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August 11, 2022

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 –
Pennsylvania Electric Company; Docket No. M-2021-3023564***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Pennsylvania Electric Company (“Penelec”) submits written notification of completed restoration efforts following storm conditions that began on July 22, 2022 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)

Clarion	1,006	8	3
Clearfield	1,840	21	17
Crawford	584	21	32
Cumberland	22	3	2
Erie	7767	98	81
Forest	200	5	9
Huntingdon	27	5	1
Indiana	466	21	20
Jefferson	273	14	8
Lycoming	89	4	5
Mckean	1,184	22	17
Mifflin	72	8	7
Potter	38	2	6
Somerset	1,891	37	20
Sullivan	1499	20	6
Susquehanna	2818	74	91
Tioga	5416	40	23
Venango	2,757	69	87
Warren	2,610	59	69
Wayne	1226	20	38
Westmoreland	1662	9	2
Wyoming	4111	70	47
TOTAL	51,707	832	787

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 393

(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 Friday, July 22, 2022, a series of thunderstorms producing high winds and rain moved west to east across Pennsylvania. The storms began affecting the Penelec territory Friday afternoon, producing rain and wind gusts in excess of 44 miles per hour. Wind gusts of approximately 24 miles per hour continued to affect the Penelec service territory on Saturday, July 23, 2022. On Sunday, July 24, 2022, the storms continued, producing wind gusts of approximately 70 miles per hour and rain of 1.5 inches. Wind gusts continued on Monday, July 25, 2022, reaching up to approximately 41 miles per hour in some areas with rain of up to 2 inches. While crews worked to restore customers scattered thunderstorms continued through

Thursday, July 28, 2022. See Attachment B for the maximum wind gusts July 22, 24, and 25, 2022 and 24-hour total precipitation for July 24 and 25, 2022.

Damage as a result of the high winds included downed trees, broken poles, downed wires, and damaged equipment. The Towada, Bradford, and Erie regions were the hardest hit. Approximately 45% of the total outages that occurred were tree related.

Preliminary data indicates that this outage resulted in approximately 27.8 minutes of SAIDI, 312.2 minutes of CAIDI, and 0.089 SAIFI impact.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1600 on July 27, 2022.

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	183	Line Workers
Met-Ed	27	Line Workers
Subtotal	210	
Henkels & McCoy	12	Line Contractor
JW Didado	28	Line Contractor
Main Lite Electric	0	Line Contractor
Haughland Electric	5	Line Contractor
Miller Bros.	30	Line Contractor
NG Gilbert	17	Line Contractor
Thayer PC	18	Line Contractor
Thompson Electric	27	Line Contractor
Subtotal	137	
Asplundh Tree	19	Forestry Contractor
Davey Tree	5	Forestry Contractor
Penn Line Services, Inc.	41	Forestry Contractor
Lewis Tree	21	Forestry Contractor
Treesmiths	47	Forestry Contractor

AMS	1	Forestry Contractor
ECI	5	Forestry Contractor
Subtotal	139	
Penelec	1	Hazard Responders/Damage Assessors
Subtotal	1	
Penelec	149	Supporting Roles
Penelec	5	Forestry Support
Met-Ed	5	Supporting Roles
Subtotal	159	
Grand Total	646	

- (i) The date and time of the first information of a service interruption: July 22, 2022, at 1536.
- (j) The date and time that repair crews were assembled: Crews were on duty as the storm commenced.
- (k) The actual time that service was restored to the last affected customer: July 28, 2022, at 1320.
- (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	267
Secondary Spans Down	109
Crossarms Replaced	93
Cutouts Replaced	65
Poles Replaced	51
Transformers Replaced	33
Wire & Cable Replaced (feet)	9,144

- (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 customer 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
12100036-1	Bradford	4	5,588	07/22/2022 2027	07/26/2022 1735
12104481-3	Warren	17	5,497	07/24/2022 1743	07/28/2022 1320
12100121-2	Bradford	2	4,969	07/22/2022 2041	07/26/2022 0730
12102452-4	Susquehanna	2	3,952	07/24/2022 1823	07/27/2022 1215
12102577-1	Susquehanna	6	3,324	07/24/2022 1846	07/27/2022 0210
12101490-3	Warren	9	3,170	07/24/2022 1410	07/26/2022 1900
12101509-2	Warren	3	3,109	07/24/2022 1419	07/26/2022 1808
12101509-2	Warren	1	3,109	07/24/2022 1419	07/26/2022 1808
12101419-1	Venango	2	3,108	07/24/2022 1338	07/26/2022 1726
12105044-1	Warren	1	3,027	07/24/2022 1414	07/26/2022 1641
12102094-1	Susquehanna	14	3,022	07/24/2022 1733	07/26/2022 1955
12102452-3	Susquehanna	4	2,991	07/24/2022 1823	07/26/2022 2014
12103677-1	Susquehanna	5	2,974	07/24/2022 1801	07/26/2022 1935
12103994-2	Wyoming	4	2,971	07/24/2022 1800	07/26/2022 1931
12102457-2	Wayne	4	2,970	07/24/2022 1826	07/26/2022 1956
12102600-1	Wayne	12	2,962	07/24/2022 1852	07/26/2022 2014

¹ When applicable, the individual restoration steps for an order are provided for those customers that were out of service for 6 hours or more.

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Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
12104803-1	Wyoming	9	2,943	07/24/2022 1757	07/26/2022 1900
12102304-1	Wyoming	9	2,929	07/24/2022 1759	07/26/2022 1848
12103479-2	Susquehanna	2	2,899	07/24/2022 1759	07/26/2022 1818
12102179-2	Bradford	2	2,846	07/24/2022 1749	07/26/2022 1715
12104821-1	Susquehanna	14	2,837	07/24/2022 1733	07/26/2022 1650
12102670-1	Wayne	2	2,824	07/24/2022 1914	07/26/2022 1818
12104995-1	Susquehanna	22	2,801	07/24/2022 1209	07/26/2022 1050
12102126-1	Susquehanna	19	2,784	07/24/2022 1738	07/26/2022 1602
12102615-1	Susquehanna	26	2,774	07/24/2022 1856	07/26/2022 1710
12102289-2	Bradford	1	2,764	07/24/2022 1804	07/26/2022 1608
12102964-1	Wayne	27	2,741	07/24/2022 1854	07/26/2022 1635
12103114-3	Venango	3	2,711	07/24/2022 1929	07/26/2022 1640
12102190-2	Wyoming	5	2,686	07/24/2022 1814	07/26/2022 1500
12103229-2	Susquehanna	9	2,685	07/24/2022 1900	07/26/2022 1545
12102604-1	Wayne	1	2,667	07/24/2022 1853	07/26/2022 1520
12102457-2	Wayne	8	2,661	07/24/2022 1826	07/26/2022 1447
12102601-3	Wayne	8	2,649	07/24/2022 1852	07/26/2022 1501
12102419-1	Susquehanna	71	2,642	07/24/2022 1813	07/26/2022 1415
12102143-2	Susquehanna	31	2,641	07/24/2022 1741	07/26/2022 1342

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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
12102597-1	Warren	4	2,629	07/24/2022 1651	07/26/2022 1240
12105683-1	Wayne	31	2,628	07/24/2022 2040	07/26/2022 1628
12102338-3	Wyoming	25	2,614	07/24/2022 1805	07/26/2022 1339
12102271-2	Susquehanna	1	2,602	07/24/2022 1802	07/26/2022 1324
12103239-1	Susquehanna	11	2,601	07/24/2022 1806	07/26/2022 1327
12104963-2	Forest	5	2,599	07/24/2022 0655	07/26/2022 0214
12104042-2	Warren	6	2,586	07/24/2022 1414	07/26/2022 0920
12103308-1	Wyoming	6	2,561	07/24/2022 1819	07/26/2022 1300
12103316-1	Susquehanna	5	2,557	07/24/2022 1812	07/26/2022 1249
12102601-3	Wayne	17	2,519	07/24/2022 1852	07/26/2022 1251
12102597-1	Warren	2	2,518	07/24/2022 1651	07/26/2022 1049
12102521-2	Susquehanna	1	2,514	07/24/2022 1836	07/26/2022 1230
12102580-3	Wayne	35	2,511	07/24/2022 1847	07/26/2022 1238
12104472-1	Wayne	96	2,477	07/24/2022 1833	07/26/2022 1150
12105027-1	Susquehanna	7	2,475	07/24/2022 1810	07/26/2022 1125
12104004-3	Wyoming	29	2,448	07/24/2022 1751	07/26/2022 1039
12105549-1	Wyoming	1	2,441	07/24/2022 1824	07/26/2022 1105
12104669-1	Wayne	156	2,421	07/24/2022 1822	07/26/2022 1043
12102867-1	Susquehanna	10	2,421	07/24/2022 1814	07/26/2022 1035

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
12102161-1	Wyoming	8	2,418	07/24/2022 1747	07/26/2022 1005
12102332-2	Susquehanna	26	2,415	07/24/2022 1810	07/26/2022 1025
12104307-1	Wyoming	2	2,411	07/24/2022 2027	07/26/2022 1238
12102332-2	Susquehanna	3	2,411	07/24/2022 1810	07/26/2022 1021
12103401-2	Susquehanna	15	2,398	07/24/2022 1900	07/26/2022 1058
12102346-3	Susquehanna	12	2,389	07/24/2022 1802	07/26/2022 0951
12102346-3	Susquehanna	32	2,385	07/24/2022 1806	07/26/2022 0951
12102326-1	Wyoming	19	2,378	07/24/2022 1802	07/26/2022 0940
12103502-1	Wayne	21	2,372	07/24/2022 1849	07/26/2022 1021
12104334-1	Susquehanna	5	2,350	07/24/2022 1806	07/26/2022 0916
12102326-1	Wyoming	27	2,348	07/24/2022 1802	07/26/2022 0910
12102599-1	Susquehanna	2	2,346	07/24/2022 1852	07/26/2022 0958
12103448-2	Susquehanna	41	2,263	07/25/2022 0137	07/26/2022 1520
12103166-1	Bradford	1	2,100	07/24/2022 2158	07/26/2022 0858
12102297-1	Bradford	2	2,064	07/24/2022 1806	07/26/2022 0430
12101485-3	Warren	18	1,962	07/24/2022 1413	07/25/2022 2255
12103754-2	Warren	37	1,871	07/24/2022 1414	07/25/2022 2125
12100616-2	Indiana	1	1,817	07/23/2022 1808	07/25/2022 0025
12104543-2	Venango	1	1,812	07/24/2022 1444	07/25/2022 2056

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
12102812-1	Venango	2	1,775	07/24/2022 1417	07/25/2022 1952
12105054-1	Erie	9	1,758	07/24/2022 1806	07/25/2022 2324
12101560-2	Mckean	2	1,751	07/24/2022 1446	07/25/2022 1957
12101633-2	Mckean	2	1,750	07/24/2022 1523	07/25/2022 2033
12101449-1	Venango	25	1,744	07/24/2022 1346	07/25/2022 1850
12104114-1	Wayne	1	1,728	07/25/2022 1012	07/26/2022 1500
12103994-1	Wyoming	9	1,726	07/24/2022 1800	07/25/2022 2246
12100371-2	Westmoreland	2	1,717	07/23/2022 1608	07/24/2022 2045
12103063-1	Bradford	7	1,669	07/24/2022 1727	07/25/2022 2116
12103063-1	Bradford	8	1,669	07/24/2022 1727	07/25/2022 2116
12103063-1	Bradford	12	1,669	07/24/2022 1727	07/25/2022 2116
12103063-1	Bradford	1	1,669	07/24/2022 1727	07/25/2022 2116
12103063-1	Bradford	1	1,669	07/24/2022 1727	07/25/2022 2116
12103063-1	Bradford	1	1,669	07/24/2022 1727	07/25/2022 2116
12102153-3	Bradford	1	1,665	07/24/2022 1746	07/25/2022 2131
12101490-3	Warren	6	1,665	07/24/2022 1410	07/25/2022 1755
12104154-1	Wyoming	46	1,662	07/24/2022 1751	07/25/2022 2133
12099953-1	Wyoming	13	1,659	07/22/2022 1551	07/23/2022 1930
12103630-1	Sullivan	1	1,628	07/25/2022 0607	07/26/2022 0915

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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
12102198-1	Wyoming	26	1,602	07/24/2022 1749	07/25/2022 2031
12104331-1	Susquehanna	88	1,597	07/24/2022 1806	07/25/2022 2043
12102838-2	Tioga	35	1,582	07/24/2022 1630	07/25/2022 1852
12102309-1	Wyoming	5	1,578	07/24/2022 1807	07/25/2022 2025
12102484-1	Wyoming	64	1,578	07/24/2022 1807	07/25/2022 2025
12102636-1	Susquehanna	7	1,577	07/24/2022 1803	07/25/2022 2020
12103203-1	Venango	1	1,577	07/24/2022 1433	07/25/2022 1650
12102315-1	Wyoming	11	1,570	07/24/2022 1808	07/25/2022 2018
12103493-1	Bradford	30	1,569	07/24/2022 1714	07/25/2022 1923
12102153-1	Bradford	34	1,569	07/24/2022 1746	07/25/2022 1955
12103493-1	Bradford	1	1,565	07/24/2022 1714	07/25/2022 1919
12103075-1	Bradford	8	1,553	07/24/2022 1702	07/25/2022 1855
12101447-2	Venango	2	1,550	07/24/2022 1358	07/25/2022 1548
12101483-1	Warren	12	1,549	07/24/2022 1413	07/25/2022 1602
12102356-1	Susquehanna	18	1,539	07/24/2022 1812	07/25/2022 1951
12103636-1	Mckean	2	1,537	07/24/2022 1454	07/25/2022 1631
12102338-1	Wyoming	167	1,537	07/24/2022 1805	07/25/2022 1942
12103494-1	Bradford	8	1,533	07/24/2022 1810	07/25/2022 1943
12103029-1	Bradford	3	1,532	07/24/2022 2048	07/25/2022 2220

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
12102523-1	Wyoming	3	1,529	07/24/2022 1836	07/25/2022 2005
12100560-1	Indiana	9	1,528	07/23/2022 1737	07/24/2022 1905
12102332-1	Susquehanna	22	1,525	07/24/2022 1810	07/25/2022 1935
12102507-1	Susquehanna	101	1,522	07/24/2022 1800	07/25/2022 1922
12102230-1	Wyoming	71	1,521	07/24/2022 1758	07/25/2022 1919
12104335-1	Wyoming	3	1,513	07/25/2022 1217	07/26/2022 1330
12102187-1	Wyoming	3	1,505	07/24/2022 1751	07/25/2022 1856
12104558-2	Wyoming	1	1,502	07/25/2022 1406	07/26/2022 1508
12103923-2	Bradford	56	1,502	07/24/2022 1728	07/25/2022 1830
12102019-1	Bradford	6	1,500	07/24/2022 1720	07/25/2022 1820
12101485-3	Warren	8	1,489	07/24/2022 1413	07/25/2022 1502
12102414-1	Susquehanna	87	1,488	07/24/2022 1748	07/25/2022 1836
12101795-3	Venango	75	1,488	07/24/2022 1619	07/25/2022 1707
12102051-1	Bradford	1	1,486	07/24/2022 1716	07/25/2022 1802
12102347-2	Erie	8	1,482	07/24/2022 1806	07/25/2022 1848
12101389-1	Venango	23	1,478	07/24/2022 1337	07/25/2022 1415
12099059-1	Wyoming	15	1,471	07/22/2022 1559	07/23/2022 1630
12101525-1	Warren	15	1,470	07/24/2022 1420	07/25/2022 1450
12103063-1	Bradford	19	1,469	07/24/2022 2047	07/25/2022 2116

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
12102265-1	Susquehanna	193	1,455	07/24/2022 1755	07/25/2022 1810
12102197-1	Erie	6	1,452	07/24/2022 1752	07/25/2022 1804
12102068-1	Bradford	98	1,448	07/24/2022 1724	07/25/2022 1732
12102476-1	Wyoming	72	1,445	07/24/2022 1828	07/25/2022 1833
12104484-1	Wyoming	87	1,438	07/24/2022 1759	07/25/2022 1757
12104484-1	Wyoming	8	1,438	07/24/2022 1759	07/25/2022 1757
12104281-1	Wyoming	36	1,433	07/24/2022 1752	07/25/2022 1745
12102306-1	Wyoming	25	1,413	07/24/2022 1755	07/25/2022 1728
12100344-2	Bedford	12	1,401	07/23/2022 1545	07/24/2022 1506
12101901-2	Bradford	1	1,398	07/24/2022 1642	07/25/2022 1600
12101608-2	Potter	37	1,397	07/24/2022 1508	07/25/2022 1425
12103022-1	Bradford	5	1,389	07/24/2022 2046	07/25/2022 1955
12100560-1	Indiana	7	1,380	07/23/2022 2005	07/24/2022 1905
12102300-3	Erie	32	1,375	07/24/2022 1806	07/25/2022 1701
12104802-1	Wyoming	24	1,375	07/24/2022 1910	07/25/2022 1805
12104693-1	Wyoming	2	1,366	07/25/2022 1359	07/26/2022 1245
12101373-1	Venango	24	1,365	07/24/2022 1330	07/25/2022 1215
12099041-1	Wyoming	17	1,364	07/22/2022 1552	07/23/2022 1436
12100036-1	Bradford	7	1,360	07/22/2022 2027	07/23/2022 1907

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
12101969-1	Bradford	60	1,359	07/24/2022 1712	07/25/2022 1551
12101969-1	Bradford	7	1,357	07/24/2022 1712	07/25/2022 1549
12104787-1	Wyoming	20	1,354	07/24/2022 1751	07/25/2022 1625
12102148-1	Sullivan	39	1,337	07/24/2022 1728	07/25/2022 1545
12103533-1	Bradford	1	1,336	07/25/2022 0356	07/26/2022 0212
12099628-2	Bradford	3	1,333	07/22/2022 1857	07/23/2022 1710
12101772-1	Venango	17	1,327	07/24/2022 1623	07/25/2022 1430
12102306-2	Wyoming	2	1,323	07/25/2022 1357	07/26/2022 1200
12102643-1	Forest	18	1,311	07/24/2022 1903	07/25/2022 1654
12102575-2	Sullivan	6	1,304	07/24/2022 1816	07/25/2022 1600
12103497-1	Erie	1	1,298	07/24/2022 1822	07/25/2022 1600
12104238-3	Forest	20	1,295	07/24/2022 1928	07/25/2022 1703
12101524-1	Venango	15	1,291	07/24/2022 1424	07/25/2022 1155
12101901-2	Bradford	18	1,291	07/24/2022 1642	07/25/2022 1413
12104404-1	Warren	8	1,290	07/25/2022 1230	07/26/2022 1000
12102133-2	Susquehanna	2	1,281	07/24/2022 1728	07/25/2022 1449
12103842-1	Bradford	6	1,280	07/24/2022 1726	07/25/2022 1446
12102826-3	Mckean	2	1,271	07/24/2022 2009	07/25/2022 1720
12101609-1	Potter	1	1,252	07/24/2022 1508	07/25/2022 1200

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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
12102179-1	Bradford	18	1,251	07/24/2022 1749	07/25/2022 1440
12104013-1	Susquehanna	2	1,244	07/24/2022 1811	07/25/2022 1455
12101988-2	Bradford	24	1,242	07/24/2022 1710	07/25/2022 1352
12102855-1	Venango	1	1,240	07/24/2022 2024	07/25/2022 1704
12100091-1	Bradford	17	1,236	07/22/2022 2027	07/23/2022 1703
12102306-1	Wyoming	44	1,226	07/24/2022 1755	07/25/2022 1421
12101557-2	Warren	18	1,216	07/24/2022 1437	07/25/2022 1053
12103626-1	Tioga	7	1,214	07/24/2022 1632	07/25/2022 1246
12103024-1	Susquehanna	1	1,199	07/24/2022 2046	07/25/2022 1645
12102275-2	Erie	1	1,198	07/24/2022 1802	07/25/2022 1400
12099290-1	Wyoming	23	1,196	07/22/2022 1602	07/23/2022 1158
12103727-1	Bradford	2	1,193	07/25/2022 0725	07/26/2022 0318
12101668-1	Warren	20	1,192	07/24/2022 1358	07/25/2022 0950
12104768-1	Bradford	1	1,179	07/25/2022 1608	07/26/2022 1147
12100657-2	Wayne	196	1,170	07/23/2022 1824	07/24/2022 1354
12099986-1	Bradford	21	1,162	07/22/2022 1610	07/23/2022 1132
12103923-1	Bradford	60	1,160	07/24/2022 1728	07/25/2022 1248
12100893-2	Cambria	1	1,160	07/23/2022 2059	07/24/2022 1619
12100430-2	Indiana	11	1,144	07/23/2022 1631	07/24/2022 1135

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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
12102313-1	Wyoming	5	1,133	07/24/2022 2025	07/25/2022 1518
12102346-2	Susquehanna	116	1,133	07/24/2022 1806	07/25/2022 1259
12100344-2	Bedford	2	1,128	07/23/2022 1545	07/24/2022 1033
12102313-1	Wyoming	114	1,123	07/24/2022 1757	07/25/2022 1240
12103974-1	Sullivan	154	1,120	07/24/2022 1717	07/25/2022 1157
12101962-1	Bradford	6	1,113	07/24/2022 2004	07/25/2022 1437
12101253-1	Bradford	26	1,113	07/23/2022 1813	07/24/2022 1246
12102044-1	Bradford	107	1,111	07/24/2022 1721	07/25/2022 1152
12100036-1	Bradford	10	1,102	07/22/2022 2027	07/23/2022 1449
12102417-1	Susquehanna	272	1,102	07/24/2022 1822	07/25/2022 1244
12101811-2	Tioga	2	1,098	07/25/2022 0519	07/25/2022 2337
12101877-1	Lycoming	22	1,085	07/24/2022 1634	07/25/2022 1039
12101937-2	Venango	5	1,084	07/24/2022 1636	07/25/2022 1040
12104143-1	Bradford	1	1,073	07/25/2022 0804	07/26/2022 0157
12104134-1	Bradford	1	1,071	07/25/2022 1019	07/26/2022 0410
12099740-2	Bradford	1	1,064	07/22/2022 2016	07/23/2022 1400
12101877-1	Lycoming	8	1,056	07/24/2022 1634	07/25/2022 1010
12101877-1	Lycoming	54	1,056	07/24/2022 1634	07/25/2022 1010
12099589-2	Bradford	33	1,049	07/22/2022 1838	07/23/2022 1207

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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
12103743-1	Warren	108	1,047	07/25/2022 0143	07/25/2022 1910
12102149-1	Sullivan	38	1,045	07/24/2022 1735	07/25/2022 1100
12103448-2	Susquehanna	52	1,040	07/25/2022 0137	07/25/2022 1857
12103259-1	Tioga	92	1,037	07/24/2022 2038	07/25/2022 1355
12102423-2	Erie	1	1,024	07/24/2022 1819	07/25/2022 1123
12102423-2	Erie	4	1,022	07/24/2022 1819	07/25/2022 1121
12102423-2	Erie	1	1,021	07/24/2022 1819	07/25/2022 1120
12102475-1	Bradford	5	1,020	07/24/2022 1730	07/25/2022 1030
12103601-2	Warren	116	1,015	07/25/2022 0214	07/25/2022 1909
12102163-1	Wyoming	21	1,000	07/24/2022 1747	07/25/2022 1027
12103797-2	Bradford	1	998	07/24/2022 1952	07/25/2022 1230
12102474-1	Susquehanna	22	990	07/24/2022 1830	07/25/2022 1100
12102532-1	Susquehanna	4	983	07/24/2022 1837	07/25/2022 1100
12102522-3	Erie	1	976	07/24/2022 1836	07/25/2022 1052
12102313-1	Wyoming	50	975	07/24/2022 2025	07/25/2022 1240
12104669-1	Wayne	148	973	07/25/2022 1830	07/26/2022 1043
12105007-1	Susquehanna	9	973	07/25/2022 1856	07/26/2022 1109
12103599-2	Venango	3	969	07/25/2022 0536	07/25/2022 2145
12103459-1	Venango	12	966	07/24/2022 1324	07/25/2022 0530

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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
12101419-1	Venango	12	965	07/24/2022 1338	07/25/2022 0543
12100430-2	Indiana	30	958	07/23/2022 1937	07/24/2022 1135
12100443-2	Jefferson	5	954	07/23/2022 1651	07/24/2022 0845
12100698-2	Bradford	1	931	07/23/2022 1834	07/24/2022 1005
12103336-1	Wayne	341	926	07/24/2022 1811	07/25/2022 0937
12101506-2	Venango	84	922	07/24/2022 1345	07/25/2022 0507
12102133-1	Susquehanna	15	916	07/24/2022 1728	07/25/2022 0844
12102125-1	Bradford	41	916	07/24/2022 1728	07/25/2022 0844
12102137-1	Bradford	171	916	07/24/2022 1728	07/25/2022 0844
12101890-1	Bradford	46	915	07/24/2022 1640	07/25/2022 0755
12105105-1	Susquehanna	25	913	07/25/2022 2107	07/26/2022 1220
12102475-1	Bradford	2	910	07/24/2022 1730	07/25/2022 0840
12102475-1	Bradford	1	910	07/24/2022 1730	07/25/2022 0840
12104687-1	Venango	15	909	07/25/2022 0232	07/25/2022 1741
12100021-1	Bradford	1	903	07/22/2022 2027	07/23/2022 1130
12099743-1	Bradford	5	894	07/22/2022 2019	07/23/2022 1113
12102658-1	Mckean	1	892	07/24/2022 1908	07/25/2022 1000
12103548-2	Erie	15	883	07/25/2022 0409	07/25/2022 1852
12102418-2	Erie	1	875	07/24/2022 1820	07/25/2022 0855

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
12099617-1	Bradford	2	867	07/22/2022 1853	07/23/2022 0920
12099798-2	Bradford	58	863	07/22/2022 2027	07/23/2022 1050
12101555-3	Warren	24	855	07/24/2022 1445	07/25/2022 0500
12103259-1	Tioga	74	852	07/24/2022 2343	07/25/2022 1355
12103961-2	Tioga	6	847	07/25/2022 0353	07/25/2022 1800
12099903-1	Bradford	1	844	07/22/2022 2211	07/23/2022 1215
12099061-1	Wyoming	3	842	07/22/2022 1600	07/23/2022 0602
12100996-1	Westmoreland	25	842	07/23/2022 1608	07/24/2022 0610
12099742-1	Wayne	4	838	07/22/2022 2017	07/23/2022 1015
12100022-1	Wyoming	1	838	07/23/2022 0642	07/23/2022 2040
12105336-3	Warren	1	835	07/26/2022 0616	07/26/2022 2011
12101211-2	Bedford	6	825	07/24/2022 0935	07/24/2022 2320
12103251-2	Erie	1	820	07/24/2022 2319	07/25/2022 1259
12103698-3	Warren	25	810	07/25/2022 0710	07/25/2022 2040
12104490-1	Bradford	1	809	07/25/2022 1331	07/26/2022 0300
12100756-1	Susquehanna	2	809	07/23/2022 1914	07/24/2022 0843
12102785-1	Warren	1	807	07/24/2022 1518	07/25/2022 0445
12100756-1	Susquehanna	12	799	07/23/2022 1914	07/24/2022 0833
12103669-2	Venango	2	794	07/25/2022 0636	07/25/2022 1950

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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
12099798-2	Bradford	35	789	07/22/2022 2027	07/23/2022 0936
12099729-2	Bradford	161	789	07/22/2022 1958	07/23/2022 0907
12103935-1	Venango	1	788	07/25/2022 0911	07/25/2022 2219
12101882-1	Venango	36	785	07/24/2022 1625	07/25/2022 0530
12104191-1	Susquehanna	2	777	07/25/2022 1048	07/25/2022 2345
12101811-1	Tioga	2	769	07/24/2022 1625	07/25/2022 0514
12102689-1	Tioga	106	768	07/24/2022 1632	07/25/2022 0520
12103692-1	Tioga	1	744	07/25/2022 0701	07/25/2022 1925
12102546-1	Erie	1	736	07/24/2022 1838	07/25/2022 0654
12103315-1	Venango	8	715	07/24/2022 1636	07/25/2022 0431
12105658-1	Wyoming	9	696	07/26/2022 0754	07/26/2022 1930
12106508-2	Clarion	1	686	07/27/2022 0735	07/27/2022 1901
12103764-1	Erie	1	677	07/24/2022 2337	07/25/2022 1054
12102162-1	Bradford	4	675	07/24/2022 1747	07/25/2022 0502
12106316-1	Susquehanna	31	675	07/27/2022 0102	07/27/2022 1217
12104543-2	Venango	1	674	07/25/2022 0942	07/25/2022 2056
12101363-1	Venango	61	672	07/24/2022 1324	07/25/2022 0036
12103675-2	Venango	2	669	07/25/2022 0639	07/25/2022 1748
12103558-1	Warren	1	665	07/25/2022 0430	07/25/2022 1535

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
12101937-2	Venango	1	665	07/24/2022 2335	07/25/2022 1040
12103415-1	Warren	3	661	07/25/2022 0054	07/25/2022 1155
12103511-1	Venango	9	653	07/25/2022 0335	07/25/2022 1428
12099407-1	Susquehanna	40	645	07/22/2022 1715	07/23/2022 0400
12100790-1	Clearfield	31	645	07/23/2022 1944	07/24/2022 0629
12100790-1	Clearfield	16	645	07/23/2022 1944	07/24/2022 0629
12102839-1	Mckean	8	644	07/24/2022 2015	07/25/2022 0659
12104246-1	Jefferson	4	640	07/25/2022 0800	07/25/2022 1840
12104383-1	Erie	2	636	07/25/2022 0444	07/25/2022 1520
12103457-1	Crawford	1	627	07/25/2022 0153	07/25/2022 1220
12104654-2	Bradford	1	626	07/25/2022 0919	07/25/2022 1945
12101549-1	Venango	2	626	07/24/2022 1432	07/25/2022 0058
12103730-1	Venango	3	625	07/25/2022 0726	07/25/2022 1751
12101549-1	Venango	3	622	07/24/2022 1432	07/25/2022 0054
12102909-1	Mckean	10	616	07/24/2022 2038	07/25/2022 0654
12100835-2	Somerset	2	616	07/23/2022 1722	07/24/2022 0338
12104177-1	Warren	39	613	07/25/2022 0637	07/25/2022 1650
12101139-1	Somerset	3	611	07/24/2022 0813	07/24/2022 1824
12101491-1	Warren	85	603	07/24/2022 1414	07/25/2022 0017

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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
12105240-1	Wyoming	19	602	07/26/2022 0038	07/26/2022 1040
12104655-1	Erie	2	598	07/25/2022 0810	07/25/2022 1808
12100255-2	Clearfield	2	590	07/23/2022 1411	07/24/2022 0001
12103601-2	Warren	201	589	07/25/2022 0920	07/25/2022 1909
12101510-3	Warren	125	586	07/24/2022 1414	07/25/2022 0000
12105278-2	Cambria	1	580	07/26/2022 0325	07/26/2022 1305
12103244-2	Erie	16	575	07/24/2022 2305	07/25/2022 0840
12102804-1	Warren	99	572	07/24/2022 1413	07/24/2022 2345
12103678-1	Crawford	3	569	07/25/2022 0119	07/25/2022 1048
12103898-1	Venango	1	566	07/25/2022 0854	07/25/2022 1820
12103415-1	Warren	6	564	07/25/2022 0054	07/25/2022 1018
12104242-1	Venango	6	559	07/25/2022 0521	07/25/2022 1440
12104184-1	Venango	17	556	07/25/2022 0140	07/25/2022 1056
12107244-2	Cambria	2	555	07/28/2022 0030	07/28/2022 0945
12105240-1	Wyoming	36	552	07/26/2022 0038	07/26/2022 0950
12106805-1	Susquehanna	4	537	07/27/2022 1300	07/27/2022 2157
12101465-1	Venango	42	537	07/24/2022 1336	07/24/2022 2233
12100371-1	Westmoreland	233	531	07/23/2022 1608	07/24/2022 0059
12100371-1	Westmoreland	16	530	07/23/2022 1608	07/24/2022 0058

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
12104889-2	Clearfield	1	528	07/25/2022 1716	07/26/2022 0204
12103537-1	Clarion	1	525	07/25/2022 0338	07/25/2022 1223
12099338-1	Wyoming	199	523	07/22/2022 1602	07/23/2022 0045
12104626-1	Somerset	13	519	07/25/2022 1441	07/25/2022 2320
12101552-2	Mckean	16	519	07/24/2022 1444	07/24/2022 2323
12103819-1	Warren	14	515	07/25/2022 0813	07/25/2022 1648
12103984-1	Venango	29	509	07/25/2022 0156	07/25/2022 1025
12101363-1	Venango	53	508	07/24/2022 1324	07/24/2022 2152
12103537-1	Clarion	22	504	07/25/2022 0338	07/25/2022 1202
12100552-1	Clearfield	89	501	07/23/2022 1734	07/24/2022 0155
12103296-2	Erie	19	499	07/24/2022 2358	07/25/2022 0817
12100597-1	Cambria	9	493	07/23/2022 1747	07/24/2022 0200
12100116-1	Bradford	7	493	07/23/2022 1025	07/23/2022 1838
12103641-3	Forest	144	491	07/25/2022 0401	07/25/2022 1212
12106940-2	Venango	11	489	07/27/2022 1507	07/27/2022 2316
12104246-1	Jefferson	1	488	07/25/2022 1032	07/25/2022 1840
12102760-2	Venango	132	485	07/24/2022 1621	07/25/2022 0026
12101371-1	Venango	282	484	07/24/2022 1326	07/24/2022 2130
12106948-1	Venango	1	483	07/27/2022 1516	07/27/2022 2319

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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
12102216-1	Bradford	6	481	07/24/2022 1749	07/25/2022 0150
12100473-2	Cambria	1	478	07/23/2022 1707	07/24/2022 0105
12103724-1	Tioga	1	476	07/25/2022 0724	07/25/2022 1520
12100432-2	Cambria	74	474	07/23/2022 1646	07/24/2022 0040
12103298-2	Erie	19	473	07/25/2022 0007	07/25/2022 0800
12103601-1	Warren	104	471	07/25/2022 0214	07/25/2022 1005
12100497-2	Blair	59	468	07/23/2022 1713	07/24/2022 0101
12104585-2	Warren	1	465	07/25/2022 1415	07/25/2022 2200
12104585-2	Warren	1	465	07/25/2022 1415	07/25/2022 2200
12102227-1	Jefferson	5	463	07/24/2022 1757	07/25/2022 0140
12104545-1	Susquehanna	7	462	07/25/2022 0937	07/25/2022 1719
12100660-2	Bedford	17	459	07/23/2022 1718	07/24/2022 0057
12104383-1	Erie	7	451	07/25/2022 0444	07/25/2022 1215
12103455-1	Venango	31	448	07/25/2022 0150	07/25/2022 0918
12103961-2	Tioga	7	448	07/25/2022 1032	07/25/2022 1800
12100255-2	Clearfield	2	447	07/23/2022 1411	07/23/2022 2138
12100513-1	Blair	3	446	07/23/2022 1718	07/24/2022 0044
12102112-1	Sullivan	2	445	07/24/2022 1729	07/25/2022 0054
12101507-1	Warren	1	445	07/24/2022 1420	07/24/2022 2145

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
12104993-1	Indiana	31	444	07/25/2022 1831	07/26/2022 0155
12102112-1	Sullivan	641	443	07/24/2022 1729	07/25/2022 0052
12100432-1	Cambria	20	439	07/23/2022 1646	07/24/2022 0005
12099545-2	Somerset	5	439	07/22/2022 1816	07/23/2022 0135
12104077-2	Erie	13	436	07/25/2022 0706	07/25/2022 1422
12101046-1	Susquehanna	1	431	07/24/2022 0449	07/24/2022 1200
12100101-2	Bradford	1	428	07/23/2022 0952	07/23/2022 1700
12105409-1	Susquehanna	3	428	07/26/2022 0807	07/26/2022 1515
12101062-2	Clearfield	1	426	07/24/2022 0617	07/24/2022 1323
12101937-2	Venango	6	424	07/24/2022 1636	07/24/2022 2340
12100454-1	Somerset	13	424	07/23/2022 1656	07/24/2022 0000
12100808-2	Venango	1	421	07/23/2022 1957	07/24/2022 0258
12100784-1	Cambria	15	418	07/23/2022 1937	07/24/2022 0235
12101549-1	Venango	9	417	07/24/2022 1432	07/24/2022 2129
12103583-1	Jefferson	1	416	07/25/2022 0512	07/25/2022 1208
12103680-1	Erie	1	411	07/25/2022 0644	07/25/2022 1335
12104654-1	Bradford	4	403	07/25/2022 0919	07/25/2022 1602
12103925-1	Bradford	2	395	07/25/2022 0904	07/25/2022 1539
12106216-1	Cambria	454	395	07/26/2022 2140	07/27/2022 0415

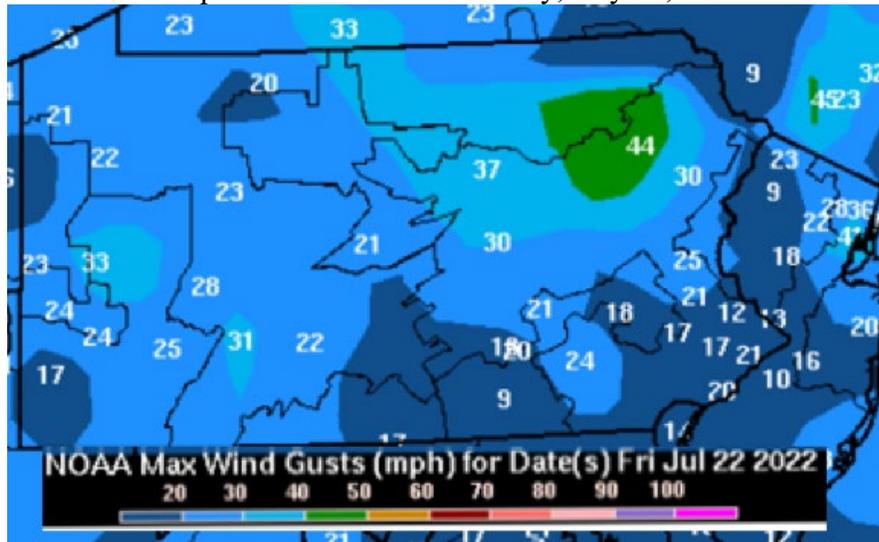
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Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
12104834-2	Huntingdon	1	391	07/25/2022 1650	07/25/2022 2321
12103087-1	Bradford	69	388	07/24/2022 1702	07/24/2022 2330
12103983-3	Somerset	7	387	07/25/2022 0922	07/25/2022 1549
12106526-2	Venango	11	387	07/27/2022 0807	07/27/2022 1434
12105559-1	Mckean	6	384	07/26/2022 1009	07/26/2022 1633
12102347-2	Erie	123	384	07/24/2022 1806	07/25/2022 0030
12100960-1	Bradford	2	383	07/23/2022 1822	07/24/2022 0045
12100979-1	Mckean	27	382	07/23/2022 1845	07/24/2022 0107
12103503-1	Erie	15	379	07/25/2022 0306	07/25/2022 0925
12104322-1	Susquehanna	166	377	07/25/2022 1209	07/25/2022 1826
12103528-1	Erie	36	374	07/24/2022 2358	07/25/2022 0612
12104095-2	Tioga	2	369	07/25/2022 1001	07/25/2022 1610
12103233-1	Blair	246	369	07/25/2022 0019	07/25/2022 0628
12103590-2	Erie	13	367	07/25/2022 0522	07/25/2022 1129
12101988-1	Bradford	17	363	07/24/2022 1710	07/24/2022 2313
12101509-2	Warren	6	363	07/24/2022 1419	07/24/2022 2022

Attachment B: Wind and Precipitation Report

Wind and Precipitation Reports: Graphics 1, 2, and 3 illustrate the maximum wind gusts in the Penelec service territory on July 22, 24, and 25, 2022. Graphic 4 and 5 illustrate precipitation in the Penelec service territory on July 24 and 25, 2022. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

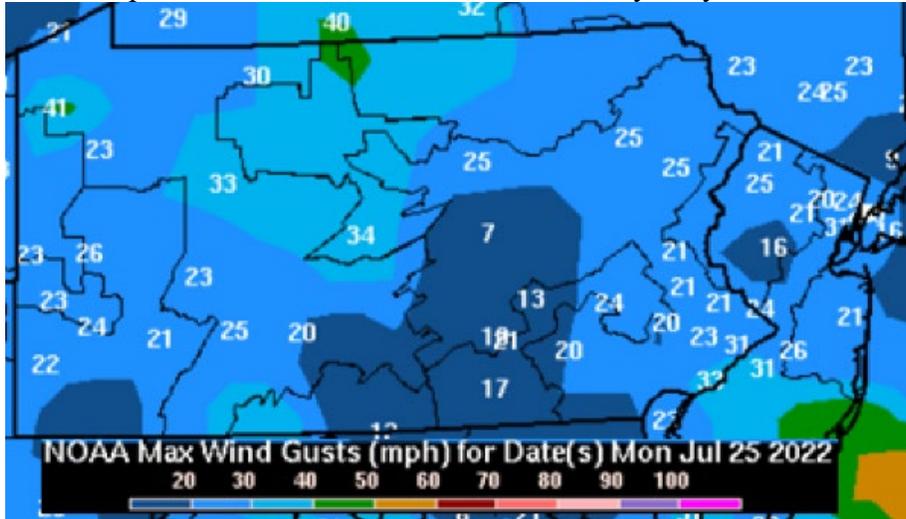
Graphic 1: Wind Gusts - Friday, July 22, 2022



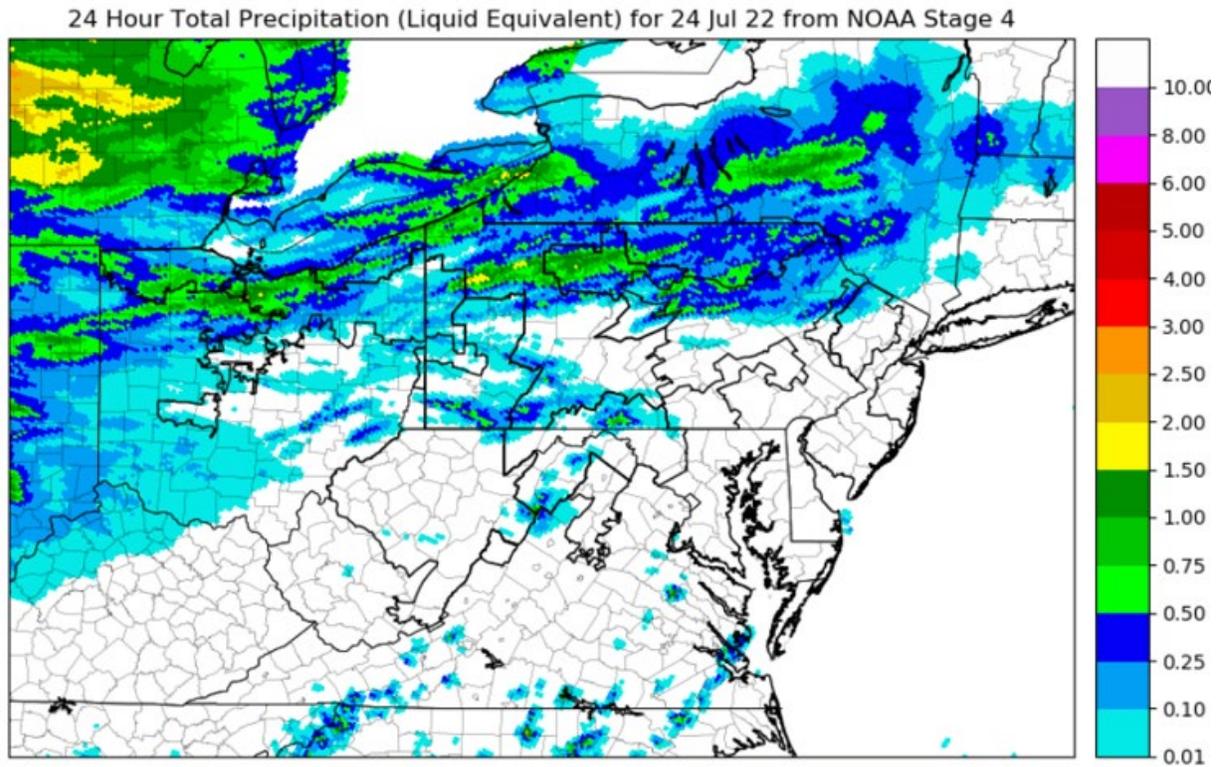
Graphic 2: Maximum Wind Gusts - Sunday, July 24, 2022



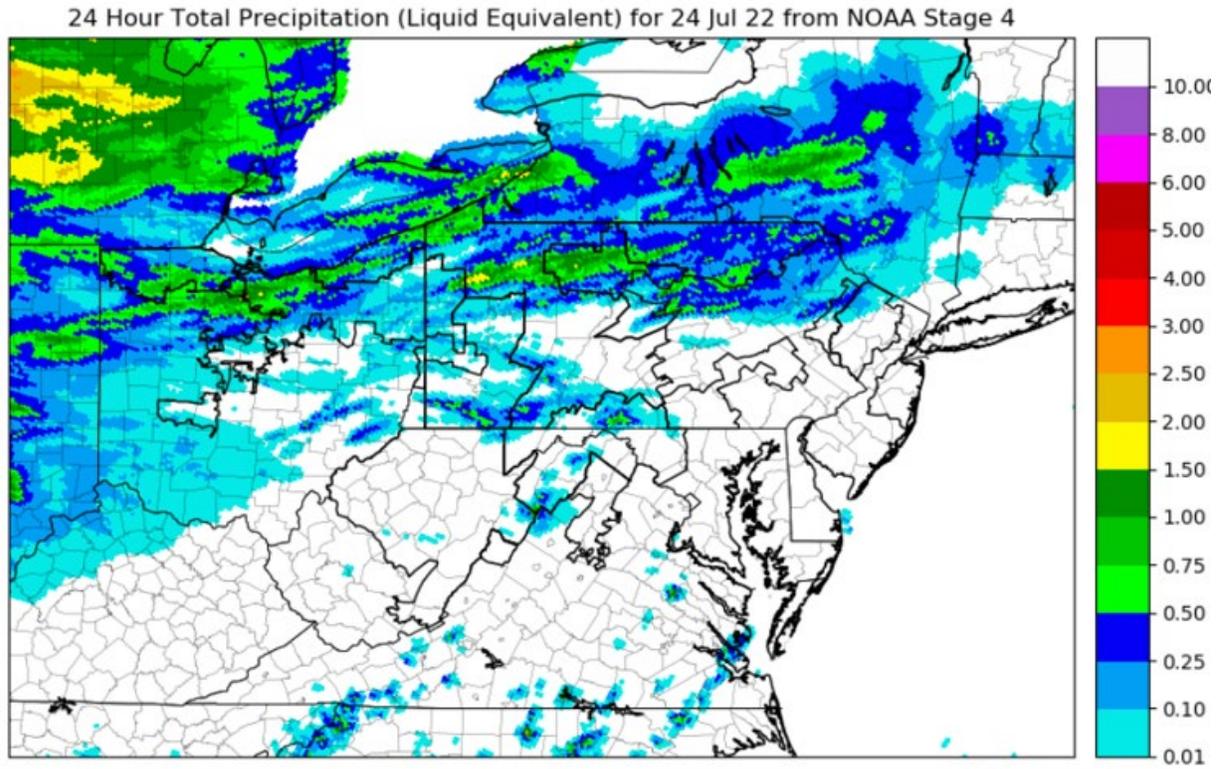
Graphic 3: Maximum Wind Gusts - Monday, July 25, 2022



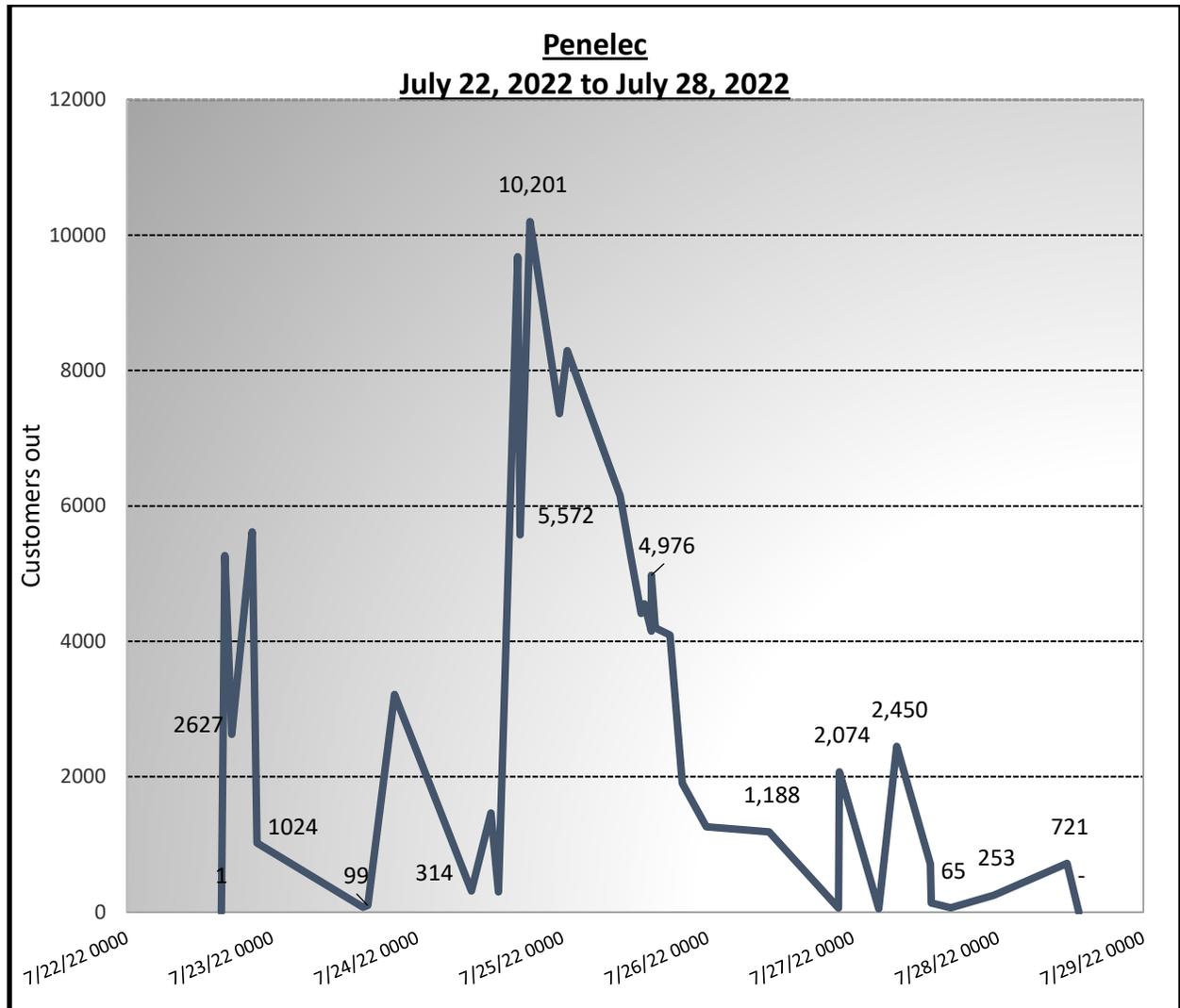
Graphic 4: Precipitation - Sunday, July 24, 2022



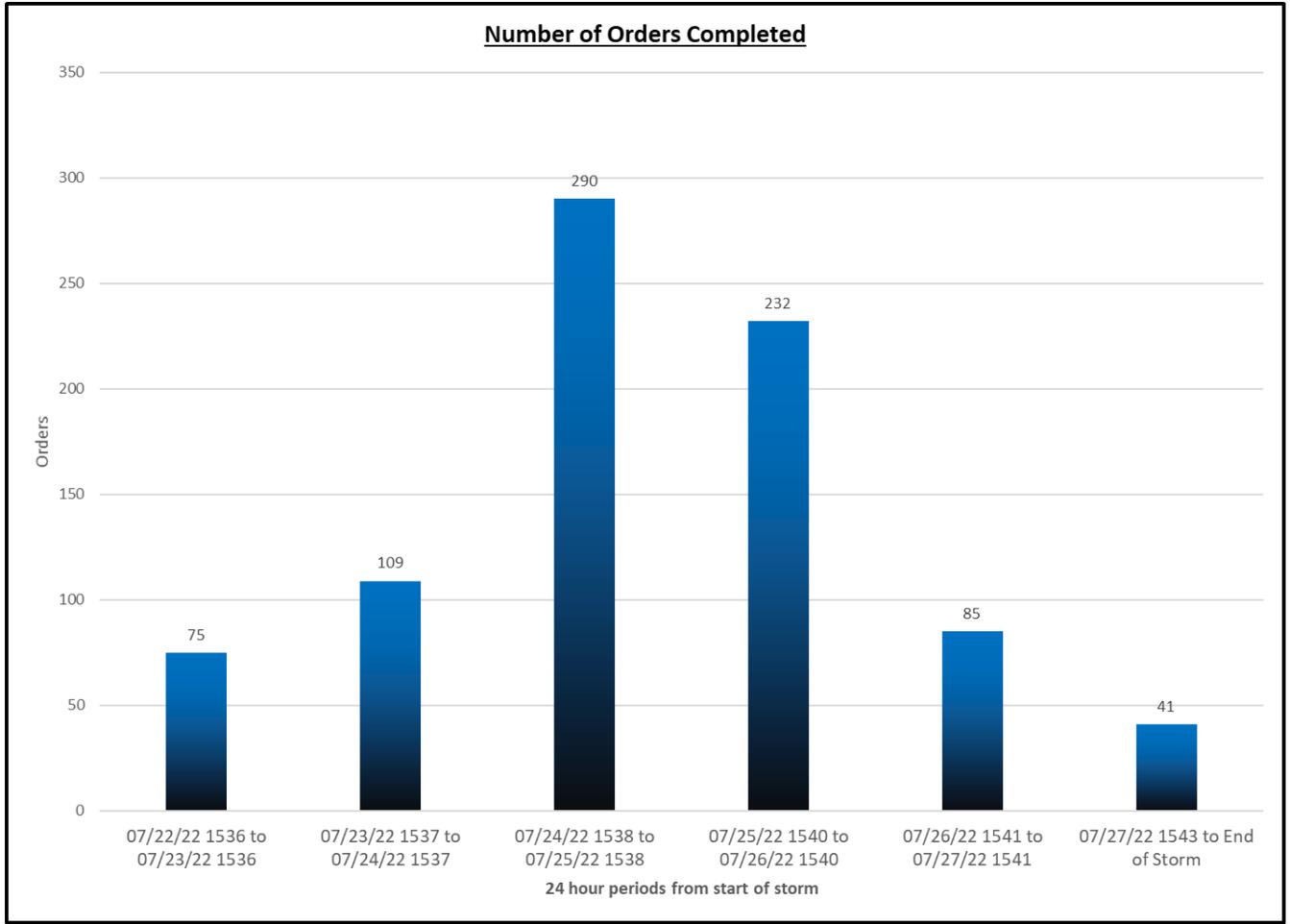
Graphic 5: Precipitation - Monday, July 25, 2022



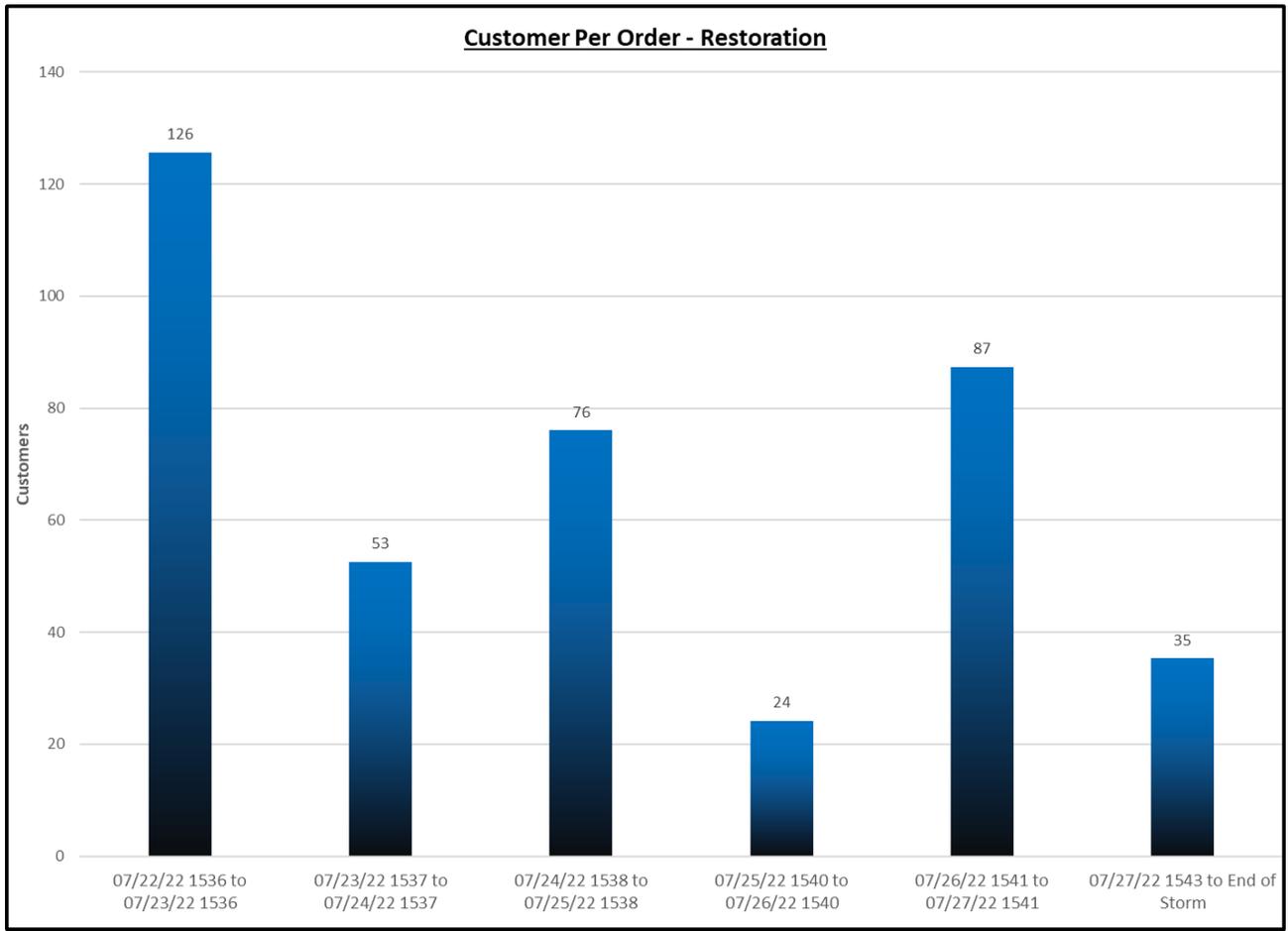
Attachment C: Order Restoration Curve



Attachment D: Order Restoration Graphs



Penelec Storm Report



Attachment E: Meteorologist Reports

Wednesday July 20, 2022 @ 0853

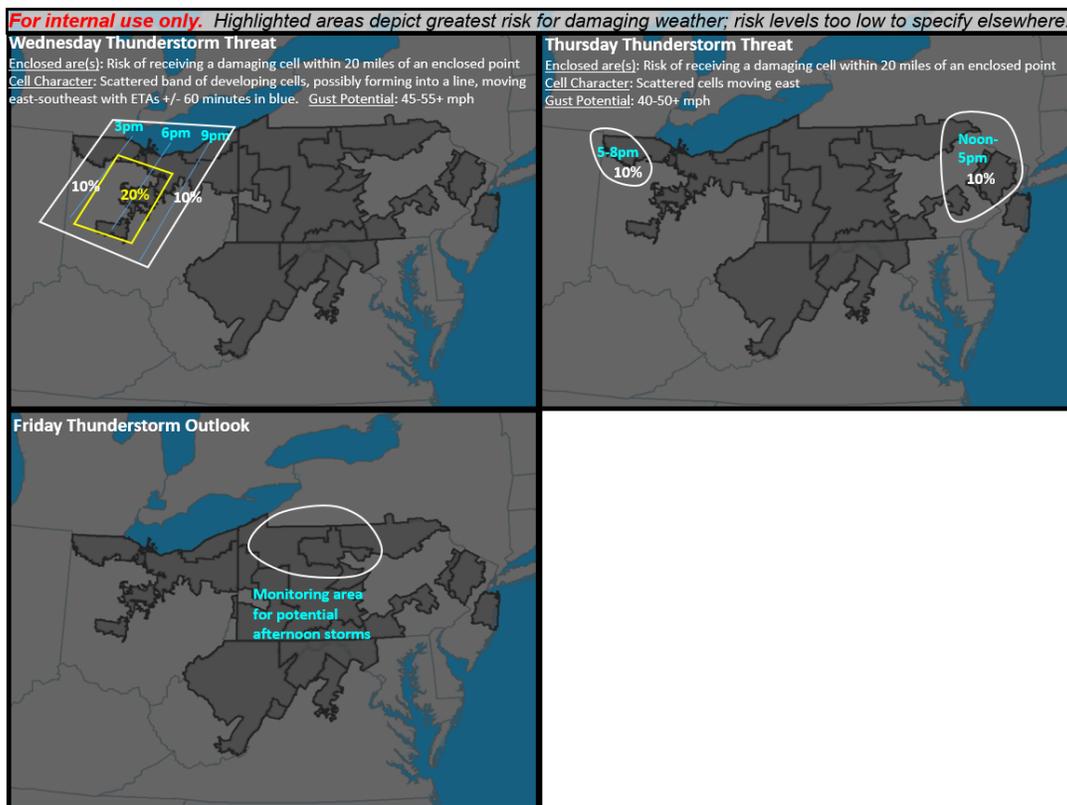
Changes.

1. **Wednesday (today):** Fine-tuned timing and risk area. Confidence is slightly below normal with this graphic as it is not a lock a solid line will form. Confidence is above normal with timing.
2. **Thursday:** Expanded risk area slightly in NJ and adjacent PA, although risk remains low. Added a small risk area in west OH. Confidence for this panel is slightly below normal as a band of cells may form east PA/NJ vs general scattered cells for those hours. Additionally, although the risk for receiving a damaging cell in west OH is mentionable, it is still a weak signal.
3. **Friday:** Added preliminary low risk area being monitored for scattered damaging cells. Confidence is below normal for this panel as it is beyond the range of reliable thunderstorm guidance.

Next Update – Thu 11am

Manousos 330 396 0059

Workoff – 716 397 4430



Thursday July 21, 2022 @ 0857

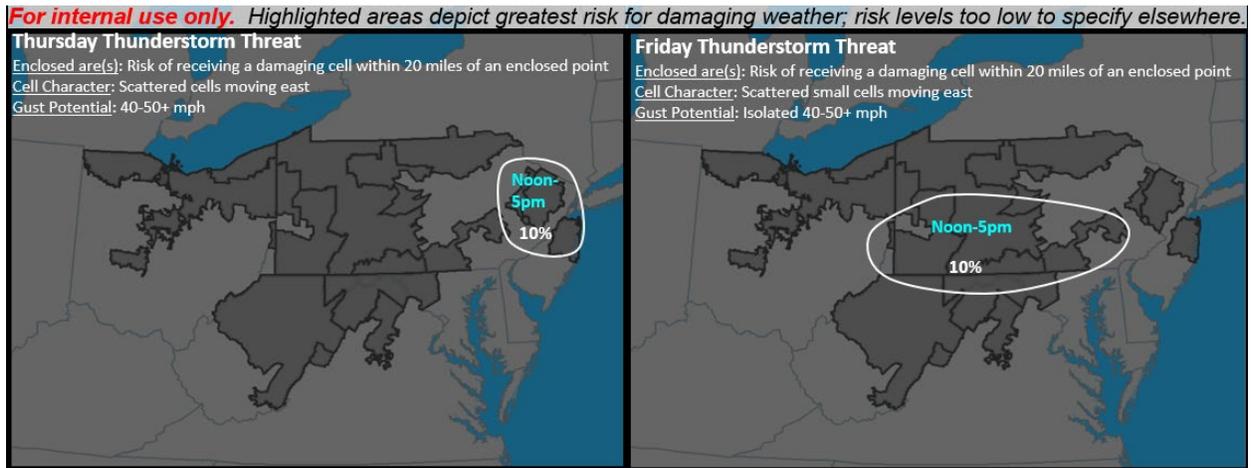
Changes.

1. **Thursday (today):** Shifted risk area east and removed risk area in OH. Confidence is normal for this panel.
2. **Friday:** Shifted low risk area south. Confidence is slightly below normal for this panel as cells are expected to be small with only the risk of an isolated damaging cell possible. This area may be dropped if the risk sinks any lower than 10%.

Next Update – Fri 11am

Manousos 330 396 0059

Workoff – 716 397 4430



Friday July 22, 2022 @ 0905

Update:

Friday—small adjustments to area and timing of possible storms today. Storms are expected to be scattered/isolated across the threat area, with isolated damaging gusts possible.

Saturday—introduced an area across WV where a cluster of storms may pass through Saturday afternoon. If this situation develops—it's fairly uncertain as of now—a few pockets of damaging gusts will be possible as storms move through.

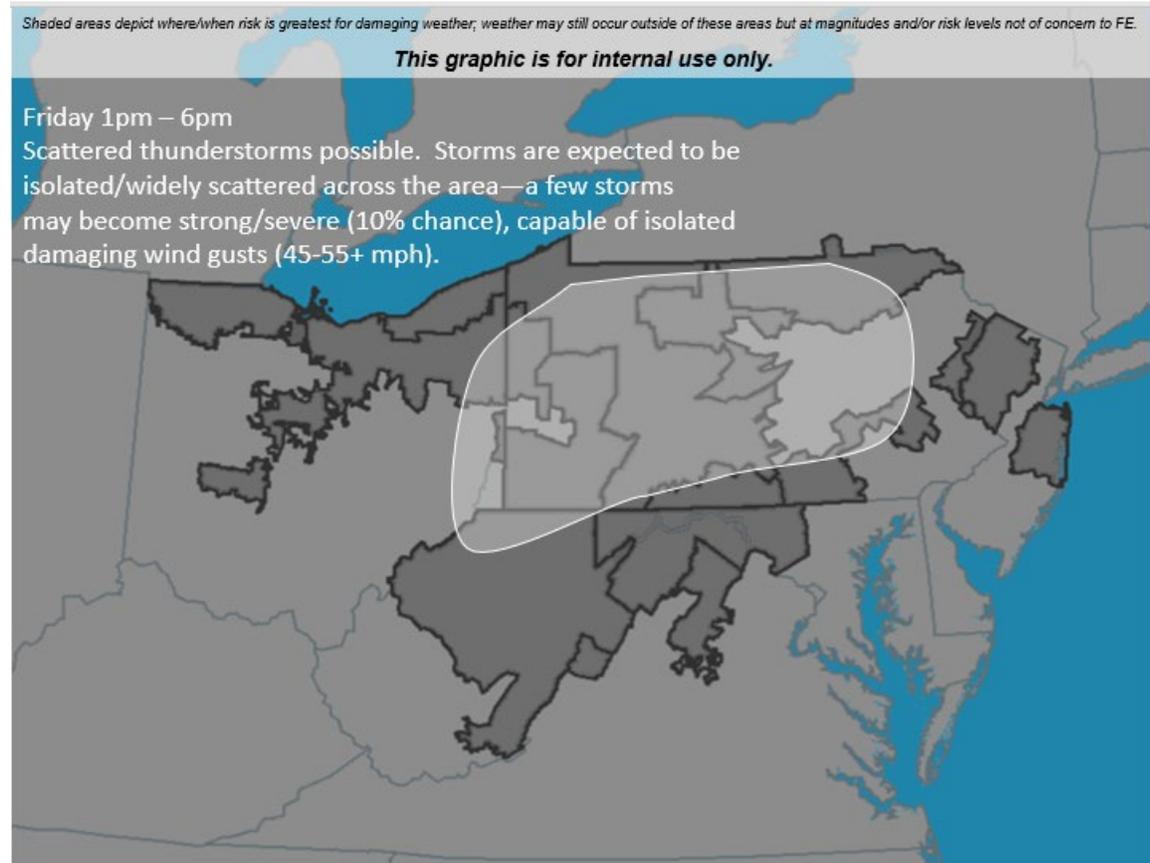
Sunday—A cold front is expected to move through western FE in the late afternoon/evening. Given the heat and humidity in place, conditions look generally favorable for severe storm development. Details of this threat will be updated and clarified in future alerts as greater detail of the threat becomes available.

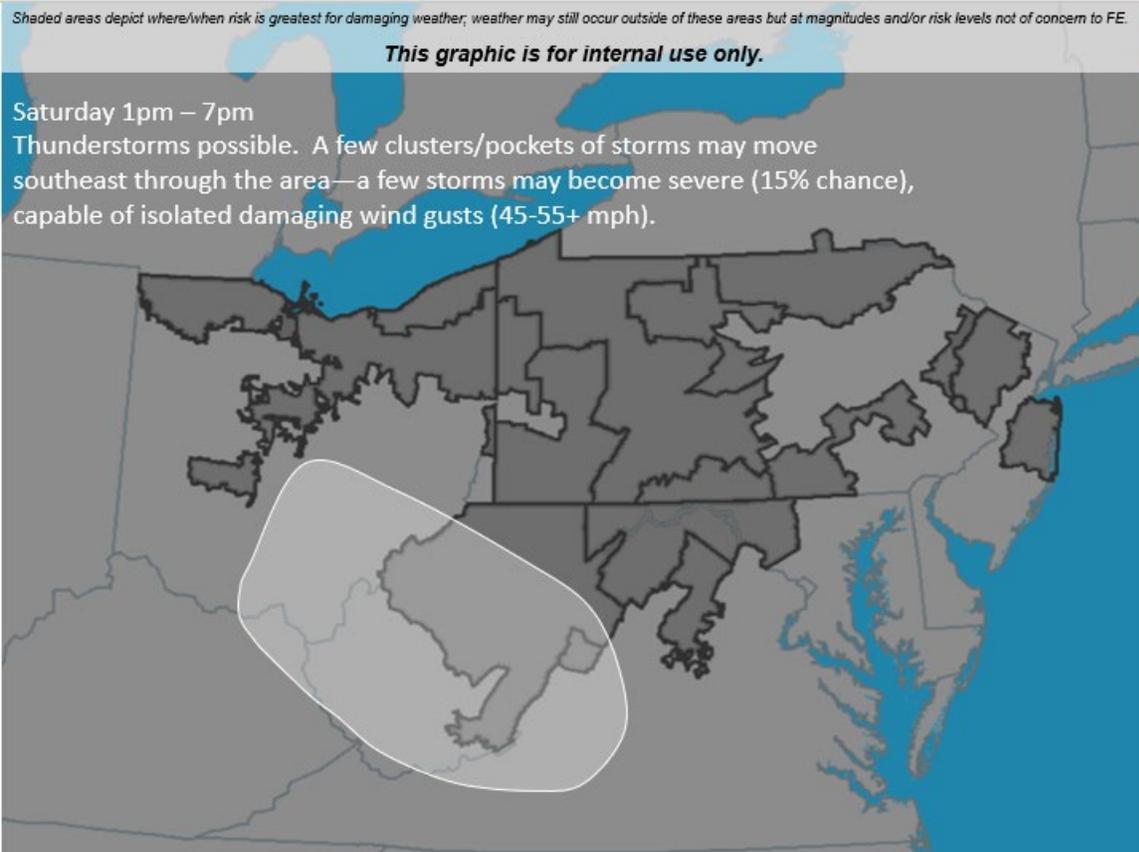
Additional note: hot and humid conditions are expected to persist across all of FE throughout the weekend. The peak of the heat is expected across the eastern half of FE, with high temperatures in the mid/upper 90s, and heat index values pushing over 100 degrees for the next several days. Relief from the heat will begin across western FE starting late Sunday, and will reach eastern FE Tuesday.

See graphics below for further information.

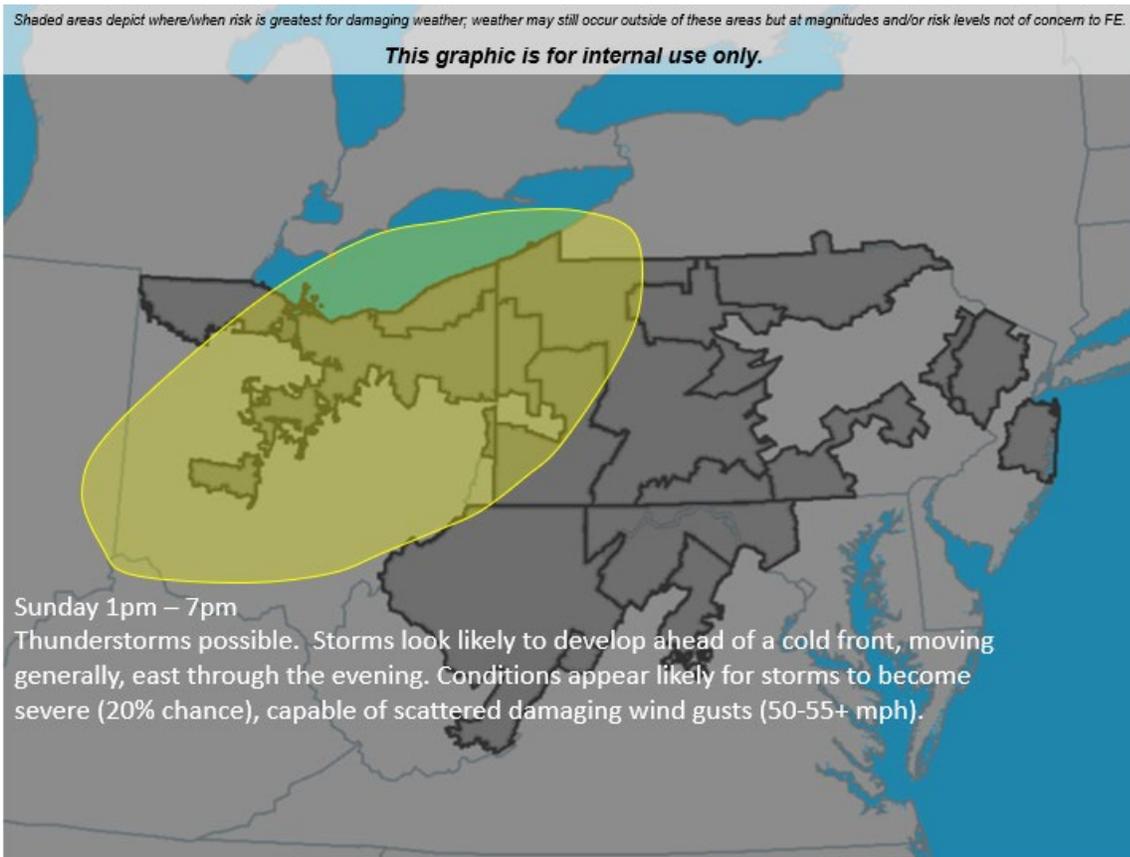
Next Update by 11am Saturday

Workoff – 716 397 4430





Penelec Storm Report



Friday July 22, 2022 @ 1250

Update:

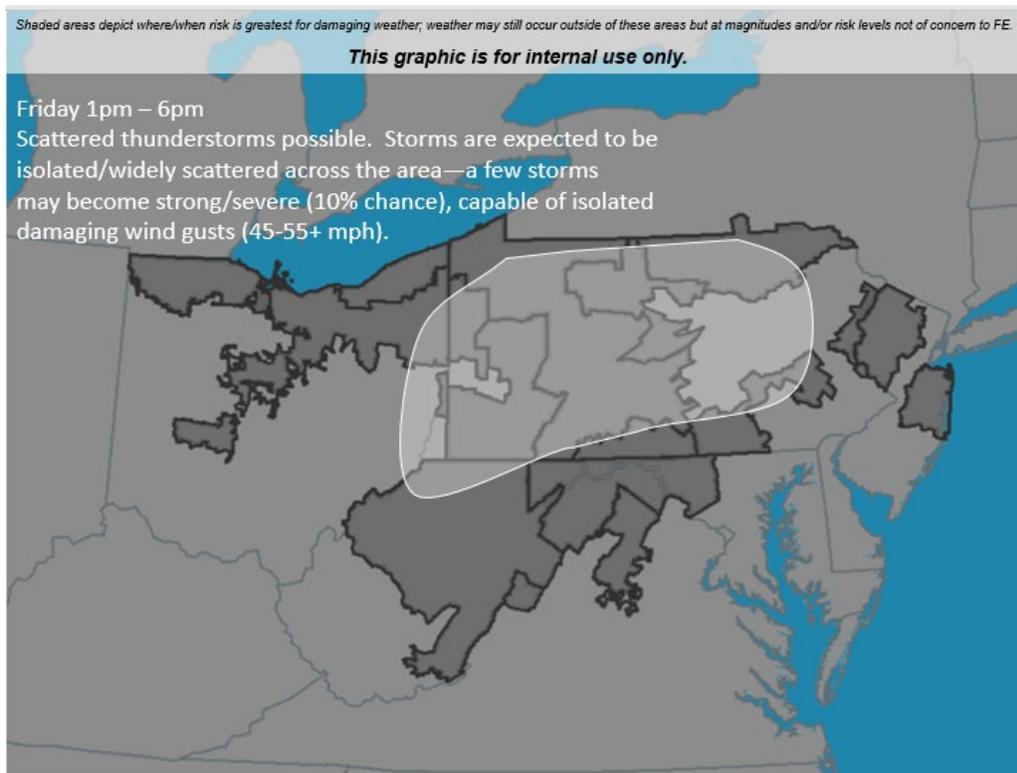
Adjustments to Saturday’s forecast—expanded the area to include portions of OH, but reduced overall risk slightly. A cluster of storms may survive overnight and move through OH Saturday morning, continuing into WV Saturday afternoon. If this situation occurs, these storms will contain a threat for isolated damaging wind gusts.

No changes to Friday’s or Sunday’s forecast at this time.

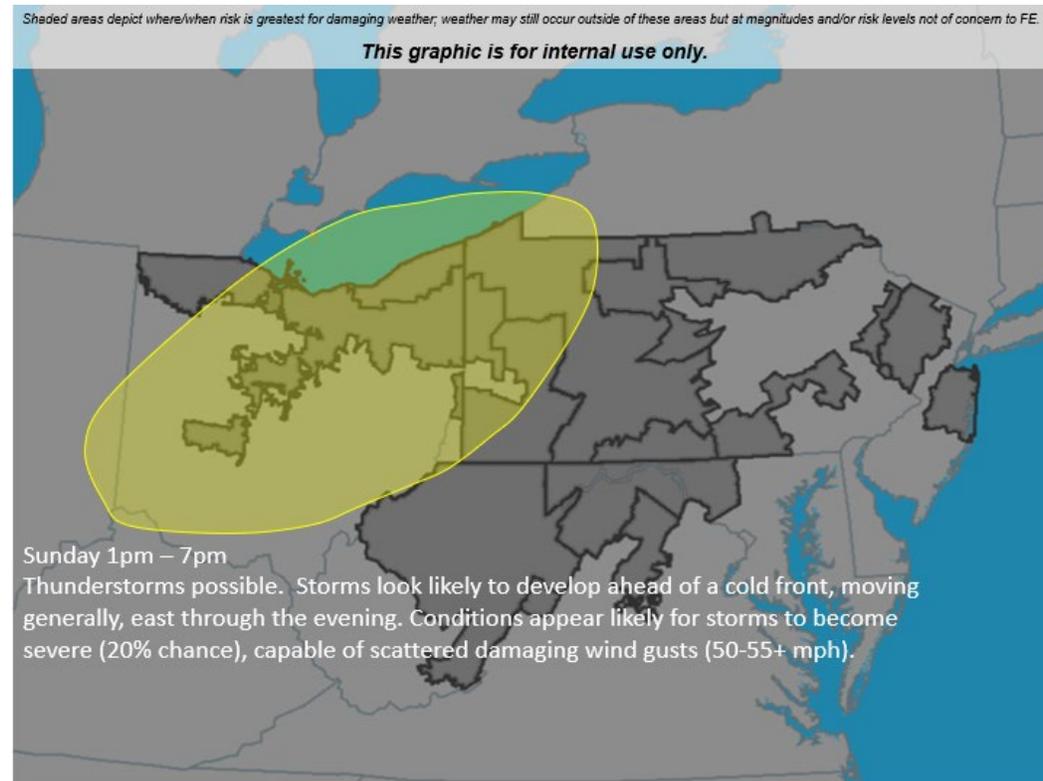
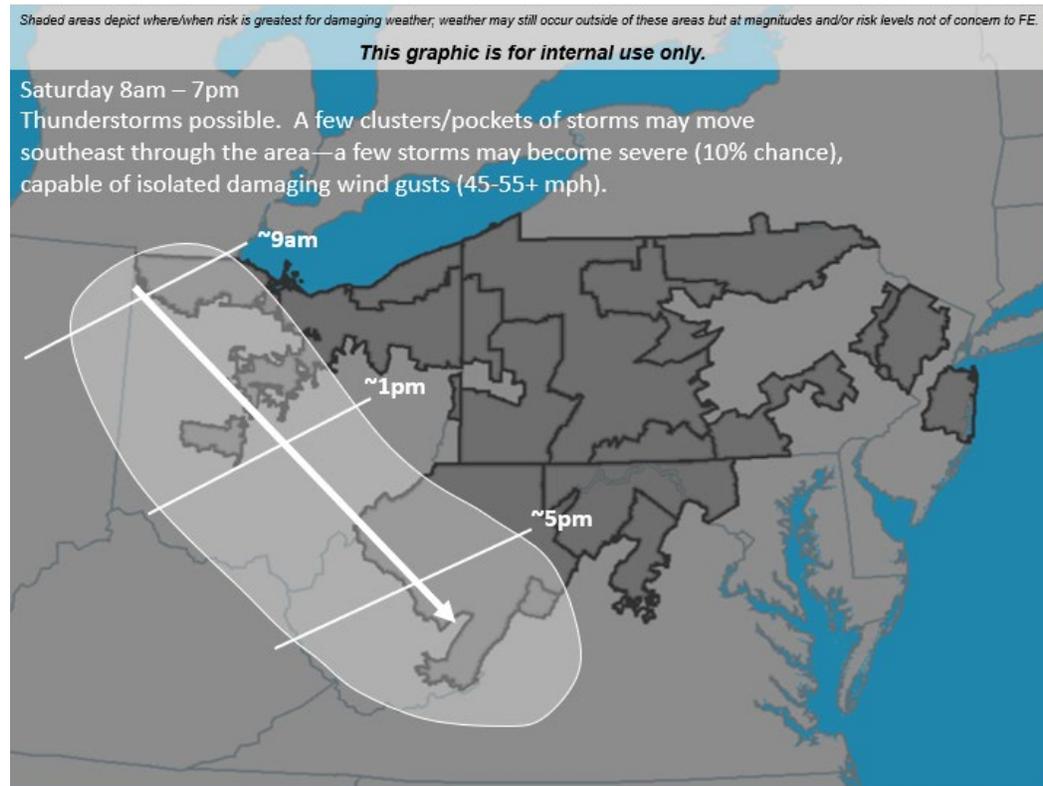
See graphics below for further information.

Next Update by 11am Saturday

Workoff – 716 397 4430



Penelec Storm Report



Saturday July 23, 2022 @ 0912

Update:

Several rounds of thunderstorms will be possible across the FE footprint over the next few days.

Saturday—small changes to the potential of storms across western FE during the day today. Storms currently in western OH are expected to survive/move southeastward through OH and WV throughout the day today. It remains unusually uncertain how strong these storms will be able to stay—the threat risk for areas for eastern OH and western WV may need to be increased later today if conditions develop that support re-strengthening. For now, isolated damaging gusts will be possible throughout the day as the storms (or their remnants) pass.

Sunday--

Part A) A complex of thunderstorms is expected to approach OH early Sunday morning. Storms will be weakening as they approach, but if storms are able to survive to the OH border, isolated damaging gusts will be possible across western OH early Sunday.

Part B) A new round of storms is expected to develop ahead of a cold front Sunday afternoon across areas of OH and PA. This development may feature multiple rounds of storms—and a few clusters or small line segments are possible as storms organize and move east throughout the evening. Severe storm development looks likely with this round of storms, and pockets of damaging wind gusts will be possible.

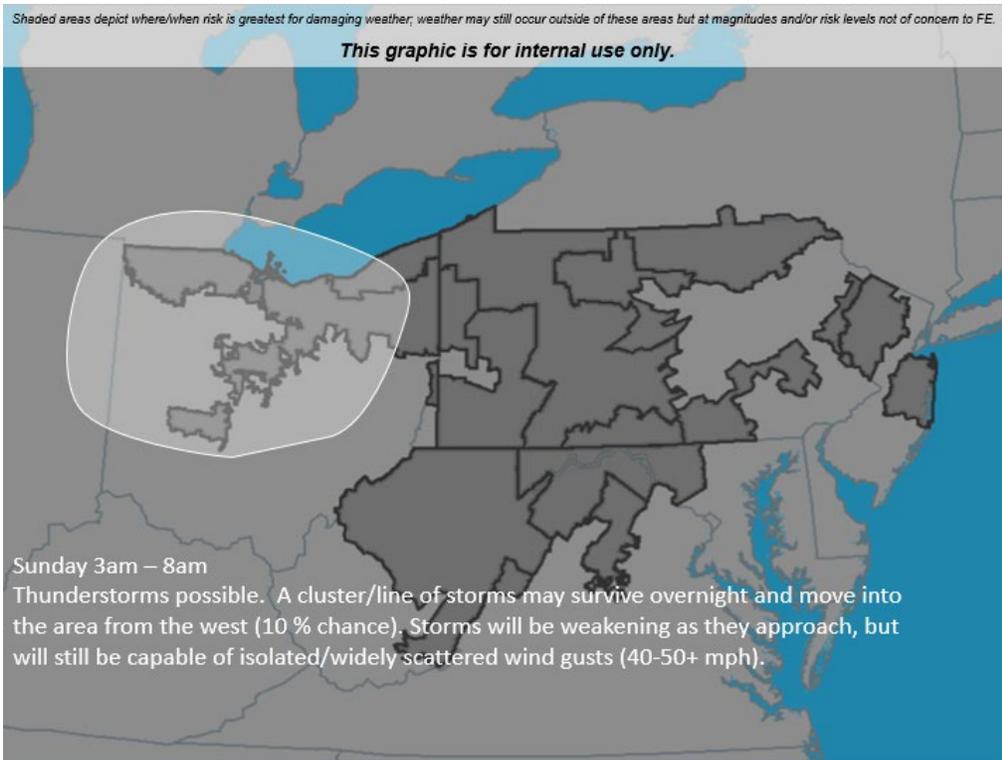
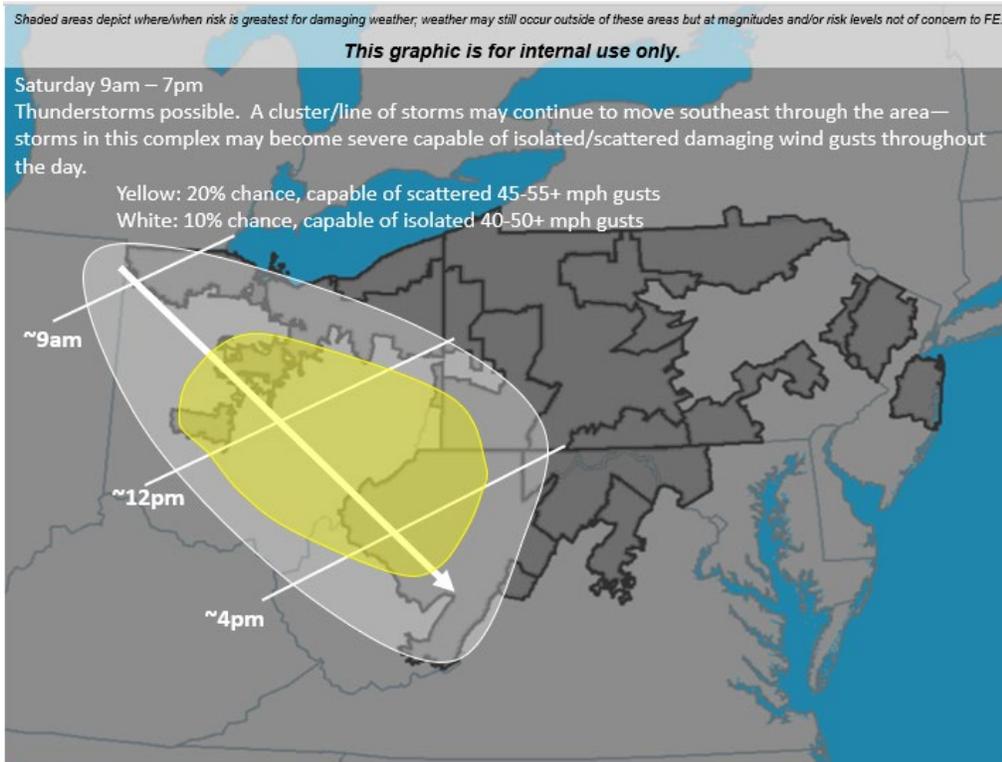
Monday—A new round of storms is expected to develop ahead of the cold front Monday afternoon, across areas of eastern FE. The nature/timing of this threat is still uncertain at this moment, given all the potential storm activity expected ahead of it on Saturday and Sunday—but conditions appear favorable to support storms with at least scattered damaging gusts Monday afternoon/evening.

See graphics below for further information.

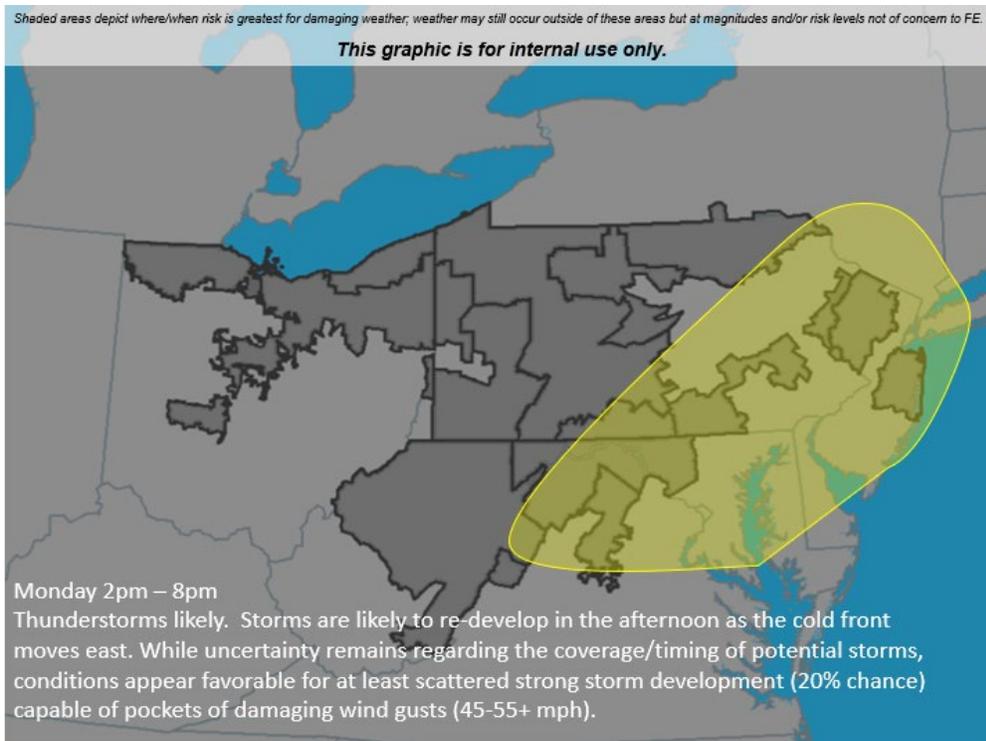
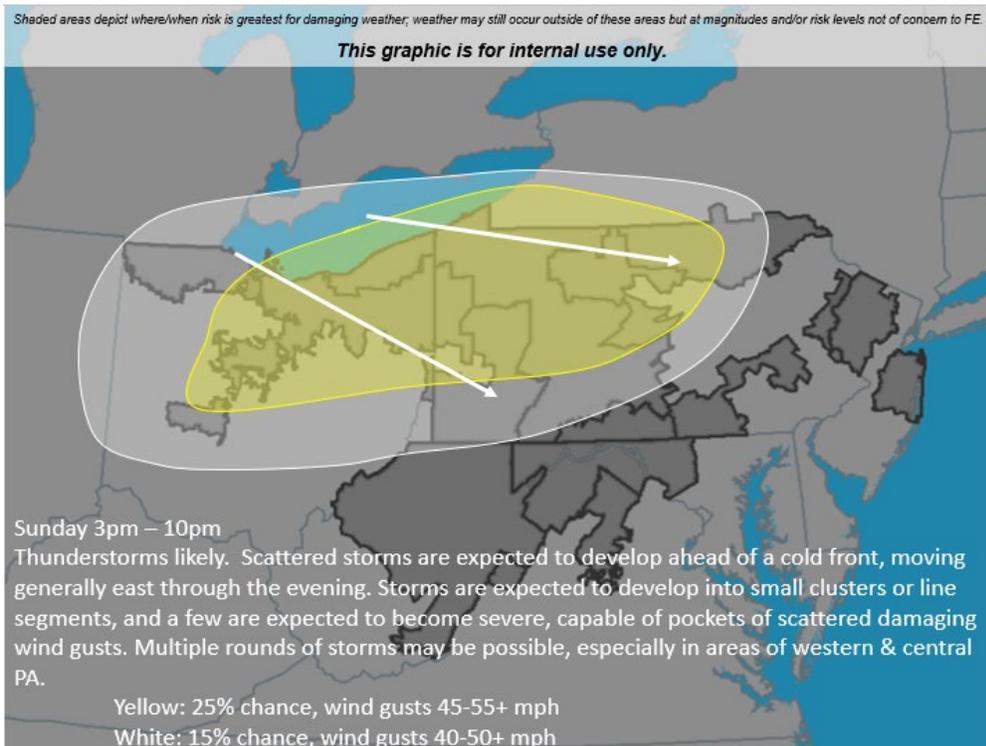
Next Update by 11am Sunday

Workoff – 716 397 4430

Penelec Storm Report



Penelec Storm Report



Saturday July 23, 2022 @ 1152

Update:

Increased the threat for areas of OH, western WV and western PA for this afternoon/evening, as a well-established line of severe storms moves through the area. Given the heat and humidity, storms should be able to maintain their intensity for the next several hours as they move generally eastward. This complex of storms has a history of intermittent 45-60 mph gusts over the past 4-6 hours and scattered/widespread damaging gusts will be continuing to be possible throughout the afternoon and into the evening.

There are no other changes to the forecast (Sunday/Monday) at this time (below).

See updated top graphic for further information.

Sunday--

Part A) A complex of thunderstorms is expected to approach OH early Sunday morning. Storms will be weakening as they approach, but if storms are able to survive to the OH border, isolated damaging gusts will be possible across western OH early Sunday.

Part B) A new round of storms is expected to develop ahead of a cold front Sunday afternoon across areas of OH and PA. This development may feature multiple rounds of storms—and a few clusters or small line segments are possible as storms organize and move east throughout the evening. Severe storm development looks likely with this round of storms, and pockets of damaging wind gusts will be possible.

Monday—A new round of storms is expected to develop ahead of the cold front Monday afternoon, across areas of eastern FE. The nature/timing of this threat is still uncertain at this moment, given all the potential storm activity expected ahead of it on Saturday and Sunday—but conditions appear favorable to support storms with at least scattered damaging gusts Monday afternoon/evening.

Next Update by 11am Sunday

Workoff – 716 397 4430

Penelec Storm Report

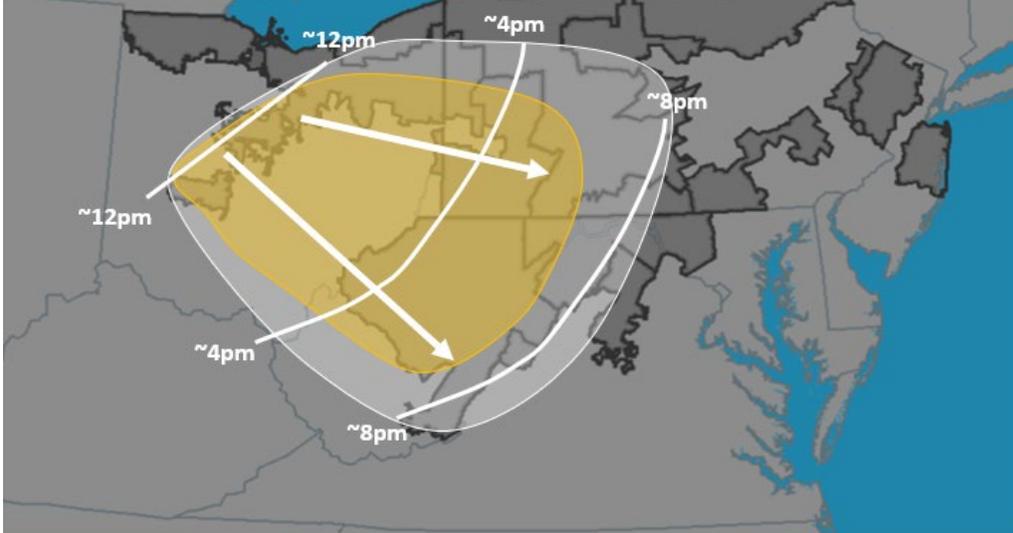
Shaded areas depict where/when risk is greatest for damaging weather; weather may still occur outside of these areas but at magnitudes and/or risk levels not of concern to FE.

This graphic is for internal use only.

Saturday 12pm – 9pm

Thunderstorms likely. A line of strong/severe storms will continue to move southeast through the area— Storms in this complex will likely maintain strength through the day. Scattered, and potentially widespread, pockets of damaging gusts are possible, especially in the yellow area.

Orange: 30% chance, capable of scattered 45-55+ mph gusts, with isolated 60+ mph gusts possible
White: 15% chance, capable of isolated 40-50+ mph gusts



Shaded areas depict where/when risk is greatest for damaging weather; weather may still occur outside of these areas but at magnitudes and/or risk levels not of concern to FE.

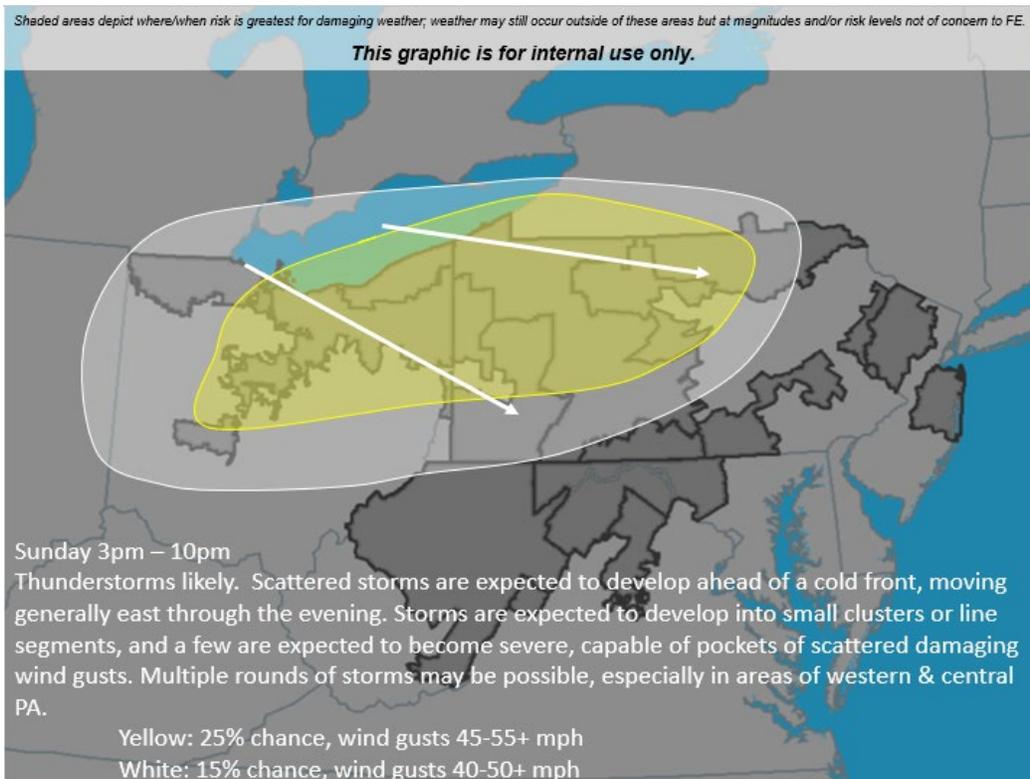
This graphic is for internal use only.



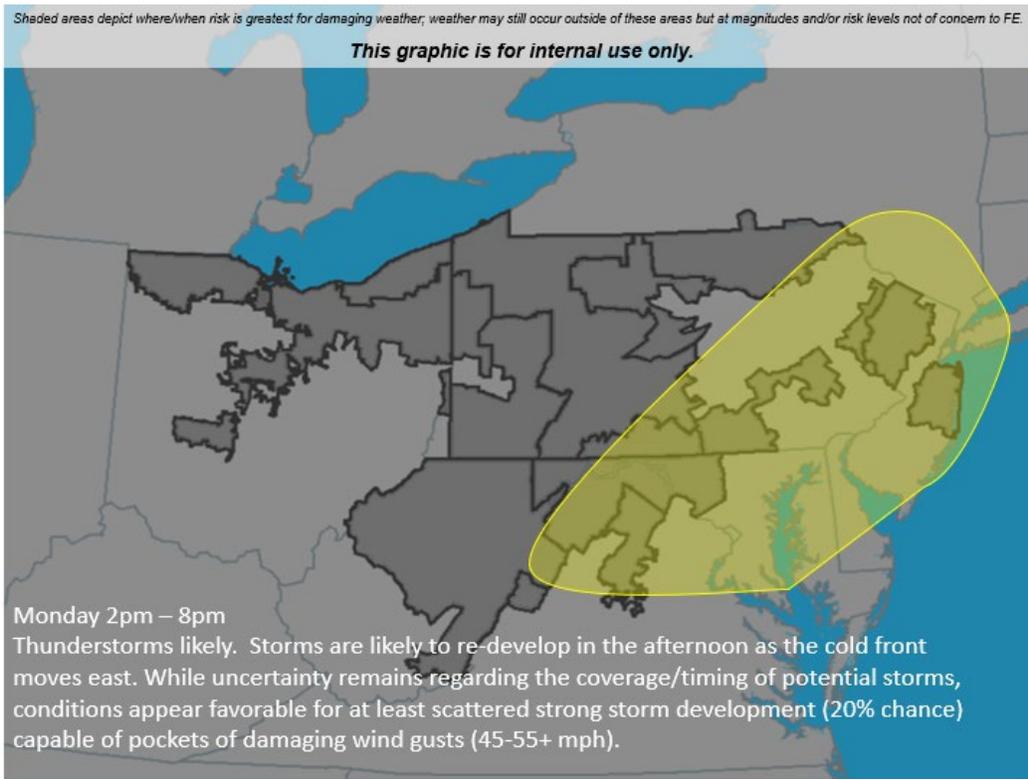
Sunday 3am – 8am

Thunderstorms possible. A cluster/line of storms may survive overnight and move into the area from the west (10 % chance). Storms will be weakening as they approach, but will still be capable of isolated/widely scattered wind gusts (40-50+ mph).

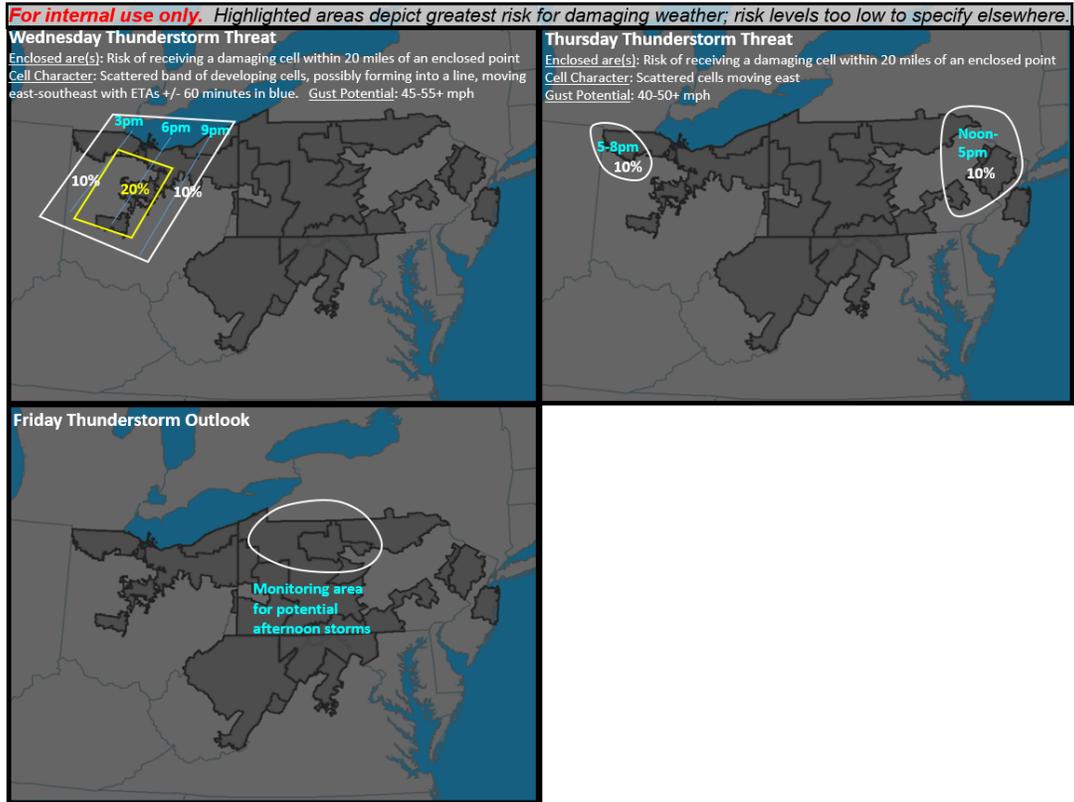
Penelec Storm Report



Penelec Storm Report



Penelec Storm Report



July 23, 2022 @ 1610

Update:

Regarding ongoing line of severe storms in central FE— increased risk and expanded east the risk of damaging gusts to include areas of MD and central/eastern PA this evening. Current trends are showing the line of storms maintaining intensity while accelerating this afternoon-- with faster motion, the risk of damaging gusts will extend farther east than originally expected this evening.

There are no other changes to the forecast (Sunday/Monday) at this time (below).

See updated top graphic for further information.

Sunday--

Part A) A complex of thunderstorms is expected to approach OH early Sunday morning. Storms will be weakening as they approach, but if storms are able to survive to the OH border, isolated damaging gusts will be possible across western OH early Sunday.

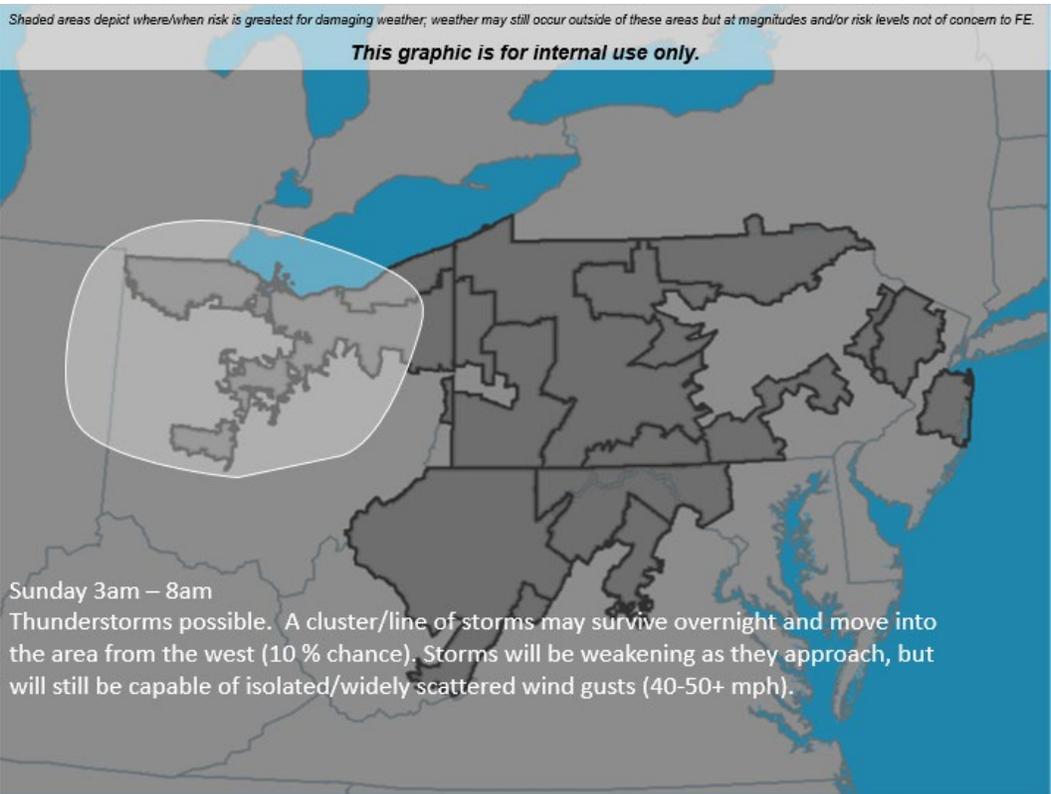
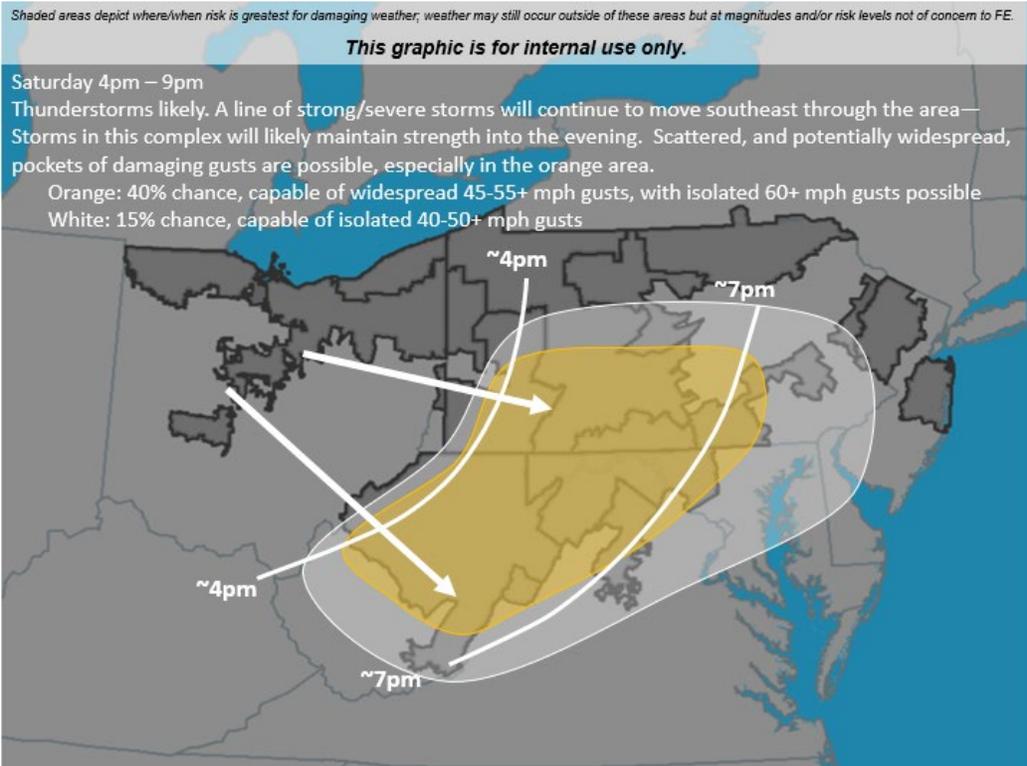
Part B) A new round of storms is expected to develop ahead of a cold front Sunday afternoon across areas of OH and PA. This development may feature multiple rounds of storms—and a few clusters or small line segments are possible as storms organize and move east throughout the evening. Severe storm development looks likely with this round of storms, and pockets of damaging wind gusts will be possible.

Monday—A new round of storms is expected to develop ahead of the cold front Monday afternoon, across areas of eastern FE. The nature/timing of this threat is still uncertain at this moment, given all the potential storm activity expected ahead of it on Saturday and Sunday—but conditions appear favorable to support storms with at least scattered damaging gusts Monday afternoon/evening.

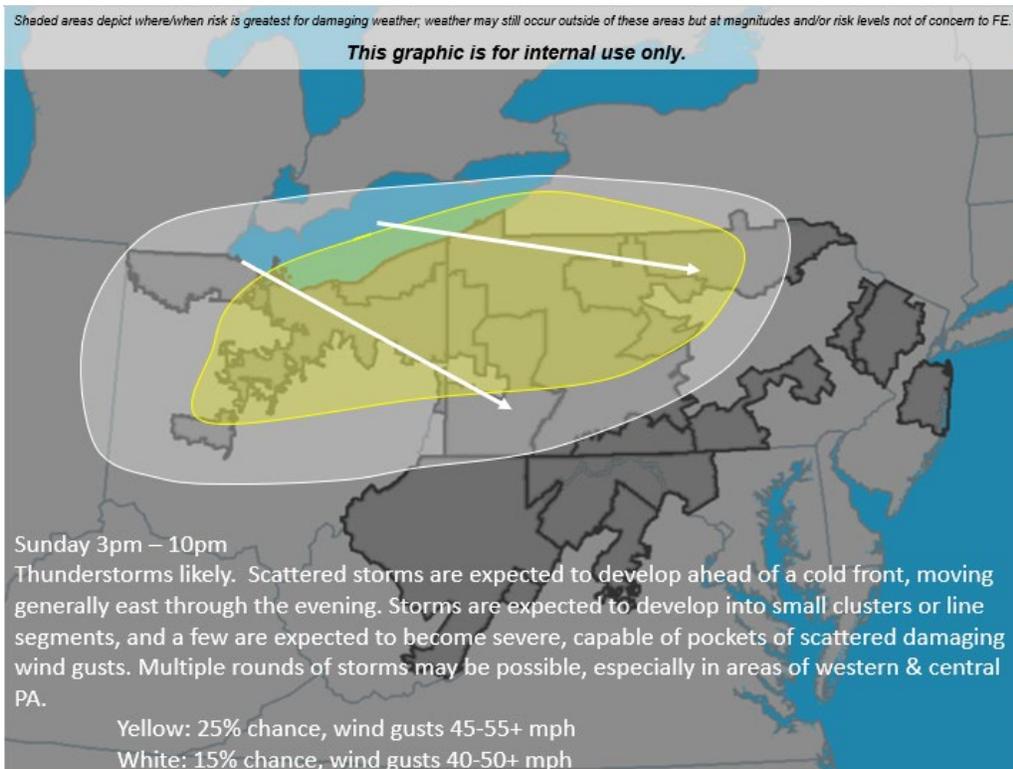
Next Update by 11am Sunday

Workoff – 716 397 4430

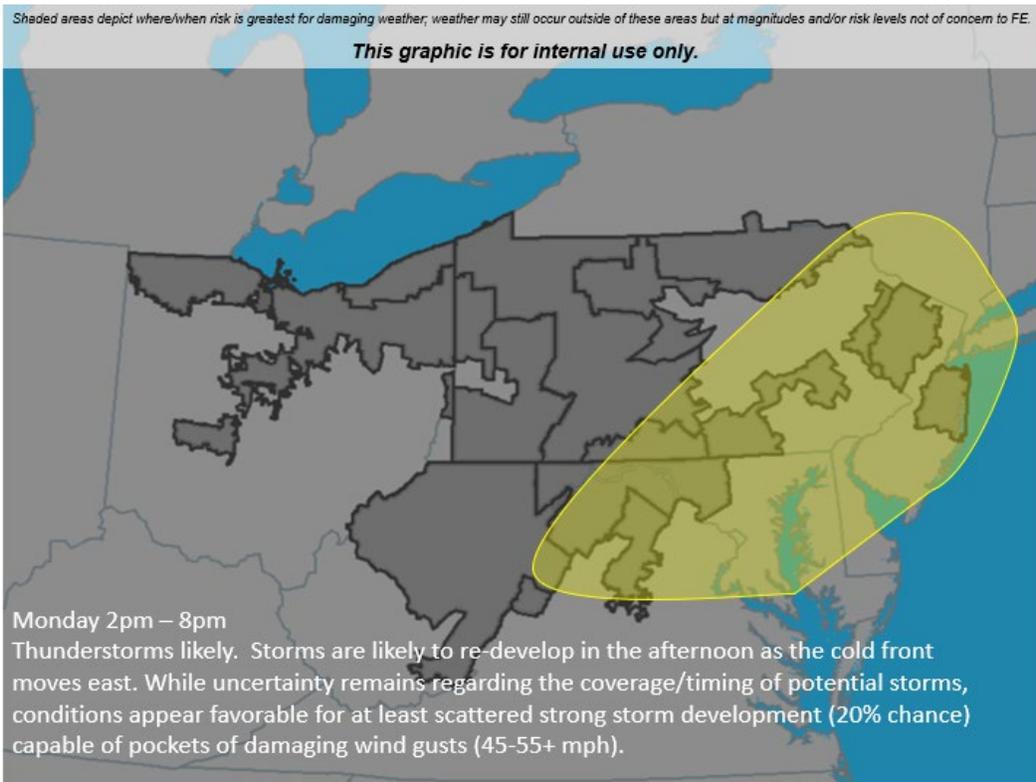
Penelec Storm Report



Penelec Storm Report



Penelec Storm Report



Saturday July 23, 2022 @ 1753

Update:

Updated remaining threat due to line of storms for the rest of Saturday evening. While the line is expected to gradually weaken over the next 1-3 hours, occasional damaging gusts will remain possible.

Also updated risk for overnight storm chances in OH—adjusted timing a bit earlier, and slightly increased the risk for damaging gust in portions of northwest OH early Sunday morning.

There are no other changes to the forecast at this time.

See updated top graphics for further information.

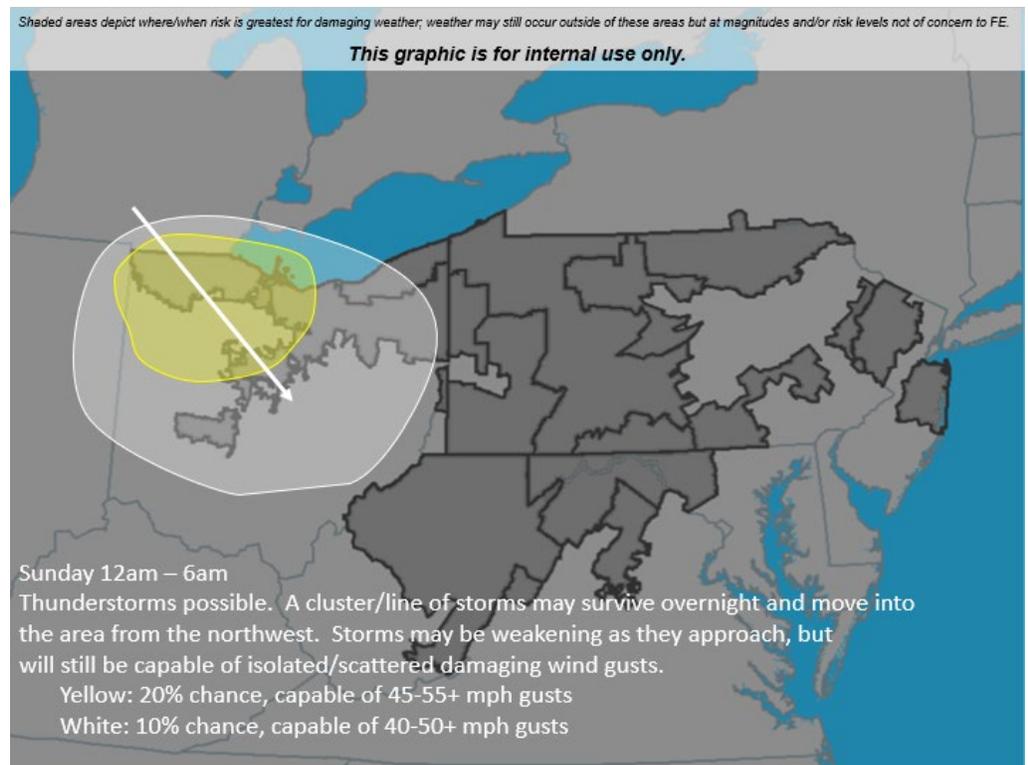
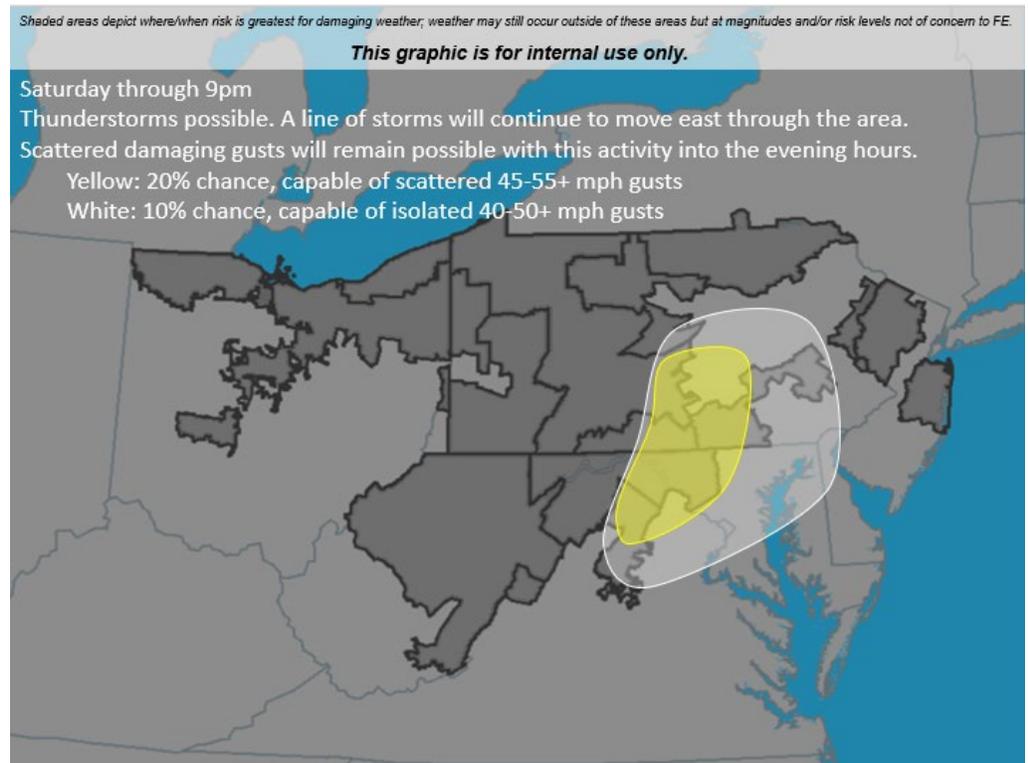
Part B) A new round of storms is expected to develop ahead of a cold front Sunday afternoon across areas of OH and PA. This development may feature multiple rounds of storms—and a few clusters or small line segments are possible as storms organize and move east throughout the evening. Severe storm development looks likely with this round of storms, and pockets of damaging wind gusts will be possible.

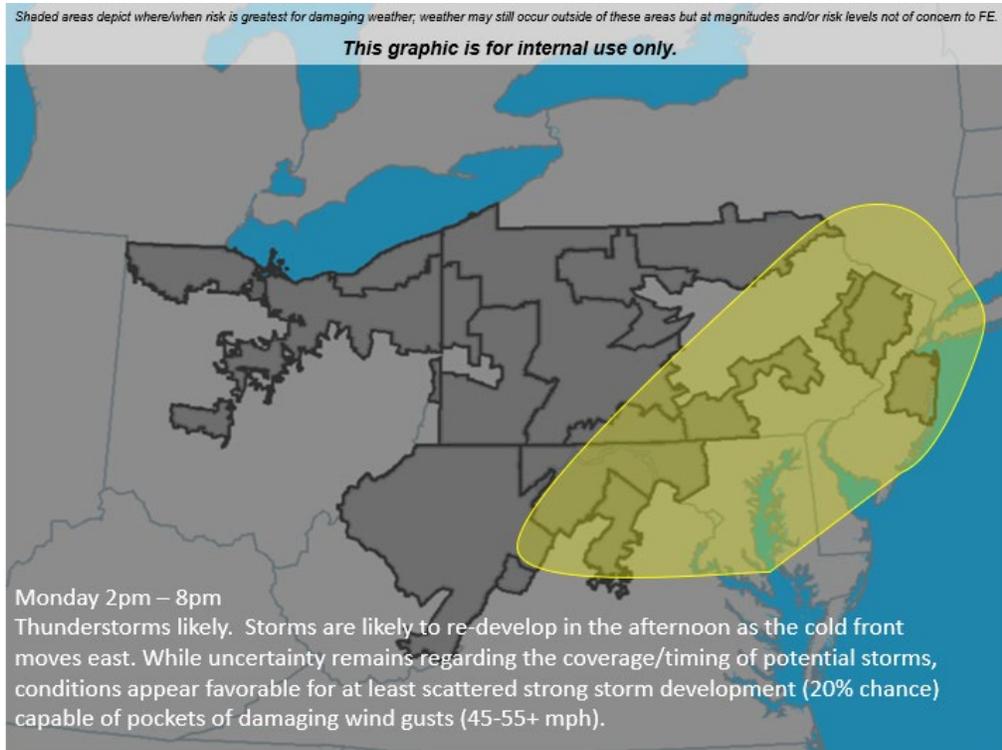
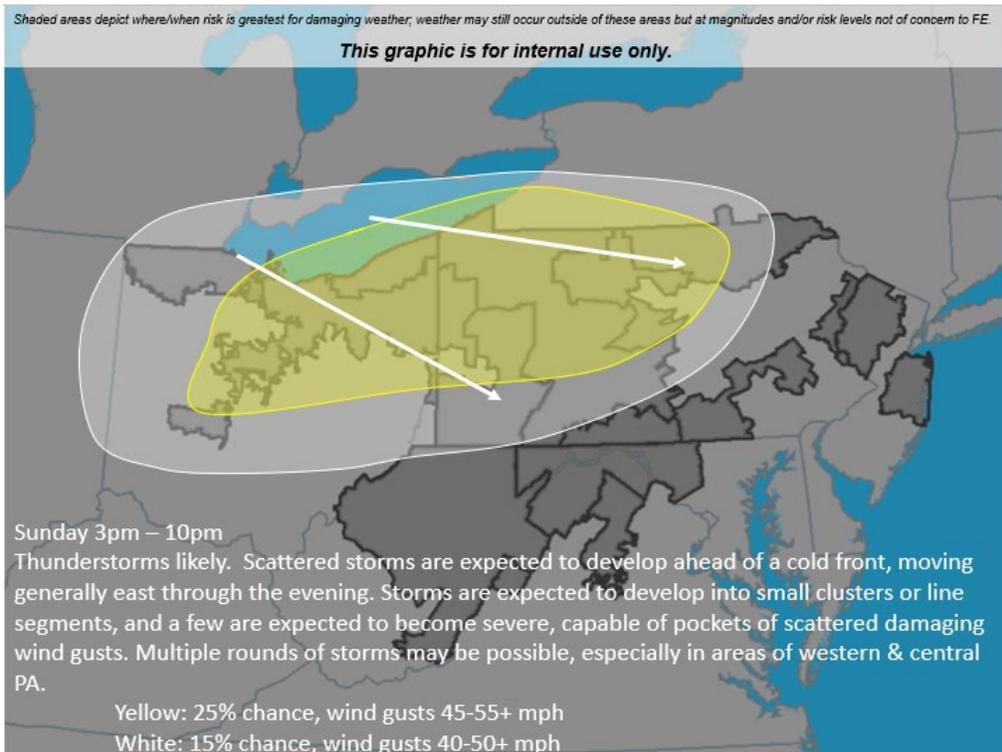
Monday—A new round of storms is expected to develop ahead of the cold front Monday afternoon, across areas of eastern FE. The nature/timing of this threat is still uncertain at this moment, given all the potential storm activity expected ahead of it on Saturday and Sunday—but conditions appear favorable to support storms with at least scattered damaging gusts Monday afternoon/evening.

Next Update by 11am Sunday

Workoff – 716 397 4430

Penelec Storm Report





Sunday July 24, 2022 @ 0906

Update:

Sunday--

Two separate rounds of thunderstorms are possible this afternoon/evening:

- A) Scattered pockets of strong storms are possible across northern FE this afternoon, although this activity is relatively uncertain given potential intermittent cloud cover throughout the day.
- B) A second storm risk is expected this evening across western/northern FE, as a cold front moves into the area. A few clusters/small line segments capable of damaging wind gusts will be possible throughout the evening. However, there is a bit of uncertainty regarding this storm activity as well, as potential storm activity this afternoon may impact the timing/intensity of potential storms this evening. Timing/risk may need to be updated later this afternoon as things unfold.

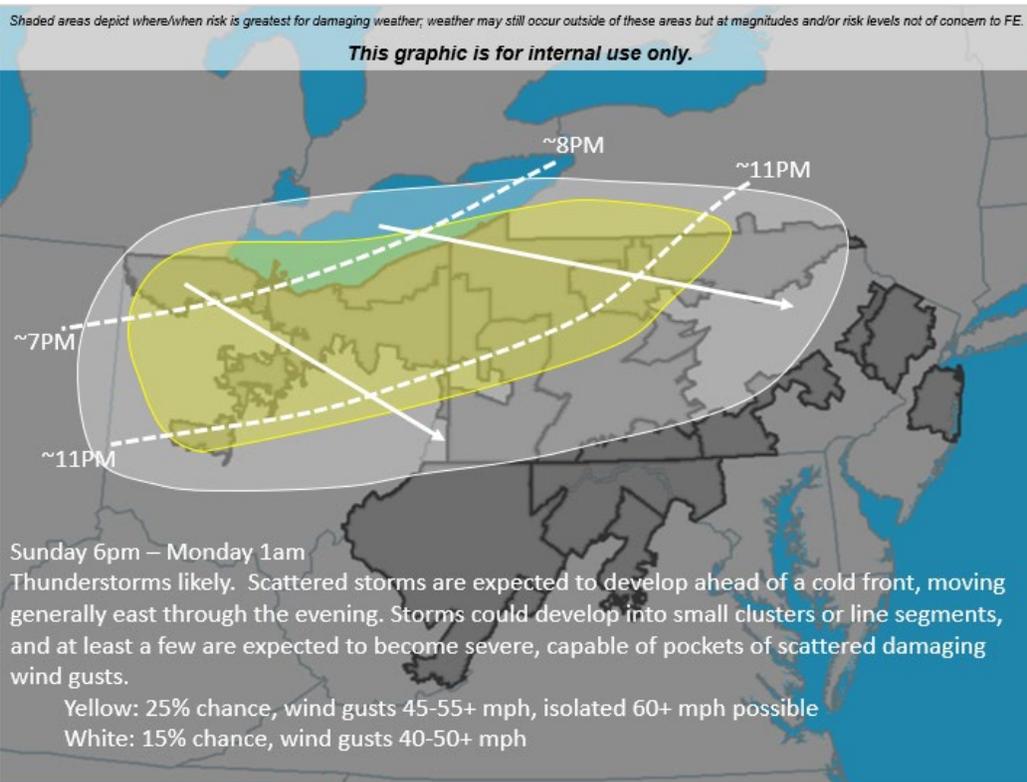
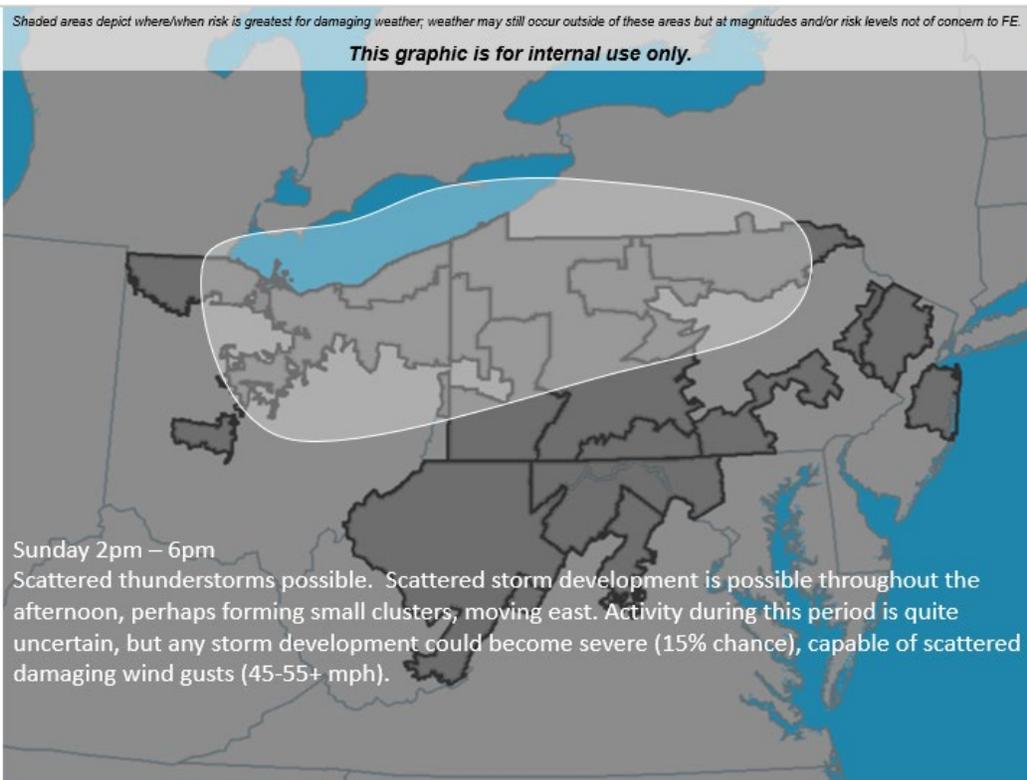
Monday—A new round of storms is expected to develop ahead of the cold front Monday afternoon across areas of eastern FE. Scattered storms—likely in small clusters or small line segments—are expected to develop throughout the afternoon. These will be capable of at least scattered damaging wind gusts as they move east.

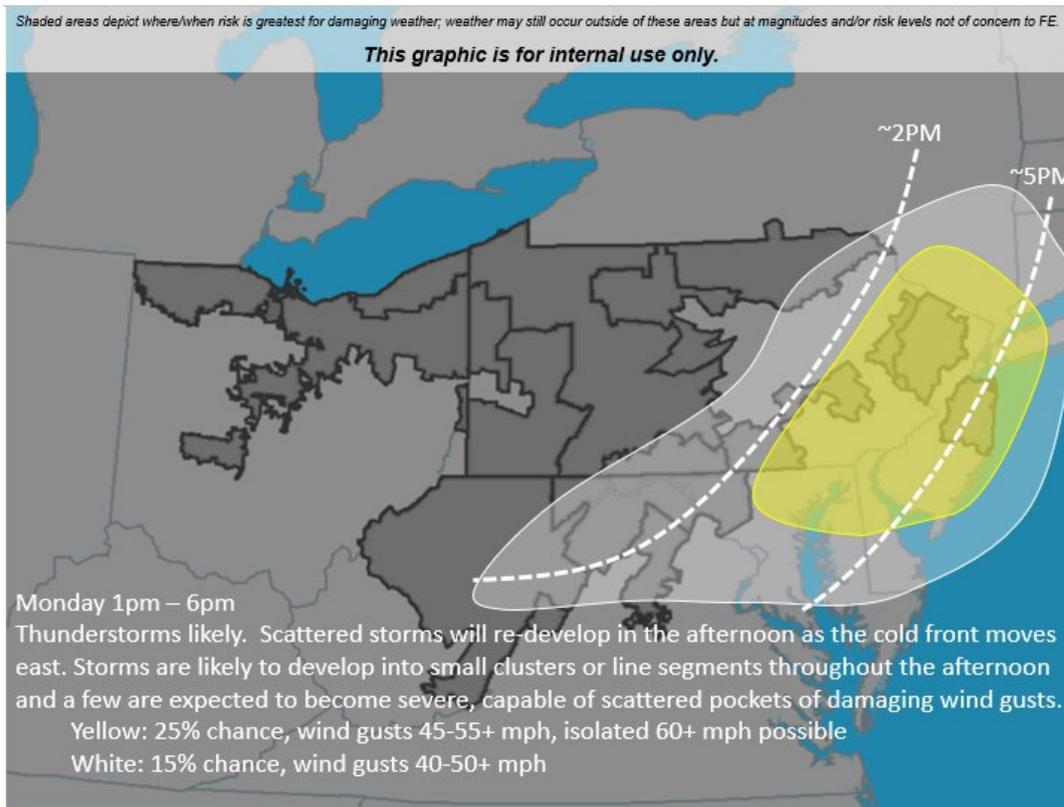
See graphics below for further information.

Next Update by 11am Monday

Workoff – 716 397 4430

Penelec Storm Report





Sunday July 24, 2022 @ 1300

Update:

Sunday--

Slight adjustments to the forecast area this afternoon; scattered strong storms remain possible across portions of northern OH and northern PA later this afternoon into the early evening.

Also made adjustments to storms associated with the cold front later this evening—pushing timing back slightly, and reduced the threat area across central PA.

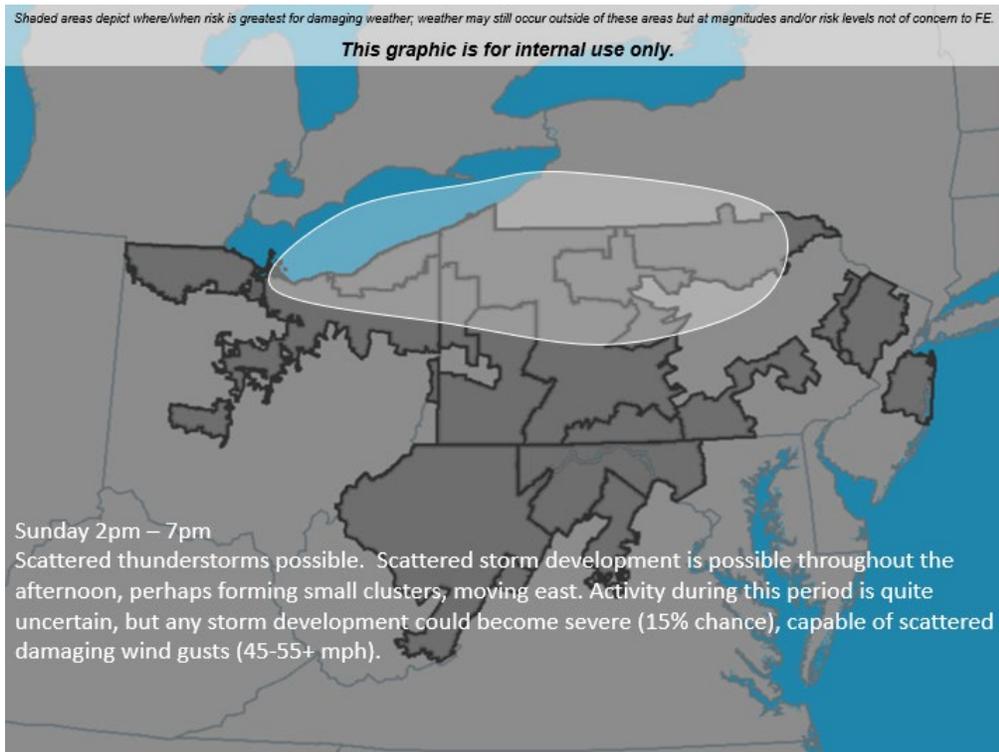
No changes to Monday’s forecast at this time.

See updated top two graphics below for further information.

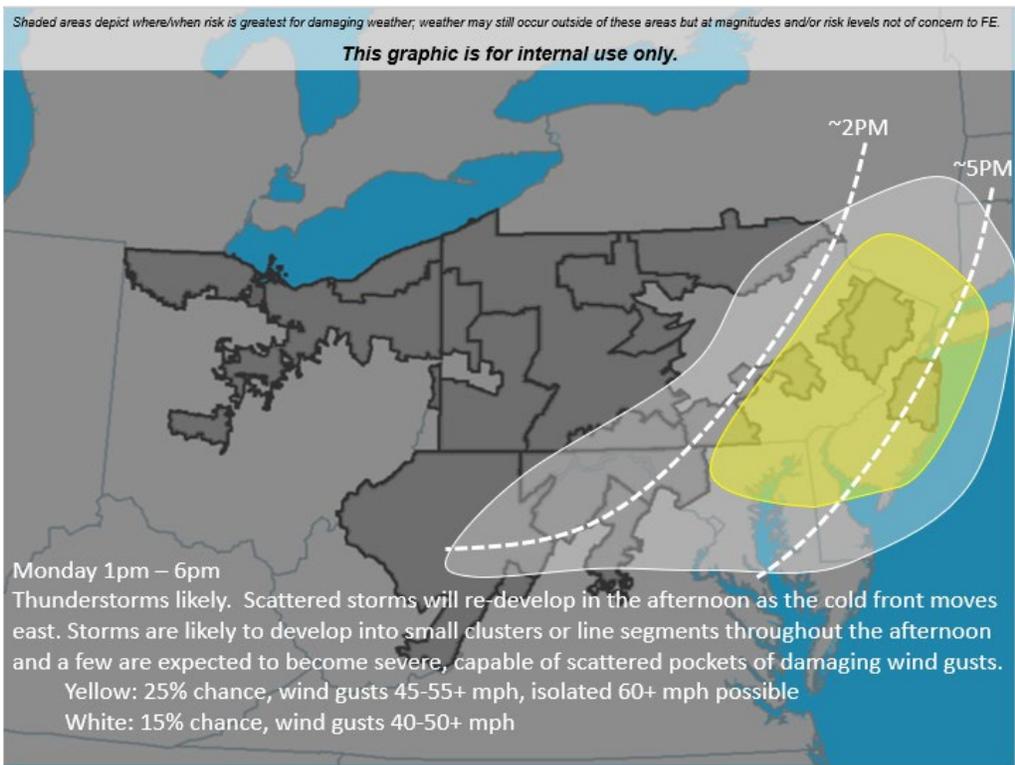
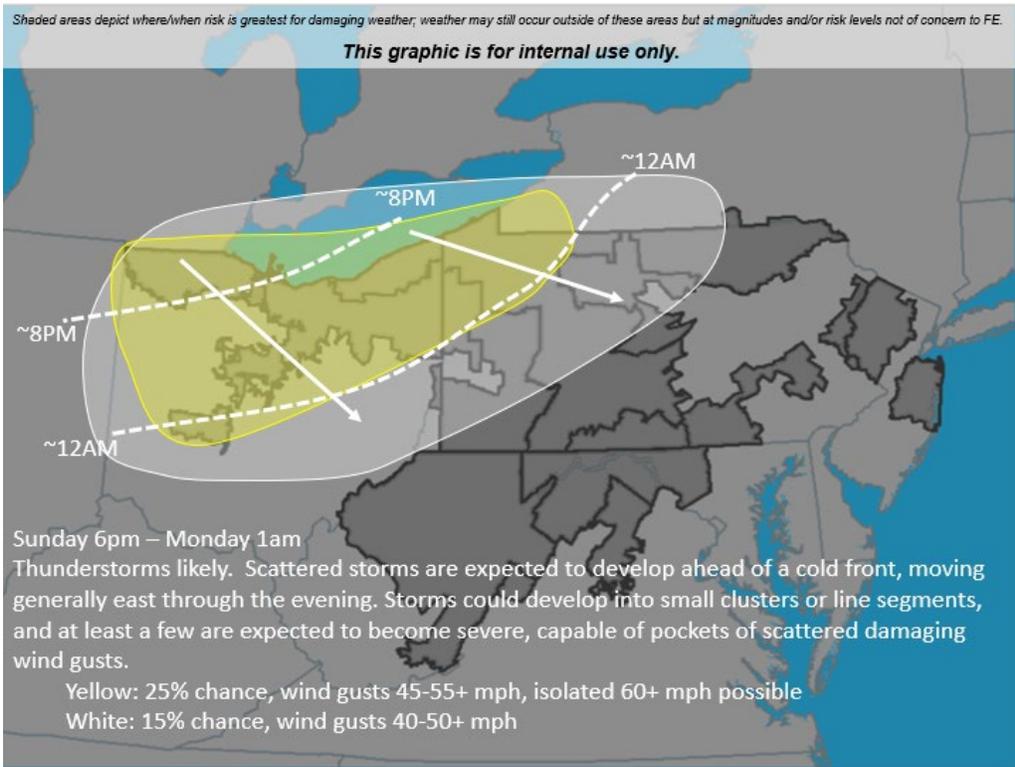
Monday—A new round of storms is expected to develop ahead of the cold front Monday afternoon across areas of eastern FE. Scattered storms—likely in small clusters or small line segments—are expected to develop throughout the afternoon. These will be capable of at least scattered damaging wind gusts as they move east.

Next Update by 11am Monday

Workoff – 716 397 4430



Penelec Storm Report



Sunday July 24, 2022 @ 1722

Update:

Sunday--

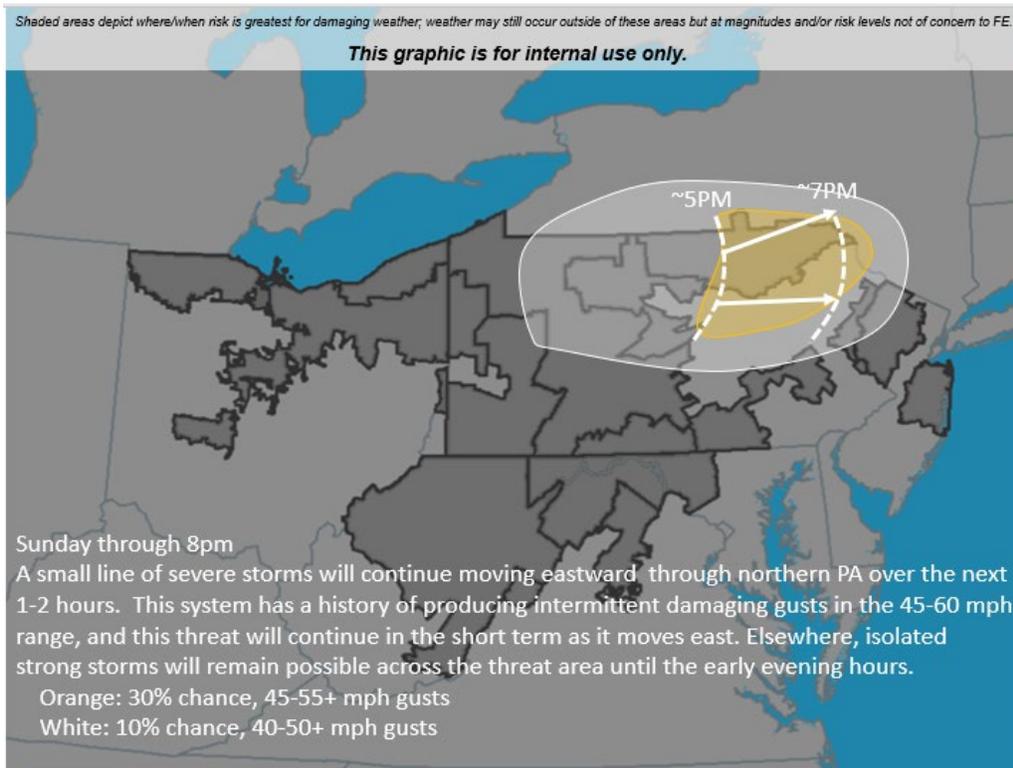
Updated damaging wind gust risk due to a small, but impactful, line of storms that continues to move through northern PA this afternoon. Risk of damaging gusts was increased for northern PA, and the risk area was extended slightly east into northeastern PA and northern NJ to account for the fact that fast storm motion may allow this system to reach these areas while weakening this evening.

No changes to Sunday evening's or Monday's forecast at this time.

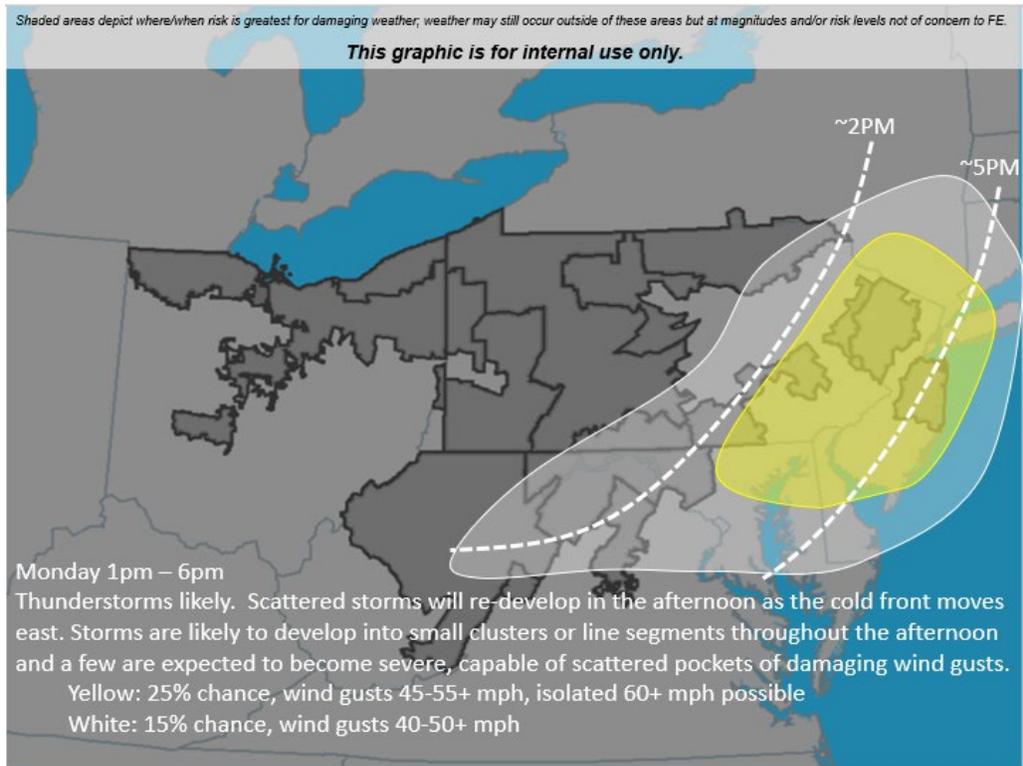
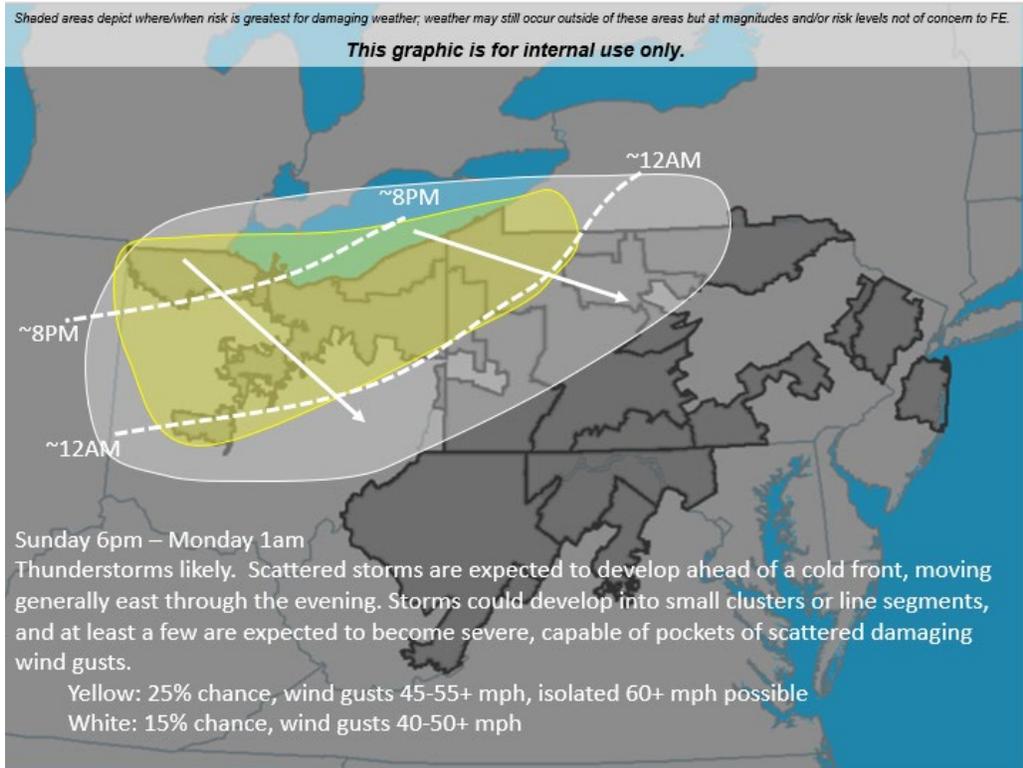
See updated top graphic below for further information.

Next Update by 11am Monday

Workoff – 716 397 4430



Penelec Storm Report



Monday July 25, 2022 @ 0859

Update:

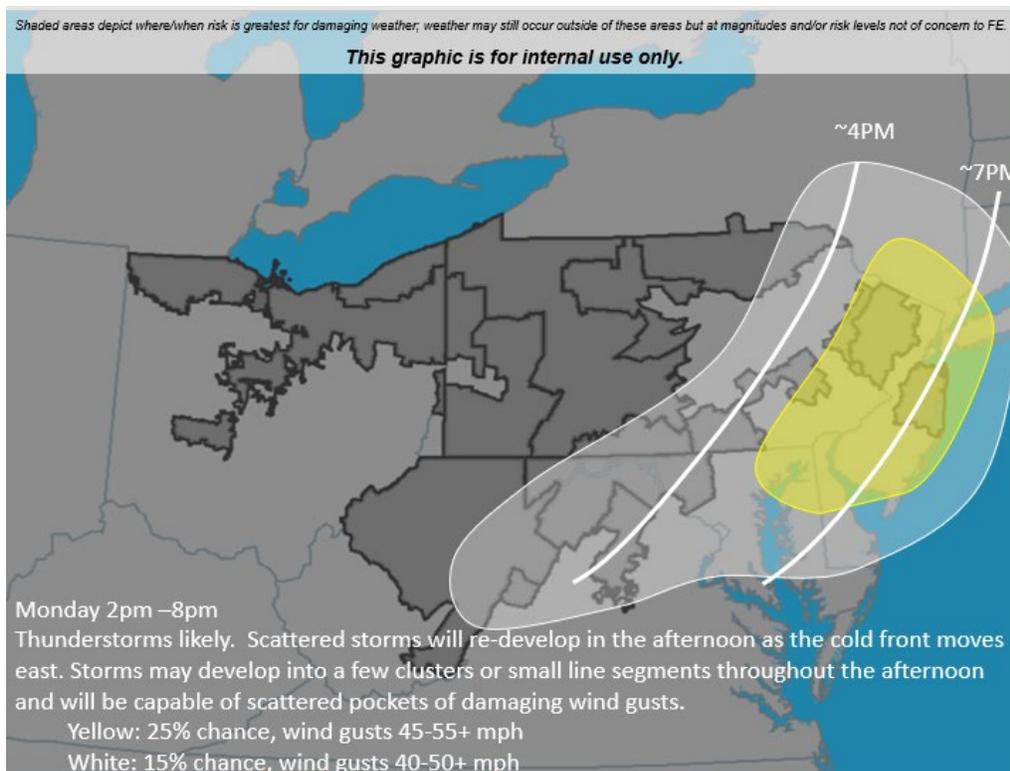
Monday—Small updates to the forecast, mainly to push the timing of storm development back a few hours. A few isolated strong storms will be possible across central and eastern PA during the 9-12pm period, but any activity is expected to be very isolated. Heavier storm coverage will re-develop this afternoon ahead of the cold front. Storms are expected to be scattered, but a few small line segments are possible, which will increase the risk of damaging gusts.

Tuesday—added forecast for isolated strong storms across southern WV during the afternoon.

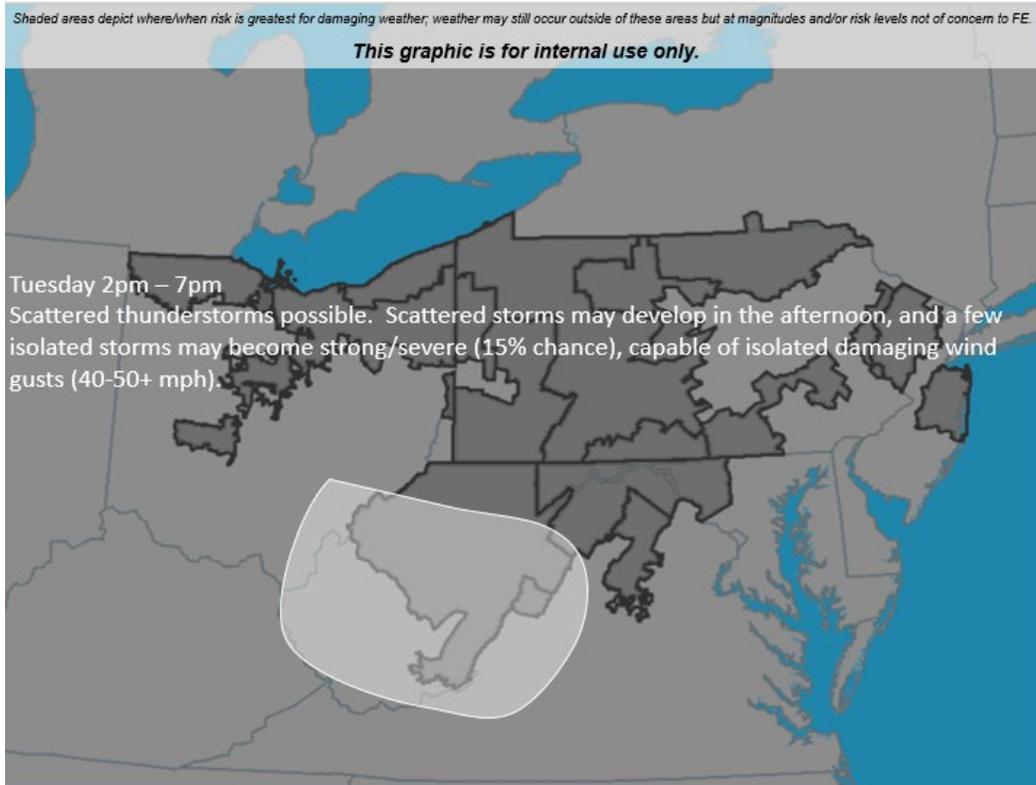
See graphics below for further information.

Next Update by 11am Tuesday

Workoff – 716 397 4430



Penelec Storm Report



Monday July 25, 2022 @ 1237

Update:

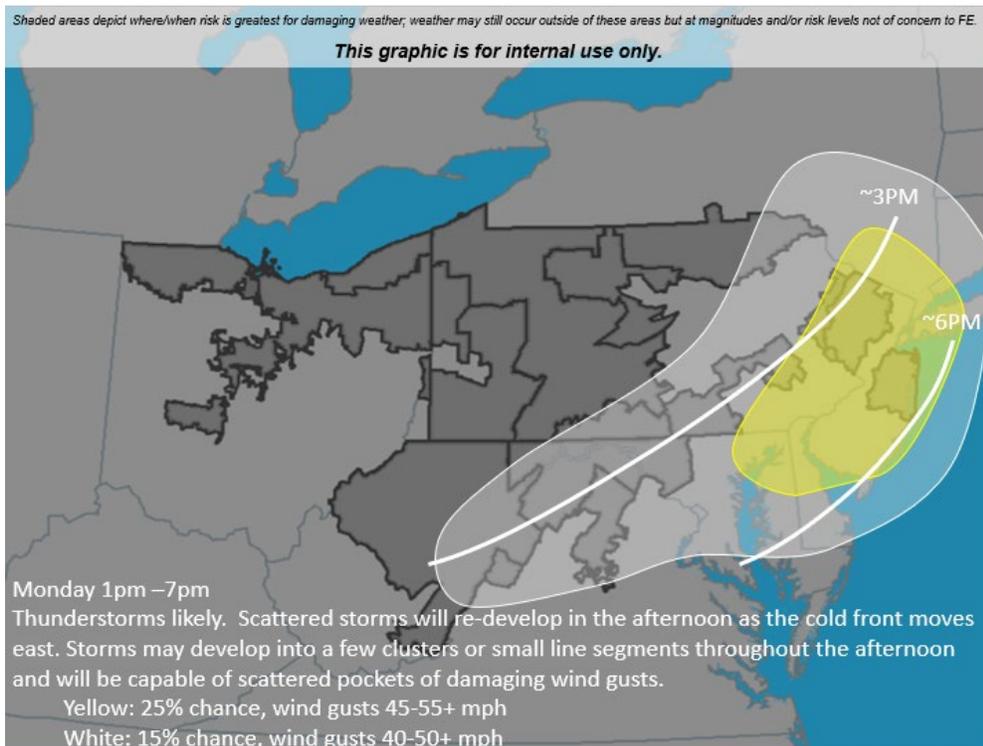
Monday—updated approximate timing of potential storms. Otherwise, no changes.

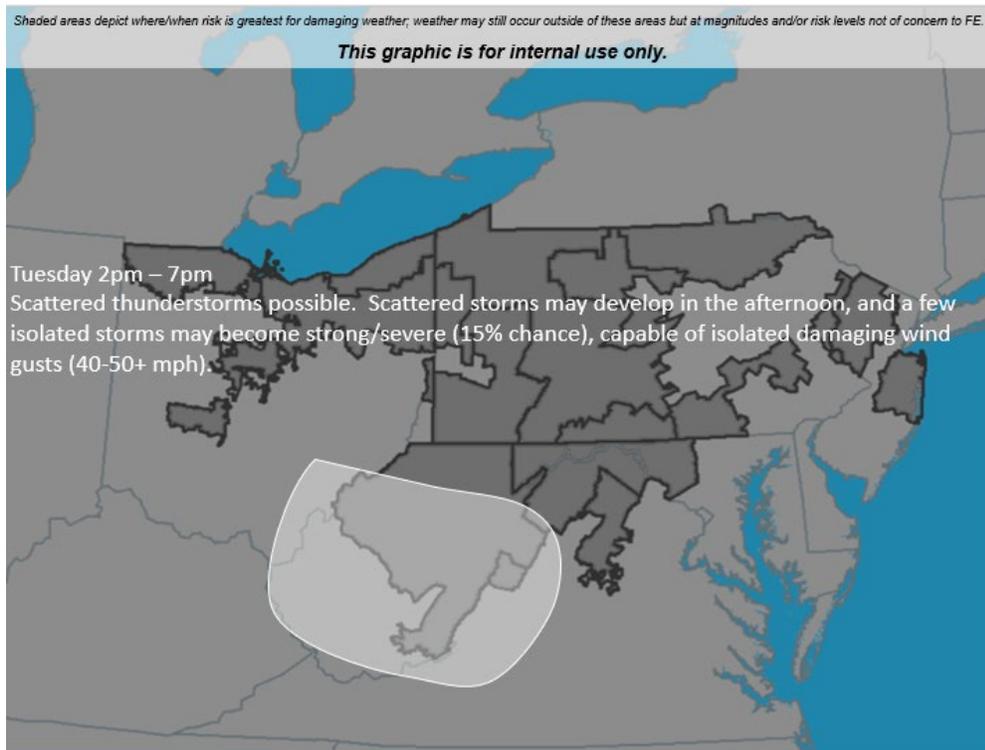
No changes to Tuesday’s forecast at this time.

See updated top graphic for further information.

Next Update by 11am Tuesday

Workoff – 716 397 4430





Monday July 25, 2022 @ 1556

Update:

Monday—reduced thunderstorm threat across far eastern FE given current trends. The greatest risk will be focused across central NJ over the next 1-2 hours.

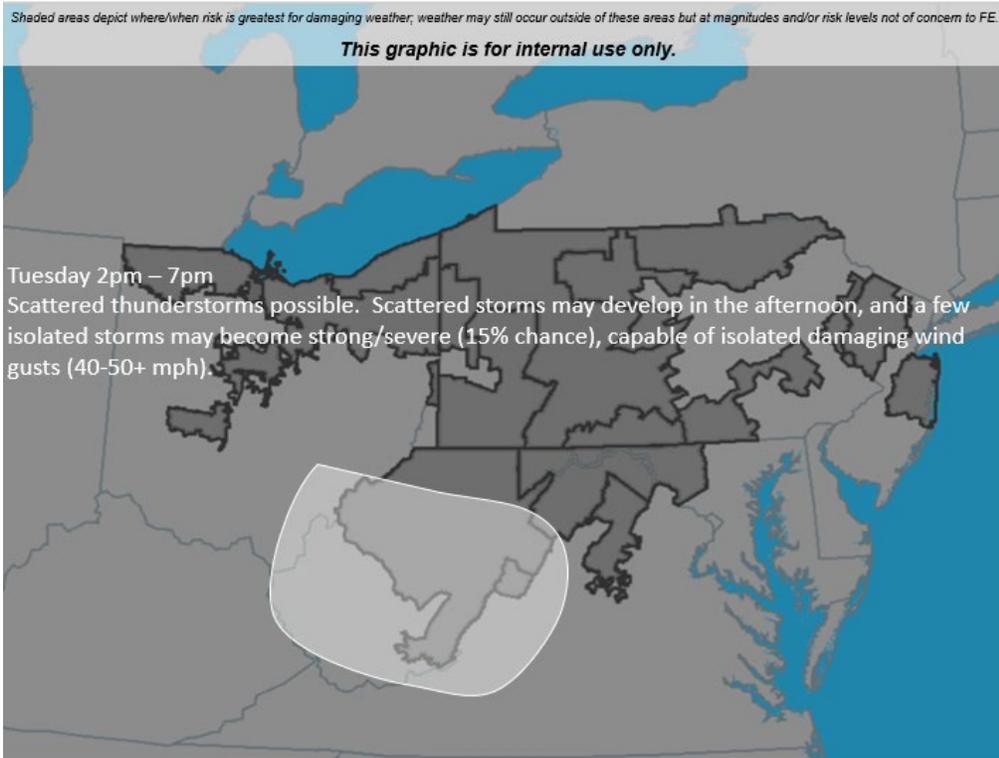
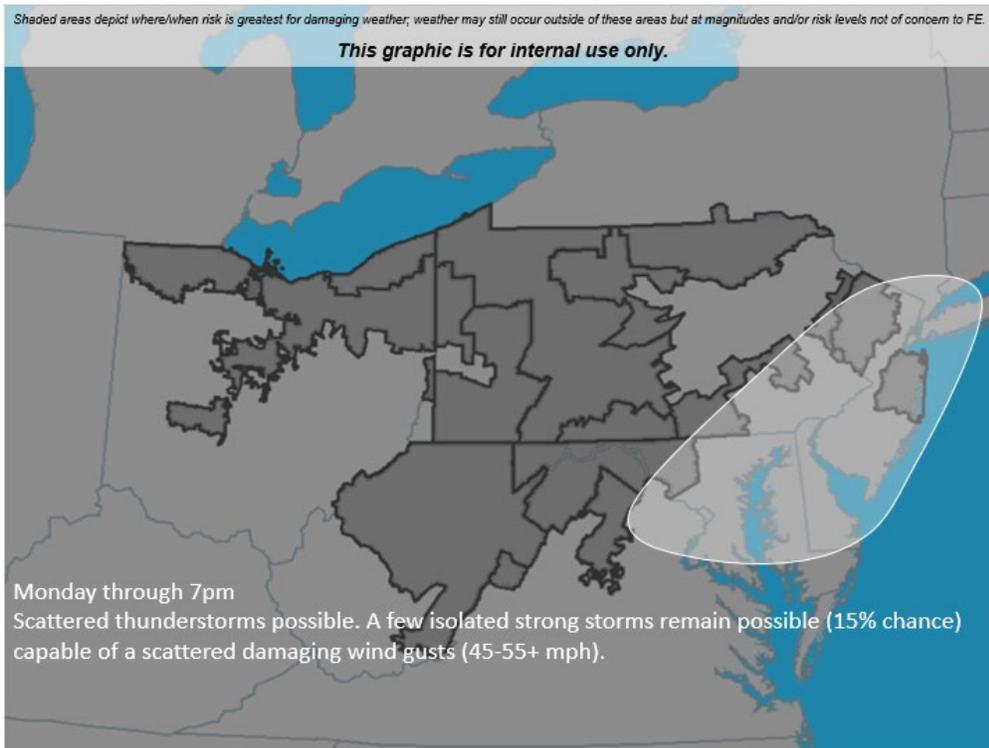
No changes to Tuesday’s forecast at this time.

See updated top graphic for further information.

Next Update by 11am Tuesday

Workoff – 716 397 4430

Penelec Storm Report



Tuesday July 26, 2022 @ 0754

Update:

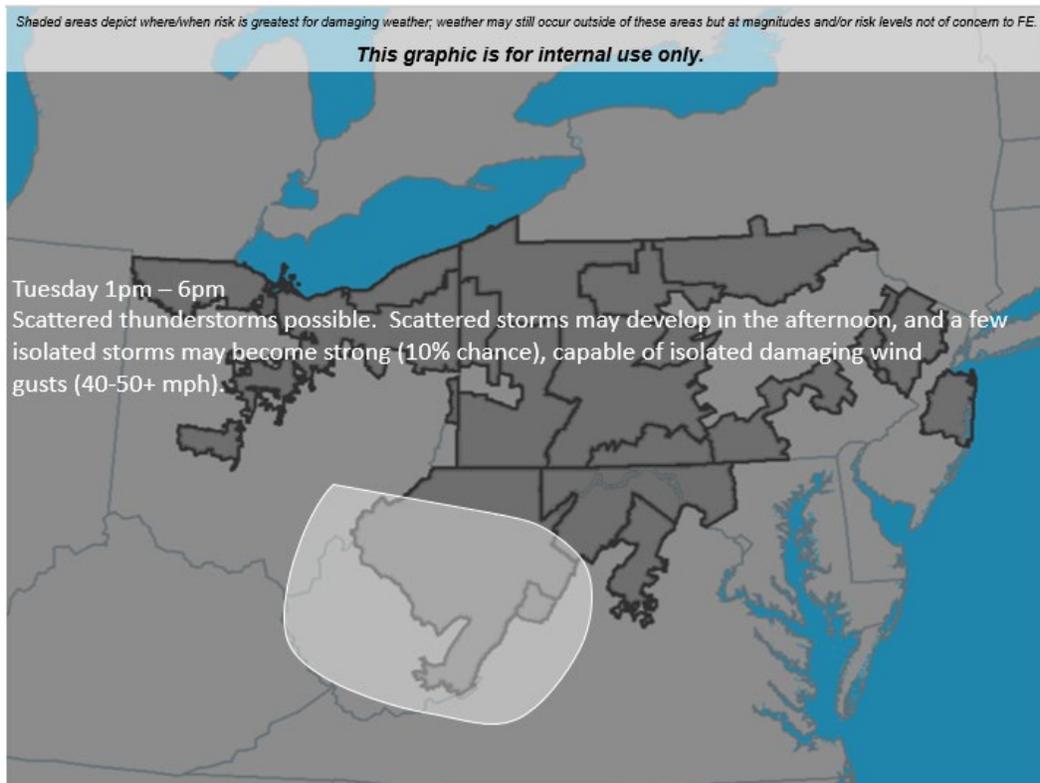
Tuesday—slight changes, with a slight reduction in the risk of a few strong storms, and a slight adjustment to timing. A few waves of heavier rain will move through southern FE this afternoon, a few strong storms may be imbedded.

Wednesday—added a risk of isolated/scattered storms in the afternoon for southern FE. This situation will be similar to today’s forecast due to a stalled front that will create similar conditions across southern FE tomorrow—but the risk of stronger storms appears to be slightly higher, and over a larger area of the FE footprint.

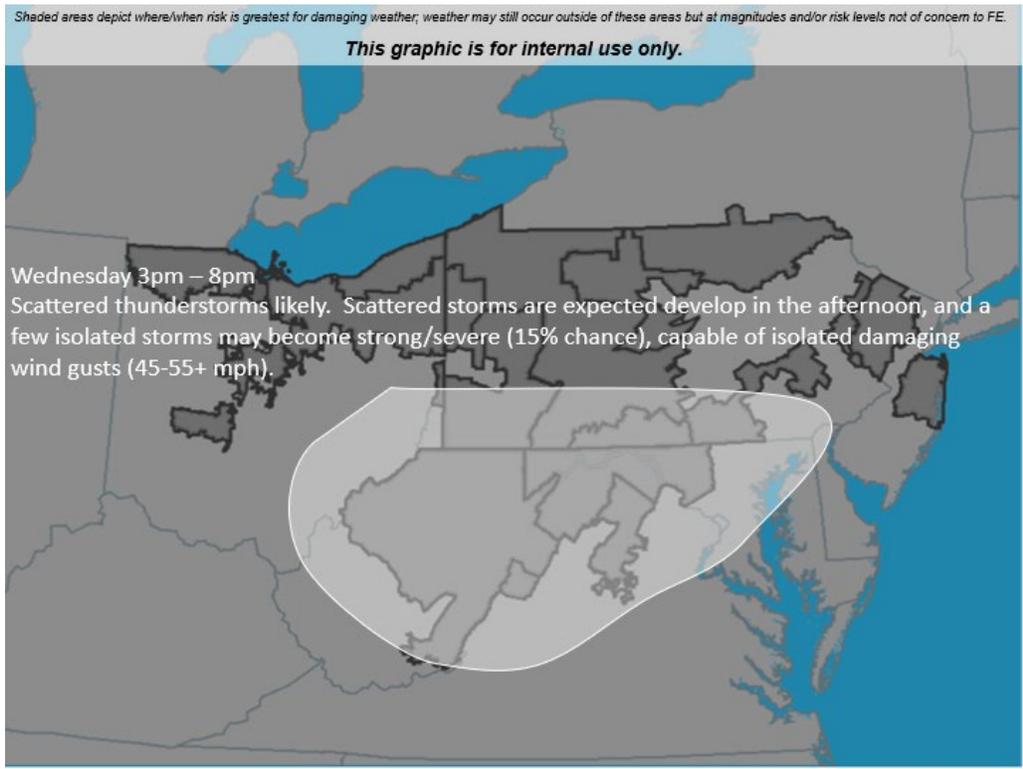
See graphics below for further information.

Next Update by 11am Wednesday.

Workoff – 716 397 4430



Penelec Storm Report



Wednesday July 27, 2022 @ 0907

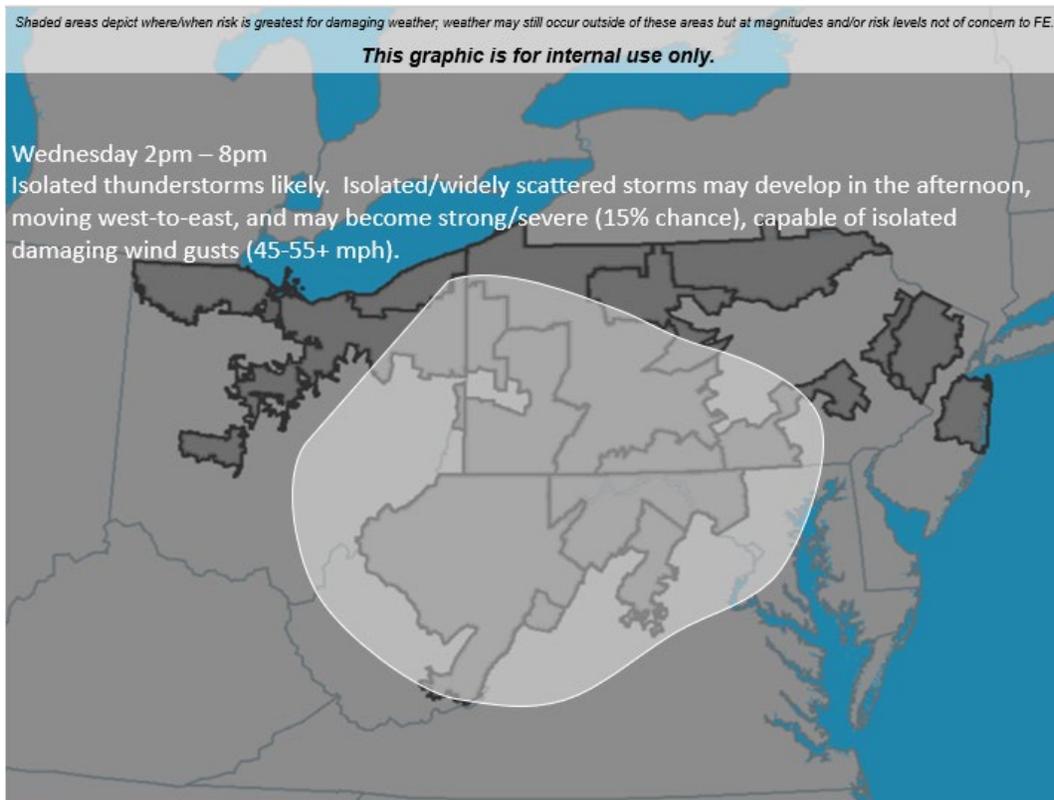
Update:

Small updates to the forecast for today. Storms will be widely scattered this afternoon, but a few may be capable of a few damaging wind gusts.

See graphic below for further information.

Last Scheduled Update

Workoff – 716 397 4430



Thursday July 28, 2022 @ 0922

New Issuance:

Isolate/widely scattered storms will develop ahead a slow moving ‘cool’ front this afternoon. While storms are expected to be isolated, those that do form could be capable of a few damaging wind gusts as the afternoon moves along.

See graphic below for further information.

Last Scheduled Update

Workoff – 716 397 4430

