

Angelina Umstead, Esq.

(610) 921-6202
Fax: (330) 315-9263

December 12, 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***

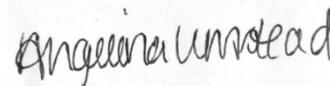
Dear Secretary Chiavetta:

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 November 21, 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,



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 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 Pennsylvania
(Title)

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

4. Date and time report was made to Commission:

November 22, 2024
(Date)

1243
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 16,654 (Represents 2.9% 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	161	4	10
Berks	1,162	34	37
Bucks	177	14	11
Chester	2	1	0
Cumberland	681	6	2
Dauphin	241	4	4
Lancaster	3	1	0
Lebanon	2,254	12	14
Lehigh	22	2	2
Monroe	871	9	2
Montgomery	6	4	4
Northampton	882	15	23
Pike	4,738	75	182
York	5,454	33	35
Total	16,654	214	326

- (d) Approximate number of outage cases exceeding 6 or more hours in duration: 97
- (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 late afternoon of Thursday, November 21, 2024, a winter storm weather system moved through the Met-Ed service territory. The system produced storms with precipitation and wind gusts of approximately 34 miles per hour. Attachment B for the maximum wind gusts for November 21 through November 23, 2024, the 24-hour total precipitation for November 21 to November 22, 2024, and the 48-Hour total precipitation for November 21 to November 23, 2024.

Damage as a result of the storms included downed trees and wires, damaged or broken poles, and crossarms. Crews experienced challenges due to difficult travel conditions and access issues due to snow and wintry conditions. The Stroudsburg, Dingmans Ferry, and Milford districts were the hardest hit areas. Approximately 61% of the total outages that occurred were tree related, with an additional 16% related to line and equipment failure.

Preliminary data indicates the reliability impact of the storm was 15 minutes of SAIDI, 0.03 of SAIFI frequency, and an overall storm CAIDI of 524.29 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers affected would be restored by November 24, 2024 at 2300. 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
Subtotal	23	Line Workers
Henkels & McCoy	18	Line Contractors
J. W. Didado	6	Line Contractors
NG Gilbert	5	Line Contractors
Subtotal	29	Line Contractors
Asplundh Tree Expert, LLC	33	Forestry
Davey Tree Expert Company	3	Forestry
Lewis Tree	14	Forestry
Penn Line Services, Inc.	21	Forestry
Treesmiths	24	Forestry
Subtotal	95	Forestry
Met-Ed	12	Hazard Responders
Subtotal	12	Hazard Responders
Met-Ed	43	Supporting Roles
Haugland Energy Group LLC	4	Supporting Roles
Subtotal	47	Supporting Roles
Grand Total	206	

- (i) The date and time of the first information of a service interruption: November 21, 2024 at 1755.
- (j) The date and time that repair crews were assembled: November 21, 2024 at 1530.
- (k) The actual time that service was restored to the last affected customer: November 26, 2024 at 1215.

- (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	218
Secondary Spans Down	139
Crossarms Replaced	20
Cutouts Replaced	24
Poles Replaced	10
Transformers Replaced	9
Wire & Cable Replaced (feet)	7,325

- (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 report.

- (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
1463901	Pike	3	6,382	11/22/2024 0153	11/26/2024 1215
1462988	Pike	1	3,885	11/22/2024 0153	11/24/2024 1838
1453524	Pike	1	3,674	11/22/2024 0346	11/24/2024 1700
1460317	Pike	2	3,395	11/22/2024 0437	11/24/2024 1312
1454063	Pike	2	3,209	11/22/2024 0558	11/24/2024 1127
1458462	Pike	7	3,140	11/22/2024 0435	11/24/2024 0855
1455319	Monroe	6	3,079	11/22/2024 0916	11/24/2024 1235
1463047	Pike	22	2,780	11/22/2024 0814	11/24/2024 0634
1458263	Pike	3	2,777	11/22/2024 1431	11/24/2024 1248
1458261	Pike	24	2,668	11/22/2024 1431	11/24/2024 1059
1459203	Pike	45	2,584	11/22/2024 0153	11/23/2024 2057
1460111	Pike	1	2,451	11/22/2024 1931	11/24/2024 1222
1463865	Pike	25	2,447	11/22/2024 0153	11/23/2024 1840
1461952	Pike	185	2,310	11/22/2024 0406	11/23/2024 1836
1464013	Pike	3	2,310	11/22/2024 1918	11/24/2024 0948
1457734	Pike	27	2,287	11/22/2024 0650	11/23/2024 2057
1462369	Pike	58	2,283	11/22/2024 0237	11/23/2024 1640
1460607	Monroe	5	2,276	11/22/2024 2224	11/24/2024 1220
1463001	Pike	168	2,275	11/22/2024 0153	11/23/2024 1548
1461746	Pike	79	2,265	11/22/2024 0153	11/23/2024 1538
1454297	Pike	52	2,254	11/22/2024 0426	11/23/2024 1800
1463387	Pike	69	2,248	11/22/2024 0356	11/23/2024 1724
1459609	Pike	45	2,237	11/22/2024 0432	11/23/2024 1749
1459617	Pike	16	2,237	11/22/2024 0432	11/23/2024 1749
1453812	Pike	1	2,202	11/22/2024 0456	11/23/2024 1738
1462233	Pike	133	2,199	11/22/2024 0153	11/23/2024 1432
1460676	Pike	1	2,187	11/22/2024 2318	11/24/2024 1145
1462810	Pike	69	2,173	11/22/2024 0153	11/23/2024 1406
1459715	Pike	99	2,143	11/22/2024 0156	11/23/2024 1339
1458346	Pike	2	2,124	11/22/2024 0636	11/23/2024 1800
1459456	Pike	1	2,115	11/22/2024 0645	11/23/2024 1800
1453732	Pike	205	2,113	11/22/2024 0645	11/23/2024 1758

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
1458686	Pike	23	2,083	11/22/2024 0153	11/23/2024 1236
1461740	Pike	292	2,083	11/22/2024 0153	11/23/2024 1236
1461992	Pike	84	2,083	11/22/2024 0153	11/23/2024 1236
1458809	Pike	10	2,022	11/22/2024 0435	11/23/2024 1417
1454107	Pike	151	2,020	11/22/2024 0614	11/23/2024 1554
1463304	Pike	2	2,010	11/22/2024 0830	11/23/2024 1800
1459316	Pike	112	1,984	11/22/2024 0432	11/23/2024 1336
1459672	Pike	300	1,966	11/22/2024 0153	11/23/2024 1039
1459724	Pike	9	1,962	11/22/2024 0202	11/23/2024 1044
1453570	Pike	32	1,961	11/22/2024 0402	11/23/2024 1243
1454681	Pike	6	1,961	11/22/2024 0753	11/23/2024 1634
1454224	Pike	15	1,943	11/22/2024 0438	11/23/2024 1301
1456967	Pike	73	1,884	11/22/2024 0237	11/23/2024 1001
1454264	Pike	479	1,882	11/22/2024 0800	11/23/2024 1522
1461185	Pike	3	1,869	11/23/2024 0746	11/24/2024 1455
1460338	Pike	20	1,861	11/22/2024 0821	11/23/2024 1522
1455272	Pike	162	1,757	11/22/2024 0834	11/23/2024 1351
1461159	Pike	10	1,751	11/23/2024 0737	11/24/2024 1248
1463203	Monroe	1	1,739	11/23/2024 1506	11/24/2024 2005
1455404	Pike	38	1,660	11/22/2024 0927	11/23/2024 1307
1461814	Pike	1	1,514	11/23/2024 1010	11/24/2024 1124
1462691	Berks	30	1,456	11/23/2024 1307	11/24/2024 1323
1462392	Pike	1	1,377	11/23/2024 1333	11/24/2024 1230
1457326	Pike	3	1,360	11/22/2024 1242	11/23/2024 1122
1458771	Pike	16	1,250	11/23/2024 1625	11/24/2024 1315
1458520	Berks	1	1,199	11/22/2024 1508	11/23/2024 1107
1463043	Lehigh	12	1,178	11/23/2024 1433	11/24/2024 1011
1463248	Bucks	1	1,130	11/23/2024 1517	11/24/2024 1007
1463509	Berks	1	1,122	11/23/2024 1458	11/24/2024 0940
1454307	Pike	95	1,071	11/22/2024 0437	11/22/2024 2228
1463726	Bucks	18	1,043	11/23/2024 1655	11/24/2024 1018
1453667	Pike	77	966	11/22/2024 0153	11/22/2024 1759
1453295	Pike	15	928	11/22/2024 0311	11/22/2024 1839
1464252	Pike	2	900	11/23/2024 1949	11/24/2024 1049
1460845	Berks	3	865	11/23/2024 0253	11/23/2024 1718
1453030	Pike	8	827	11/22/2024 0140	11/22/2024 1527
1465667	Adams	121	686	11/24/2024 1240	11/25/2024 0006

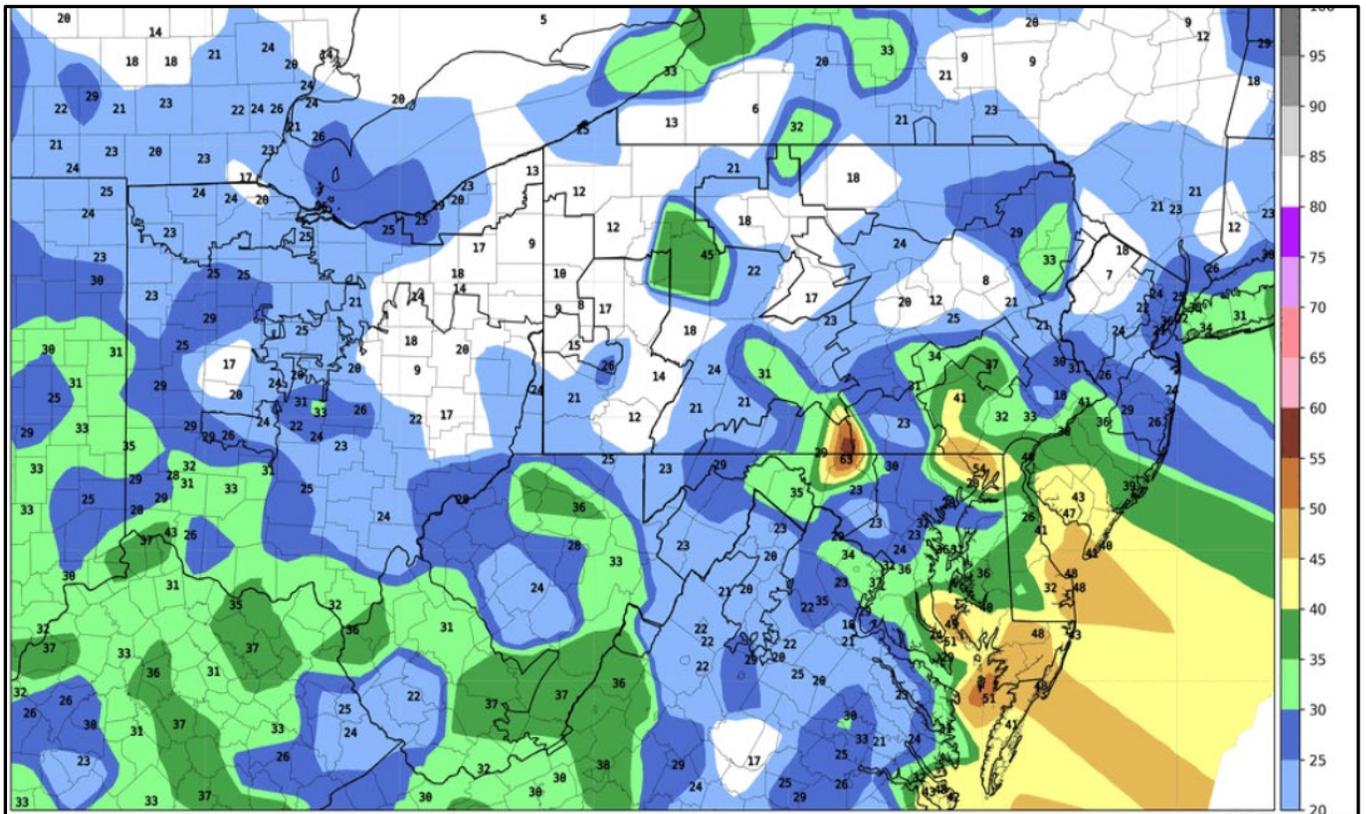
Met-Ed Rate District Storm Report

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
1453636	York	29	658	11/22/2024 0420	11/22/2024 1518
1453556	Bucks	9	633	11/22/2024 0354	11/22/2024 1427
1455161	Pike	28	633	11/22/2024 0857	11/22/2024 1930
1460820	Adams	1	630	11/23/2024 0213	11/23/2024 1243
1456996	Monroe	5	627	11/22/2024 1203	11/22/2024 2230
1454215	Pike	138	613	11/22/2024 0645	11/22/2024 1658
1458794	Pike	5	611	11/22/2024 0835	11/22/2024 1846
1454994	Pike	30	605	11/22/2024 0831	11/22/2024 1836
1453198	Pike	201	596	11/22/2024 0237	11/22/2024 1233
1466061	Pike	5	557	11/24/2024 0906	11/24/2024 1823
1454639	Pike	720	556	11/22/2024 0816	11/22/2024 1732
1464197	Dauphin	3	554	11/23/2024 1555	11/24/2024 0109
1455371	Bucks	2	500	11/22/2024 0924	11/22/2024 1744
1453540	Berks	128	474	11/22/2024 0351	11/22/2024 1145
1453629	Berks	1	469	11/22/2024 0416	11/22/2024 1205
1456017	Pike	20	461	11/22/2024 1011	11/22/2024 1752
1465033	Pike	1	460	11/24/2024 0801	11/24/2024 1541
1452114	Northampton	462	440	11/21/2024 1803	11/22/2024 0123
1453864	Northampton	1	436	11/22/2024 0509	11/22/2024 1225
1454283	Northampton	3	434	11/22/2024 0702	11/22/2024 1416
1464485	Dauphin	38	430	11/23/2024 1551	11/23/2024 2301
1453273	Berks	25	427	11/22/2024 0304	11/22/2024 1011
1455680	Lebanon	1	421	11/22/2024 1004	11/22/2024 1705
1452951	Bucks	11	414	11/22/2024 0048	11/22/2024 0742
1467515	Northampton	1	389	11/25/2024 1158	11/25/2024 1827
1453814	Northampton	9	377	11/22/2024 0457	11/22/2024 1114
1460853	York	27	367	11/23/2024 0305	11/23/2024 0912
1463326	Northampton	34	365	11/23/2024 1531	11/23/2024 2136

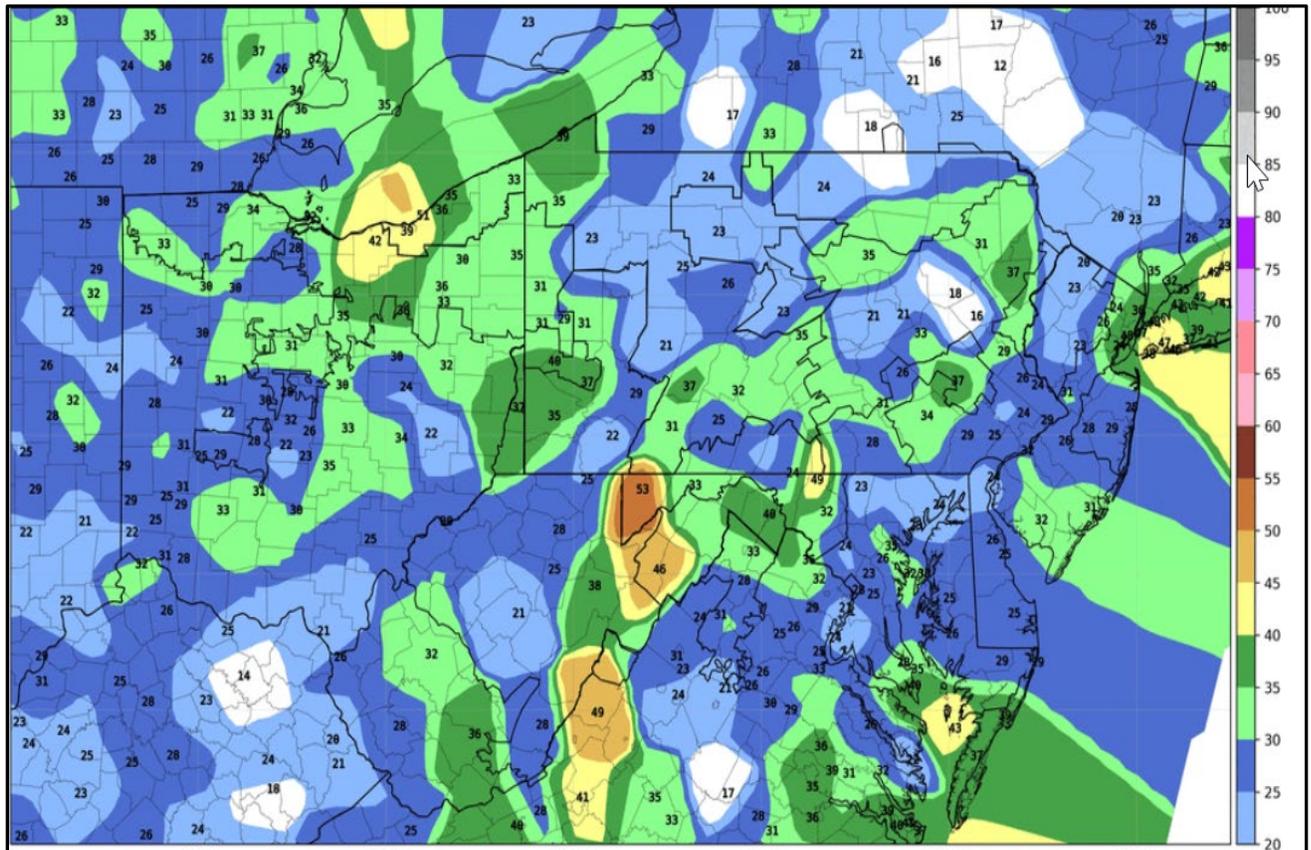
Attachment B: Wind and Precipitation Reports

Wind and Precipitation Reports: Graphics 1 through 3 illustrate the maximum wind gusts in the Met-Ed service territory on November 21 through November 23, 2024. Graphic 4 illustrates the 24-Hour Total Precipitation in the Met-Ed service territory on November 21 to November 22, 2024. Graphic 5 illustrates the 48-Hour Total Precipitation in the Met-Ed service territory on November 21 to November 23, 2024. All graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

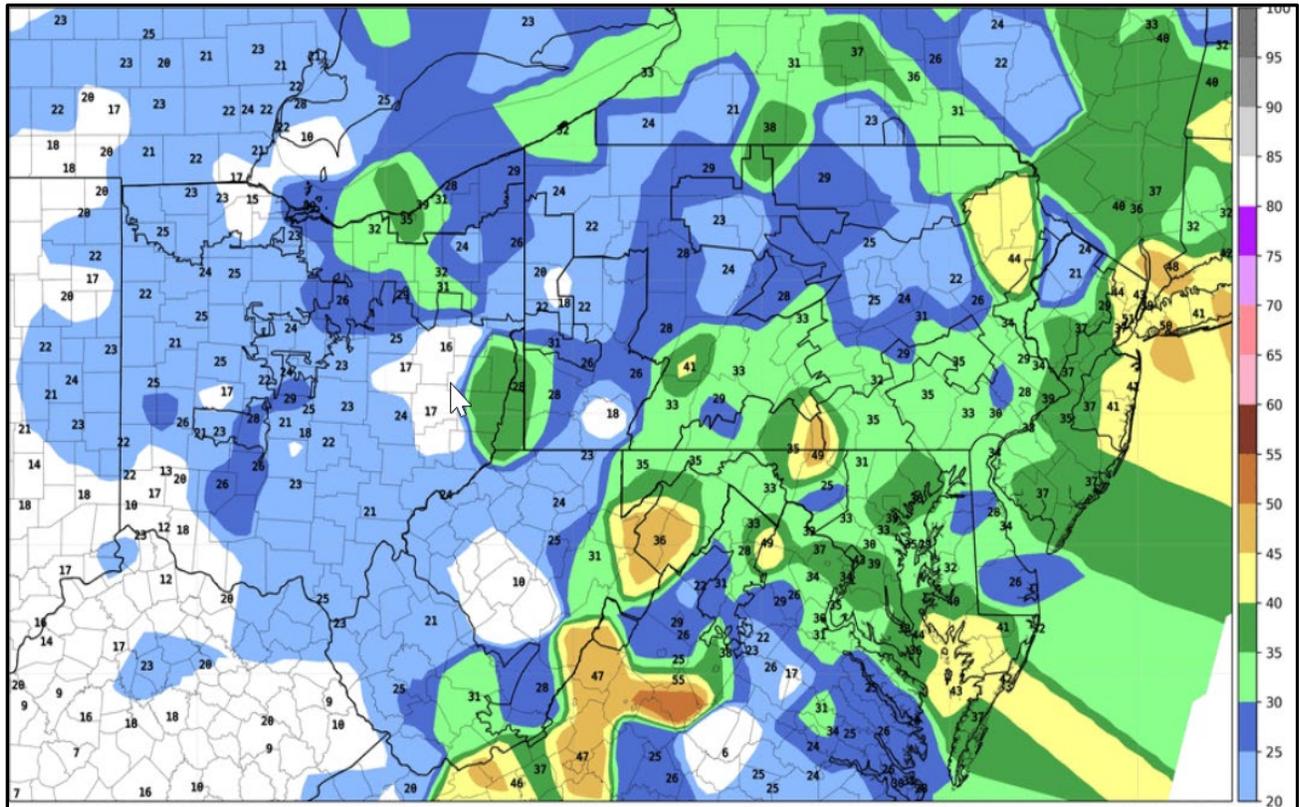
Graphic 1: Maximum Wind Gusts – Thursday, November 21, 2024



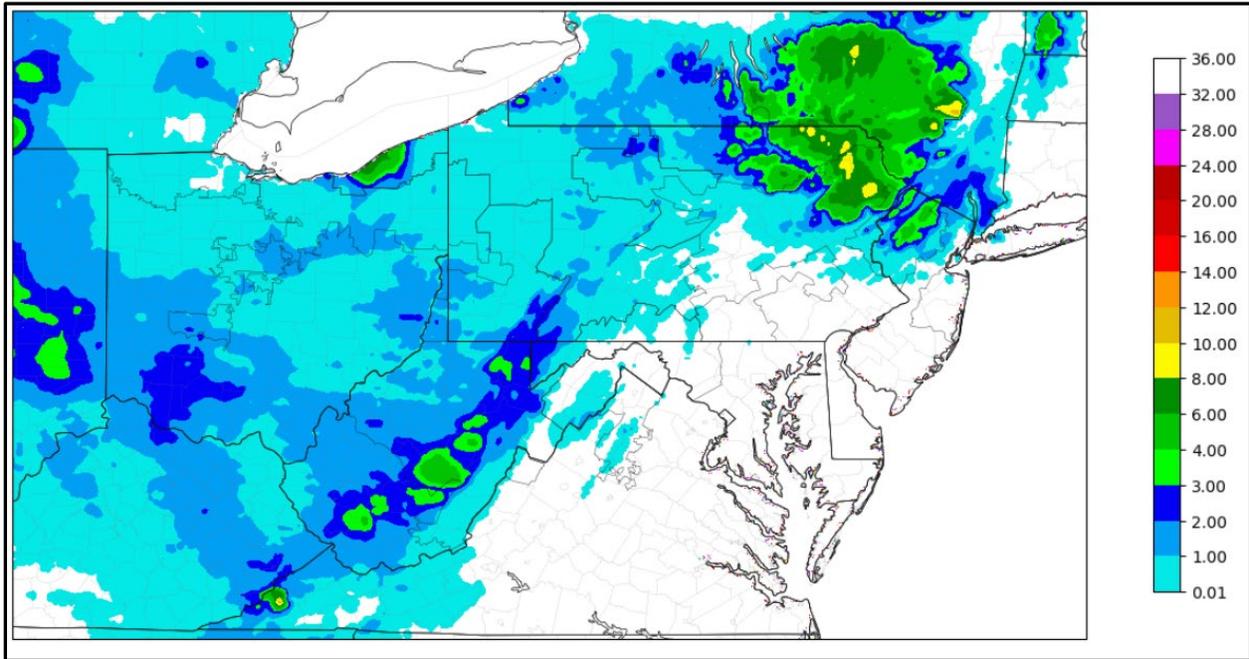
Graphic 2: Maximum Wind Gusts – Friday, November 22, 2024



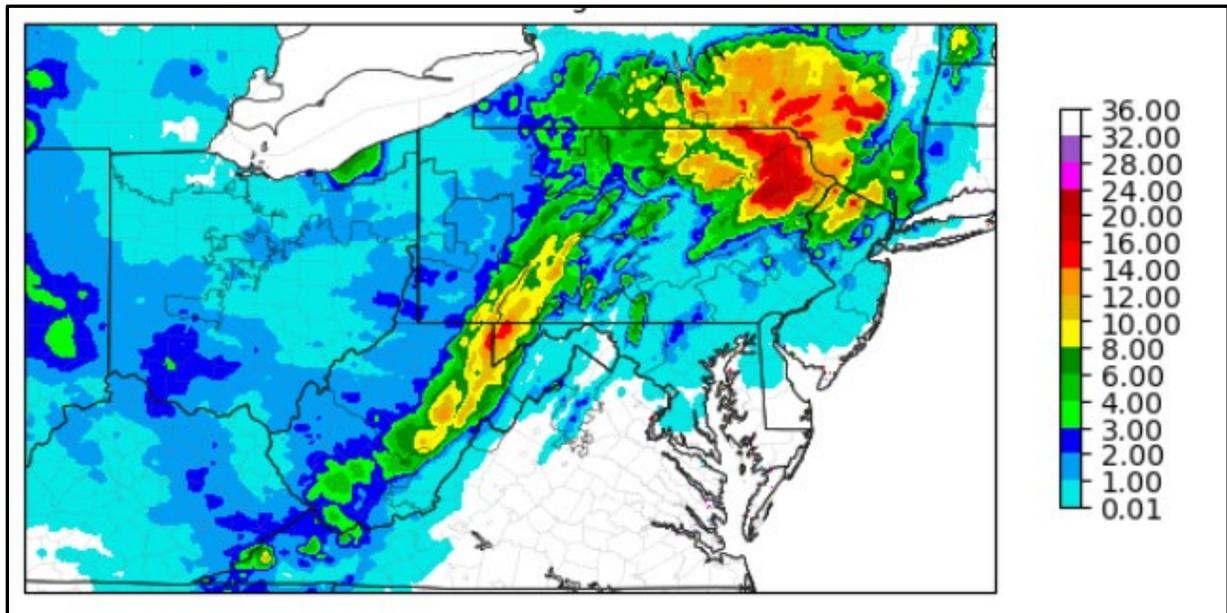
Graphic 3: Maximum Wind Gusts – Saturday, November 23, 2024



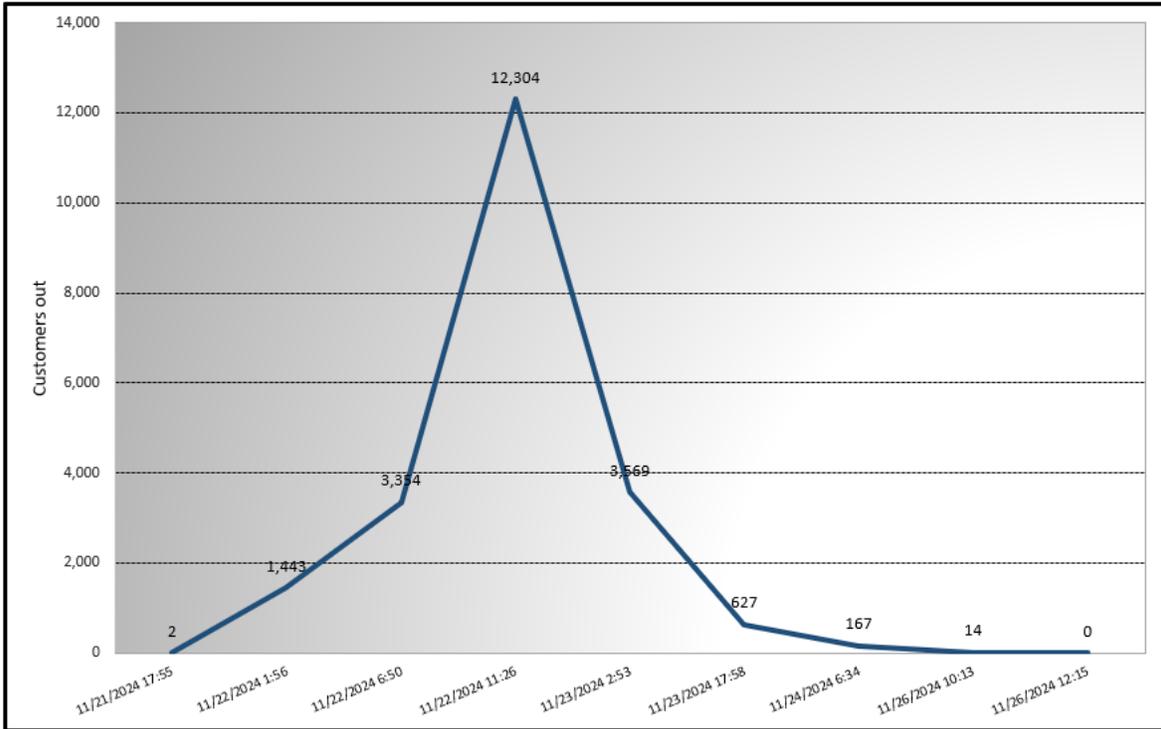
Graphic 4: 24-Hour Total Precipitation – Thursday, November 21, 2024



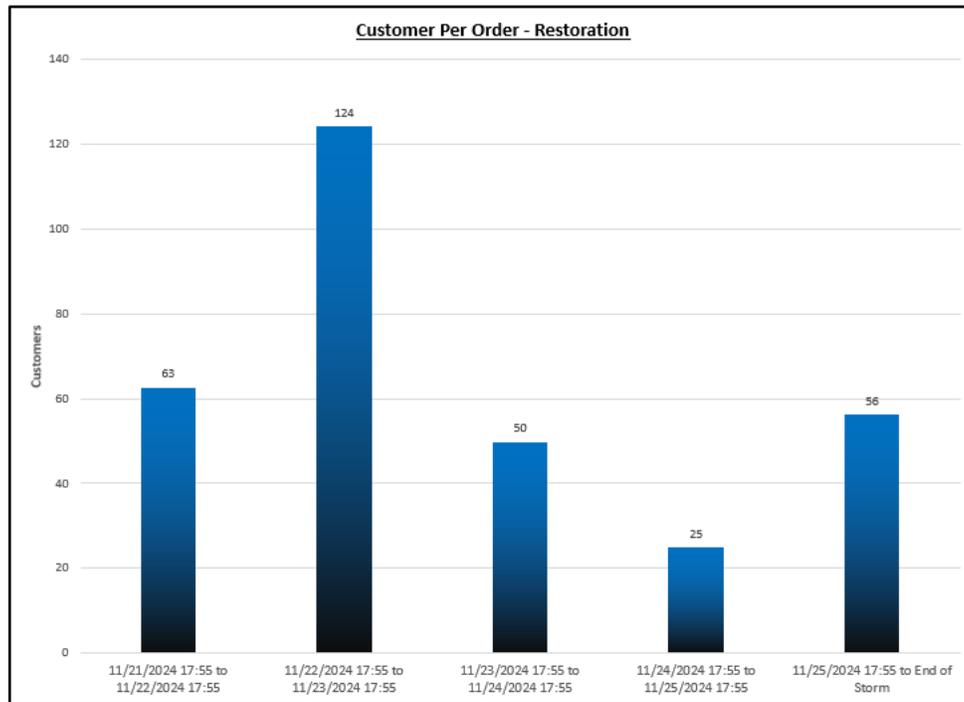
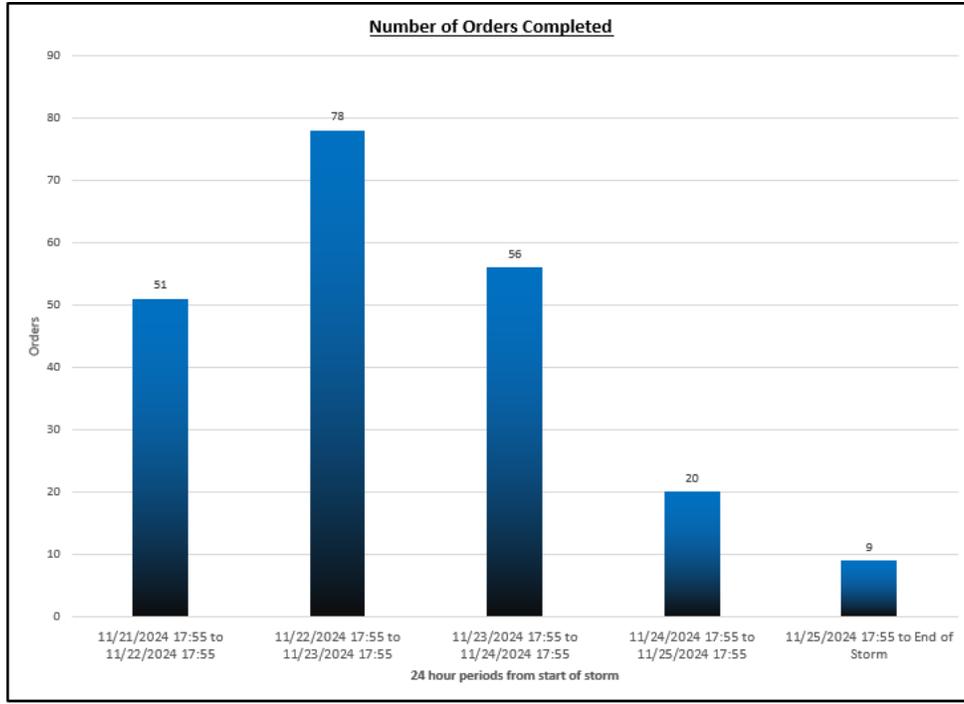
Graphic 5: 48-Hour Total Precipitation – Thursday, November 21, 2024 to Saturday, November 23, 2024



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs

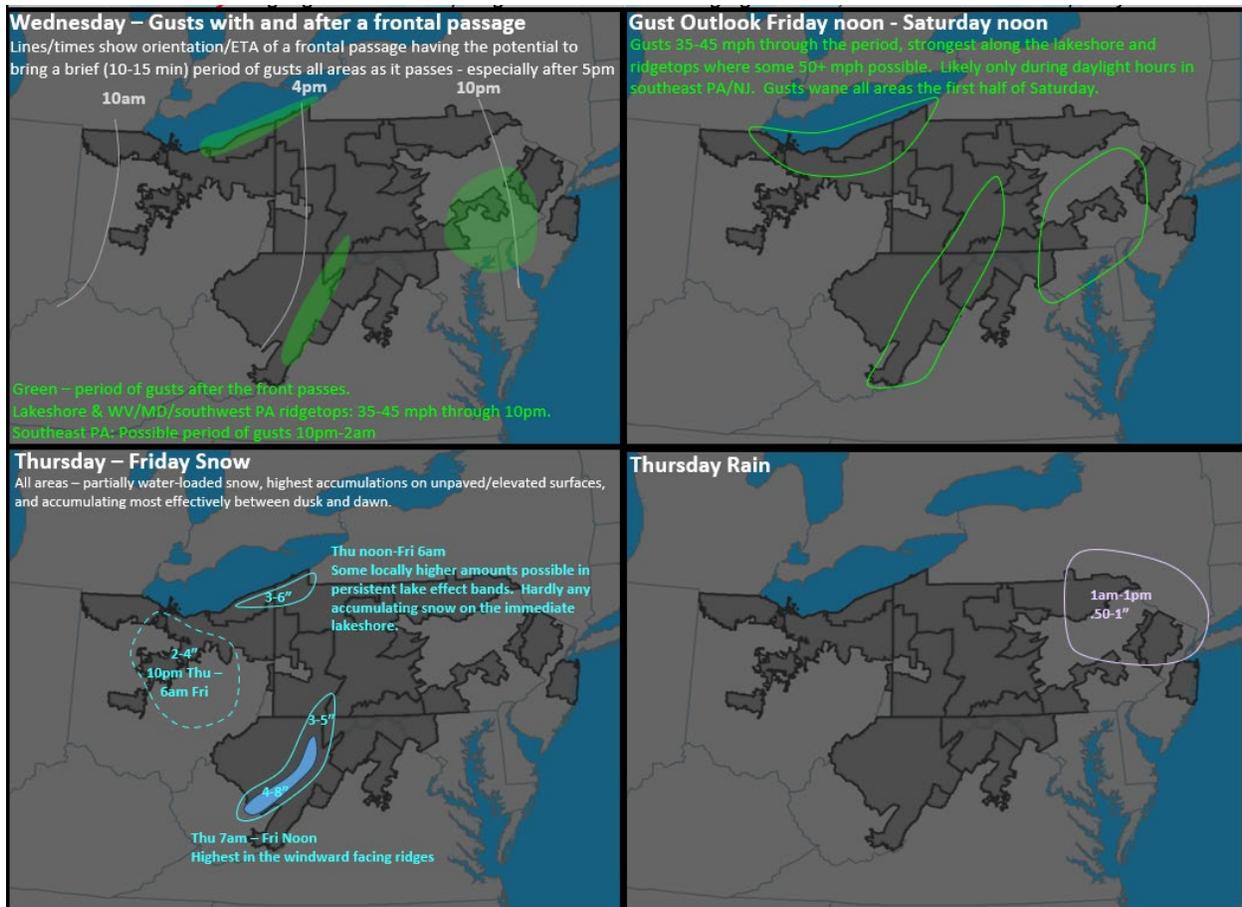


Attachment E: Meteorologist Report

Monday, November 18, 2024 @ 1027

New Issuance:

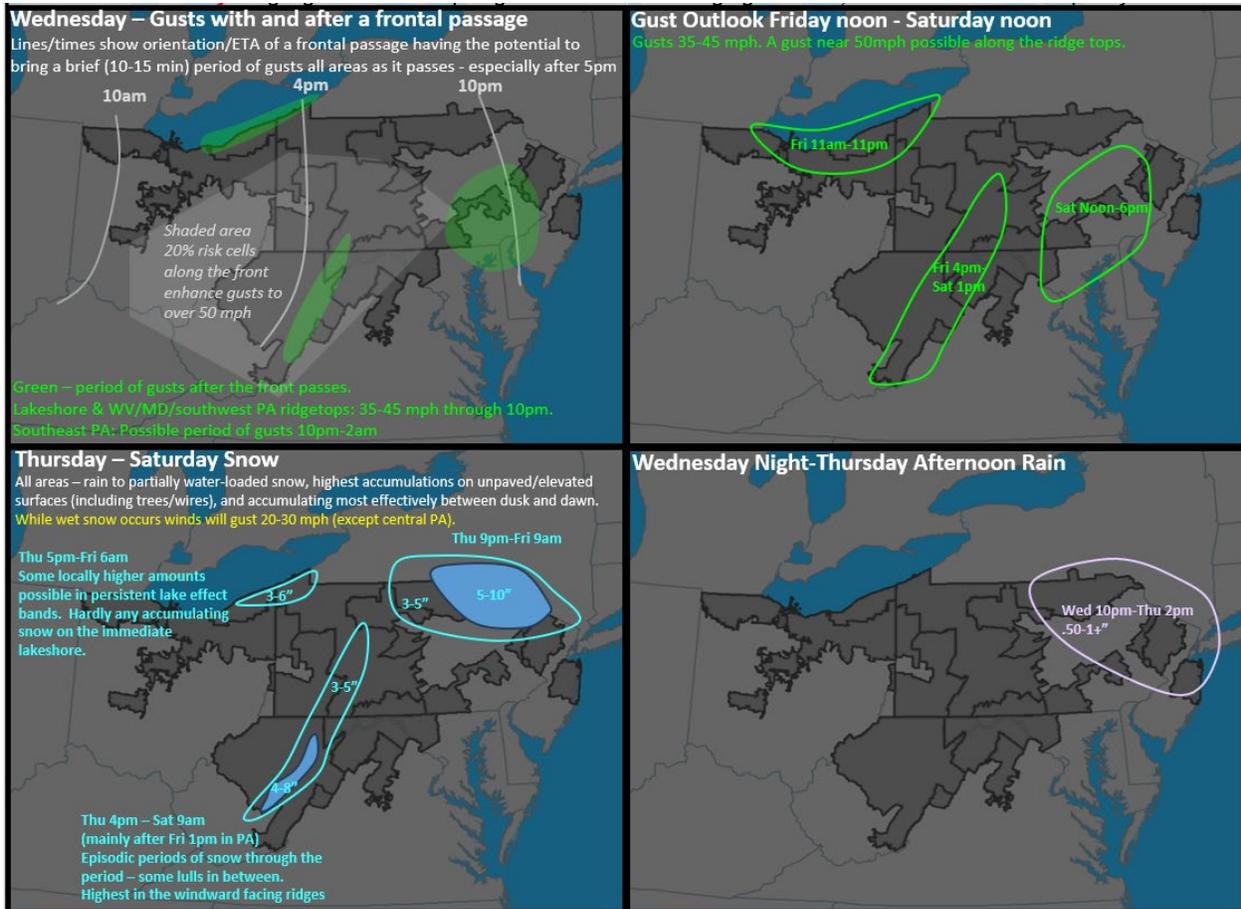
Gusts expected with a frontal passage mid-week followed by a period of cool temperatures, wind gusts, and first season snow – all ending Saturday. Rain amounts depicted due to the ongoing drought/wildfire conditions in east FE. Changes to the details are likely given we are still a few days away from these events.



Tuesday, November 19, 2024 @ 0910

Changes:

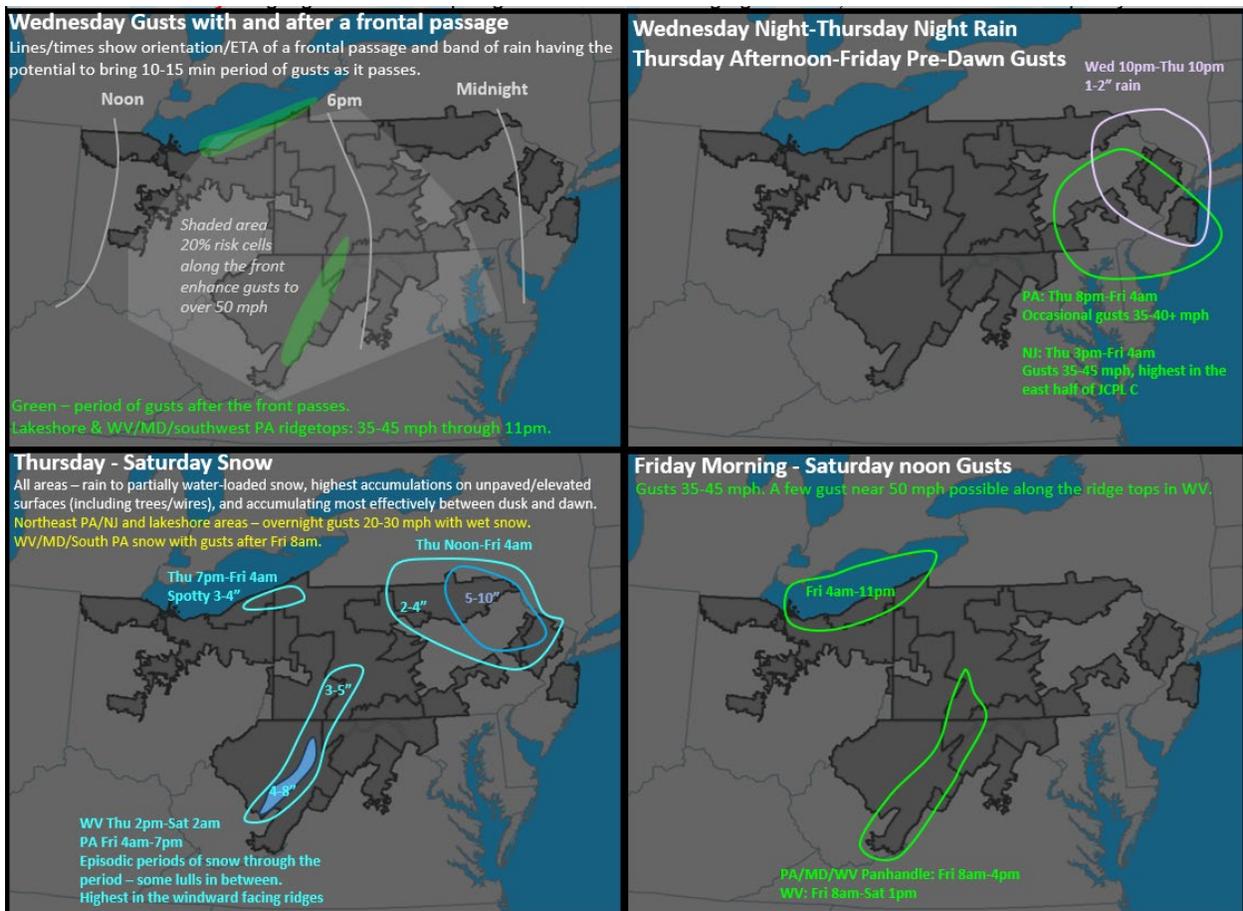
1. Wed frontal passage: Added mention of thunderstorm cells with front.
2. Wed-Thu rain – increased amount and coverage.
3. Fri-Sat gusts: Added details of timing per area.
4. Thu-Sat snow: Adjusted timing all areas, extended south area north into central PA, and added new area in northeast FE. Also added mention of wind gusts in most areas wet snow is expected.



Wednesday, November 20, 2024 @ 0918

Changes:

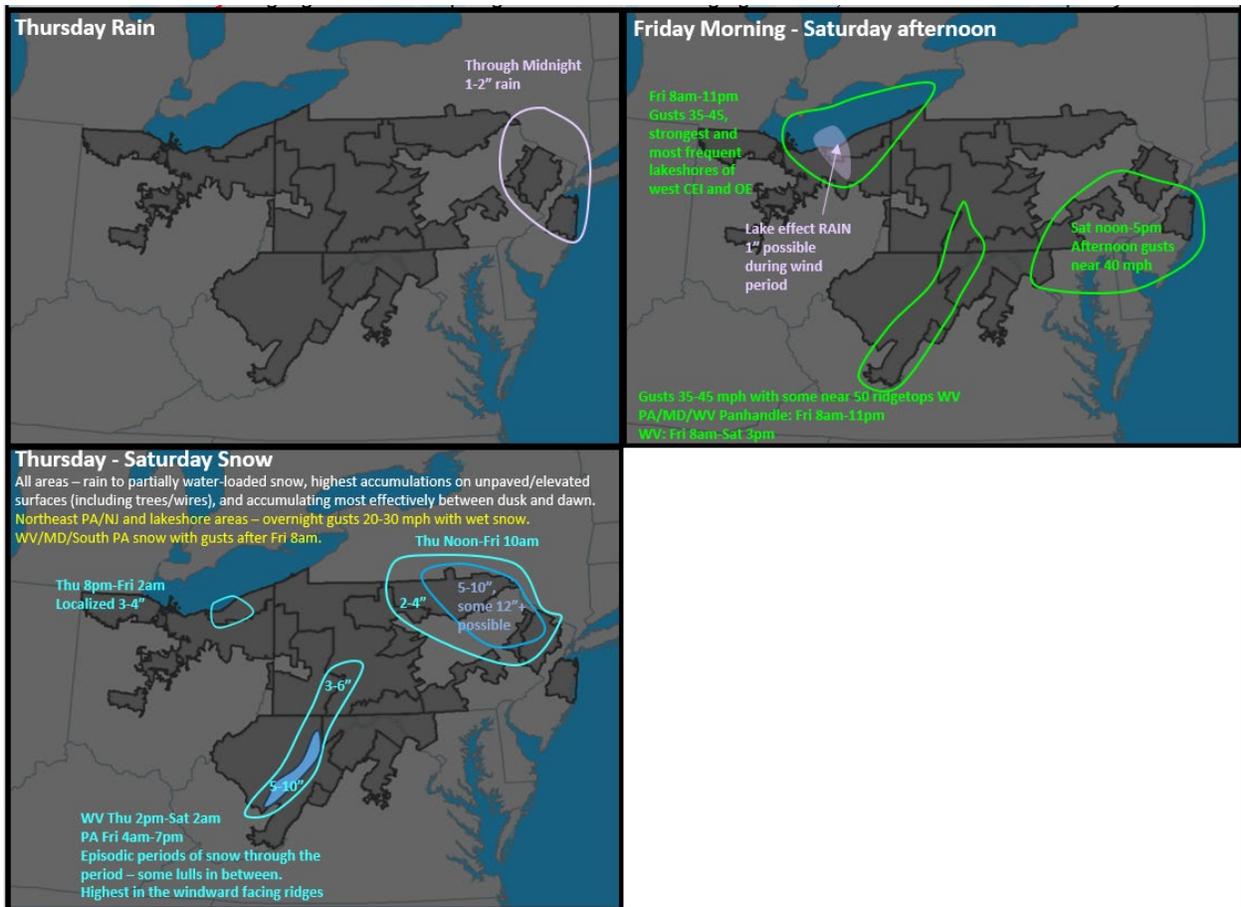
1. Wed frontal passage: Modified timing by 2 hours earlier.
2. Wed-Thu rain and gusts: Fine-rain area and increased amounts. Added gust threat Thu afternoon/evening into early Friday.
3. Fri-Sat gusts: Fine-tuned areas/timing.
4. Thu-Sat snow: Fine-tuned areas/timing.



Thursday, November 21, 2024 @ 0923

Changes:

1. Thu: Removed gusts areas
2. Fri-Sat gusts: Highlighted localized area of 1" rain combined with expanded wind area in OH. Added gust area in southeast PA, east MD, and NJ.
3. Thu-Sat snow: Shifted the lake effect area west, increased amounts in northeast PA and WV



Friday, November 22, 2024 @ 0946

Changes:

1. Fri-Sat gusts: Added gust area today in southeast PA, east MD, and NJ.
2. Fri-Sat snow: Fine-tuned amounts and timing. Snow will still be partially water loaded.

