

Darsh Singh, Esq.  
(610) 212-8331  
(330) 315-9263 (Fax)

January 30, 2024

**VIA E-FILING**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> 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 Pennsylvania Electric Rate District (“Penelec”) submits written notification of completed restoration efforts following storm conditions that began on January 12, 2024 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) 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: FirstEnergy Pennsylvania Electric Company on behalf of  
Penelec Rate District ("Penelec")  
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) 449-9308  
*(Telephone Number)*

4. Date and time report was made to Commission:

January 12, 2024                                      2110  
*(Date)*    *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 52,463 (Represents 9.0% 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	5	5	5
Blair	27	34	44
Bradford	38	42	46
Cambria	20	20	27
Centre	3	5	13
Clarion	14	25	19
Clearfield	29	37	41
Crawford	39	45	97
Cumberland	2	2	5
Erie	169	195	427
Forest	4	4	8
Franklin	4	4	6
Huntingdon	11	16	16
Indiana	26	50	49
Jefferson	6	7	8
Juniata	2	4	2
Lycoming	9	10	16
Mckean	24	28	33
Mifflin	21	29	38
Perry	3	3	1
Potter	4	5	4
Somerset	28	37	33
Sullivan	5	5	4
Susquehanna	56	64	63
Tioga	9	9	15
Venango	37	44	34
Warren	21	27	35
Wayne	9	11	18
Westmoreland	3	3	1
Wyoming	17	17	20
<b>Total</b>	<b>645</b>	<b>787</b>	<b>1,128</b>

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 341

(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 Tuesday, January 12, 2024, a weather system producing rain and heavy winds moved through Pennsylvania including the Penelec service territory. The system produced storms with heavy precipitation and high winds of approximately 53 miles per hour. See Attachment B for the maximum wind gusts for January 12 through January 14, 2024, the 24-hour total precipitation for January 12, 2024, and the 24-hour total snowfall for January 12, 2024.

Damage as a result of the high winds included downed wires, and damaged and broken poles, trees, and branches. High winds affected restoration efforts as crews cannot safely handle materials if winds exceed 30 mph or operate bucket trucks if winds exceed 40 mph. The Erie region was the hardest hit area. Approximately 42.9% of the total outages that occurred were tree related and an additional 23.0% were wind related.

Preliminary data indicates the reliability impact of the storm was 22.4 minutes of SAIDI, 0.09 of SAIFI, and an overall storm CAIDI of 250.27 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 2300 on Monday, January 15, 2024.

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	156	Line Workers
<b>Subtotal</b>	<b>156</b>	<b>Line Workers</b>
JW Didado	82	Line Contractor
Thayer	5	Line Contractor
H&M	12	Line Contractor
X-Treme Powerline	22	Line Contractor
Tempest	59	Line Contractor
CSR	26	Line Contractor
Thompson Elec	30	Line Contractor
NG Gilbert	5	Line Contractor
<b>Subtotal</b>	<b>241</b>	<b>Line Contractor</b>
Asplundh Tree Expert, LLC	14	Forestry Contractor
Davey	48	Forestry Contractor
Hazlett Tree Service, Inc	11	Forestry Contractor
Lewis Tree – 28	22	Forestry Contractor

Penn Line Services, Inc.	111	Forestry Contractor
<b>Subtotal</b>	<b>206</b>	<b>Forestry Contractor</b>
Hazard Responders	45	Hazard Responders/Damage Assessors
Hazard Dispatchers	5	Hazard Responders/Damage Assessors
Hazard Coordinators	2	Hazard Responders/Damage Assessors
<b>Subtotal</b>	<b>52</b>	<b>Hazard Responders/Damage Assessors</b>
Fleet/DSO/Hosp/Crew Mgr	58	Supporting Roles
<b>Subtotal</b>	<b>58</b>	<b>Supporting Roles</b>
<b>Grand Total</b>	<b>713</b>	

- (i) The date and time of the first information of a service interruption: January 12, 2024 at 1553.
- (j) The date and time that repair crews were assembled: January 12, 2024 at 0600.
- (k) The actual time that service was restored to the last affected customer: January 16, 2024 at 0904.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

<b>Equipment</b>	<b>Number</b>
Primary Spans	226
Secondary Spans	307
Crossarms Replaced	114
Cutouts Replaced	105
Poles Replaced	86
Transformers Replaced	39
Wire & Cable Replaced (feet)	24,136

- (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 information<sup>1</sup>:**

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
867410	Clarion	1	4,049	01/12/2024 1801	01/15/2024 1330
853883	Susquehanna	1	3,693	01/13/2024 0137	01/15/2024 1510
868209	Centre	2	3,380	01/13/2024 0224	01/15/2024 1044
855911	Indiana	2	2,813	01/12/2024 1648	01/14/2024 1541
850242	Crawford	1	2,790	01/12/2024 1915	01/14/2024 1745
861964	Susquehanna	1	2,754	01/14/2024 1158	01/16/2024 0952
850263	Erie	23	2,707	01/12/2024 1920	01/14/2024 1627
865395	Erie	1	2,688	01/12/2024 2047	01/14/2024 1735
851587	Erie	228	2,686	01/12/2024 1924	01/14/2024 1610
851486	Erie	1	2,667	01/12/2024 1715	01/14/2024 1342
850822	Erie	1	2,634	01/12/2024 2025	01/14/2024 1619
861407	Erie	2	2,611	01/12/2024 1839	01/14/2024 1410
850086	Erie	4	2,590	01/12/2024 1847	01/14/2024 1357
856519	Erie	18	2,587	01/12/2024 1908	01/14/2024 1415
854510	Crawford	138	2,555	01/12/2024 1921	01/14/2024 1356
850221	Erie	6	2,489	01/12/2024 1912	01/14/2024 1241
850873	Erie	10	2,487	01/12/2024 2041	01/14/2024 1408
850834	Erie	1	2,458	01/12/2024 2027	01/14/2024 1325
850391	Crawford	6	2,451	01/12/2024 1935	01/14/2024 1226
860067	Erie	24	2,435	01/12/2024 1933	01/14/2024 1208
850204	Erie	16	2,426	01/12/2024 1909	01/14/2024 1135
850899	Erie	1	2,409	01/12/2024 2044	01/14/2024 1253
856738	Erie	15	2,402	01/12/2024 1957	01/14/2024 1159
851193	Clearfield	10	2,388	01/12/2024 2138	01/14/2024 1326
850133	Erie	1	2,341	01/12/2024 1859	01/14/2024 1000
850996	Crawford	3	2,319	01/12/2024 2056	01/14/2024 1135
850373	Erie	7	2,302	01/12/2024 1933	01/14/2024 0955
858387	Crawford	3	2,299	01/12/2024 1941	01/14/2024 1000
854321	Erie	1	2,170	01/13/2024 1137	01/14/2024 2347
853966	Erie	1	1,960	01/13/2024 1050	01/14/2024 1930
851388	Erie	2	1,957	01/12/2024 2304	01/14/2024 0741
860132	Mifflin	3	1,871	01/14/2024 1119	01/15/2024 1830

<sup>1</sup> 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 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
860047	McKean	2	1,846	01/13/2024 0643	01/14/2024 1329
852012	Erie	1	1,839	01/13/2024 0214	01/14/2024 0853
859448	Clarion	3	1,804	01/14/2024 0601	01/15/2024 1205
865521	Susquehanna	11	1,792	01/14/2024 1258	01/15/2024 1850
853721	Erie	1	1,788	01/13/2024 1012	01/14/2024 1600
858207	Clearfield	13	1,780	01/13/2024 1244	01/14/2024 1824
858941	Crawford	4	1,747	01/12/2024 1817	01/13/2024 2324
849779	Erie	1	1,734	01/12/2024 1745	01/13/2024 2239
856434	Clearfield	2	1,730	01/13/2024 1520	01/14/2024 2010
867805	Wayne	9	1,713	01/14/2024 1343	01/15/2024 1816
860259	Wyoming	7	1,709	01/14/2024 1143	01/15/2024 1612
851072	Erie	4	1,690	01/12/2024 2116	01/14/2024 0126
850143	Erie	3	1,679	01/12/2024 1901	01/13/2024 2300
860068	Huntingdon	8	1,670	01/14/2024 1109	01/15/2024 1459
854753	Erie	1	1,658	01/13/2024 1229	01/14/2024 1607
850199	Erie	1	1,657	01/12/2024 1909	01/13/2024 2246
866170	Lycoming	1	1,636	01/14/2024 1111	01/15/2024 1427
850249	Erie	13	1,626	01/12/2024 1916	01/13/2024 2222
850558	Erie	7	1,626	01/12/2024 1954	01/13/2024 2300
858702	Crawford	1	1,626	01/12/2024 1659	01/13/2024 2005
865949	Susquehanna	36	1,612	01/14/2024 1138	01/15/2024 1430
853225	Erie	1	1,610	01/13/2024 0837	01/14/2024 1127
853162	Susquehanna	2	1,606	01/13/2024 0823	01/14/2024 1109
858666	Susquehanna	1	1,606	01/13/2024 2014	01/14/2024 2300
849935	Crawford	58	1,603	01/12/2024 1817	01/13/2024 2100
865948	Bradford	4	1,592	01/14/2024 1303	01/15/2024 1535
869680	Bradford	2	1,590	01/14/2024 1824	01/15/2024 2054
853849	Erie	1	1,588	01/13/2024 1035	01/14/2024 1303
850792	Erie	5	1,578	01/12/2024 2022	01/13/2024 2240
859033	Erie	1	1,553	01/12/2024 2016	01/13/2024 2209
853426	Erie	2	1,546	01/13/2024 0924	01/14/2024 1110
850314	Erie	52	1,543	01/12/2024 1927	01/13/2024 2110
858587	Erie	1	1,537	01/13/2024 1958	01/14/2024 2135
850629	Warren	29	1,528	01/12/2024 1749	01/13/2024 1917
860950	Wyoming	1	1,527	01/14/2024 1315	01/15/2024 1442
853238	Erie	1	1,516	01/13/2024 0840	01/14/2024 0956
866033	Bradford	17	1,514	01/14/2024 1116	01/15/2024 1230
866168	Lycoming	9	1,514	01/14/2024 1111	01/15/2024 1225

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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
867807	Susquehanna	2	1,509	01/14/2024 1329	01/15/2024 1438
854538	Susquehanna	1	1,501	01/13/2024 1204	01/14/2024 1305
853701	Erie	1	1,497	01/13/2024 1009	01/14/2024 1106
853831	Erie	116	1,492	01/12/2024 1912	01/13/2024 2004
860728	Wyoming	38	1,477	01/14/2024 1253	01/15/2024 1330
856786	Erie	53	1,474	01/12/2024 1850	01/13/2024 1924
850113	Erie	9	1,473	01/13/2024 1853	01/14/2024 1926
860057	Erie	4	1,465	01/13/2024 1754	01/14/2024 1819
849227	Indiana	4	1,460	01/12/2024 1726	01/13/2024 1746
852850	Erie	2	1,450	01/13/2024 0703	01/14/2024 0713
849393	Crawford	24	1,449	01/12/2024 1704	01/13/2024 1713
866437	Wyoming	3	1,447	01/14/2024 1110	01/15/2024 1117
849761	Erie	67	1,435	01/13/2024 1032	01/14/2024 1027
851462	Clarion	2	1,433	01/12/2024 1747	01/13/2024 1740
852042	Mckean	5	1,433	01/12/2024 1937	01/13/2024 1930
865521	Susquehanna	1	1,424	01/14/2024 1906	01/15/2024 1850
850856	Mckean	1	1,420	01/12/2024 2035	01/13/2024 2015
854420	Crawford	6	1,416	01/12/2024 1941	01/13/2024 1917
849760	Clearfield	16	1,407	01/12/2024 1742	01/13/2024 1709
849227	Indiana	8	1,390	01/12/2024 1726	01/13/2024 1636
849961	Warren	7	1,386	01/12/2024 1824	01/13/2024 1730
854010	Erie	1	1,384	01/13/2024 1056	01/14/2024 1000
850487	Erie	2	1,383	01/12/2024 1944	01/13/2024 1847
860329	Lycoming	4	1,383	01/14/2024 1111	01/15/2024 1014
854309	Bradford	3	1,381	01/13/2024 1134	01/14/2024 1035
860703	Susquehanna	3	1,379	01/14/2024 1249	01/15/2024 1148
850599	Erie	4	1,374	01/12/2024 2001	01/13/2024 1855
868363	Wyoming	2	1,371	01/14/2024 1221	01/15/2024 1112
850186	Erie	13	1,369	01/12/2024 1908	01/13/2024 1757
850433	Erie	27	1,369	01/12/2024 1938	01/13/2024 1827
860208	Bradford	1	1,369	01/14/2024 1136	01/15/2024 1025
860393	Susquehanna	16	1,364	01/14/2024 1208	01/15/2024 1052
850556	Erie	4	1,361	01/12/2024 1954	01/13/2024 1835
850245	Erie	11	1,353	01/12/2024 1915	01/13/2024 1748
856519	Erie	14	1,352	01/12/2024 1908	01/13/2024 1740
849274	Erie	10	1,342	01/12/2024 1636	01/13/2024 1458
849178	Erie	1	1,333	01/12/2024 1608	01/13/2024 1421
858750	Erie	1	1,315	01/13/2024 2038	01/14/2024 1833

Penelec 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
860155	Lycoming	76	1,314	01/14/2024 1111	01/15/2024 0905
860192	Susquehanna	9	1,311	01/14/2024 1132	01/15/2024 0923
849315	Indiana	1	1,306	01/12/2024 1648	01/13/2024 1434
860282	Susquehanna	5	1,296	01/14/2024 1149	01/15/2024 0925
849815	Clearfield	2	1,290	01/12/2024 1752	01/13/2024 1522
850117	Erie	14	1,271	01/12/2024 1854	01/13/2024 1605
850513	Erie	1	1,262	01/12/2024 1948	01/13/2024 1650
849151	Indiana	1	1,251	01/12/2024 1559	01/13/2024 1250
850513	Erie	2	1,248	01/12/2024 1948	01/13/2024 1636
850490	Erie	23	1,243	01/12/2024 1944	01/13/2024 1627
850187	Erie	28	1,227	01/12/2024 1908	01/13/2024 1535
860687	Wyoming	10	1,217	01/14/2024 1248	01/15/2024 0905
852274	Erie	40	1,212	01/12/2024 1908	01/13/2024 1520
849209	Somerset	12	1,211	01/12/2024 1619	01/13/2024 1230
849931	Erie	35	1,208	01/12/2024 1815	01/13/2024 1423
850931	Erie	9	1,200	01/12/2024 2048	01/13/2024 1648
853936	Erie	13	1,199	01/12/2024 1657	01/13/2024 1256
850263	Erie	26	1,196	01/12/2024 1920	01/13/2024 1516
857206	Erie	1	1,194	01/13/2024 1646	01/14/2024 1240
850059	Crawford	3	1,185	01/12/2024 1634	01/13/2024 1219
851362	Erie	1	1,177	01/12/2024 2253	01/13/2024 1830
858129	Somerset	2	1,167	01/13/2024 1508	01/14/2024 1035
850138	Erie	5	1,160	01/12/2024 1900	01/13/2024 1420
855747	Erie	9	1,160	01/12/2024 1900	01/13/2024 1420
849416	Erie	17	1,158	01/12/2024 1708	01/13/2024 1226
850256	Erie	65	1,153	01/12/2024 1918	01/13/2024 1431
851000	Warren	6	1,152	01/12/2024 1737	01/13/2024 1249
850601	Erie	35	1,146	01/12/2024 1646	01/13/2024 1152
849310	Indiana	60	1,138	01/12/2024 1647	01/13/2024 1145
861438	Wayne	23	1,136	01/14/2024 1343	01/15/2024 0839
852893	Erie	2	1,124	01/12/2024 1956	01/13/2024 1440
857673	Susquehanna	16	1,124	01/13/2024 1740	01/14/2024 1224
851074	Clarion	28	1,119	01/12/2024 1801	01/13/2024 1240
851131	Erie	16	1,118	01/12/2024 2137	01/13/2024 1615
849409	Forest	48	1,115	01/12/2024 1707	01/13/2024 1142
850797	Crawford	1	1,107	01/12/2024 2023	01/13/2024 1450
860646	Perry	1	1,106	01/14/2024 1244	01/15/2024 0710
850140	Erie	1	1,104	01/12/2024 1901	01/13/2024 1325

Penelec 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
864347	Mckean	2	1,094	01/14/2024 1556	01/15/2024 1010
857892	Tioga	9	1,083	01/13/2024 1613	01/14/2024 1016
850526	Crawford	1	1,080	01/12/2024 1950	01/13/2024 1350
855710	Clearfield	1	1,079	01/12/2024 2149	01/13/2024 1548
851796	Erie	43	1,077	01/12/2024 1659	01/13/2024 1056
849310	Indiana	10	1,065	01/12/2024 1800	01/13/2024 1145
850627	Erie	59	1,063	01/12/2024 1657	01/13/2024 1040
857006	Erie	1	1,057	01/13/2024 1625	01/14/2024 1002
855554	Erie	1	1,047	01/13/2024 1407	01/14/2024 0734
853282	Clearfield	13	1,039	01/12/2024 1651	01/13/2024 1010
850094	Erie	16	1,037	01/12/2024 1851	01/13/2024 1208
856556	Bradford	2	1,037	01/13/2024 1539	01/14/2024 0856
859582	Blair	6	1,027	01/13/2024 1722	01/14/2024 1029
857703	Susquehanna	1	1,023	01/13/2024 1744	01/14/2024 1047
849227	Indiana	75	1,019	01/12/2024 1726	01/13/2024 1025
850143	Erie	68	1,019	01/12/2024 1901	01/13/2024 1200
851212	Erie	1	1,018	01/13/2024 2157	01/14/2024 1455
850784	Erie	21	1,015	01/12/2024 2022	01/13/2024 1317
852488	Mckean	50	1,014	01/12/2024 2234	01/13/2024 1528
851245	Warren	4	1,013	01/12/2024 2207	01/13/2024 1500
850155	Erie	83	1,012	01/12/2024 1903	01/13/2024 1155
853178	Erie	2	1,012	01/13/2024 0825	01/14/2024 0117
857662	Clearfield	1	1,011	01/13/2024 1739	01/14/2024 1030
850876	Indiana	1	1,006	01/12/2024 1714	01/13/2024 1000
849666	Indiana	3	1,004	01/12/2024 1728	01/13/2024 1012
851136	Crawford	18	1,003	01/12/2024 1959	01/13/2024 1242
850336	Erie	2	1,001	01/12/2024 1930	01/13/2024 1211
853485	Crawford	213	998	01/12/2024 1921	01/13/2024 1159
851813	Susquehanna	1	996	01/12/2024 2053	01/13/2024 1329
859683	Wayne	10	996	01/13/2024 1734	01/14/2024 1010
849791	Warren	132	987	01/12/2024 1748	01/13/2024 1015
850219	Erie	22	985	01/12/2024 1912	01/13/2024 1137
851700	Erie	153	984	01/12/2024 1845	01/13/2024 1109
860221	Huntingdon	19	982	01/14/2024 1138	01/15/2024 0400
850162	Erie	91	981	01/12/2024 1904	01/13/2024 1125
868471	Erie	1	979	01/14/2024 2029	01/15/2024 1248
850600	Erie	49	977	01/12/2024 2001	01/13/2024 1218
853401	Clearfield	1	975	01/12/2024 1706	01/13/2024 0921

Penelec 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
860065	Mifflin	7	970	01/14/2024 1107	01/15/2024 0317
854081	Crawford	6	969	01/12/2024 1941	01/13/2024 1150
853282	Clearfield	13	953	01/12/2024 1651	01/13/2024 0844
849866	Warren	55	948	01/12/2024 1756	01/13/2024 0944
857205	Susquehanna	12	942	01/13/2024 1646	01/14/2024 0828
868232	Venango	4	938	01/15/2024 0025	01/15/2024 1603
849193	Indiana	26	928	01/12/2024 1615	01/13/2024 0743
854106	Erie	1	923	01/13/2024 1111	01/14/2024 0234
850979	Warren	116	918	01/12/2024 1727	01/13/2024 0845
850220	Erie	8	916	01/12/2024 1912	01/13/2024 1028
851251	Crawford	38	902	01/12/2024 2208	01/13/2024 1310
859683	Wayne	18	901	01/13/2024 1734	01/14/2024 0835
851404	Indiana	19	900	01/12/2024 1730	01/13/2024 0830
849866	Warren	128	897	01/12/2024 1847	01/13/2024 0944
857926	Erie	1	897	01/13/2024 1803	01/14/2024 0900
849505	Indiana	14	891	01/12/2024 1712	01/13/2024 0803
860154	Wyoming	14	891	01/14/2024 1123	01/15/2024 0214
851081	Erie	19	890	01/12/2024 2120	01/13/2024 1210
852821	Erie	9	890	01/12/2024 2120	01/13/2024 1210
850673	Clearfield	214	884	01/12/2024 2016	01/13/2024 1100
852010	Susquehanna	9	872	01/13/2024 0213	01/13/2024 1645
859854	Erie	1	870	01/14/2024 0945	01/15/2024 0015
850367	Erie	6	864	01/12/2024 1932	01/13/2024 0956
851161	Somerset	1	864	01/12/2024 1807	01/13/2024 0831
850165	Erie	33	863	01/12/2024 1905	01/13/2024 0928
859582	Blair	38	854	01/13/2024 1722	01/14/2024 0736
850266	Crawford	365	849	01/12/2024 1921	01/13/2024 0930
851292	Erie	51	845	01/12/2024 1930	01/13/2024 0935
860132	Mifflin	5	839	01/14/2024 1119	01/15/2024 0118
849909	Crawford	22	838	01/12/2024 1806	01/13/2024 0804
853314	Mckean	14	829	01/13/2024 0856	01/13/2024 2245
850072	Westmoreland	4	825	01/12/2024 1841	01/13/2024 0826
867054	Clarion	12	825	01/15/2024 0237	01/15/2024 1622
860051	Bradford	2	824	01/14/2024 1101	01/15/2024 0045
851349	Warren	6	817	01/12/2024 2024	01/13/2024 1001
860592	Huntingdon	8	816	01/14/2024 1234	01/15/2024 0210
851722	Erie	218	808	01/12/2024 2017	01/13/2024 0945
861419	Mifflin	1	806	01/14/2024 1342	01/15/2024 0308

Penelec 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
853717	Warren	126	804	01/12/2024 2024	01/13/2024 0948
859065	Indiana	6	804	01/13/2024 2220	01/14/2024 1144
850825	Warren	584	786	01/12/2024 1859	01/13/2024 0805
860132	Mifflin	42	783	01/14/2024 1119	01/15/2024 0022
850673	Clearfield	34	780	01/12/2024 2200	01/13/2024 1100
850688	Crawford	20	778	01/12/2024 2017	01/13/2024 0915
852898	Venango	1	768	01/13/2024 0716	01/13/2024 2004
850673	Clearfield	20	752	01/12/2024 2228	01/13/2024 1100
853289	Erie	22	751	01/12/2024 2350	01/13/2024 1221
851206	Clearfield	49	749	01/12/2024 2156	01/13/2024 1025
860735	Mifflin	3	749	01/14/2024 1253	01/15/2024 0122
862656	Mifflin	23	745	01/14/2024 1202	01/15/2024 0027
851368	McKean	103	742	01/12/2024 2255	01/13/2024 1117
851372	Bradford	32	736	01/12/2024 2246	01/13/2024 1102
866042	Mifflin	1	695	01/14/2024 1238	01/15/2024 0013
851335	Forest	1	693	01/12/2024 2237	01/13/2024 1010
852538	Erie	2	692	01/13/2024 0458	01/13/2024 1630
852701	Erie	1	664	01/13/2024 0611	01/13/2024 1715
853099	McKean	29	659	01/12/2024 2208	01/13/2024 0907
852488	McKean	13	658	01/13/2024 0430	01/13/2024 1528
849405	Venango	5	656	01/12/2024 1706	01/13/2024 0402
849275	Blair	1	654	01/12/2024 1636	01/13/2024 0330
853013	Susquehanna	2	652	01/13/2024 0643	01/13/2024 1735
852603	Erie	5	639	01/13/2024 0522	01/13/2024 1601
861364	Mifflin	22	638	01/14/2024 1338	01/15/2024 0016
853164	Susquehanna	222	625	01/13/2024 0138	01/13/2024 1203
860068	Huntingdon	9	623	01/15/2024 0436	01/15/2024 1459
860221	Huntingdon	18	622	01/14/2024 1138	01/14/2024 2200
852098	Wayne	4	619	01/13/2024 0241	01/13/2024 1300
855277	Clearfield	1	619	01/13/2024 0941	01/13/2024 2000
866778	Clearfield	1	613	01/14/2024 2302	01/15/2024 0915
853164	Susquehanna	117	612	01/13/2024 0138	01/13/2024 1150
854487	Venango	7	611	01/13/2024 1157	01/13/2024 2208
849639	Forest	9	599	01/12/2024 1724	01/13/2024 0323
859549	Blair	2	593	01/14/2024 0712	01/14/2024 1705
860211	Wyoming	43	590	01/14/2024 1110	01/14/2024 2100
851901	Susquehanna	87	587	01/13/2024 0140	01/13/2024 1127
852014	Susquehanna	5	571	01/13/2024 0216	01/13/2024 1147

Penelec 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
859542	Crawford	9	568	01/14/2024 0702	01/14/2024 1630
850262	Clarion	9	565	01/12/2024 1920	01/13/2024 0445
866469	Centre	104	563	01/14/2024 1027	01/14/2024 1950
852459	Erie	41	562	01/13/2024 0437	01/13/2024 1359
860680	Susquehanna	3	562	01/14/2024 1258	01/14/2024 2220
863951	Huntingdon	25	561	01/14/2024 1219	01/14/2024 2140
851895	Susquehanna	9	545	01/13/2024 0137	01/13/2024 1042
868927	Clearfield	2	530	01/15/2024 1502	01/15/2024 2352
860610	Huntingdon	1	528	01/14/2024 1237	01/14/2024 2125
852047	Crawford	11	524	01/12/2024 1716	01/13/2024 0200
856680	Erie	9	523	01/13/2024 0734	01/13/2024 1617
849405	Venango	7	519	01/12/2024 1706	01/13/2024 0145
852756	Erie	36	519	01/13/2024 0633	01/13/2024 1512
864326	Susquehanna	288	519	01/14/2024 1246	01/14/2024 2125
864325	Susquehanna	69	517	01/14/2024 1246	01/14/2024 2123
850164	Venango	11	516	01/12/2024 1904	01/13/2024 0340
854665	Bradford	2	516	01/13/2024 1220	01/13/2024 2056
857354	Forest	12	514	01/13/2024 1702	01/14/2024 0136
856404	Huntingdon	1	508	01/13/2024 1517	01/13/2024 2345
860297	Mifflin	36	508	01/14/2024 1155	01/14/2024 2023
853457	Blair	25	507	01/13/2024 0931	01/13/2024 1758
853175	Cambria	1	500	01/13/2024 0825	01/13/2024 1645
855322	Blair	2	500	01/13/2024 1340	01/13/2024 2200
853026	Susquehanna	5	492	01/13/2024 0758	01/13/2024 1610
849365	Erie	53	491	01/12/2024 1659	01/13/2024 0110
859930	Bedford	1	480	01/14/2024 1010	01/14/2024 1810
853000	Erie	7	477	01/13/2024 0749	01/13/2024 1546
855894	Mckean	6	474	01/13/2024 1431	01/13/2024 2225
860084	Bradford	117	470	01/14/2024 1110	01/14/2024 1900
849304	Cambria	11	468	01/12/2024 1645	01/13/2024 0033
867839	Erie	36	468	01/15/2024 0628	01/15/2024 1416
853541	Blair	11	467	01/13/2024 0850	01/13/2024 1637
852852	Wayne	19	466	01/13/2024 0704	01/13/2024 1450
851149	Venango	54	464	01/12/2024 1805	01/13/2024 0149
860124	Lycoming	816	462	01/14/2024 1111	01/14/2024 1853
860179	Huntingdon	1	461	01/14/2024 1129	01/14/2024 1910
853177	Erie	5	460	01/13/2024 0825	01/13/2024 1605
869181	Perry	1	459	01/15/2024 1648	01/16/2024 0027

Penelec 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
849744	Erie	3	457	01/12/2024 1737	01/13/2024 0114
852003	Susquehanna	13	453	01/13/2024 0212	01/13/2024 0945
866469	Centre	20	450	01/14/2024 1220	01/14/2024 1950
854610	Wyoming	10	447	01/13/2024 1215	01/13/2024 1942
860753	Wyoming	19	443	01/14/2024 1255	01/14/2024 2018
863167	Susquehanna	11	440	01/14/2024 1132	01/14/2024 1852
864997	Susquehanna	20	436	01/14/2024 1138	01/14/2024 1854
863557	Susquehanna	3	434	01/14/2024 1512	01/14/2024 2226
851809	Indiana	2	428	01/13/2024 0117	01/13/2024 0825
853700	Crawford	1	422	01/13/2024 1008	01/13/2024 1710
858207	Clearfield	5	421	01/13/2024 1244	01/13/2024 1945
853087	Jefferson	26	416	01/13/2024 0810	01/13/2024 1506
866894	Somerset	17	416	01/15/2024 0030	01/15/2024 0726
866894	Somerset	3	416	01/15/2024 0030	01/15/2024 0726
849181	Blair	1	412	01/12/2024 1610	01/12/2024 2302
864089	Huntingdon	20	410	01/14/2024 1542	01/14/2024 2232
867691	Susquehanna	1	408	01/15/2024 0830	01/15/2024 1518
850418	Mckean	31	407	01/12/2024 1937	01/13/2024 0224
853474	Erie	1	402	01/13/2024 0934	01/13/2024 1616
860044	Blair	7	400	01/14/2024 1059	01/14/2024 1739
852138	Susquehanna	497	399	01/13/2024 0248	01/13/2024 0927
853493	Wyoming	2	397	01/13/2024 0938	01/13/2024 1615
864879	Mifflin	121	397	01/14/2024 1238	01/14/2024 1915
852826	Indiana	6	395	01/13/2024 0656	01/13/2024 1331
860015	Bedford	1	394	01/14/2024 1046	01/14/2024 1720
854659	Tioga	9	391	01/13/2024 1220	01/13/2024 1851
853122	Warren	3	390	01/13/2024 0830	01/13/2024 1500
867684	Erie	159	389	01/15/2024 0523	01/15/2024 1152
867684	Crawford	81	389	01/15/2024 0523	01/15/2024 1152
867684	Crawford	5	387	01/15/2024 0523	01/15/2024 1150
866151	Susquehanna	8	386	01/14/2024 1109	01/14/2024 1735
868209	Centre	9	384	01/13/2024 0224	01/13/2024 0848
854579	Susquehanna	1	383	01/13/2024 1211	01/13/2024 1834
854295	Crawford	1	381	01/13/2024 1134	01/13/2024 1755
854295	Crawford	1	381	01/13/2024 1134	01/13/2024 1755
852841	Mckean	1	374	01/13/2024 0701	01/13/2024 1315
858450	Blair	1	373	01/13/2024 1347	01/13/2024 2000
853805	Erie	1	369	01/13/2024 0700	01/13/2024 1309

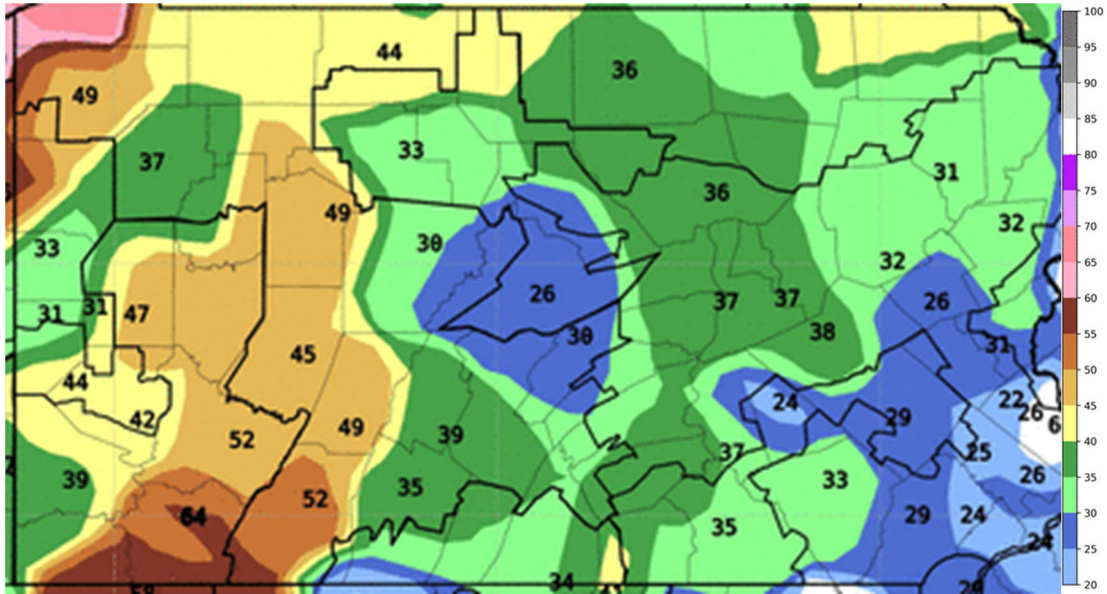
Penelec Storm Report

<b>Order #</b>	<b>Approximate Location (County)</b>	<b>Total Number of Customers Affected</b>	<b>Duration of the Outage (minutes)</b>	<b>Initial Date and Time of the Outage</b>	<b>Restoration Date and Time</b>
858207	Clearfield	19	369	01/13/2024 1244	01/13/2024 1853
851332	Mckean	7	366	01/12/2024 2234	01/13/2024 0440
861175	Wayne	47	364	01/14/2024 1328	01/14/2024 1932
864347	Mckean	4	364	01/14/2024 1556	01/14/2024 2200
860164	Clearfield	16	362	01/14/2024 1126	01/14/2024 1728

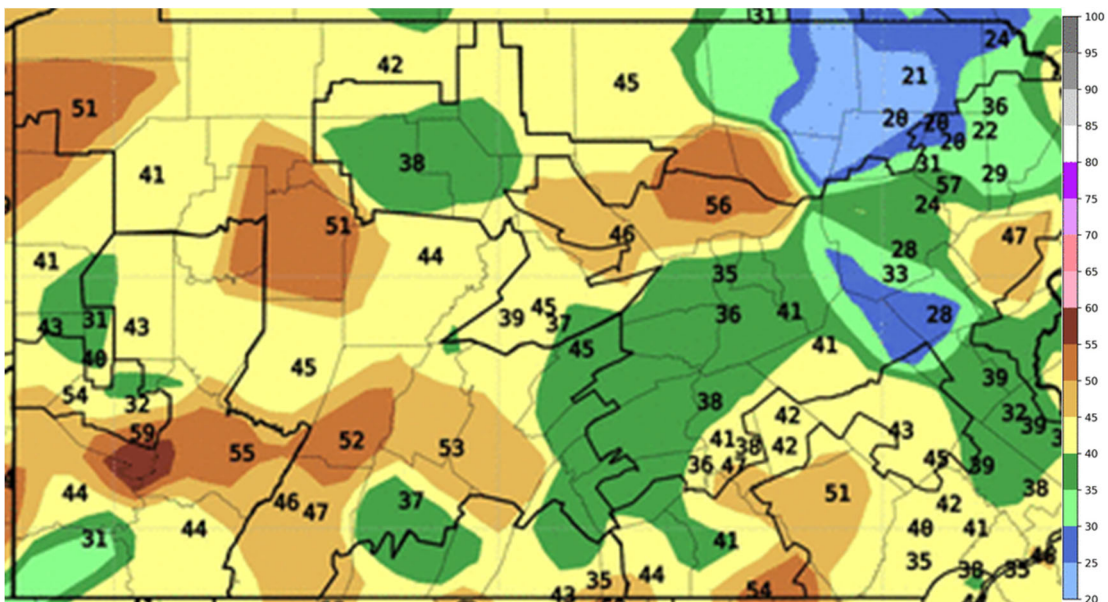
**Attachment B: Precipitation Reports**

**Wind & Precipitation Reports:** Graphics 1, 2, and 3 show the maximum wind gusts in the Penelec service territory on January 12 through January 14, 2024. Graphic 4 illustrates the 24-Hour Total Precipitation in the Penelec service territory on Tuesday, January 12, 2024. Graphic 5 illustrates the 24-Hour Total Snowfall in the Penelec service territory on Tuesday, January 12, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

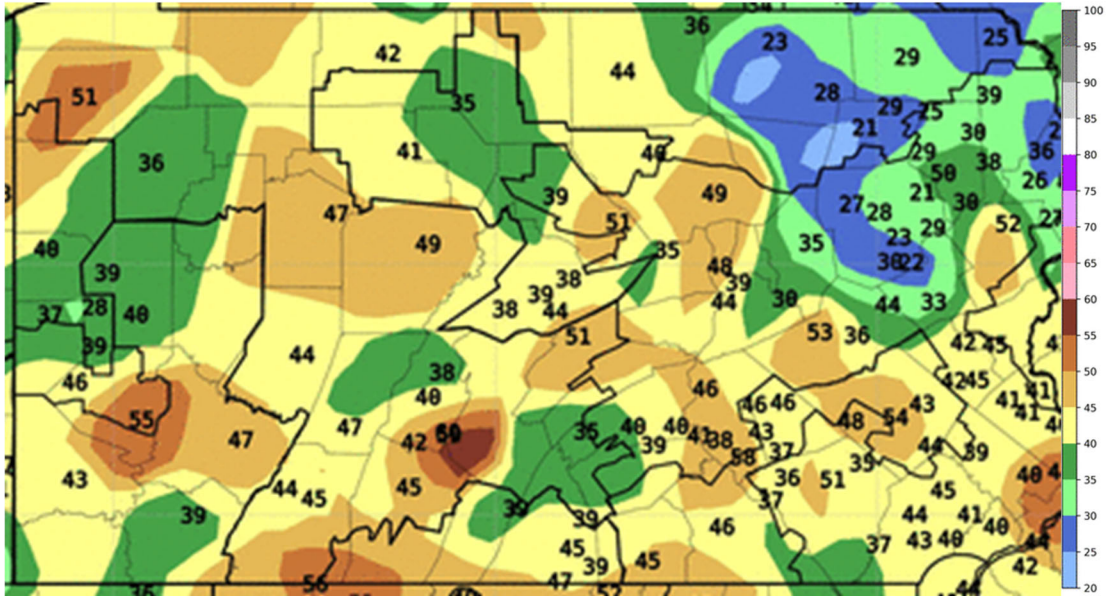
**Graphic 1: Wind Gusts – Friday, January 12, 2024**



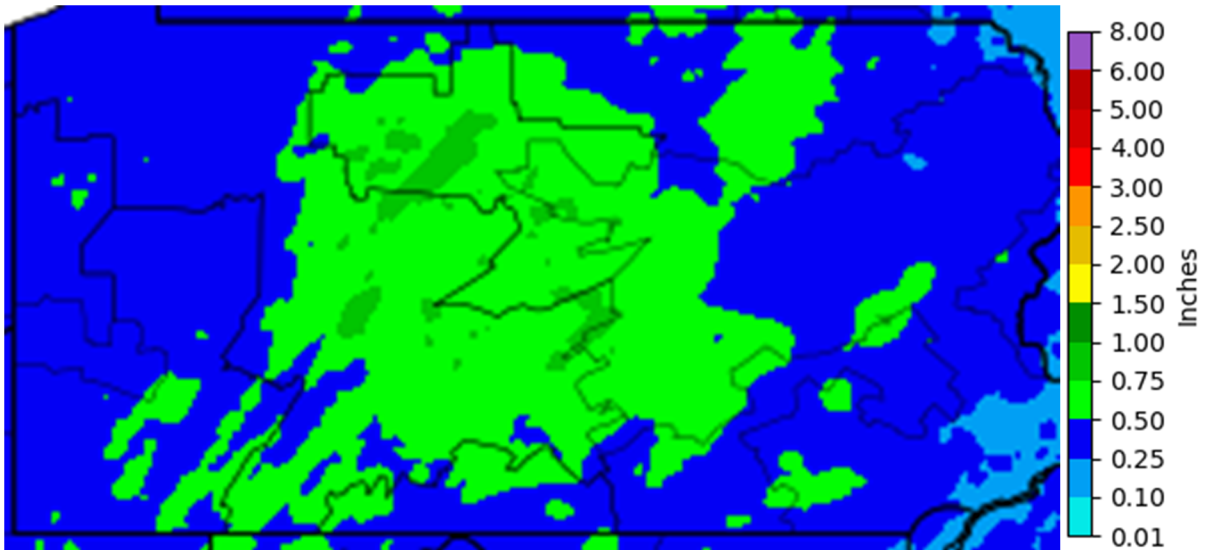
**Graphic 2: Wind Gusts - Saturday, January 13, 2024**



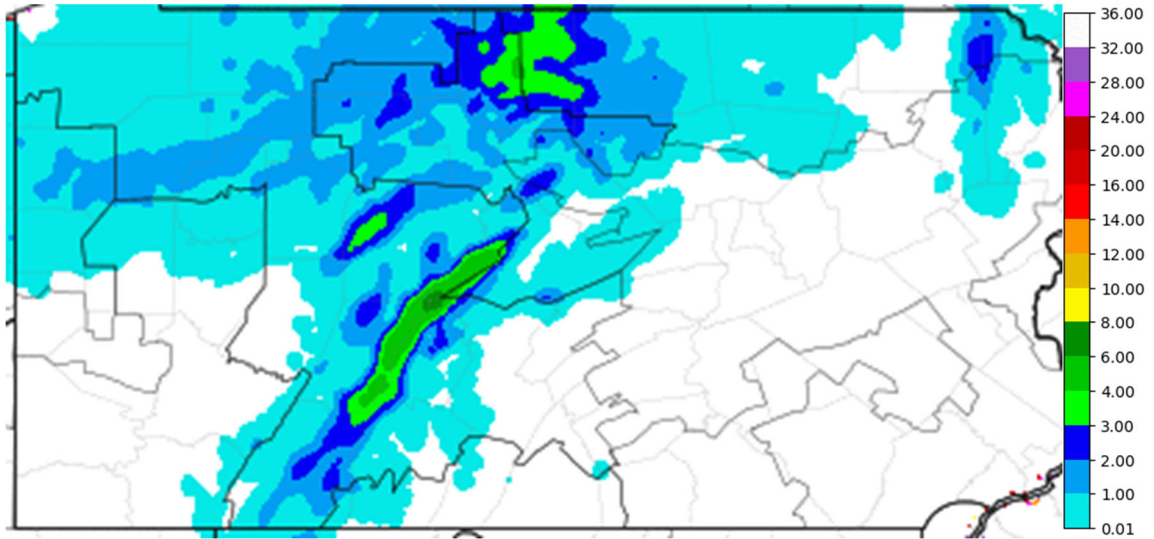
Graphic 3: Wind Gusts – Sunday, January 14, 2024



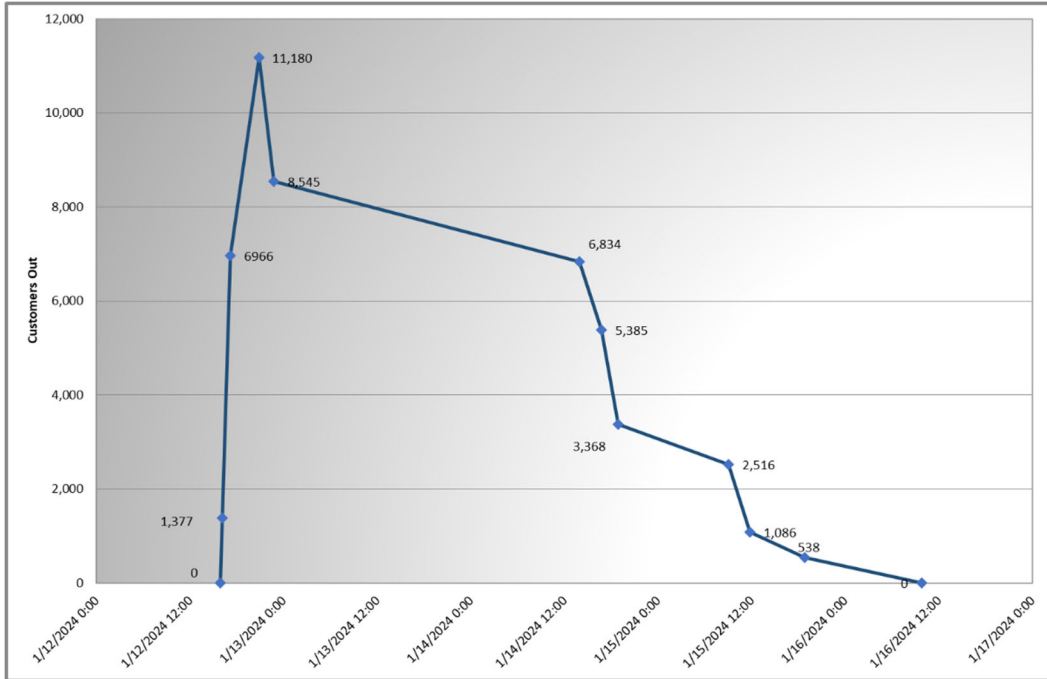
Graphic 4: 24-Hour Total Precipitation – Friday, January 12, 2024



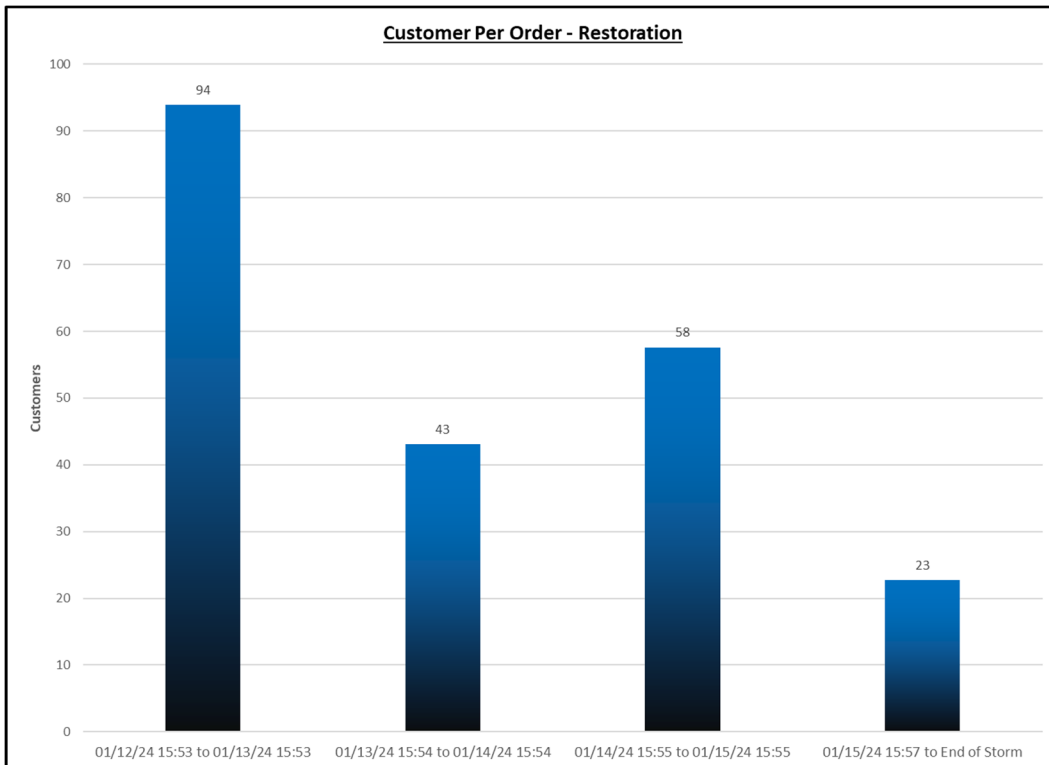
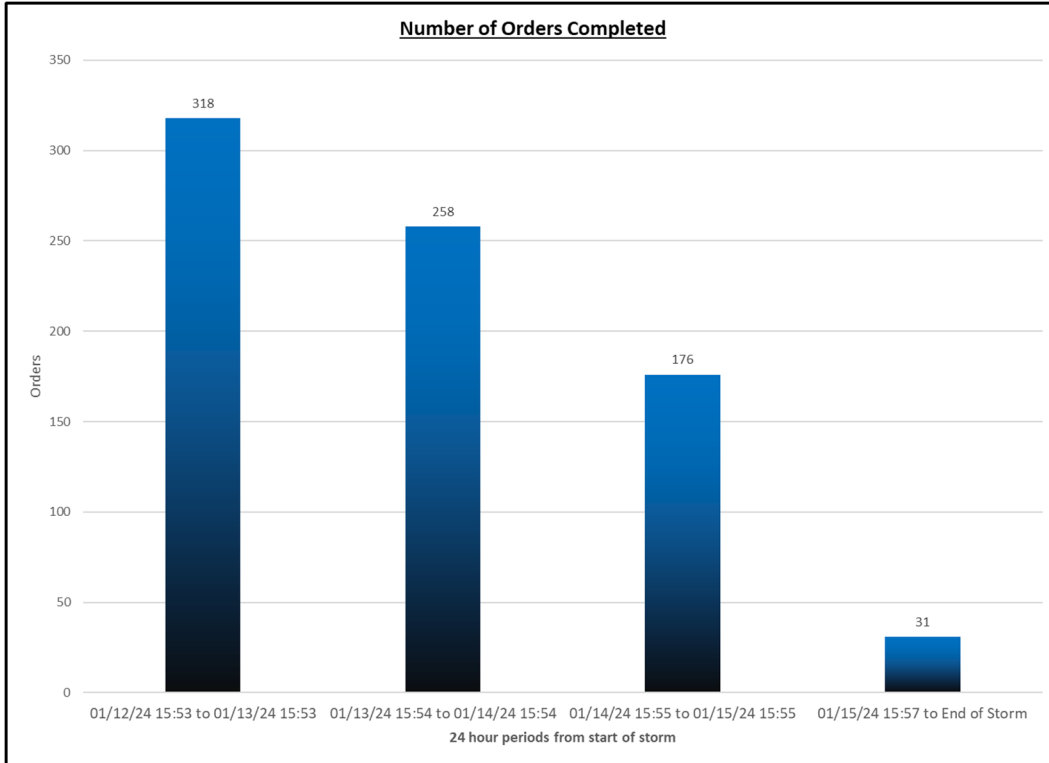
**Graphic 5: 24- Hour Total Snowfall – Friday, January 12, 2024**



**Attachment C: Restoration Curve**



**Attachment D: Order Restoration Graphs**



**Attachment E: Meteorologist Reports**

**Wednesday, January 10, 2024 @ 1218**

**New Issuance:**

Another large, intense storm system is set to impact FE over the weekend. This system is expected to create widespread strong wind gusts across nearly all of the FE footprint, beginning in earnest very late Friday night and lasting until at least early Sunday morning. The greatest impacts of this event are currently expected across the western half of FE, where wind gusts are expected to both be stronger and last longer in duration.

Notes:

- A strong cold front will cross FE from west-to-east beginning late Friday night.
- For the west half of FE, a brief period of 50-60 mph wind gusts appear possible with the front. The front will weaken as it moves east, with 35-45 mph gusts with the front possible in the eastern half of FE.
- This is expected to be a long duration, steady wind event.
- In western FE, strong gusts are expected to fill in immediately behind the front and last throughout the day on Saturday. While winds are likely to peak Saturday morning and afternoon, 40+ mph gusts will be possible well into Saturday evening.
- In eastern FE, stronger gusts will arrive a few hours behind the front, and are expected to last into early Sunday morning.
- The strongest gusts are expected in the typical wind-prone locations: along the Lake Erie shoreline and in the elevations of WV, MD and southern PA Saturday. Consistent 60+ mph gusts are possible in these locations.
- A wave of heavy precipitation (brief periods of wet snow immediately followed by rain) will move through FE ahead of the cold front. General rainfall amounts of 1-2" are possible across a majority of FE Friday afternoon through Saturday morning.
- Further specifics on rain/snow will be provided in future alerts, if warranted.
- It will be notably cold behind the front and behind this storm system. Temperatures will fall quickly throughout the day Saturday and will stay at least 10-20 degrees below normal for at least the next week.

Please note that the details regarding this event are still preliminary, and details regarding timing, location and intensity of wind gusts may change in the next 24-48 hours as the storm comes into better focus.

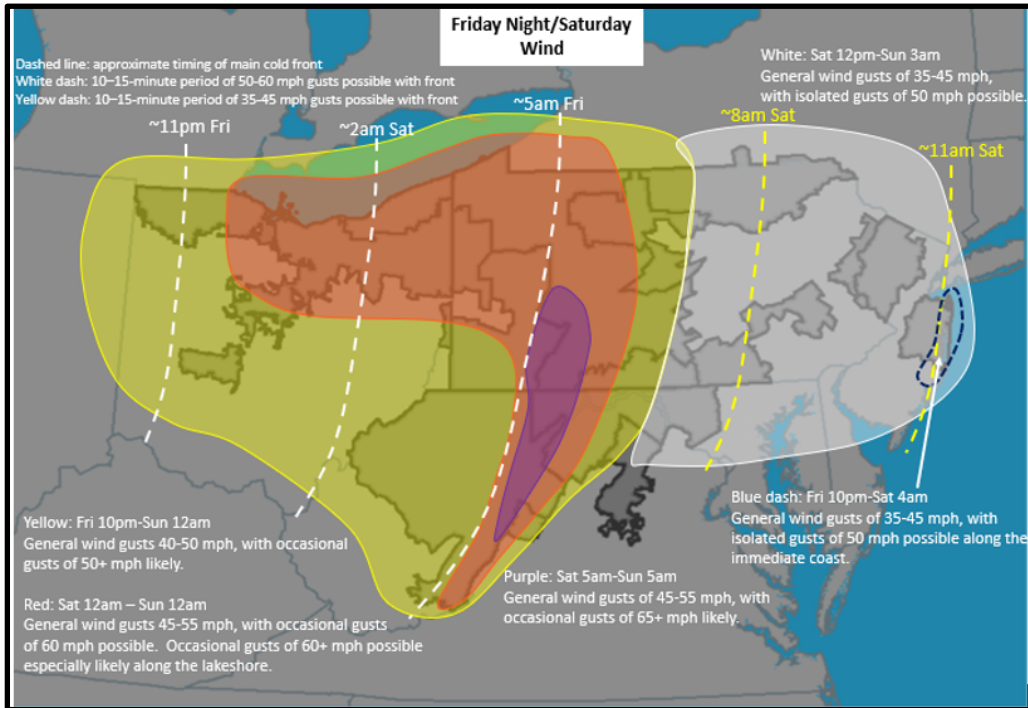
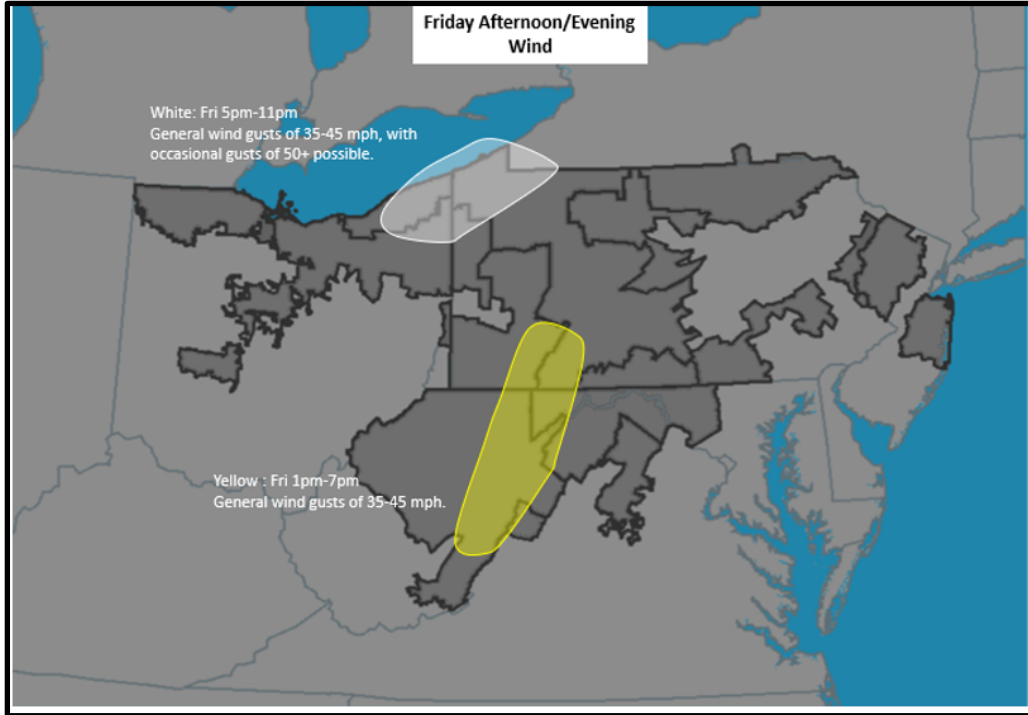
See graphics below for further details.

**Next update by 11am Thursday.**

Workoff - 716 397 4430

Manousos – 330 396 0059

Penelec Storm Report



**Thursday, January 11, 2024 @ 0930**

**Update:**

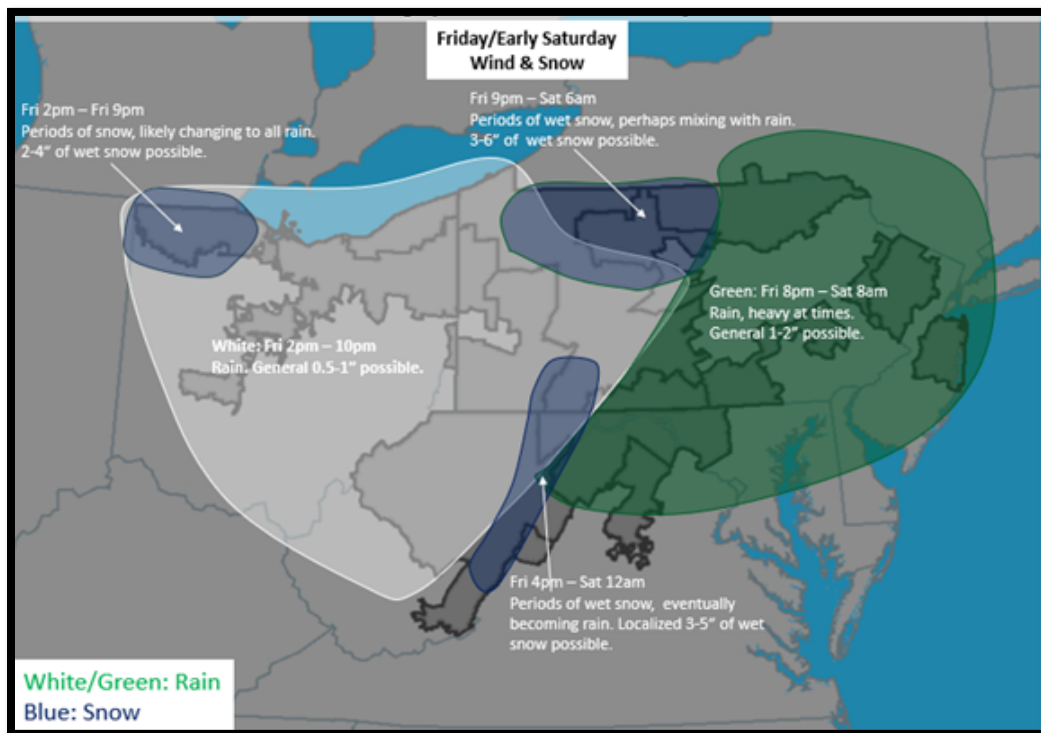
Changes:

- Increased wind forecast for western FE for Friday afternoon and evening. This includes a general expansion to mention 35-45 mph gusts across most of OH, western PA, and WV.
- Expansion of areas expected to see stronger (potential 50+ mph) gusts Friday in northern OH and northwest PA, as well as WV.
- Updated late Friday/early Saturday forecast wind forecast for NJ, to slightly expand potential for 40+ mph gusts across central NJ.
- Added snow forecast for potential of 4+ inches of wet snow Friday for northern PA, elevations of WV/MD/PA, and far western OH.
- Added mention of potential for more likely/frequent gusts of 60+ mph across portions of northern OH and northwest PA on Saturday, especially along the immediate Lake Erie shoreline.

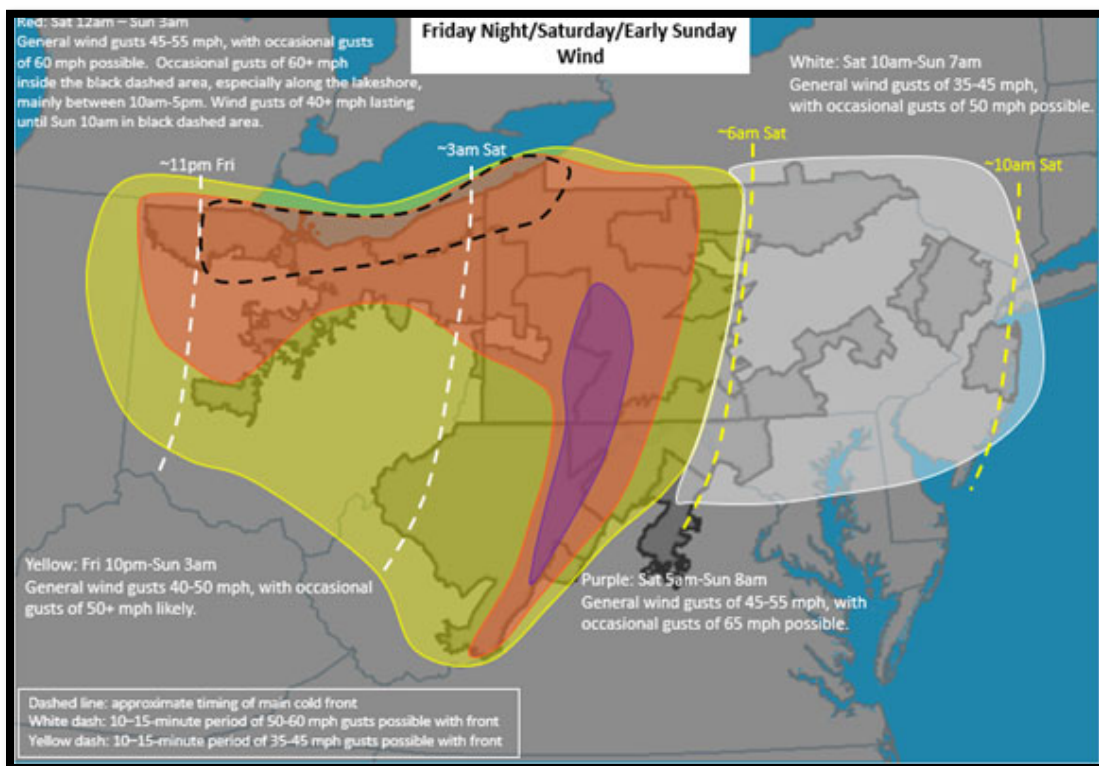
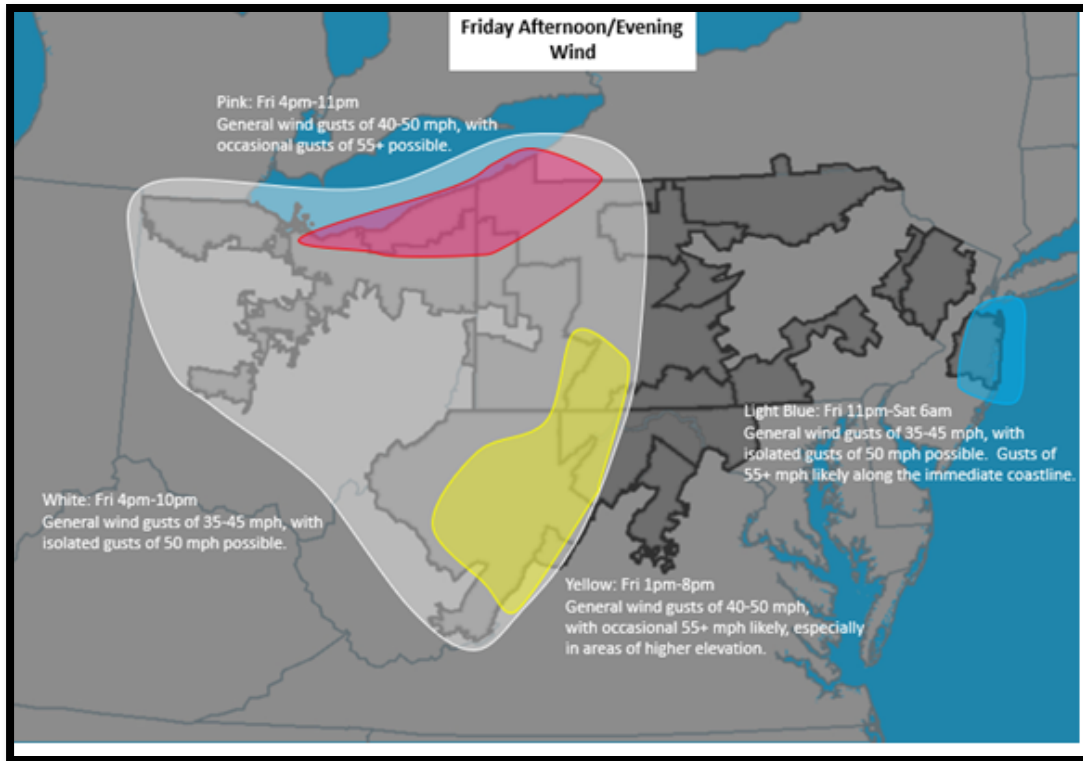
Two new graphics were added:

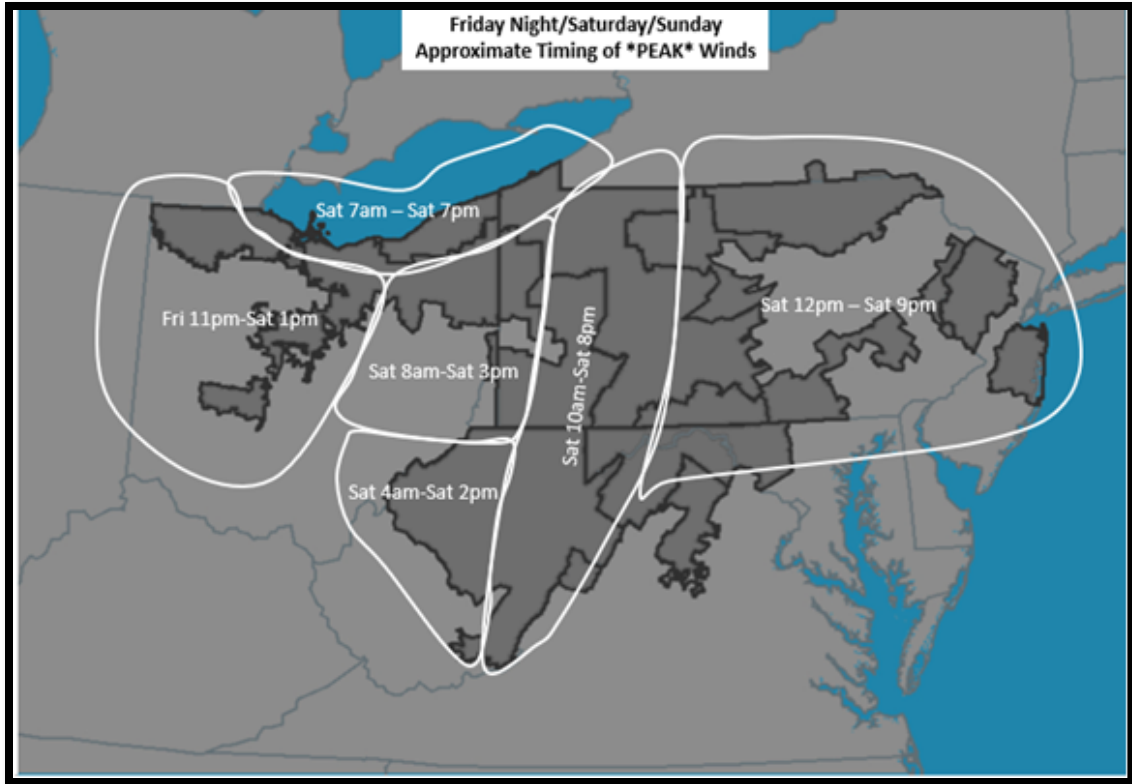
- 1) A precipitation (snow and rain for Friday/Saturday)
- 2) A graphic estimating timing of **\*peak\*** wind gusts. 40+ mph gust will be possible across nearly all of FE until late Saturday or early Sunday.

See graphics below for further details.



Penelec Storm Report





**Friday, January 12, 2024 @ 0833**

**Update:**

Changes:

- Main forecast change was to add a new, separate forecast for a period of potential wind gusts across eastern FE during the day Sunday.
- Other subtle adjustments:
  - Adjust timing, especially to reduce duration of 40+ mph gusts in eastern FE Saturday.
  - Slightly bumped forward timing of arrival of main event into late Friday evening for western OH.
  - Make note of isolated 70 mph potential in higher elevations of WV/MD/southern PA for a brief period Saturday.
  - Slightly adjust peak wind windows in some location.
  - Slightly expand 40-50 gust risk a bit further east into central PA and central MD.
- We are watching the potential for lake effect snow Sunday/Monday in northeast OH and northwest PA, but potential remains too low at this time to mention formally in an alert.

While further subtle changes to the forecast are possible, the main forecast generally remains on track.

One new graphic was added:

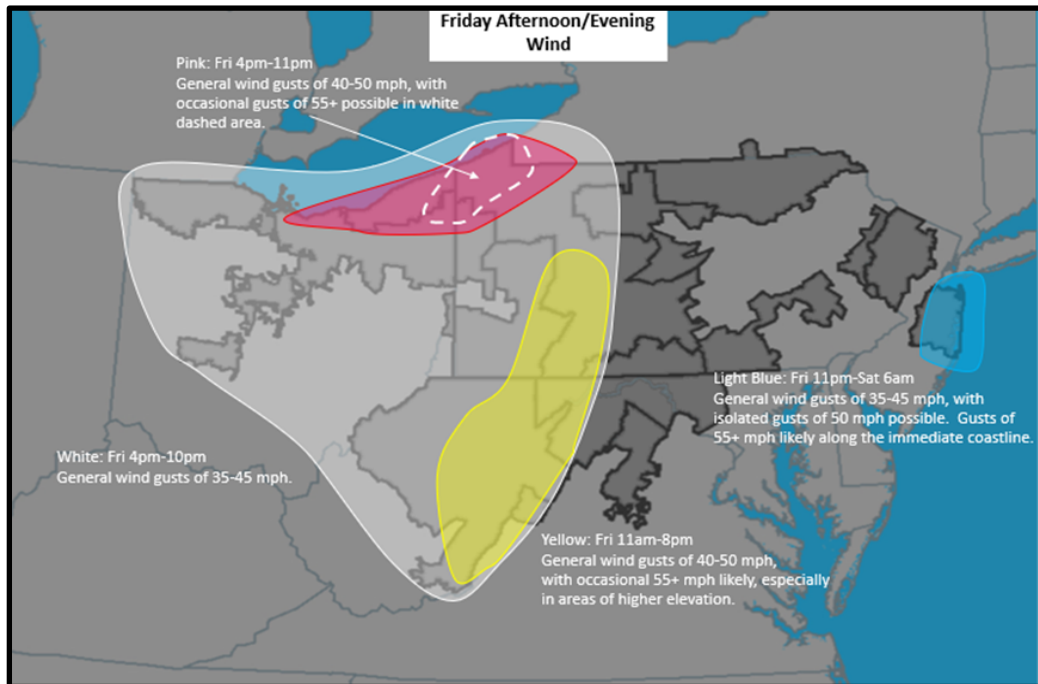
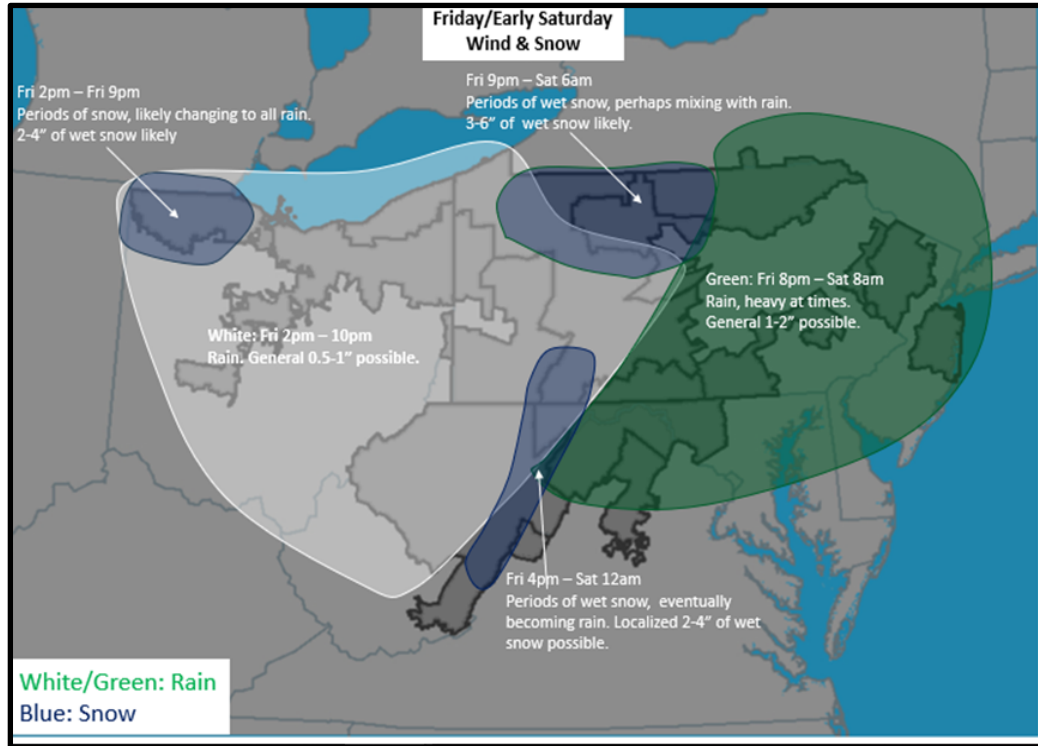
- 3) A wind graphic for during the day Sunday.

See graphics below for further details.

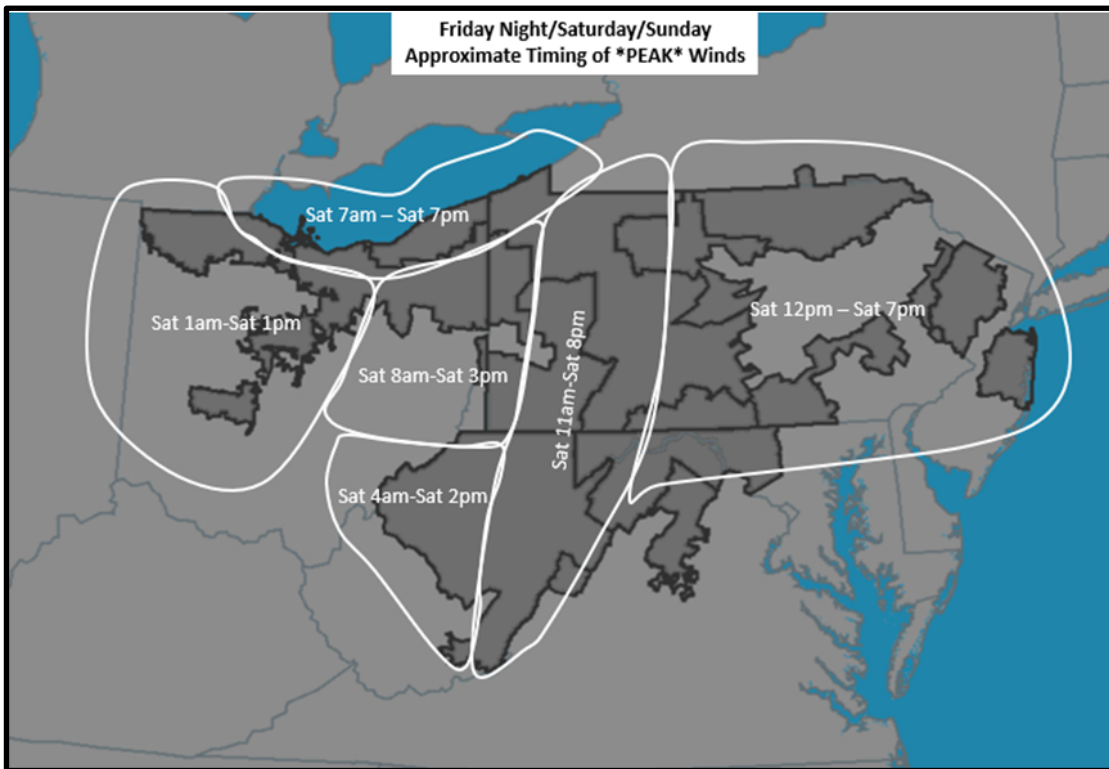
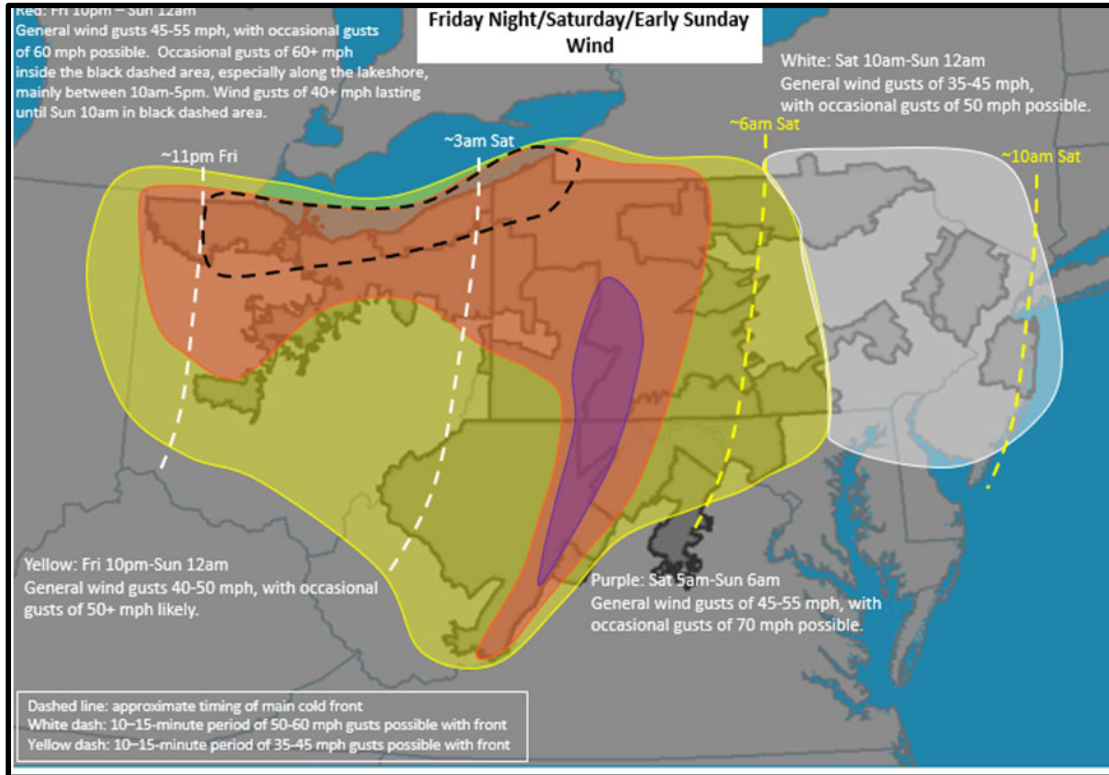
**Next update by 11am Saturday.**

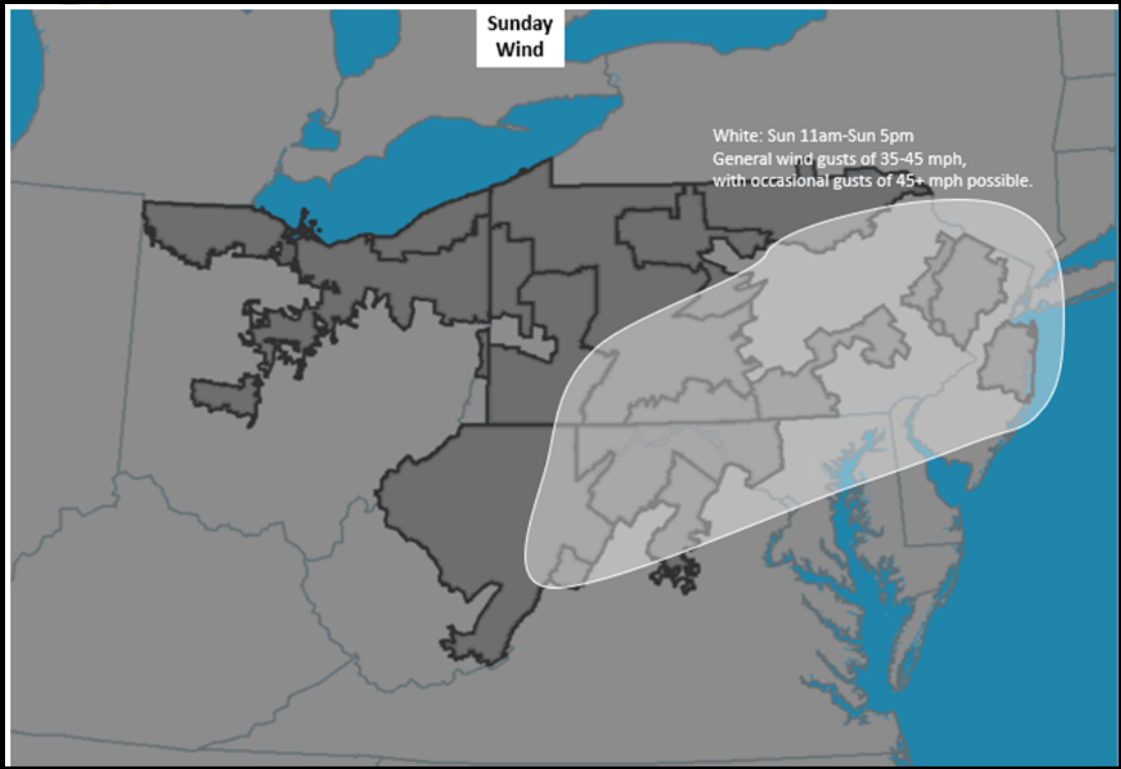
Workoff - 716 397 4430

Manousos – 330 396 0059



Penelec Storm Report





**Saturday, January 13, 2024 @ 0847**

**Update:**

Slight improvements in the forecast this morning, to slightly reduce expected wind gusts Saturday, and to reduce duration of peak wind times. Windy conditions are still expected to peak late this morning and through this afternoon across a bulk of FE.

Changes:

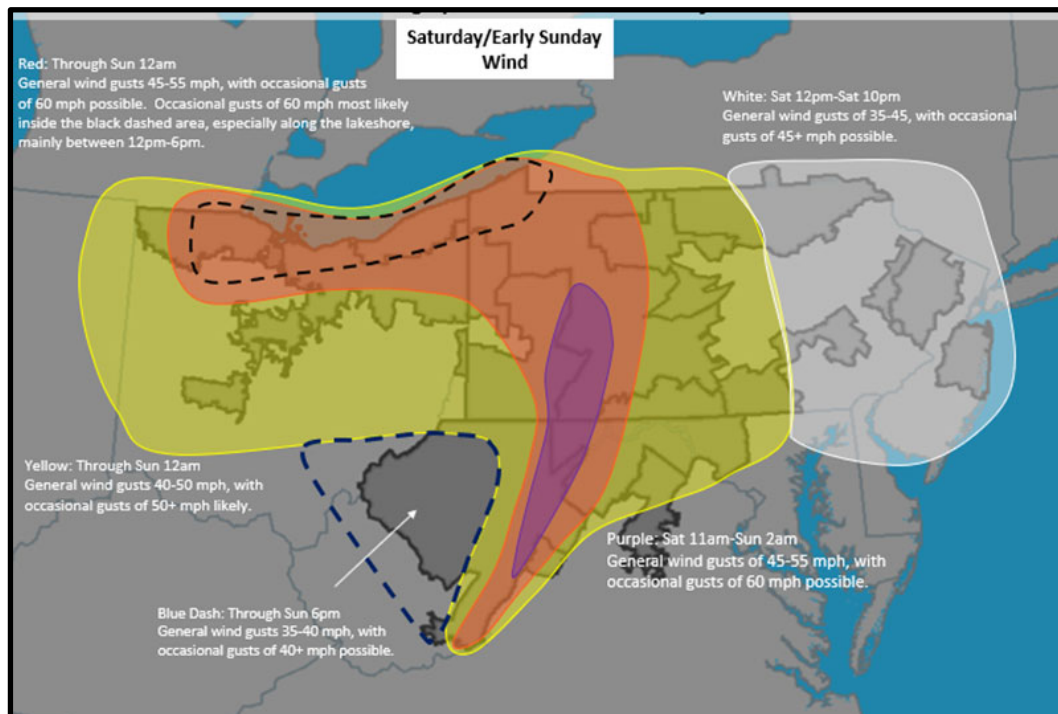
- Adjustments to wind forecast, to trim areas where 55+ mph gusts will be possible this afternoon. Also reduced wind gusts across portion of WV and reduced peak wind speeds in higher elevation areas.
- Updated timing of peak winds, as strongest gusts are expected to be limited to generally a 4–6-hour window late this morning and this afternoon.
- Updated Sunday’s forecast, to make mention of a brief period of 50+ mph wind gusts as another cold front moves through central and eastern FE.
- Added mention of lake effect snow accumulations Saturday night and early Sunday in northwest PA and northeast OH.

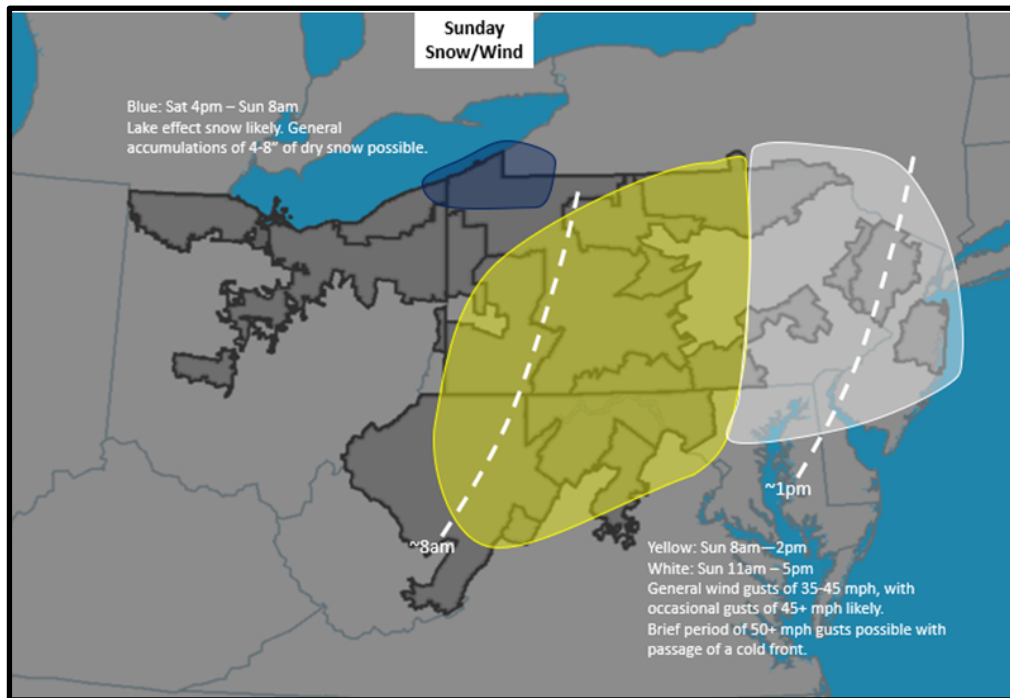
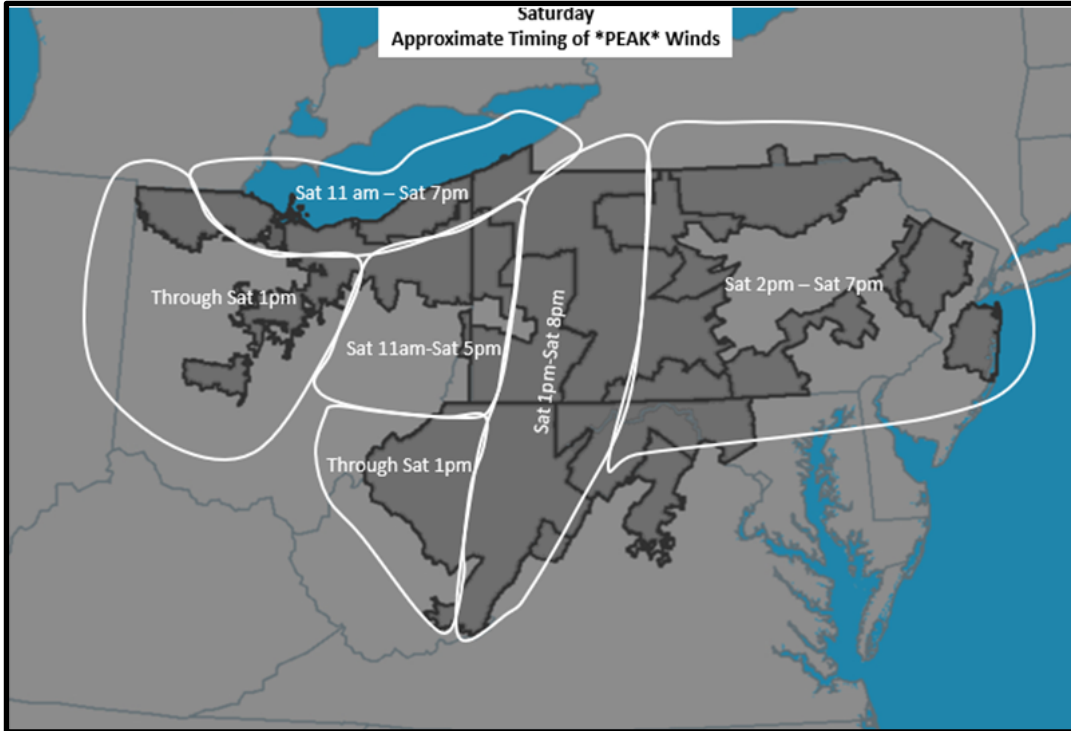
See graphics below for further details. A PowerPoint with graphics is also attached.

**Next update by 11am Sunday**

Workoff - 716 397 4430

Manousos – 330 396 0059





**Sunday, January 14, 2024 @ 0700**

**Update:**

Slight expansion and increase for the wind forecast today, to include the potential of occasional gusts of 50 mph behind the cold front.

A strong cold front will pass through central and eastern FE today. This front will be capable of a brief period of very strong wind gusts, as well locally heavy snow showers and zero visibility, as it passes through. Temperatures will fall behind front, bringing bitterly cold air and dangerous wind chills.

The National Weather Service’s Wind Chill forecasts can be viewed at the following link. Select ‘Apparent Temperature’ from the drop down menu, and pack your patience. The graphics can be slow to load.

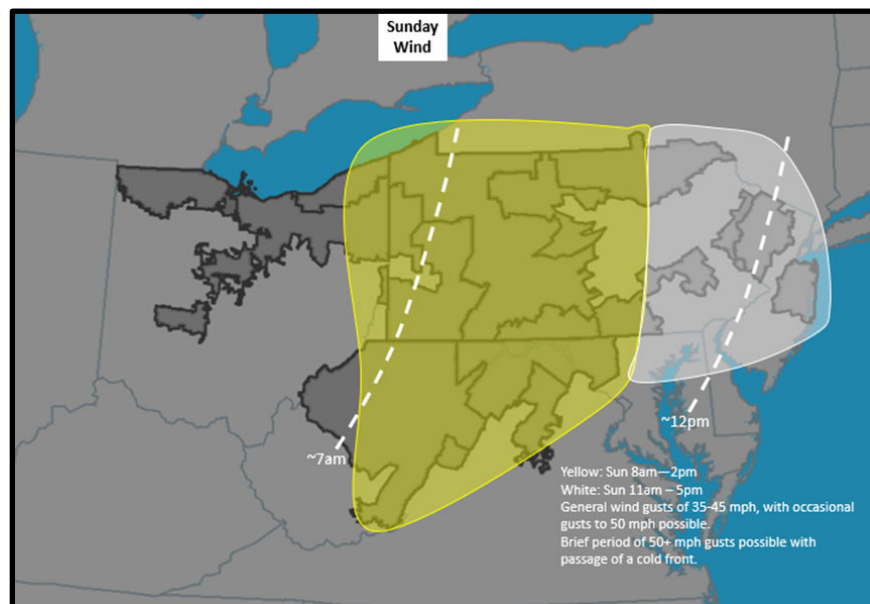
[National Weather Service - Graphical Forecast](#)

See graphic below for further details.

**Last Scheduled Update for this event.**

Workoff - 716 397 4430

Manousos – 330 396 0059



Penelec Storm Report

