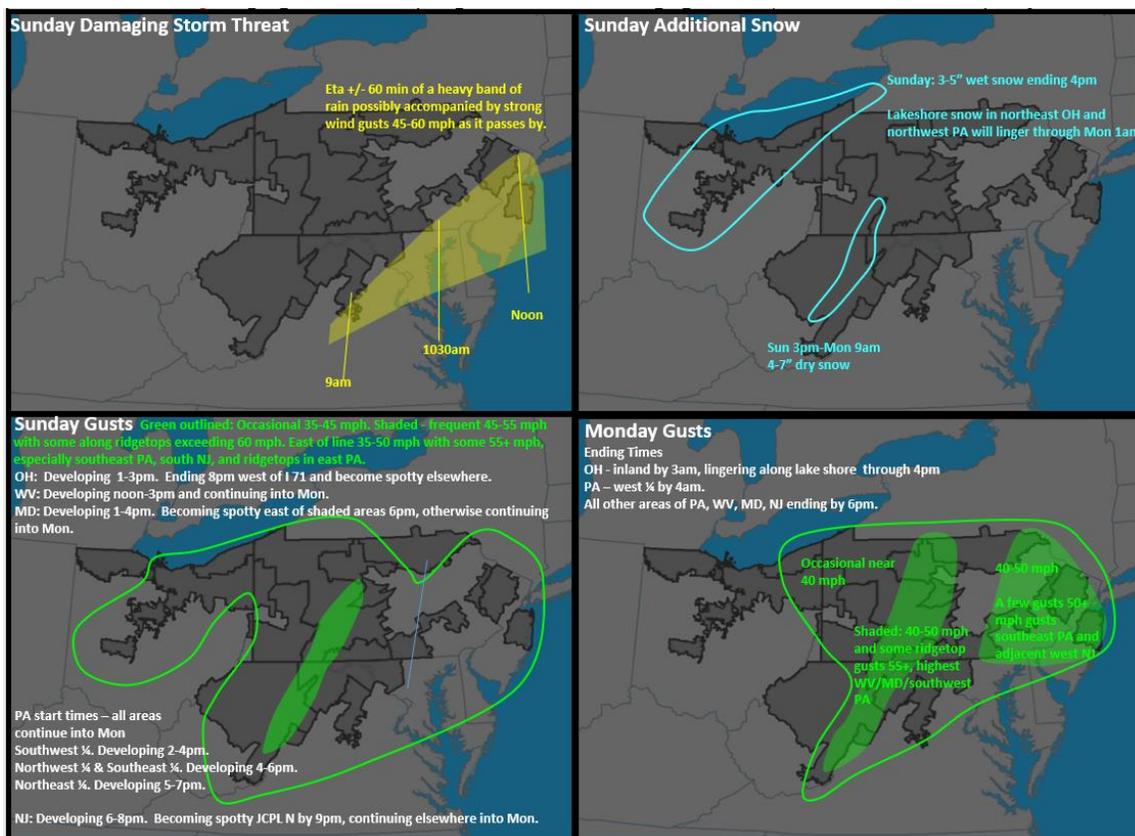
1. Today.
 - Snow – reduced focus of 3-4” snow in northeast PA and north NJ. Adjusted timing.
 - Ice – eliminated depiction of WV ice area as amounts does not look to exceed much beyond .1”.
 - Excessive Rain - slight shift south. Added mention of NJ potential.
2. Sunday.
 - Snow - combined areas in OH and northwest PA.
 - Ice – eliminated depiction of southern PA ice area as amounts do not look to exceed much beyond .1”. Shifted north slightly the remaining area.
 - Damaging storms – added details of timing and magnitude.
 - Gusts – fine-tuned areas and added details of timing. Made note that TE gusts will only be occasional.
3. Monday – fine tuned areas and ending times of gusts.



Sunday, February 16, 2025 @ 0915

Changes:

1. Today.
 - Damaging storms: Limited potential to one band and added timing and gust potential details.
 - Snow: Fine-tuning area and timing.
 - Gusts: Reduced general frequency, thinned coverage, reduced magnitudes in some areas. Added timing details.
2. Monday – fine-tuned areas and ending times.



Monday, February 17, 2025 @ 0747

Changes: Fine-tuned ending times for gusts today.

Note – temperatures will be 15-25 degrees below normal early this work week, peaking in intensity Tuesday/Wednesday followed by a gradual moderation by the weekend. During the most intense cold, daytime “feels like” temperatures (wind chills) will be near or slightly below zero. And after this weekend, daytime high temperatures will then remain slightly below normal through the following week. See FEWX 7 Day Temps and FEWX 16 Day Temps for details.

