

Tori L. Giesler, Esq.
(610) 921-6658
(330) 315-9263 (Fax)

August 27, 2021

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 August 11, 2021 that caused multiple service interruptions in the Penelec service territory.

Attached please find the details relative to the impact of this recent outage event and the restoration activities that took place. It should be noted that the review and approval process of this outage information is still in progress at the time of filing this report and as such, all outage information contained in this report should be considered preliminary.

If you have any questions, please contact me at (610) 921-6783.

Sincerely,



Tori L. Giesler

Enclosures

- c: Dan Searfoorce - PaPUC Bureau of Technical Utility Services (via electronic mail)
Derek Ruhl - PaPUC Bureau of Technical Utility Services (via electronic mail)
John Van Zant - PaPUC Bureau of Technical Utility Services (via electronic mail)

ELECTRIC UTILITY REPORT OF OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
P O BOX 3265
HARRISBURG, PA 17105-3265

1. Reporting Utility: Pennsylvania Electric Company ("Penelec")
Address: 800 Cabin Hill Road
Greensburg, PA 15601

2. Name and title of person making report:

Scott Wyman President, Pennsylvania Operations
(Name) *(Title)*

3. Telephone number: (724) 838-6150
(Telephone Number)

4. Date and time report was made to Commission:

August 12, 2021 2345
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 29,544 (Represents 5.1% of Penelec's total customers).

(b) Approximate number of outage cases and trouble cases for each county affected during event: See response to 5(c).

(c) Approximate number of outages for each county affected during the event:

County	Outages	Outage Cases	Trouble Cases
Bedford	107	10	6
Blair	683	33	28
Bradford	200	10	7
Cambria	2,445	27	25
Centre	25	5	2
Clarion	45	4	1
Clearfield	4,303	36	19
Crawford	3,673	28	26
Erie	3,426	70	58
Franklin	222	6	1
Huntingdon	111	14	6
Indiana	2,838	20	19
Jefferson	3,342	28	14
Juniata	98	6	0
Lycoming	563	13	4
Mckean	80	4	6
Mifflin	436	14	9
Somerset	83	13	13
Sullivan	3,161	42	12
Susquehanna	198	7	5
Tioga	14	4	17
Venango	2,761	44	21
Warren	250	11	7
Wayne	127	7	4
Westmoreland	43	2	3
Wyoming	310	19	4
Total	29,544	477	317

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 167

(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 Wednesday afternoon, August 11 through Friday, August 14, hot and humid temperatures brought continual thunderstorm activity across Pennsylvania including the Penelec service territory. Storm activity continued to affect the area throughout the restoration activities during the event. Wind gusts in the Penelec service territory reached nearly 50-miles per hour on August 11,

2021 and nearly 60-miles per hour on August 12, 2021. See Attachment B for the maximum wind gusts for August 11 – 13, 2021 and 24-hour total precipitation for August 11 – 14, 2021.

The Penelec service territory suffered widespread damage. Damages as a result of the high wind and lightning included downed trees/power lines and damaged and broken poles/crossarms. Damage from the storm event impacted the majority of Penelec’s territory. However, the hardest hit areas were the Altoona, Dubois, Towanda, and Erie areas. Approximately 56% of the total outages that occurred in the Penelec service territory were tree related, with an additional 22% of outages caused by lightning.

Preliminary data indicate the reliability impact of the storm was 12.3 minutes of SAIDI, 0.05 of SAIFI, and an overall storm CAIDI of 241.9 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1300 on August 13 in the Montrose area; by 2100 on August 13 in the Mansfield area; by 2300 on August 13 in the Dubois, Towanda and Clearfield areas; and 1600 on August 14 in the Phillipsburg area, with a few isolated customers extending beyond this time.

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	166	Line Workers
Subtotal	166	
J.W. Didado	5	Line Contractor
Subtotal	5	
Asplundh	28	Forestry Contractor
Davey Tree	10	Forestry Contractor
Hazlett Tree	9	Forestry Contractor
Lewis Tree Service	12	Forestry Contractor
PennLine Services	29	Forestry Contractor
TreeSmiths	20	Forestry Contractor
Subtotal	108	
Penelec	55	Supporting Roles
Subtotal	55	
Grand Total	334	

- (i) The date and time of the first information of a service interruption: August 11, 2021 at 1347.
- (j) The date and time that repair crews were assembled: Crews were on duty and were held over with additional crews called in as the storms commenced.
- (k) The actual time that service was restored to the last affected customer: August 14, 2021 at 2015. Additionally, Penelec was able to restore approximately 79.5% of the impacted customers in less than six hours from the time of interruption.
- (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	182
Secondary Spans Replaced	102
Crossarms Replaced	49
Cutouts Replaced	74
Poles Replaced	20
Transformers Replaced	29
Wire & Cable Replaced (feet)	1,143

- (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 customers in the utility’s entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events.

The outages that were a result of this event did not exceed 10% or more of customers in the utility’s entire service territory.

Remarks: The storm statistics contained in this report are preliminary. The review and approval of the storm statistics were still in progress as of the time this report was filed.

Attachment A: A listing of each outage case exceeding six or more hours in duration, including the following information¹:

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
11711393-2	Lycoming	2	3,276	08/12/2021 1339	08/14/2021 2015
11711390-2	Lycoming	2	3,210	08/12/2021 1355	08/14/2021 1925
11709019-2	Erie	1	2,943	08/11/2021 1907	08/13/2021 2010
11712236-1	Clearfield	9	2,421	08/12/2021 1959	08/14/2021 1220
11709111-3	Erie	1	1,899	08/11/2021 1909	08/13/2021 0248
11709111-3	Erie	1	1,899	08/11/2021 1909	08/13/2021 0248
11711392-2	Lycoming	49	1,712	08/12/2021 1338	08/13/2021 1810
11712067-1	Jefferson	4	1,626	08/12/2021 1924	08/13/2021 2230
11711960-1	Clearfield	11	1,606	08/12/2021 1836	08/13/2021 2122
11712067-1	Jefferson	7	1,606	08/12/2021 1924	08/13/2021 2210
11712092-3	Sullivan	2	1,595	08/12/2021 1359	08/13/2021 1634
11712092-3	Sullivan	2	1,595	08/12/2021 1359	08/13/2021 1634
11712064-1	Indiana	1	1,582	08/12/2021 1923	08/13/2021 2145
11711242-1	Sullivan	40	1,577	08/12/2021 1413	08/13/2021 1630
11712204-2	Jefferson	1	1,574	08/12/2021 1916	08/13/2021 2130
11712220-2	Blair	2	1,565	08/12/2021 2005	08/13/2021 2210
11712064-1	Indiana	1	1,562	08/12/2021 1923	08/13/2021 2125
11712342-1	Lycoming	1	1,553	08/12/2021 2037	08/13/2021 2230
11711937-2	Clearfield	20	1,548	08/12/2021 1827	08/13/2021 2015
11711113-2	Jefferson	153	1,547	08/12/2021 1329	08/13/2021 1516
11711939-2	Sullivan	9	1,516	08/12/2021 1359	08/13/2021 1515
11711242-1	Sullivan	64	1,512	08/12/2021 1413	08/13/2021 1525
11714055-2	Jefferson	3	1,487	08/13/2021 1633	08/14/2021 1720
11713074-1	Jefferson	9	1,399	08/12/2021 1337	08/13/2021 1256
11711785-1	Sullivan	2	1,394	08/12/2021 1359	08/13/2021 1313
11711938-1	Clearfield	2	1,393	08/12/2021 1827	08/13/2021 1740
11708346-3	Erie	14	1,381	08/11/2021 1814	08/12/2021 1715
11712337-1	Indiana	6	1,359	08/12/2021 1906	08/13/2021 1745
11708678-2	Erie	4	1,348	08/11/2021 1849	08/12/2021 1717
11711139-2	Jefferson	48	1,320	08/12/2021 1337	08/13/2021 1137
11714425-2	Jefferson	2	1,312	08/13/2021 1718	08/14/2021 1510
11707814-2	Cambria	30	1,303	08/11/2021 1427	08/12/2021 1210
11710782-1	Cambria	1	1,300	08/11/2021 1429	08/12/2021 1209

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
11711253-2	Venango	6	1,300	08/12/2021 1419	08/13/2021 1159
11712423-2	Sullivan	6	1,289	08/12/2021 1355	08/13/2021 1124
11711910-2	Crawford	4	1,288	08/12/2021 1812	08/13/2021 1540
11708512-2	Erie	3	1,286	08/11/2021 1827	08/12/2021 1553
11708512-2	Erie	6	1,272	08/11/2021 1827	08/12/2021 1539
11710782-1	Cambria	2	1,231	08/11/2021 1429	08/12/2021 1100
11712423-2	Sullivan	6	1,220	08/12/2021 1355	08/13/2021 1015
11711218-2	Sullivan	24	1,220	08/12/2021 1359	08/13/2021 1019
11712695-1	Centre	1	1,214	08/12/2021 2016	08/13/2021 1630
11715285-2	Erie	3	1,214	08/13/2021 2318	08/14/2021 1932
11708384-3	Erie	22	1,212	08/11/2021 1820	08/12/2021 1432
11712423-2	Sullivan	24	1,209	08/12/2021 1355	08/13/2021 1004
11713699-1	Clearfield	183	1,206	08/12/2021 2235	08/13/2021 1841
11713699-1	Clearfield	279	1,204	08/12/2021 2235	08/13/2021 1839
11712441-2	Westmoreland	2	1,198	08/12/2021 2112	08/13/2021 1710
11711869-1	Jefferson	76	1,175	08/12/2021 1753	08/13/2021 1328
11712312-1	Lycoming	5	1,173	08/12/2021 2027	08/13/2021 1600
11711852-1	Sullivan	26	1,171	08/12/2021 1615	08/13/2021 1146
11711139-2	Jefferson	203	1,168	08/12/2021 1337	08/13/2021 0905
11712695-1	Centre	2	1,117	08/12/2021 2016	08/13/2021 1453
11713248-1	Clearfield	16	1,113	08/12/2021 1947	08/13/2021 1420
11712081-1	Tioga	11	1,104	08/12/2021 1915	08/13/2021 1339
11708579-2	Erie	45	1,085	08/11/2021 1820	08/12/2021 1225
11712269-1	Huntingdon	7	1,077	08/12/2021 2018	08/13/2021 1415
11713739-1	Clearfield	1	1,067	08/13/2021 1429	08/14/2021 0816
11712241-1	Huntingdon	4	1,048	08/12/2021 2010	08/13/2021 1338
11715021-3	Erie	1	1,048	08/13/2021 2012	08/14/2021 1340
11708498-1	Crawford	4	1,031	08/11/2021 1829	08/12/2021 1140
11712139-2	Clearfield	148	1,021	08/12/2021 2037	08/13/2021 1338
11712435-1	Centre	15	1,021	08/12/2021 2009	08/13/2021 1310
11712283-1	Blair	12	1,015	08/12/2021 2010	08/13/2021 1305
11708346-3	Erie	5	1,009	08/11/2021 1814	08/12/2021 1103
11709075-2	Crawford	7	1,000	08/11/2021 1905	08/12/2021 1145
11712254-2	Bedford	2	985	08/12/2021 2015	08/13/2021 1240
11711816-2	Crawford	4	979	08/12/2021 1735	08/13/2021 0954
11715385-2	Erie	2	974	08/14/2021 0331	08/14/2021 1945
11712158-1	Cambria	9	959	08/12/2021 1946	08/13/2021 1145
11708985-2	Venango	14	956	08/11/2021 1907	08/12/2021 1103

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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
11712166-1	Clearfield	482	954	08/12/2021 1941	08/13/2021 1135
11712570-1	Blair	1	951	08/12/2021 2224	08/13/2021 1415
11711852-1	Sullivan	2	942	08/12/2021 2004	08/13/2021 1146
11711970-1	Jefferson	2	941	08/12/2021 1839	08/13/2021 1020
11711894-2	Centre	6	933	08/12/2021 1807	08/13/2021 0940
11712063-1	Tioga	1	914	08/12/2021 1923	08/13/2021 1037
11712345-1	Huntingdon	1	911	08/12/2021 2039	08/13/2021 1150
11712209-1	Blair	16	910	08/12/2021 1955	08/13/2021 1105
11712112-2	Clearfield	1	902	08/12/2021 1942	08/13/2021 1044
11712442-2	Indiana	6	901	08/12/2021 2032	08/13/2021 1133
11709390-2	Huntingdon	1	901	08/11/2021 2010	08/12/2021 1111
11712139-2	Clearfield	58	894	08/12/2021 2037	08/13/2021 1131
11715692-2	Warren	2	894	08/14/2021 0411	08/14/2021 1905
11712139-2	Clearfield	336	892	08/12/2021 2037	08/13/2021 1129
11711755-1	Bradford	9	865	08/12/2021 1701	08/13/2021 0726
11712555-2	Susquehanna	1	861	08/12/2021 2213	08/13/2021 1234
11711939-1	Sullivan	15	856	08/12/2021 1359	08/13/2021 0415
11712053-1	Jefferson	1	850	08/12/2021 1920	08/13/2021 0930
11712326-2	Blair	1	835	08/12/2021 2030	08/13/2021 1025
11712326-2	Blair	1	835	08/12/2021 2030	08/13/2021 1025
11711932-2	Venango	2	824	08/12/2021 1821	08/13/2021 0805
11708932-1	Venango	6	816	08/11/2021 1903	08/12/2021 0839
11712237-1	Tioga	1	814	08/12/2021 2009	08/13/2021 0943
11712079-2	Clearfield	18	810	08/12/2021 1936	08/13/2021 0906
11712191-1	Clearfield	3	799	08/12/2021 1949	08/13/2021 0908
11711603-1	Crawford	1	788	08/12/2021 1636	08/13/2021 0544
11712772-1	Jefferson	5	769	08/12/2021 1921	08/13/2021 0810
11715021-3	Erie	13	761	08/13/2021 2012	08/14/2021 0853
11711734-1	Crawford	1	752	08/12/2021 1651	08/13/2021 0523
11707846-2	Cambria	40	751	08/11/2021 1434	08/12/2021 0305
11707846-2	Cambria	1	751	08/11/2021 1434	08/12/2021 0305
11712333-1	Lycoming	3	751	08/12/2021 2034	08/13/2021 0905
11712139-2	Clearfield	1,060	744	08/12/2021 2037	08/13/2021 0901
11712448-1	Sullivan	162	742	08/12/2021 2110	08/13/2021 0932
11715329-2	Venango	4	740	08/14/2021 0015	08/14/2021 1235
11712191-1	Clearfield	74	740	08/12/2021 1949	08/13/2021 0809
11712326-2	Blair	1	735	08/12/2021 2210	08/13/2021 1025
11712204-1	Jefferson	21	724	08/12/2021 1916	08/13/2021 0720

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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
11715236-2	Bedford	5	720	08/13/2021 2215	08/14/2021 1015
11712471-1	Clearfield	1	718	08/12/2021 2117	08/13/2021 0915
11713736-1	Jefferson	1	713	08/13/2021 1507	08/14/2021 0300
11711888-1	Clearfield	14	710	08/12/2021 1805	08/13/2021 0555
11712092-1	Sullivan	16	706	08/12/2021 1359	08/13/2021 0145
11708024-1	Franklin	57	685	08/11/2021 1553	08/12/2021 0318
11712707-1	Wayne	3	667	08/12/2021 2243	08/13/2021 0950
11709119-1	Erie	8	666	08/11/2021 1925	08/12/2021 0631
11712707-1	Wayne	3	662	08/12/2021 2243	08/13/2021 0945
11710760-1	Venango	2	640	08/12/2021 0932	08/12/2021 2012
11710357-1	Erie	11	621	08/11/2021 1907	08/12/2021 0528
11709019-1	Erie	17	607	08/11/2021 1907	08/12/2021 0514
11714927-1	Juniata	1	606	08/13/2021 1613	08/14/2021 0219
11712808-1	Crawford	11	593	08/12/2021 1740	08/13/2021 0333
11711181-2	Jefferson	32	588	08/12/2021 1352	08/12/2021 2340
11708697-2	Erie	67	569	08/11/2021 1852	08/12/2021 0421
11708633-1	Crawford	2	567	08/11/2021 1843	08/12/2021 0410
11710716-2	Venango	1	557	08/12/2021 0912	08/12/2021 1829
11709110-1	Venango	20	551	08/11/2021 1924	08/12/2021 0435
11715446-1	Erie	1	542	08/14/2021 0718	08/14/2021 1620
11710714-2	Venango	17	534	08/12/2021 0912	08/12/2021 1806
11713212-1	Wayne	10	530	08/13/2021 0308	08/13/2021 1158
11710351-1	Erie	34	523	08/11/2021 1907	08/12/2021 0350
11711890-2	Venango	5	522	08/12/2021 1805	08/13/2021 0247
11712015-1	Crawford	32	498	08/12/2021 1734	08/13/2021 0152
11709019-1	Erie	27	483	08/11/2021 1907	08/12/2021 0310
11709075-1	Crawford	49	480	08/11/2021 1905	08/12/2021 0305
11712472-1	Sullivan	511	470	08/12/2021 1408	08/12/2021 2158
11712780-2	Venango	10	467	08/13/2021 0048	08/13/2021 0835
11712391-1	Clearfield	10	466	08/12/2021 2001	08/13/2021 0347
11713659-2	Somerset	5	465	08/13/2021 1424	08/13/2021 2209
11714589-1	Warren	30	463	08/13/2021 1746	08/14/2021 0129
11713182-1	Sullivan	22	443	08/13/2021 0940	08/13/2021 1703
11715031-2	Westmoreland	41	438	08/13/2021 2012	08/14/2021 0330
11712801-2	Cambria	1	434	08/13/2021 0136	08/13/2021 0850
11715020-1	Juniata	1	434	08/13/2021 2012	08/14/2021 0326
11715020-1	Juniata	1	434	08/13/2021 2012	08/14/2021 0326
11712285-1	Venango	1	432	08/12/2021 2023	08/13/2021 0335

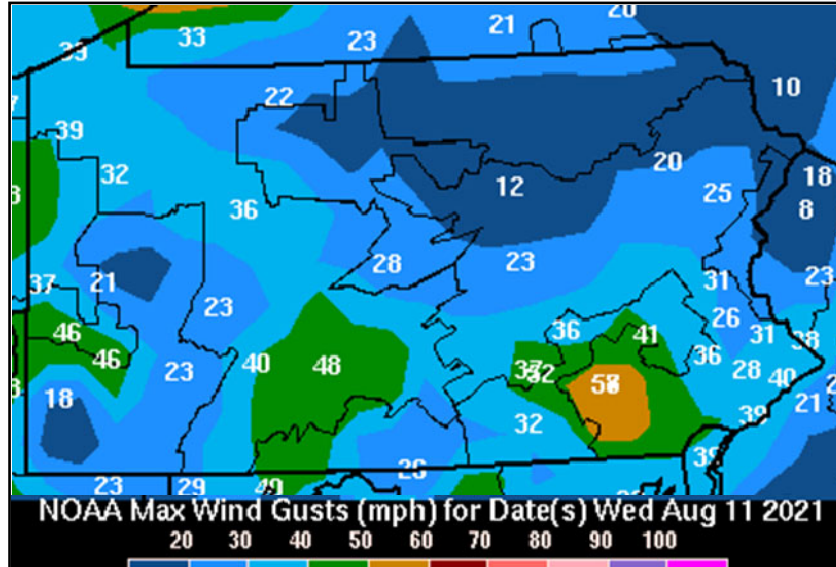
Penelec Storm Report

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
11708027-1	Franklin	2	423	08/11/2021 1557	08/11/2021 2300
11709019-1	Erie	53	417	08/11/2021 1907	08/12/2021 0204
11712426-2	Mifflin	1	417	08/12/2021 2103	08/13/2021 0400
11711944-1	Clarion	4	412	08/12/2021 1828	08/13/2021 0120
11712655-1	Bedford	1	411	08/12/2021 2314	08/13/2021 0605
11708087-2	Huntingdon	1	410	08/11/2021 1625	08/11/2021 2315
11715297-1	Venango	5	409	08/13/2021 2326	08/14/2021 0615
11709019-1	Erie	3	408	08/11/2021 1907	08/12/2021 0155
11711165-3	Jefferson	167	403	08/12/2021 1341	08/12/2021 2024
11709019-1	Erie	94	395	08/11/2021 1907	08/12/2021 0142
11715378-1	Somerset	1	392	08/14/2021 0320	08/14/2021 0952
11711517-1	Sullivan	198	389	08/12/2021 1355	08/12/2021 2024
11707890-1	Blair	128	381	08/11/2021 1458	08/11/2021 2119
11715014-1	Erie	135	376	08/13/2021 2008	08/14/2021 0224
11711392-1	Lycoming	3	372	08/12/2021 1338	08/12/2021 1950
11710934-1	Wayne	2	371	08/12/2021 1134	08/12/2021 1745
11710390-2	Warren	2	368	08/12/2021 0312	08/12/2021 0920
11711294-1	Sullivan	43	367	08/12/2021 1424	08/12/2021 2031
11712881-2	Wyoming	12	366	08/13/2021 0507	08/13/2021 1113
11715390-1	Warren	59	361	08/14/2021 0411	08/14/2021 1012

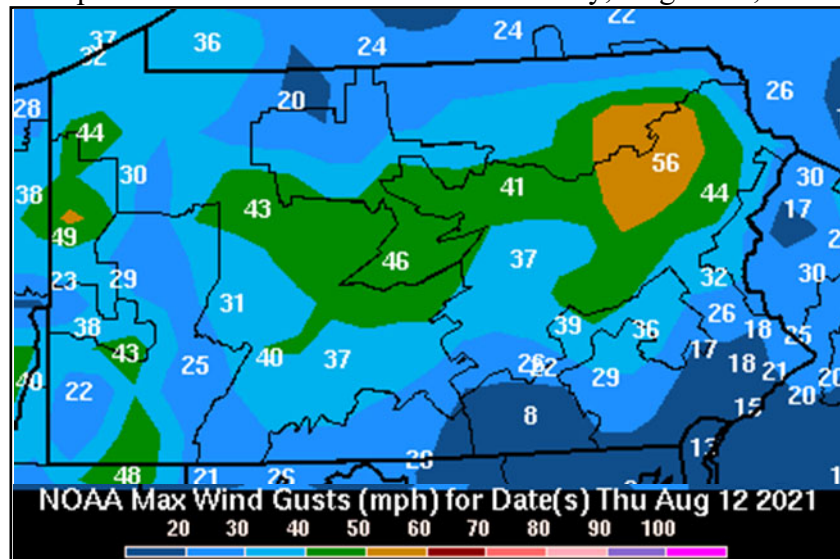
Attachment B: FirstEnergy Wind and Precipitation Report

Wind and Precipitation Reports: Graphics 1, 2 and 3 illustrate the maximum wind gusts in the Penelec service territory on August 11, 12 and 13, 2021. Graphics 4, 5, 6, 7 and 8 illustrate the 24-Hour Total Precipitation in the Penelec service territory on August 10, 11, 12, 13, and 14, 2021. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

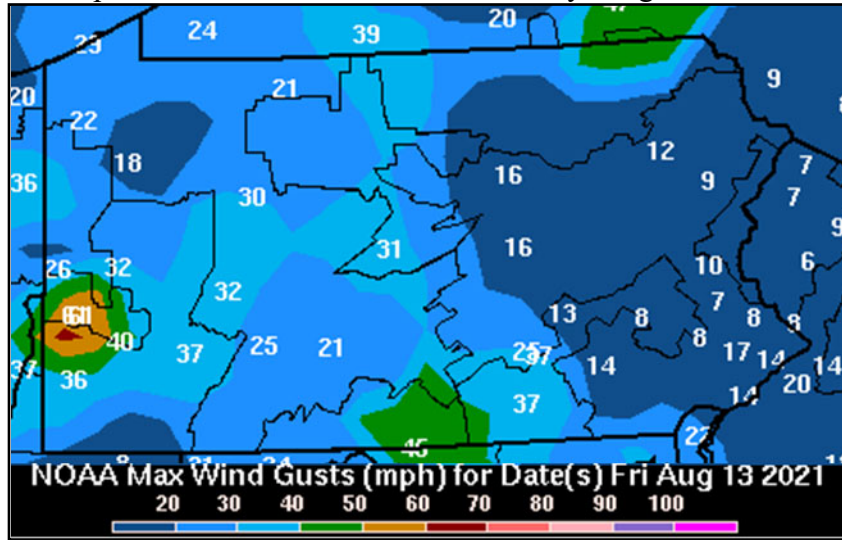
Graphic 1: Maximum Wind Gusts: Wednesday, August 11, 2021



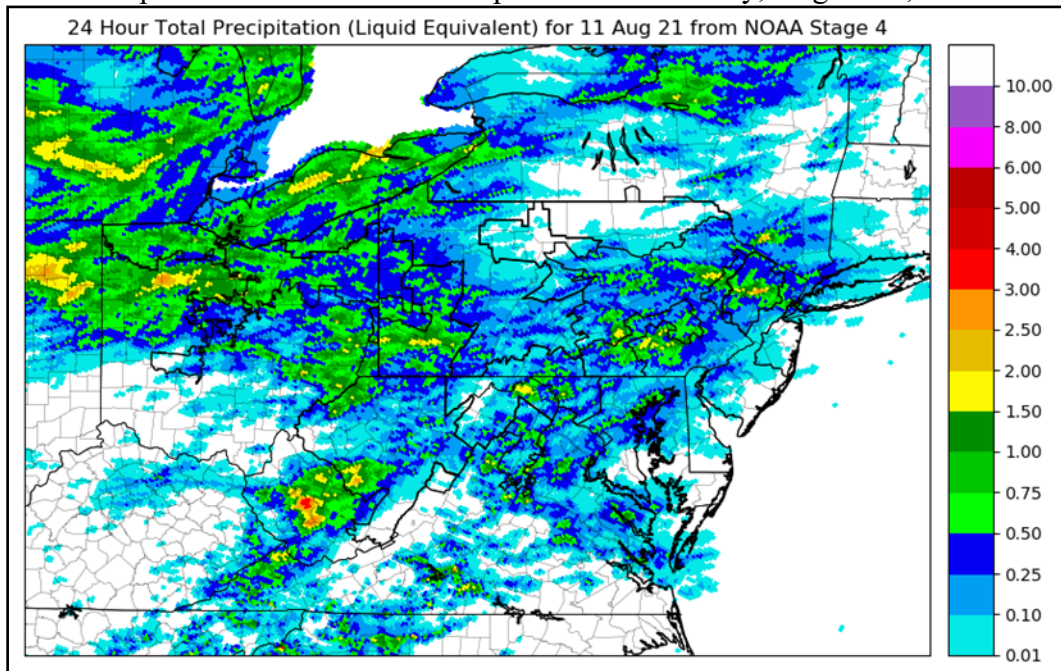
Graphic 2: Maximum Wind Gusts: Thursday, August 12, 2021



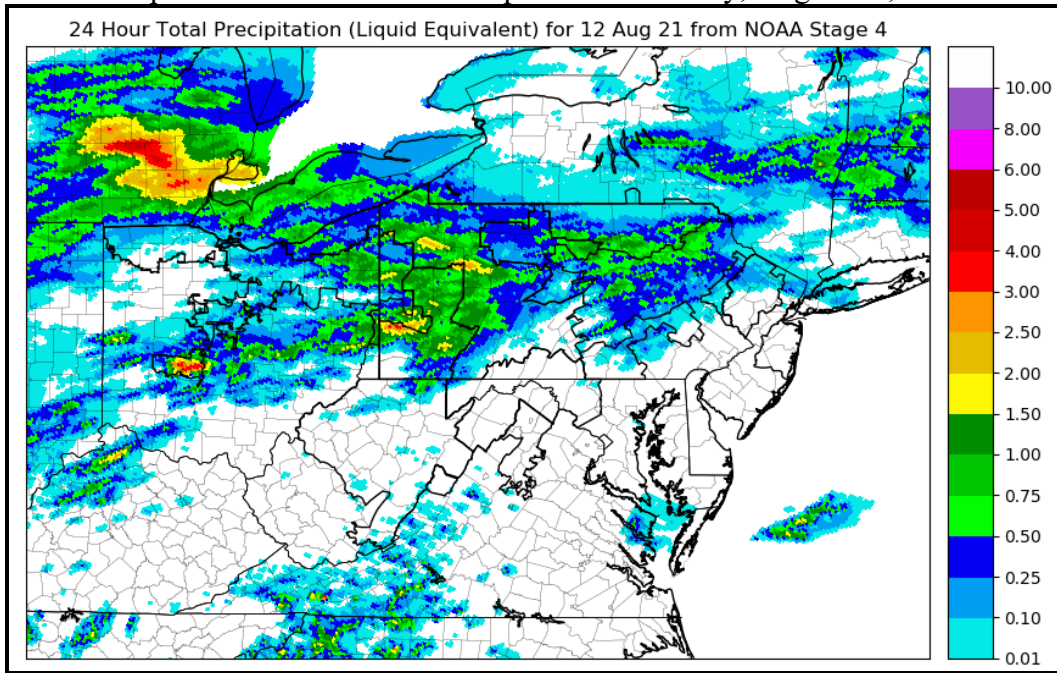
Graphic 3: Maximum Wind Gusts: Friday, August 13, 2021



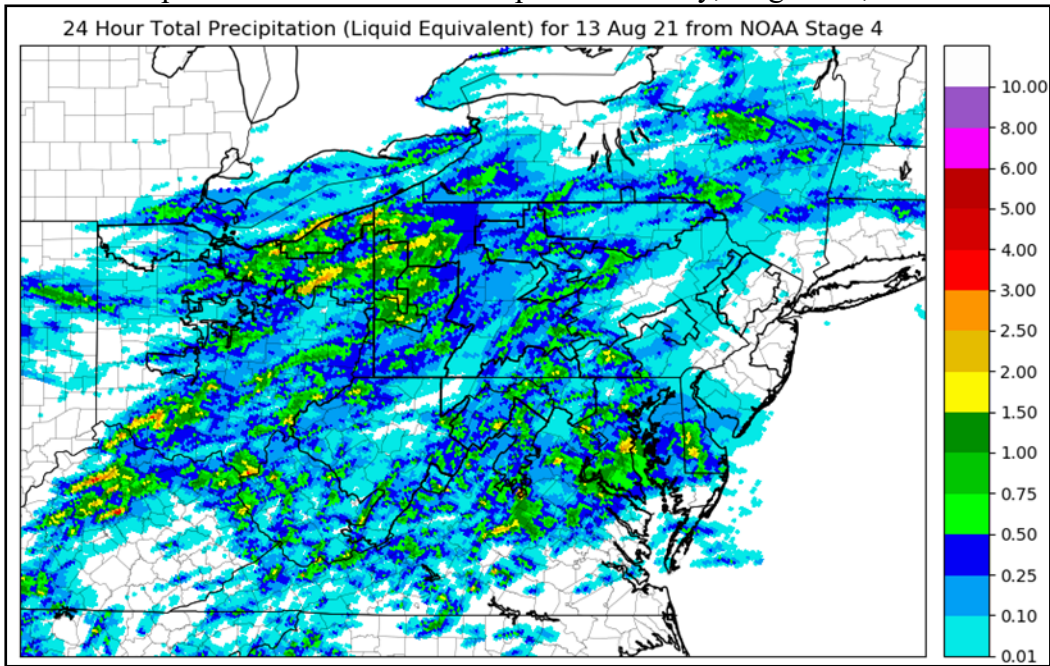
Graphic 5: 24-Hour Total Precipitation: Wednesday, August 11, 2021



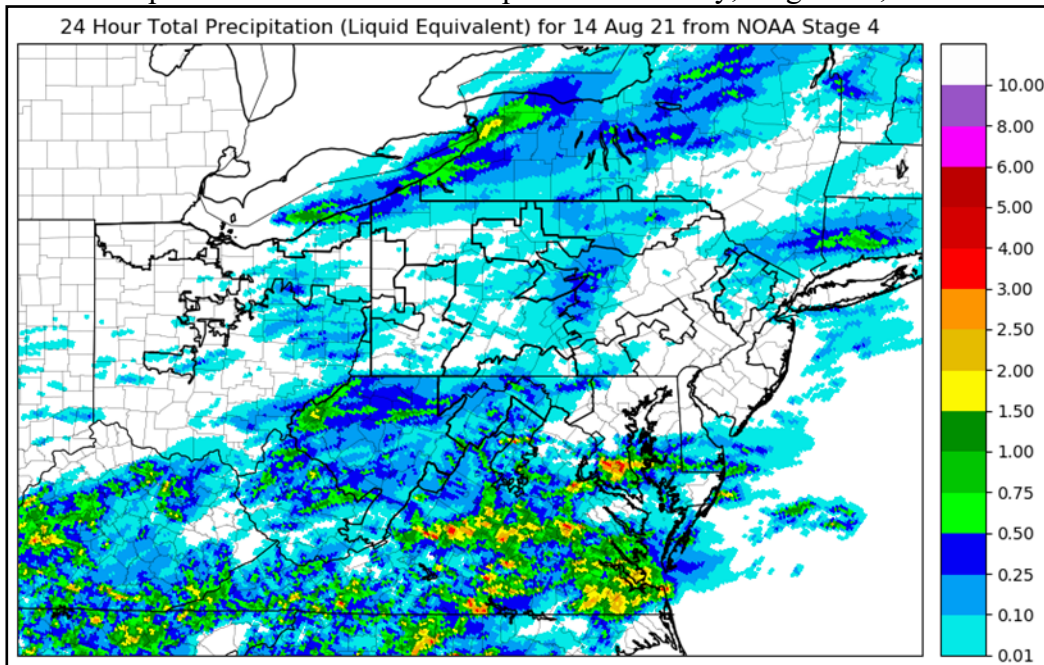
Graphic 6: 24-Hour Total Precipitation: Thursday, August 12, 2021



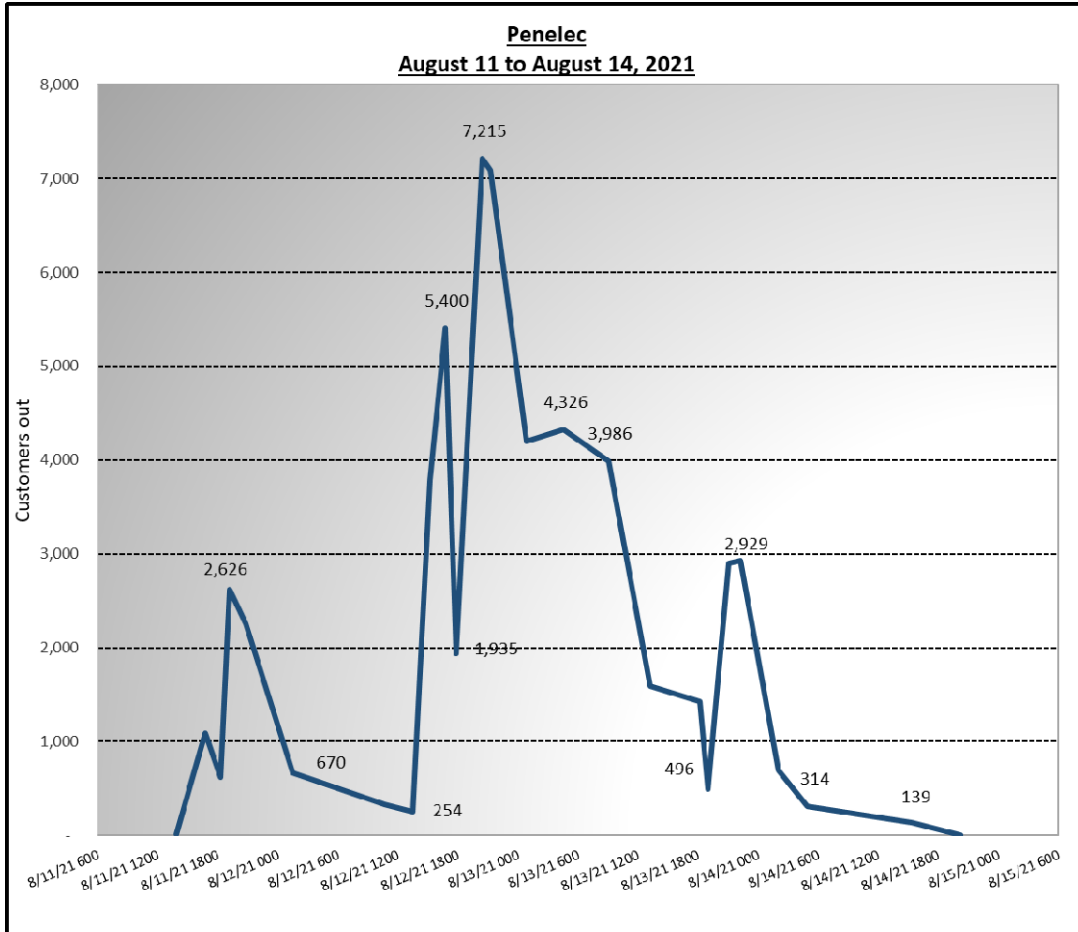
Graphic 7: 24-Hour Total Precipitation: Friday, August 13, 2021



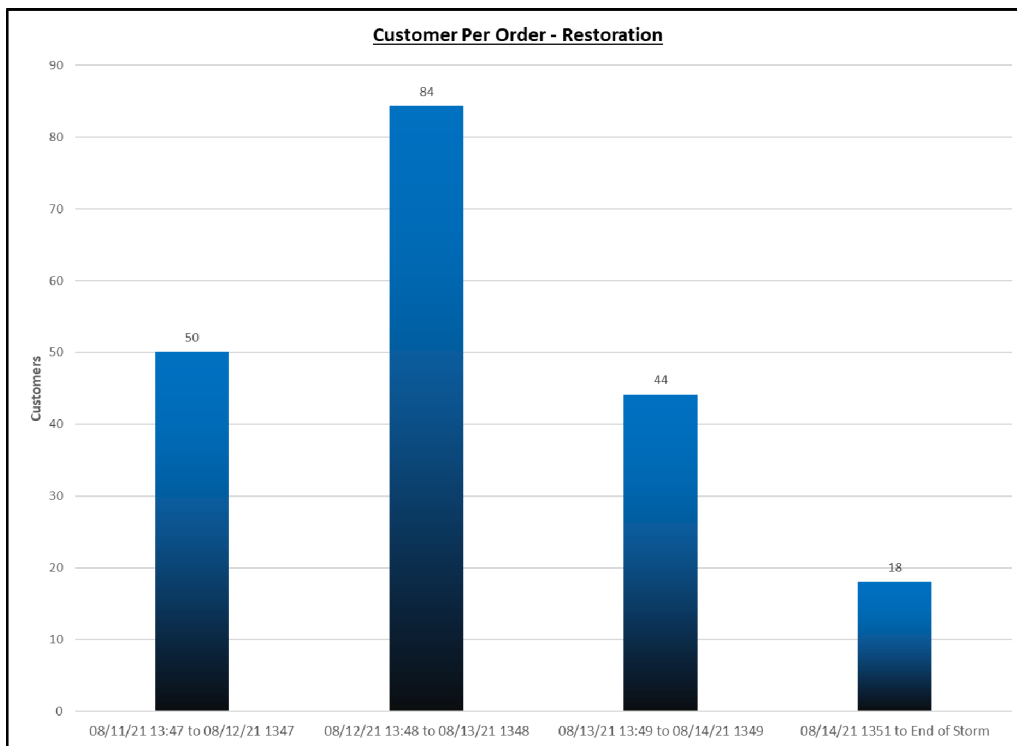
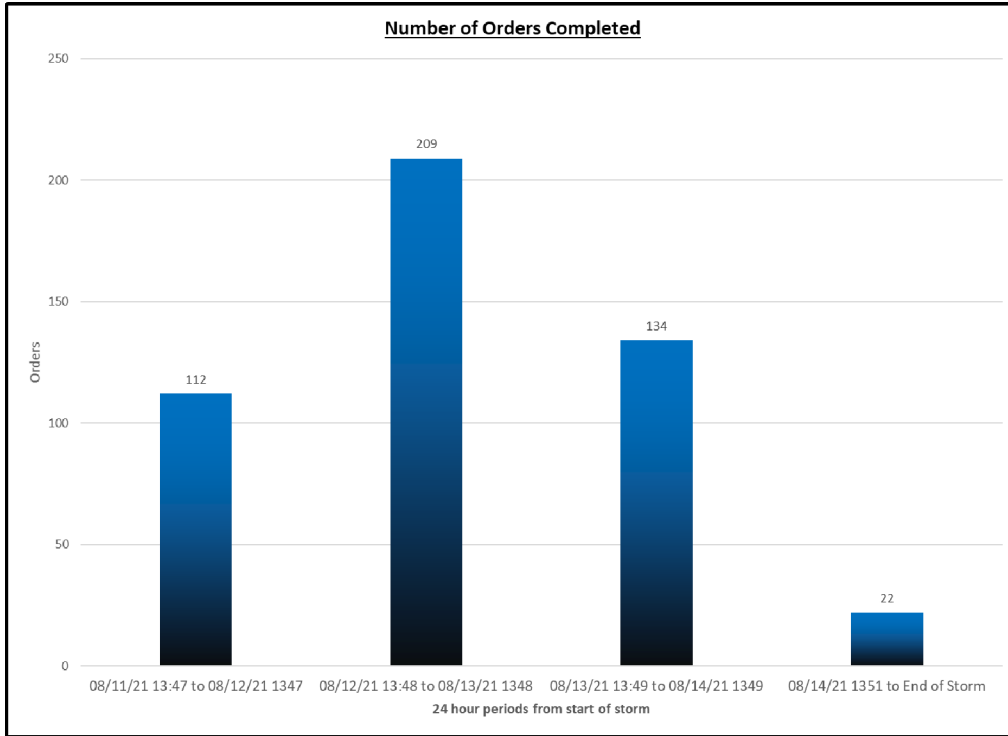
Graphic 8: 24-Hour Total Precipitation: Saturday, August 14, 2021



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: FirstEnergy Meteorologist Reports

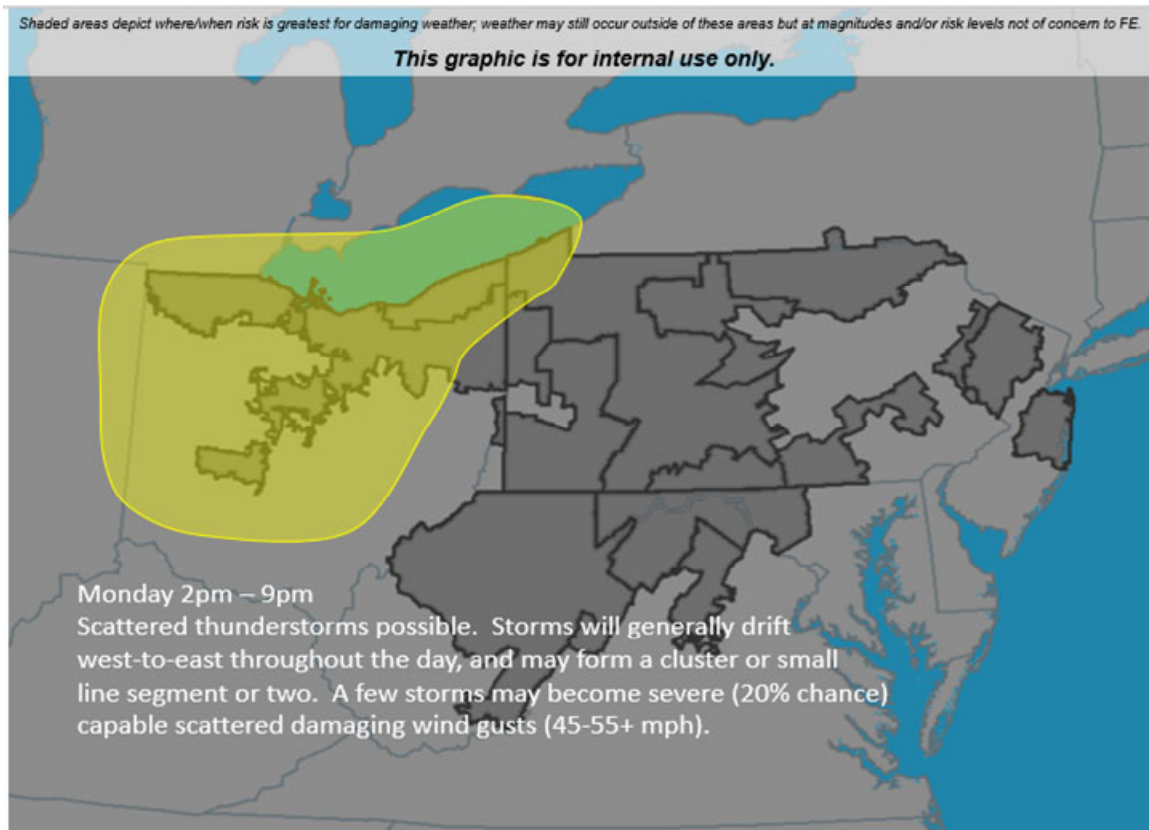
Monday August 09, 2021 @ 0836

Update:

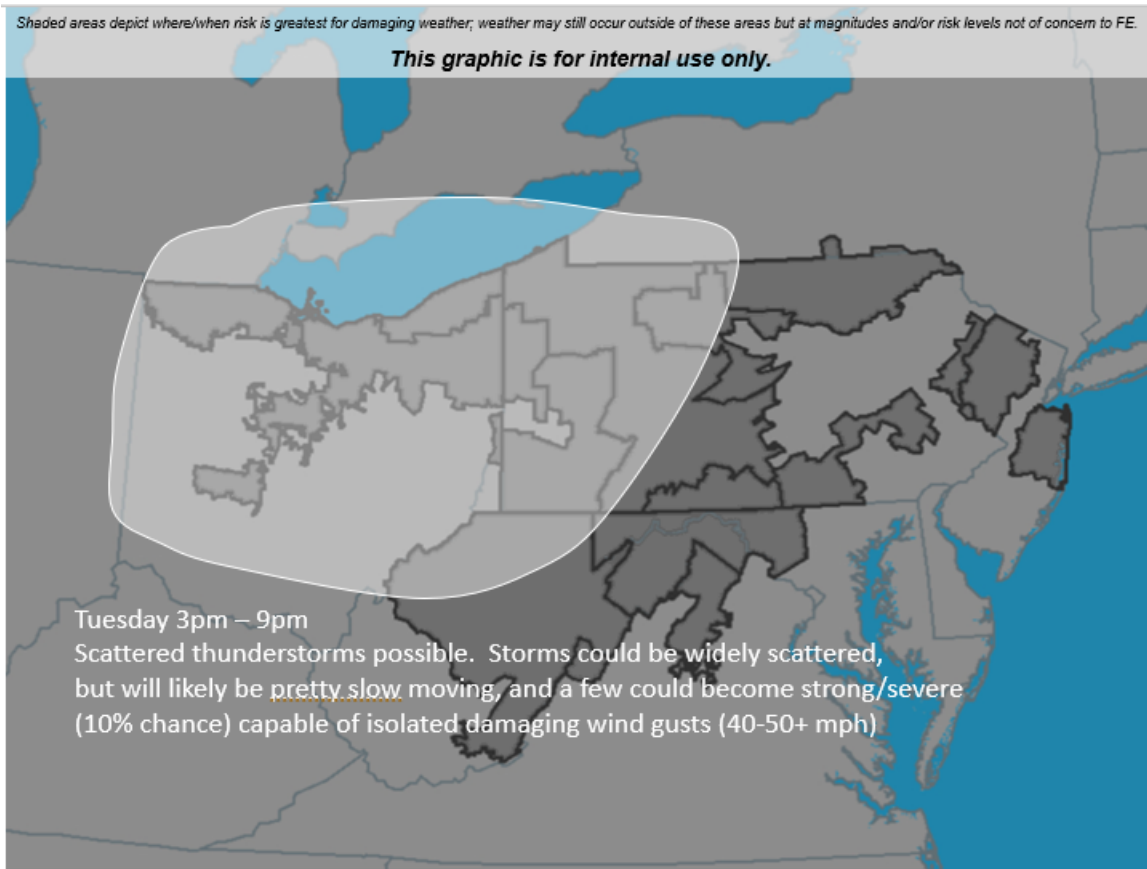
No real changes to today's forecast. Scattered storms are still expected across portions of western FirstEnergy, with pockets of damaging gusts possible.

Added a new forecast for Tuesday. Scattered thunderstorms are likely to develop Tuesday afternoon given the widespread heat and humidity, and few damaging wind gusts will be possible.

See graphic below for further information.



Penelec Storm Report



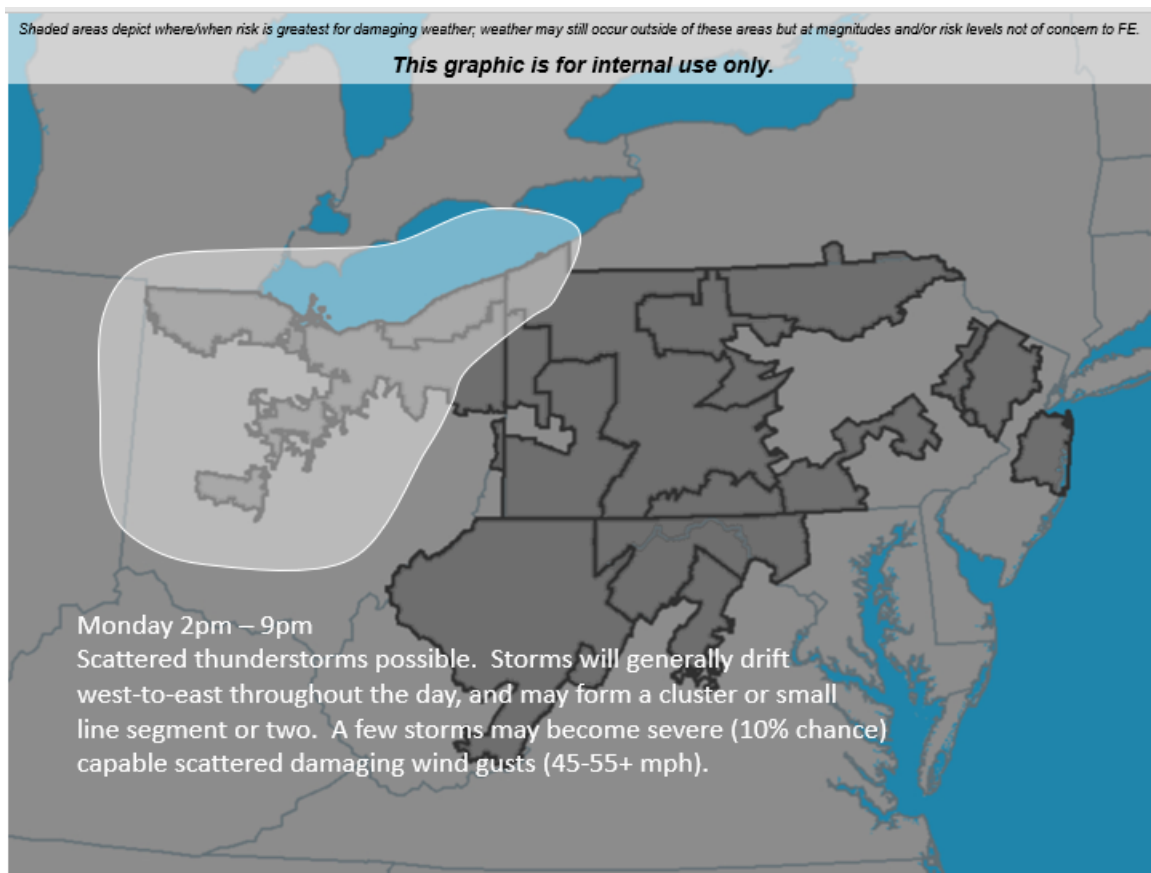
Monday, August 9, 2021 @ 1454

Update:

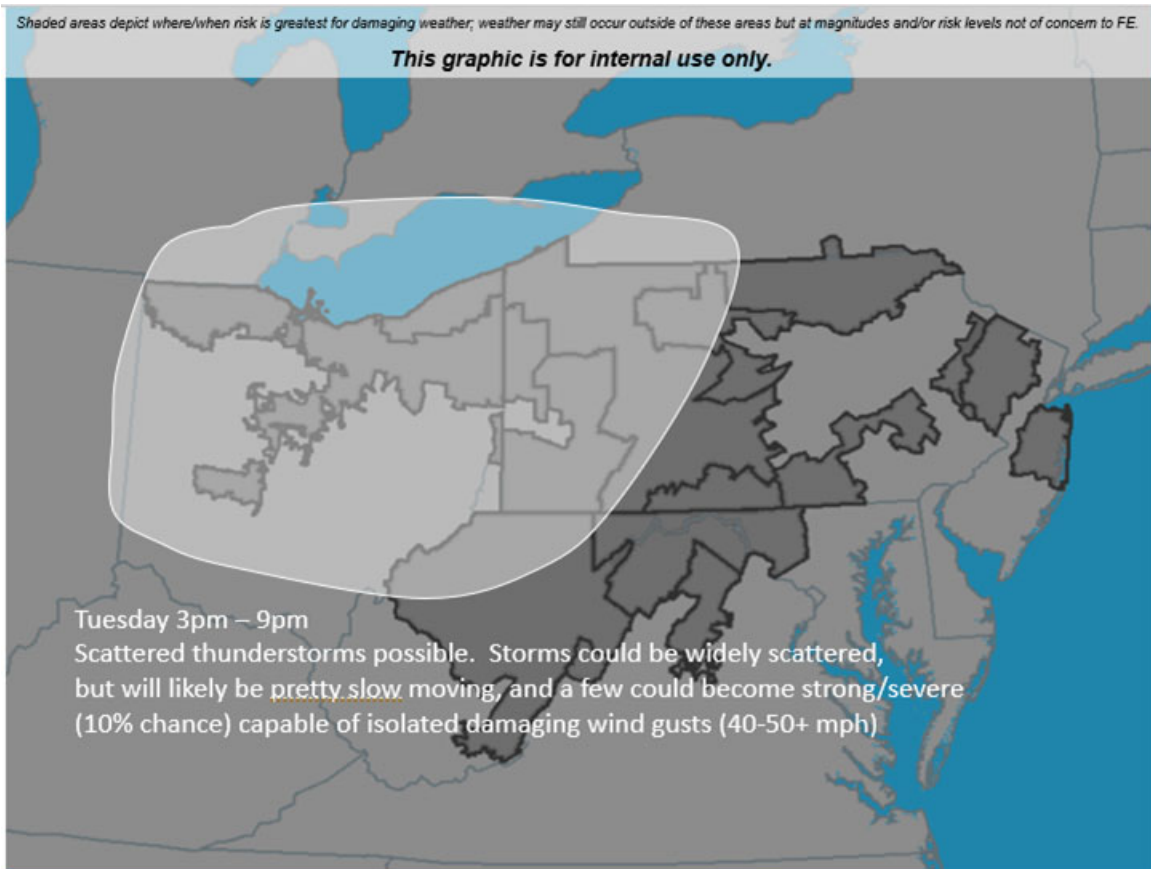
Reduced risk across western FirstEnergy for the remainder of the afternoon. Isolated/scattered storms are still expected, but their ability to create damaging gusts is expected to be widely scattered or isolated.

No changes to Tuesday’s forecast at this time, although we continue to monitor storm potential Tuesday afternoon and an increase of storm risk may be necessary in tomorrow morning’s update.

See graphic below for further information.



Penelec Storm Report



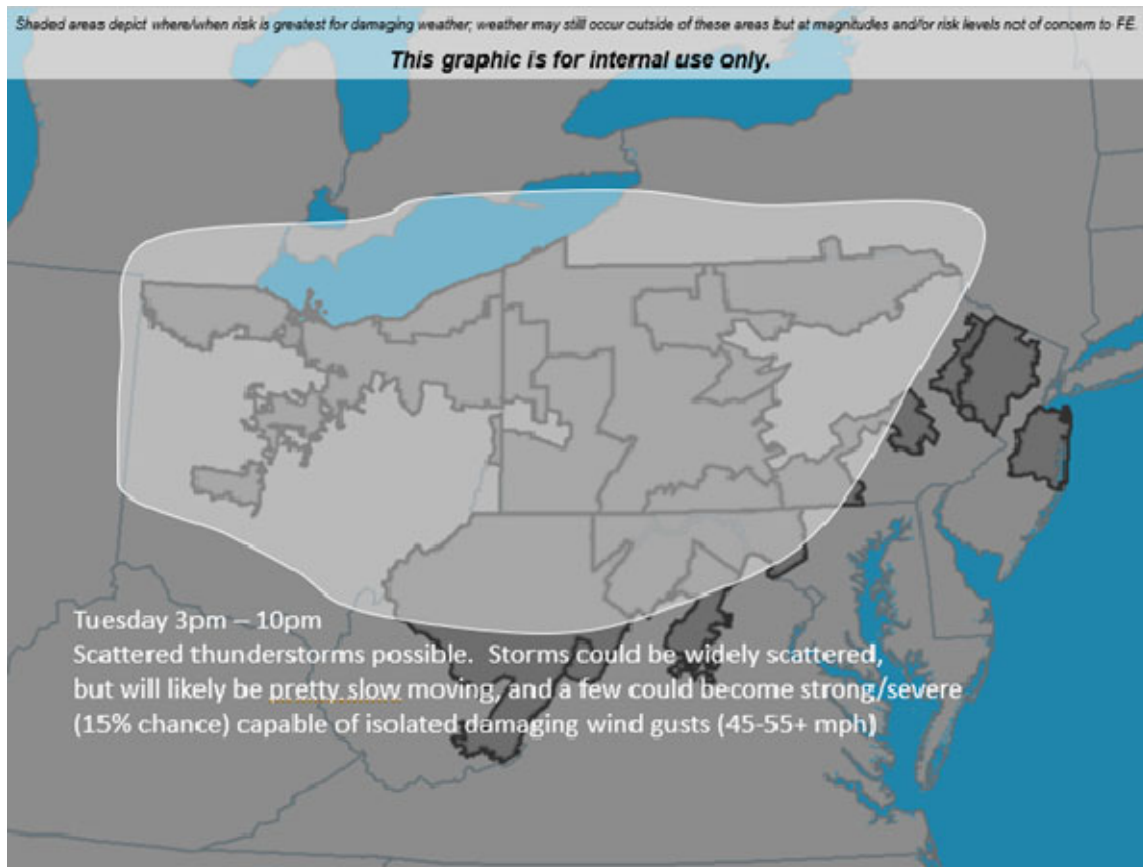
Tuesday, August 10, 2021 @ 0917

Update:

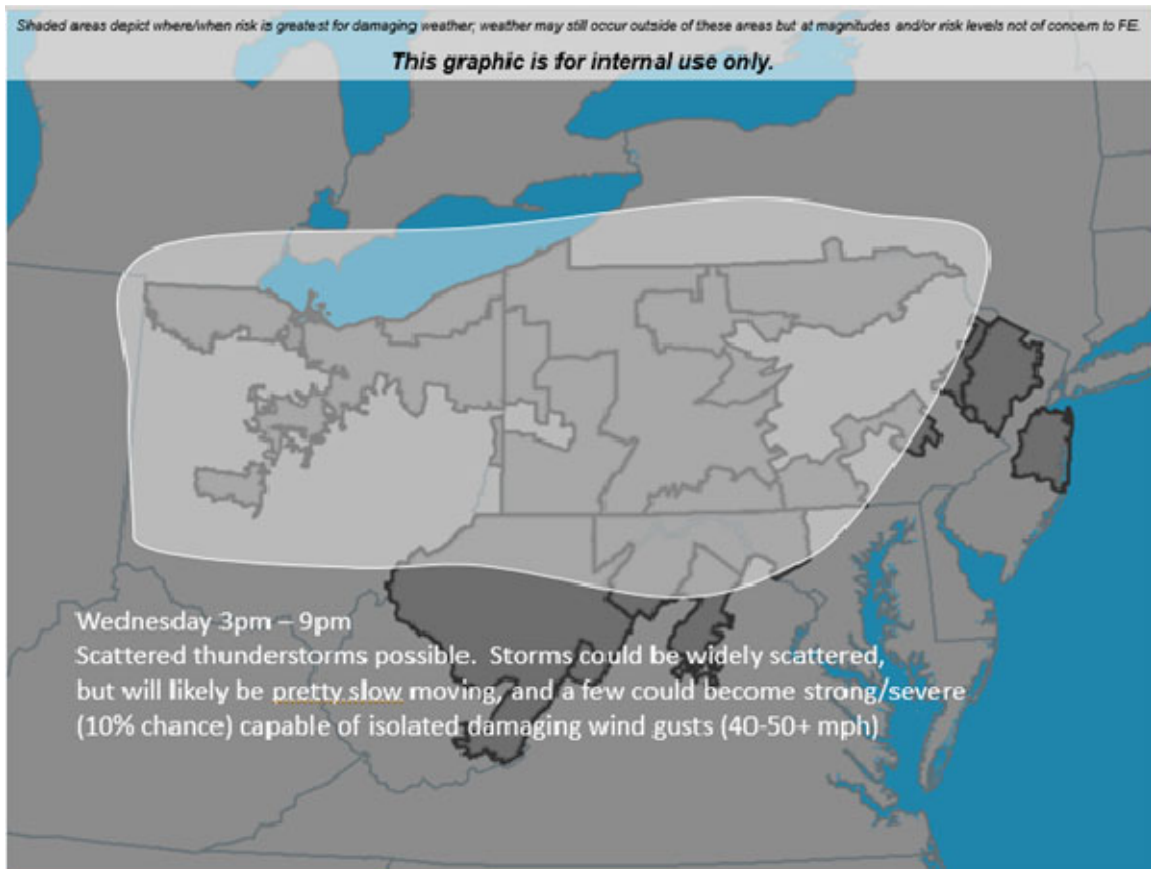
Slight expansion and increase of thunderstorm risk for this afternoon. Hot and humid conditions will make thunderstorm development possible over a relatively large area of FirstEnergy; this is a situation with relatively low confidence and predictability—as storms can pop up pretty much anywhere at any time over the course of the afternoon and evening. That said, storm coverage and the associated wind damage threat is expected to be widely scattered across this area overall.

A similar situation is expected for Wednesday—and likely for Thursday as well—where high heat and humidity will make scattered strong storm development possible during the late afternoon and into the evening.

See graphics below for further information.



Penelec Storm Report



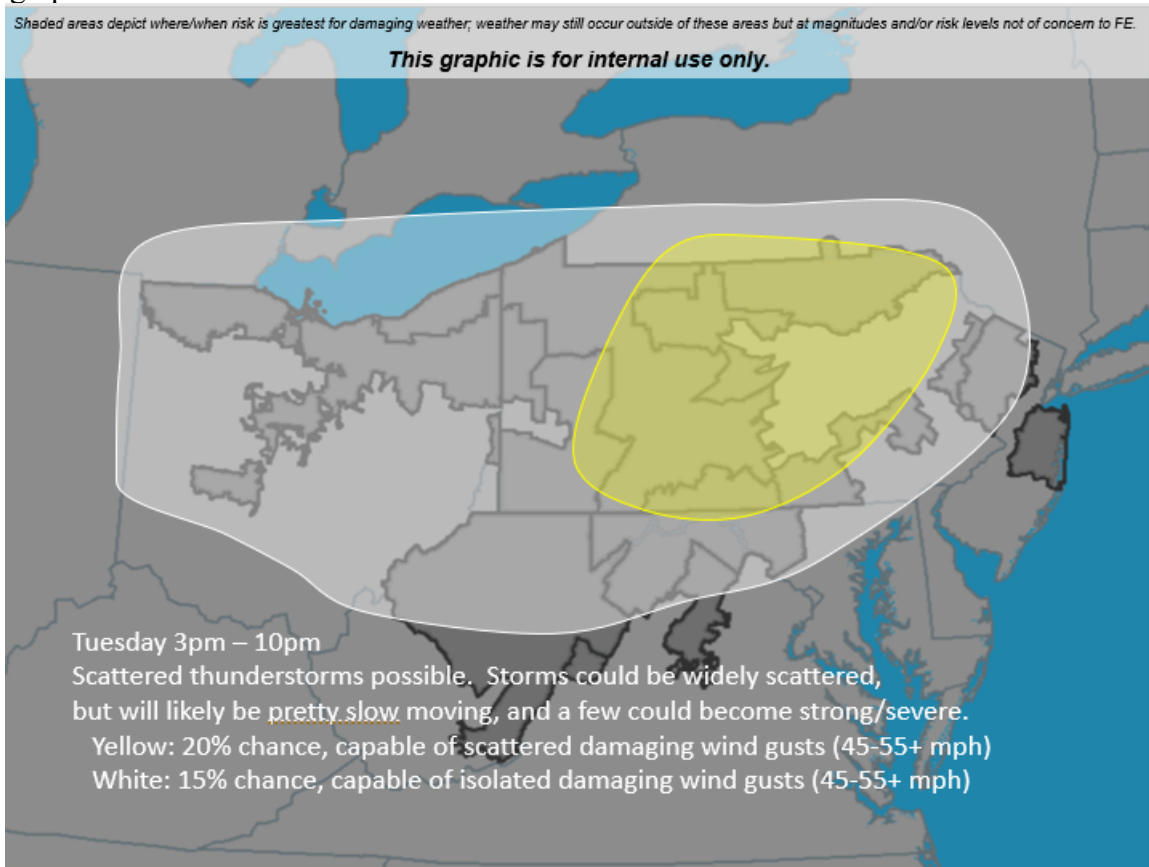
Tuesday, August 10, 2021 @ 1206

Update:

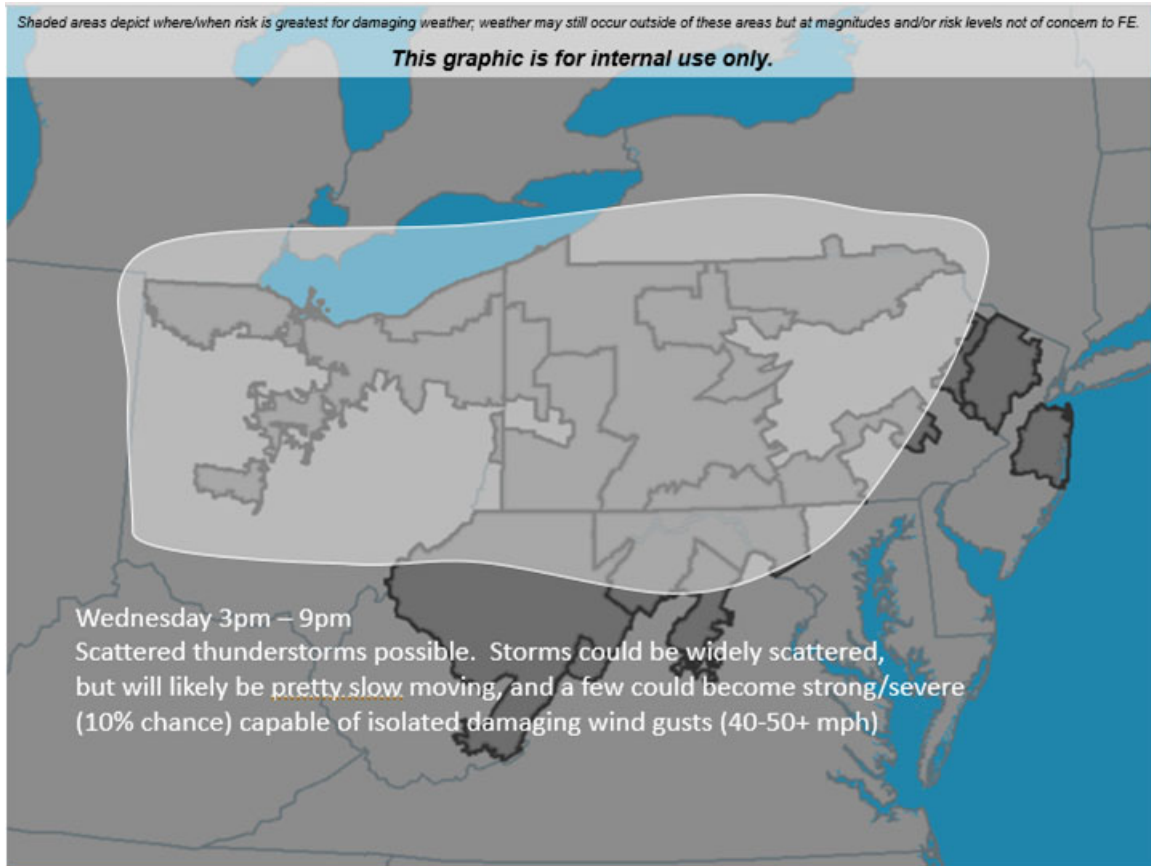
Adjustments to the forecast this afternoon: expanded to include eastern Pennsylvania and northern New Jersey in the general risk. Also identified an area of slightly higher risk across mainly central Pennsylvania—storm development may be a bit more widespread across this area this evening.

No changes to Wednesday’s forecast at this time.

See graphics below for further information.



Penelec Storm Report



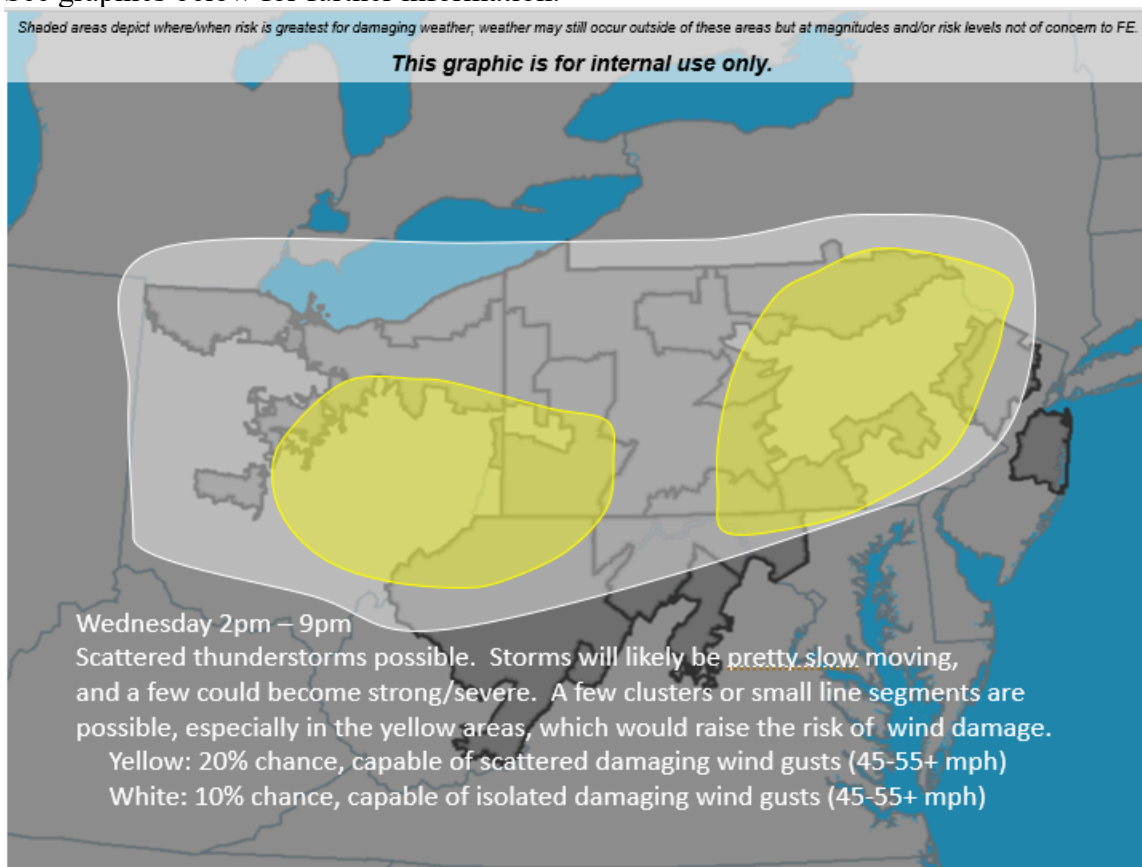
Wednesday, August 11, 2021 @ 0831

Update:

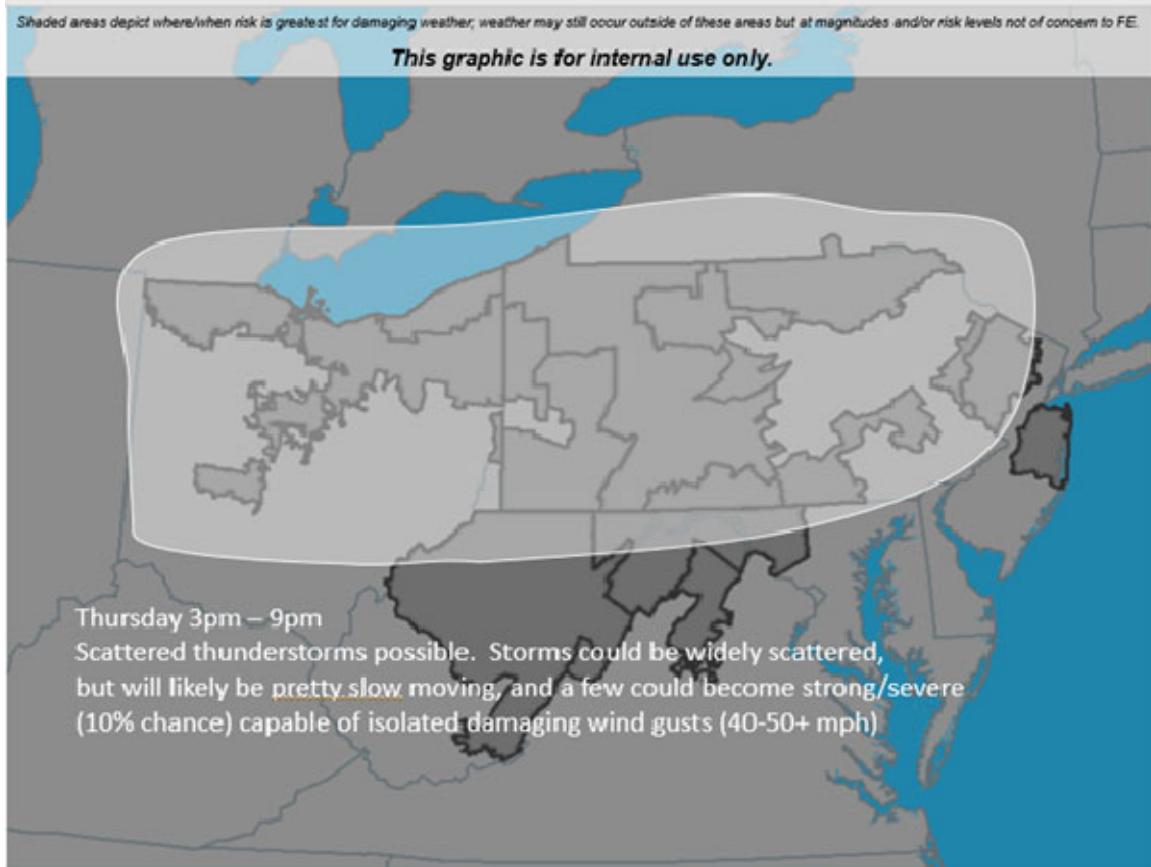
Customary adjustments to Wednesday’s forecast include an expansion of the storm threat into far eastern FirstEnergy. Scattered thunderstorms are possible over a wide swath of FirstEnergy today (and likely Thursday and Friday as well), but identifying exactly where is proving to be a bit difficult. Nonetheless, scattered/isolated storms, perhaps in a small cluster or line segment, will be possible this afternoon/evening and will be capable of damaging gusts.

Added a very similar forecast to Thursday and will likely add a very similar one for Friday in the next alert. This pattern looks to break by the weekend and storm activity should greatly reduce.

See graphics below for further information.



Penelec Storm Report



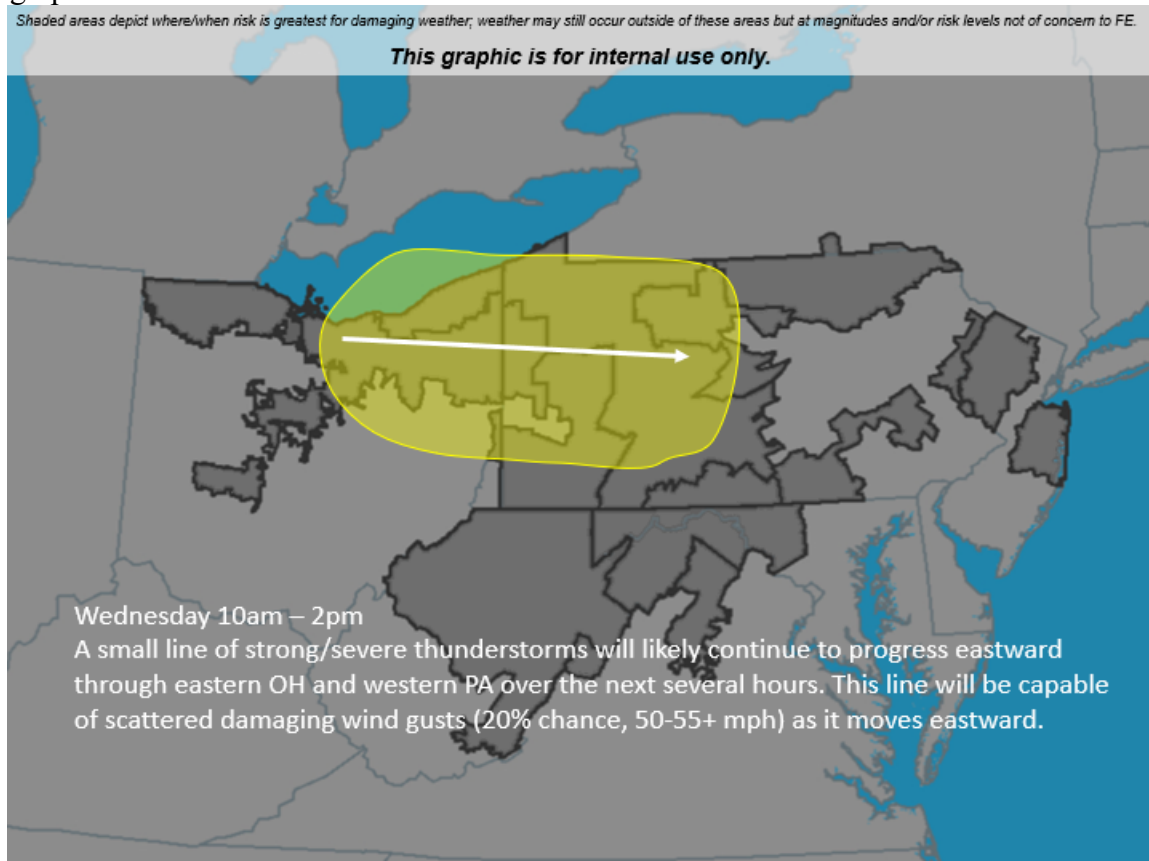
Wednesday, August 11, 2021 @ 0959

Update:

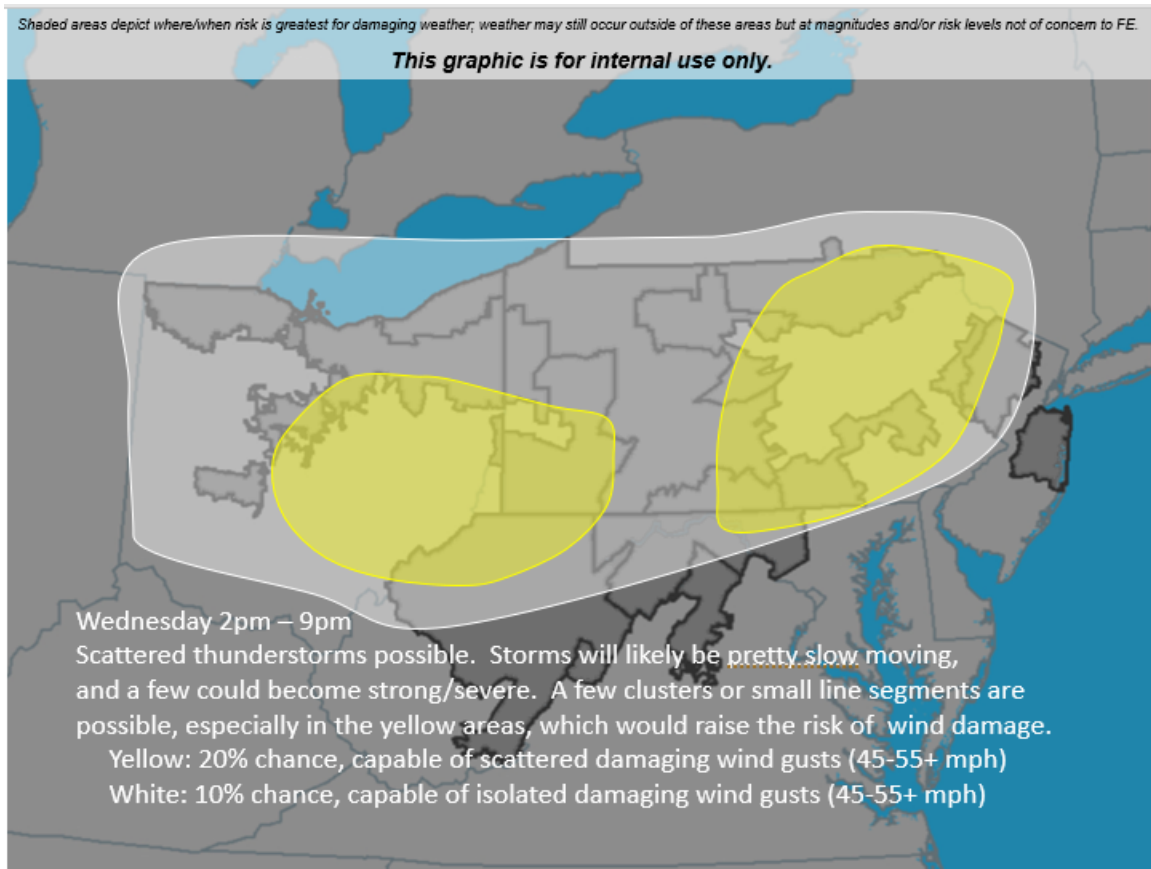
Added a graphic concerning the small line of thunderstorms currently moving through central Ohio. This line will continue to progress eastward over the next several hours and will be capable of scattered damaging wind gusts.

No other changes.

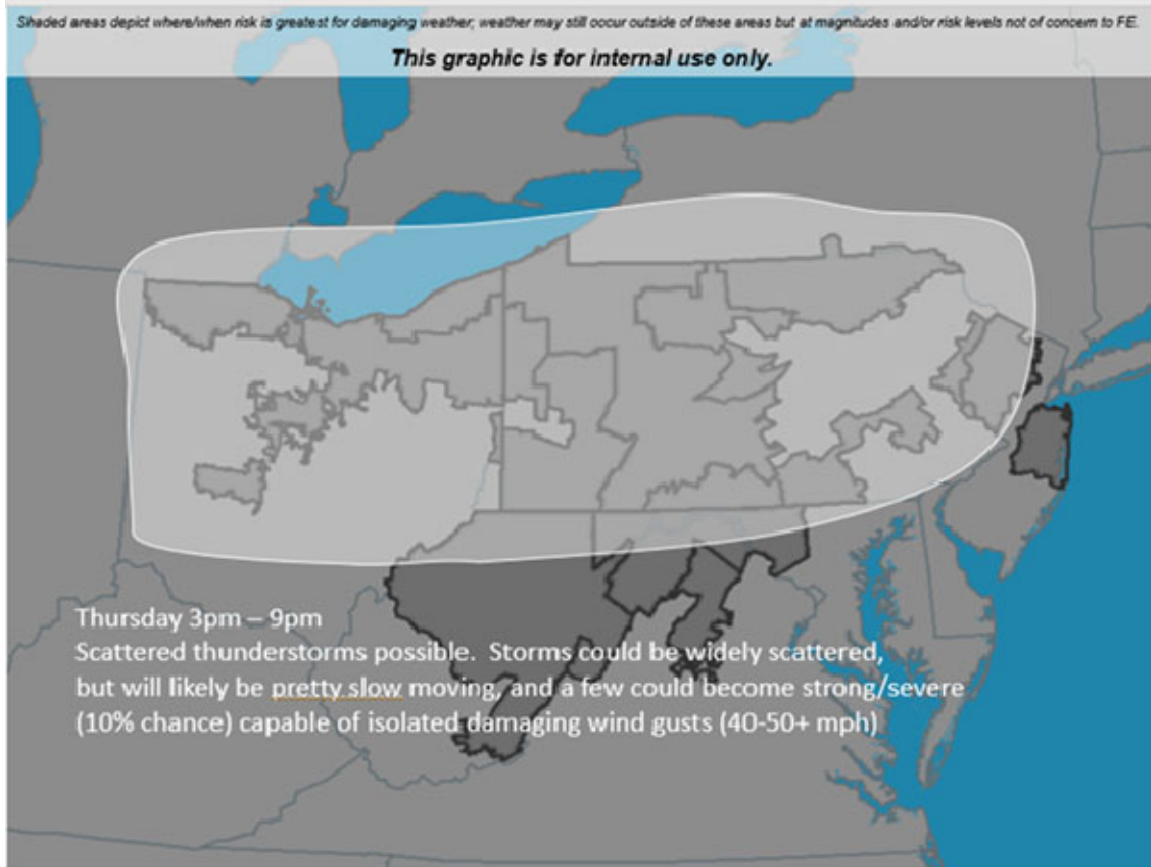
See graphics below for further information.



Penelec Storm Report



Penelec Storm Report



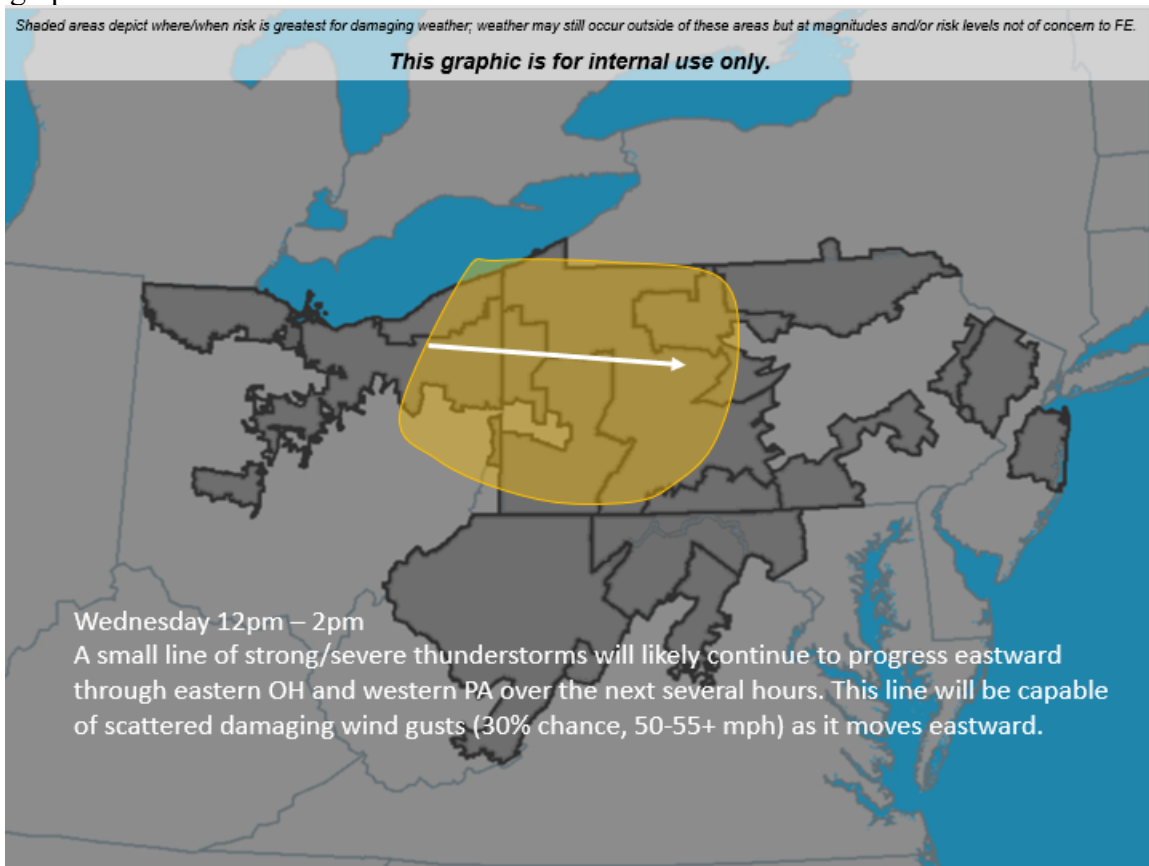
Wednesday, August 11, 2021 @ 1153

Newest update is needed to increase the risk of strong storms across western/southern Ohio this afternoon. A complex of storms is expected to move eastward into this area from Indiana this afternoon. Storms that arrive may be weakening—but only if our luck changes—and are likely to be capable of damaging wind gusts as they move through Ohio this afternoon/evening.

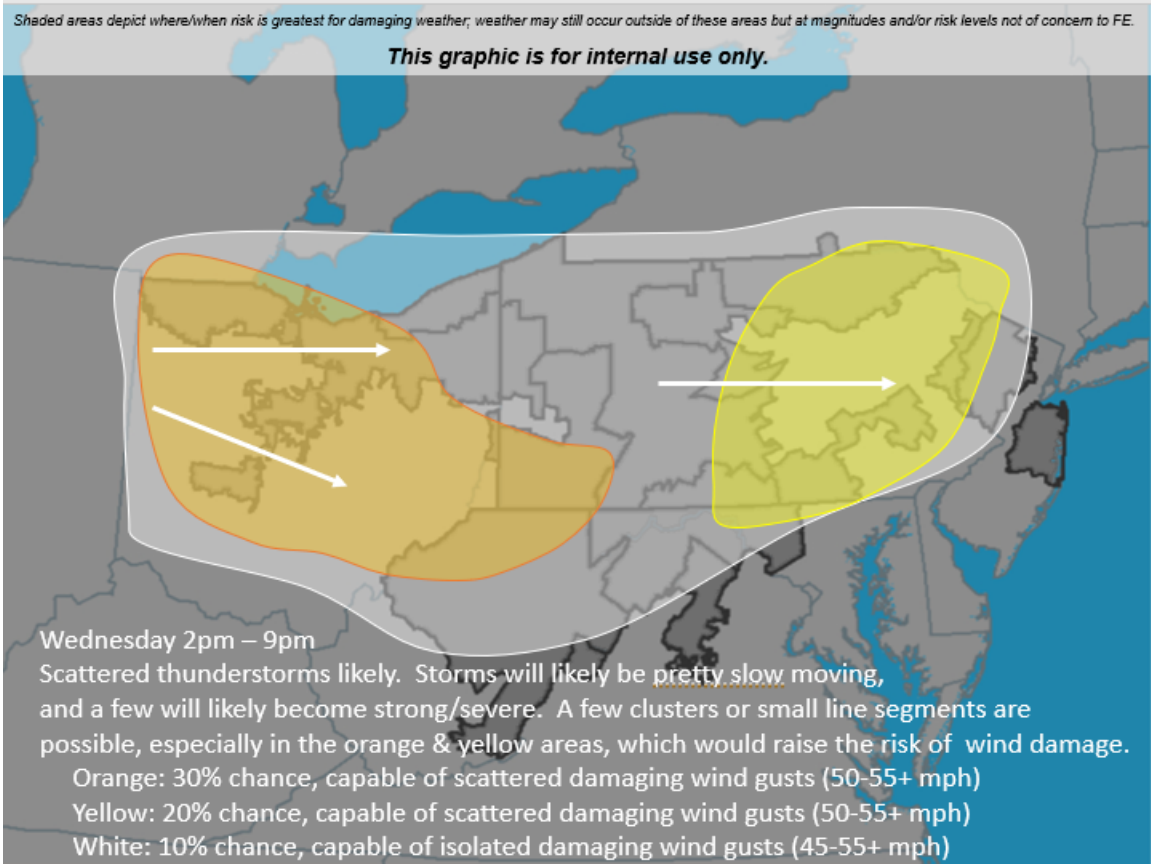
Also generally increased the risk over eastern Ohio/Western Pennsylvania from the current line of storms moving through the area, that has a history of producing wind damage.

No changes to tomorrow’s forecast at this time.

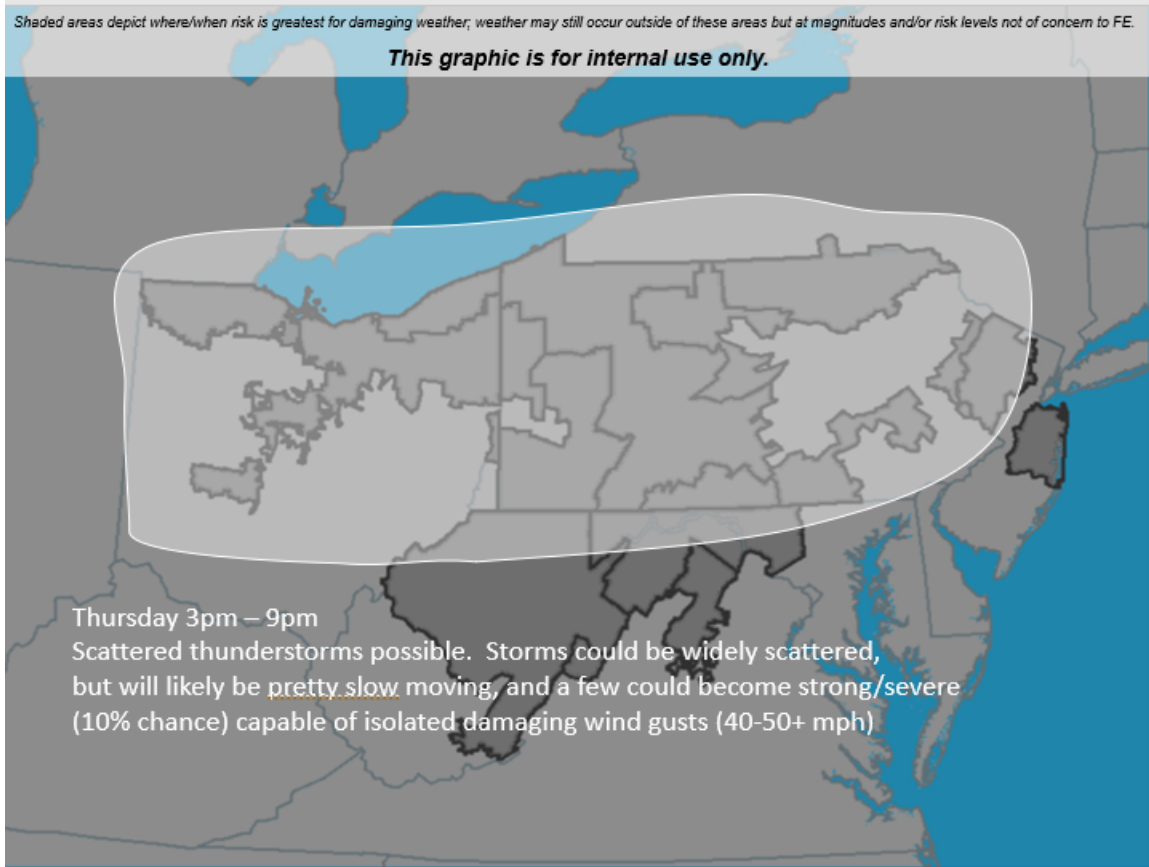
See graphics below for further information.



Penelec Storm Report



Penelec Storm Report



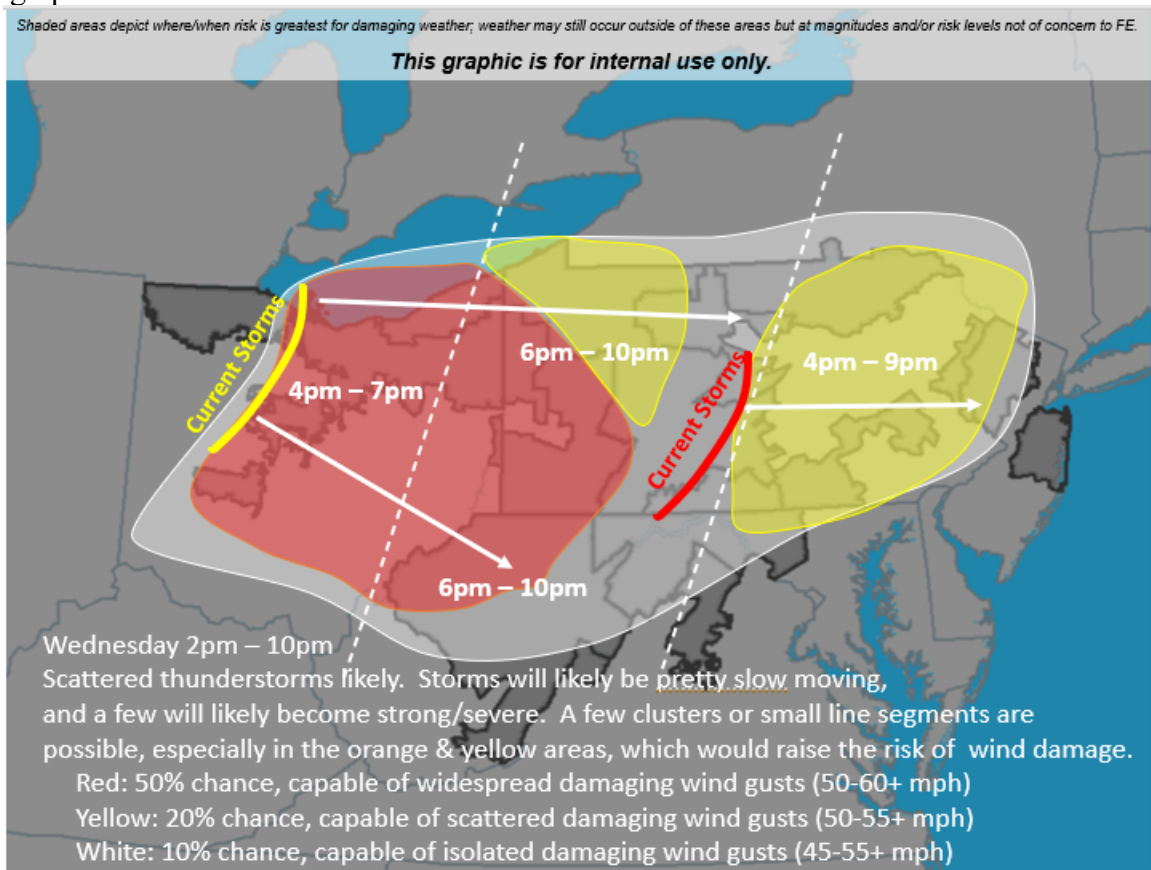
Wednesday, August 11, 2021 @ 1629

Update:

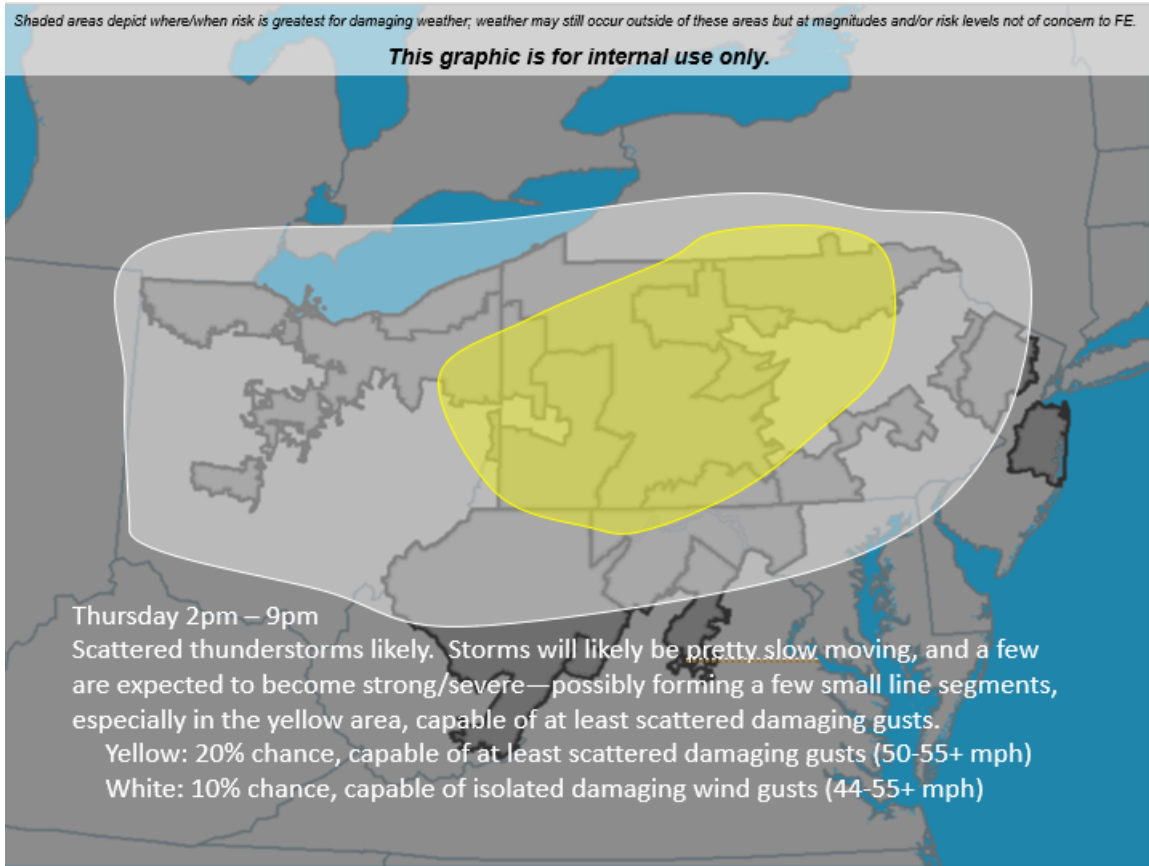
One final update. A line of strong/severe storms, with a history of damaging wind gusts, will continue to move eastward through northern Ohio and into Western Pennsylvania over the next several hours. These storms will continue to have the potential for scattered, and possibly widespread, damaging wind gusts, especially through 7pm. The line is expected to weaken eventually after sunset as it moves into central Pennsylvania, but a few damaging wind gusts will still be possible across those areas through 2200 – 2300 pm.

No changes to tomorrow’s forecast at this time.

See graphics below for further information.



Penelec Storm Report



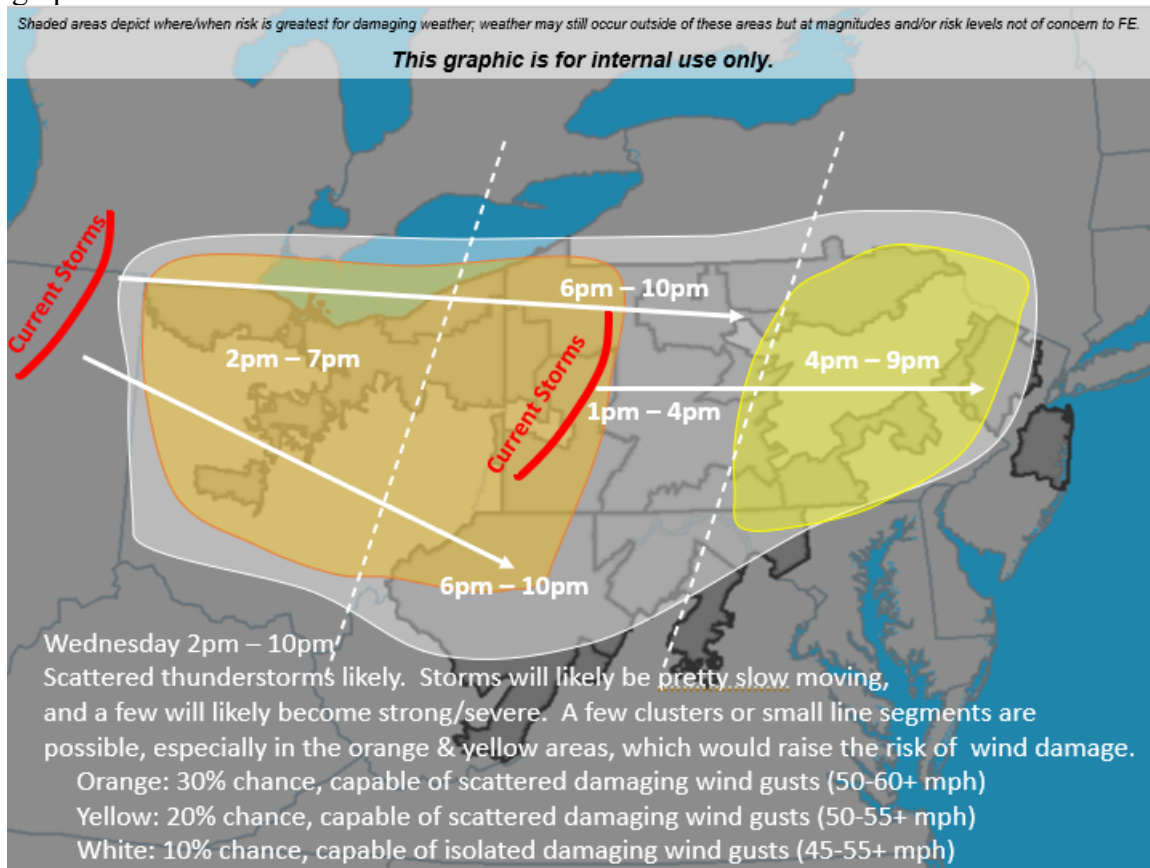
Wednesday, August 11, 2021 @ 1336

Update:

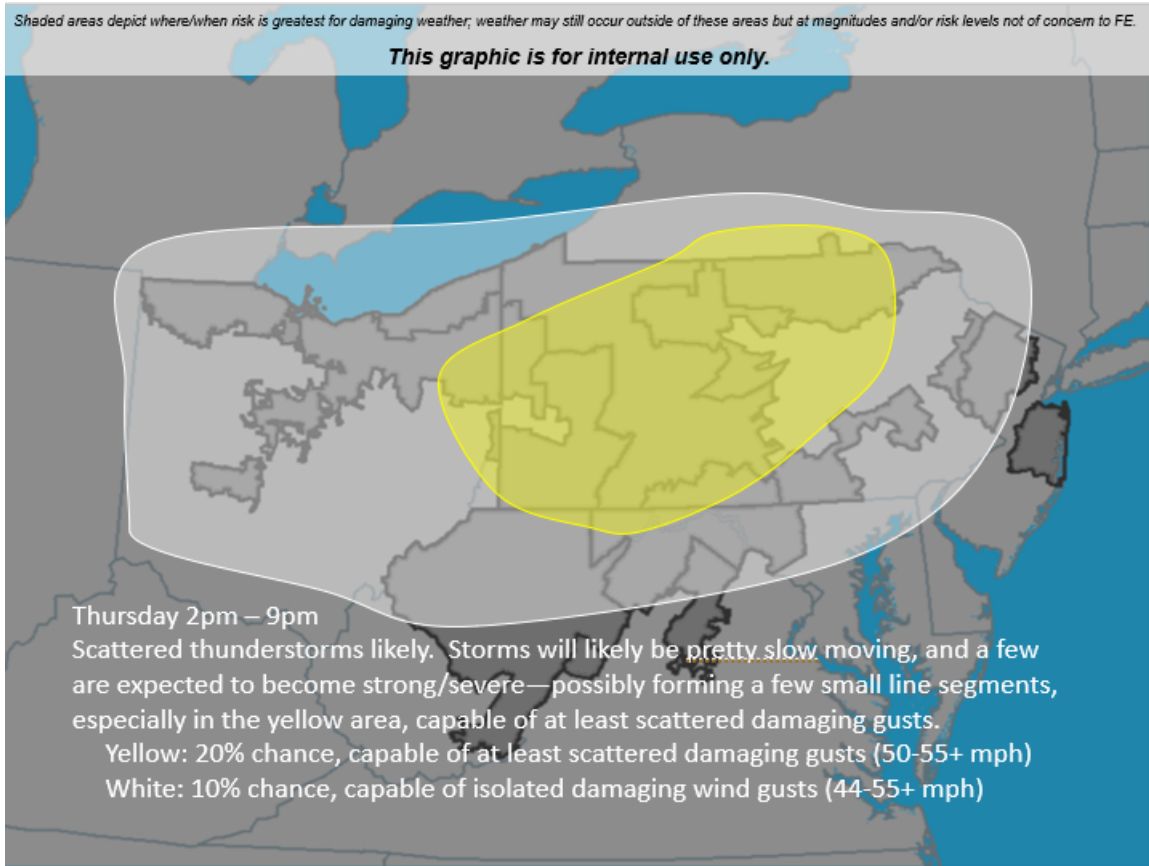
New update is needed to increase the risk of strong storms across northern Ohio/Northwest Pennsylvania this evening. A system of thunderstorms is expected to move eastward through Ohio this afternoon/evening, and strong storm activity now looks possible as it moves eastward across Ohio and into Pennsylvania later on today. Given storm activity holds together, damaging wind gusts will be increasingly possible across portions of northern Ohio and into western Pennsylvania (and perhaps northern West Virginia) as we move through sunset.

Also increased storm risk for Thursday across a belt of central FirstEnergy, where storms look to be more focused tomorrow.

See graphics below for further information.



Penelec Storm Report



Thursday, August 12, 2021 @ 0921

Update:

Minor changes to today's forecast. Pockets of strong thunderstorms will be possible across most of FirstEnergy this afternoon and evening, with areas of isolated wind damage possible. The greatest risk of strong storms is expected across western/central Pennsylvania this afternoon/evening.

Added a forecast for the possibility of a few strong storms moving into Ohio from the west early Friday morning. Confidence on this portion of the forecast is low—both regarding if storms will occur, and if they'll be able to create trouble if they do—but the risk (and odd timing) is great enough to formally mention in it in the alert this morning.

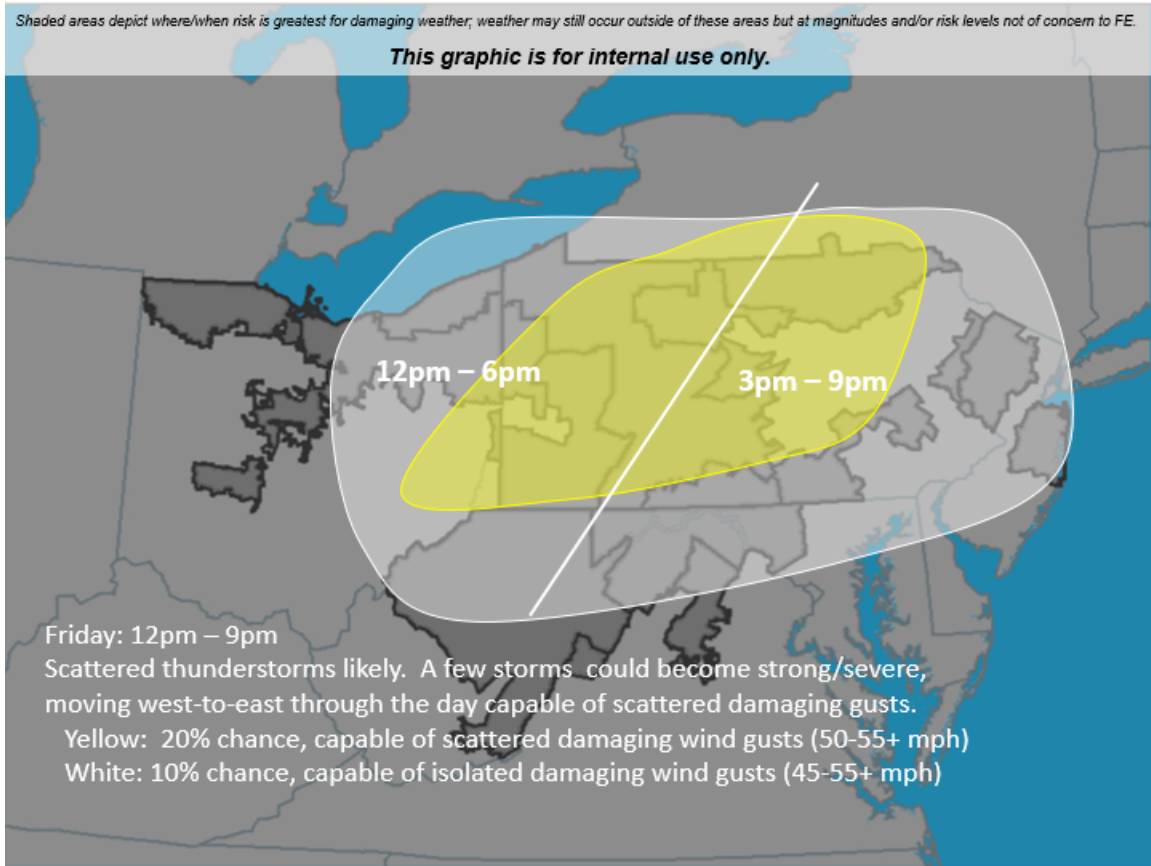
Also added a forecast for Friday. A weak cold front will move through FirstEnergy Friday, which will cause at least scattered storms, moving east, throughout the day. The greatest risk of strong storms appears to be across central and eastern Pennsylvania, but the timing and risk details may need to be updated in future alerts as the movement of the front becomes a little clearer. The good news is: once the front moves through Friday, the heat, humidity and storm risk will fall dramatically.

Given the heat and humidity, the forecast for the next 24-36 hours remains unusually fluid and uncertain. Please be aware for future weather alert updates to follow any changes in the forecast.

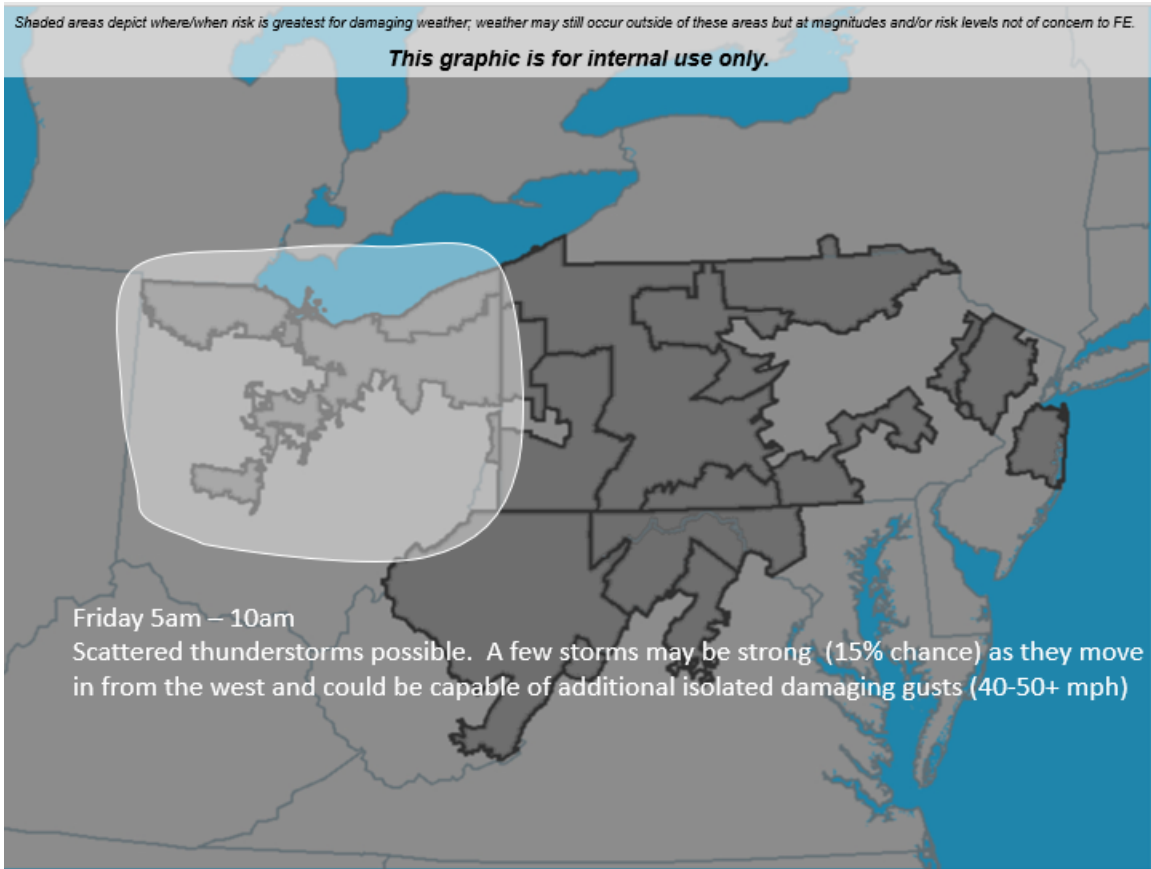
Additional note: conditions will remain hot and very, very humid through Thursday and into Friday. Heat index values will likely approach or exceed 100 degrees over most of FirstEnergy for the next two days.

See graphics below for further information.

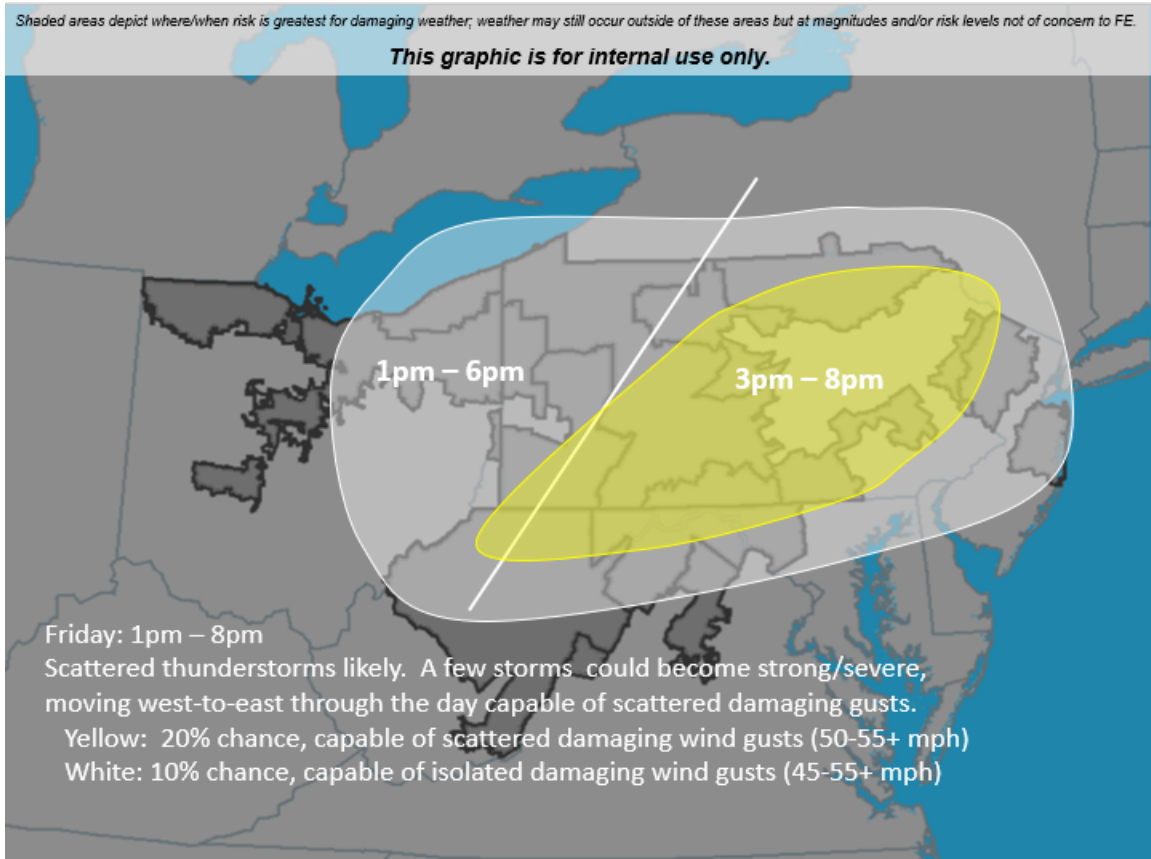
Penelec Storm Report



Penelec Storm Report



Penelec Storm Report



Thursday, August 12, 2021 @ 1203

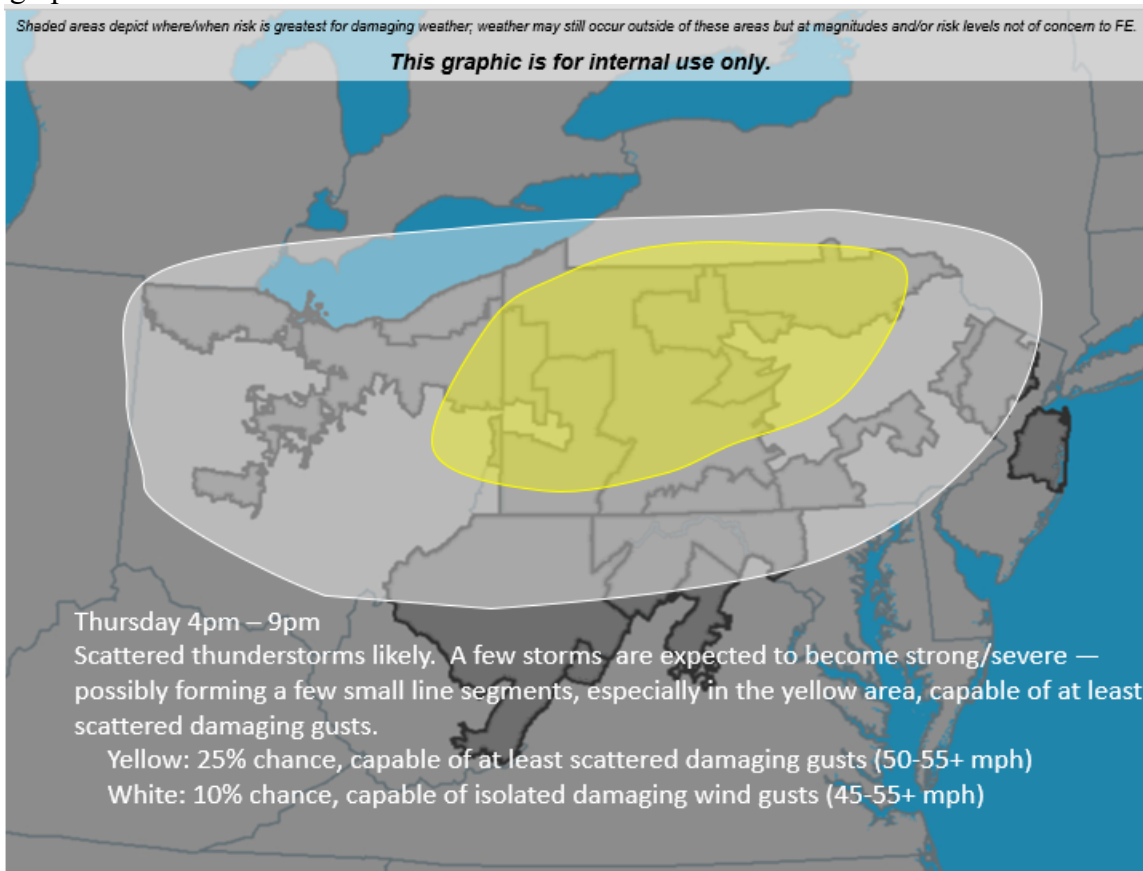
Update:

Outside of few strong thunderstorms currently ongoing in western Pennsylvania, will push back the most likely timing of storm to late this afternoon/evening. Also trimmed the far eastern edge of threat, given the later timing of storms, storms will struggle to make it that far east. Otherwise, no real changes to today’s forecast at this time.

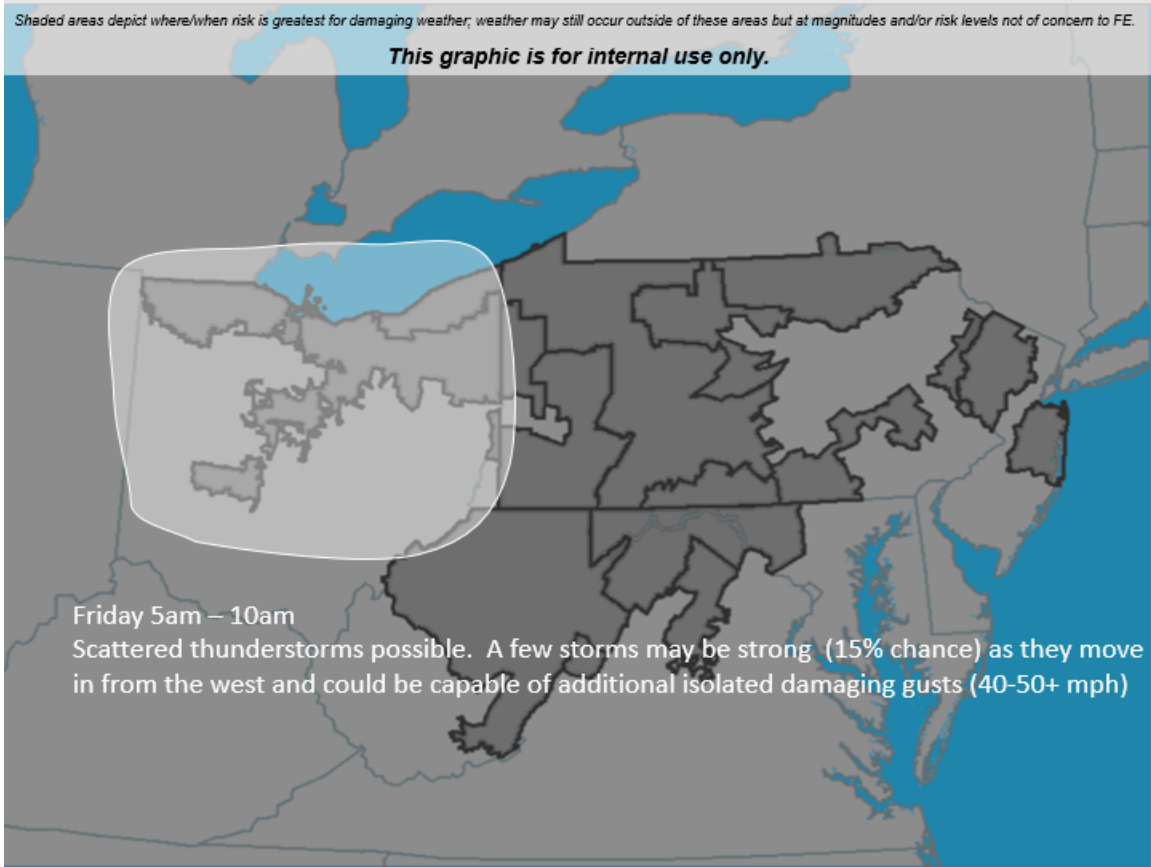
Also no changes to Friday morning’s forecast.

For Friday, pushed back timing of storms, and also dragged the risk area a bit west into central Ohio. Storms look likely to hold off until later Friday afternoon and evening due to a slower moving cool front.

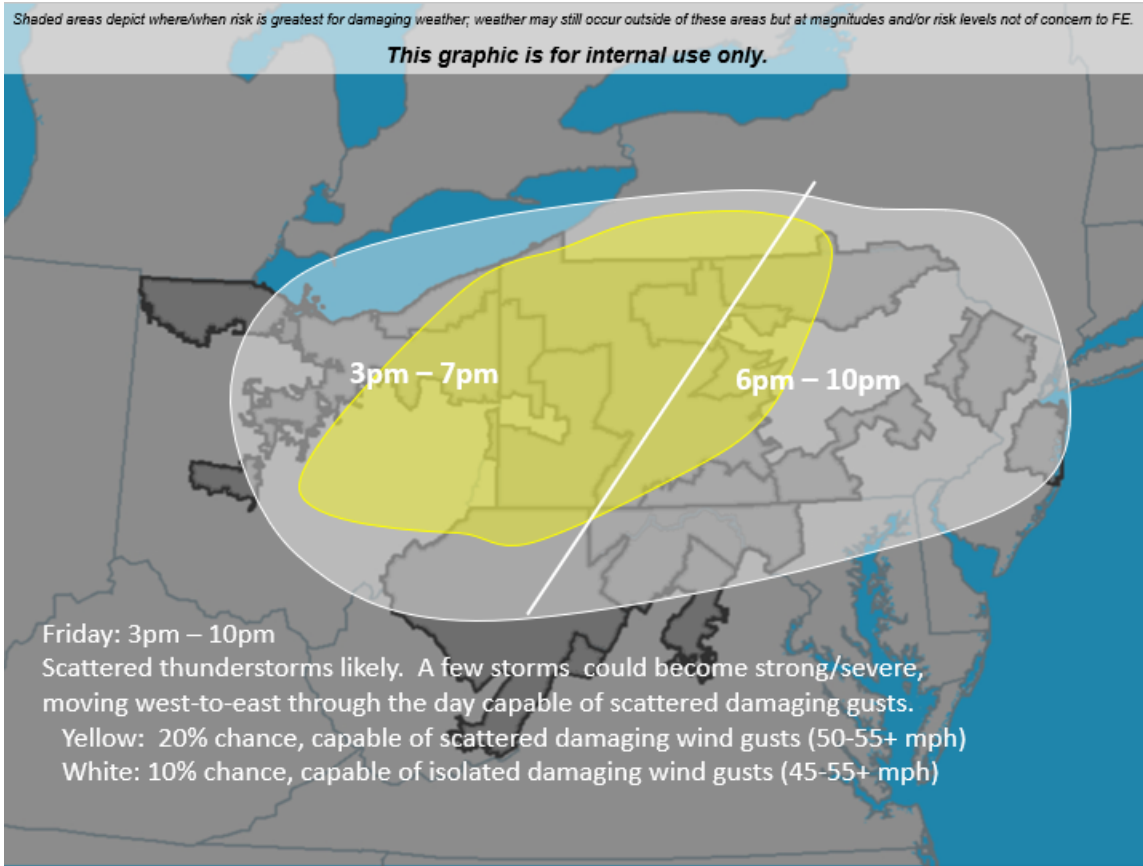
See graphics below for further information.



Penelec Storm Report



Penelec Storm Report



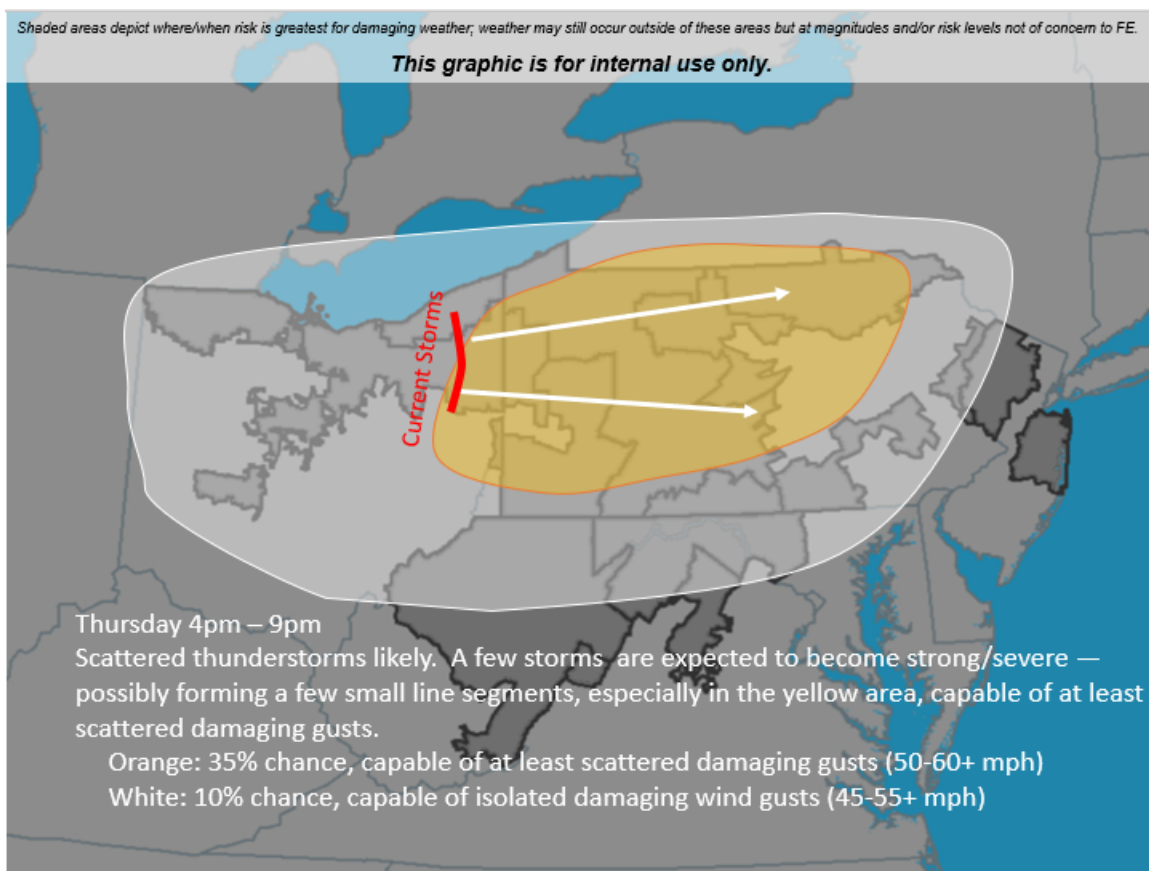
Thursday, August 12, 2021 @ 1641

Update:

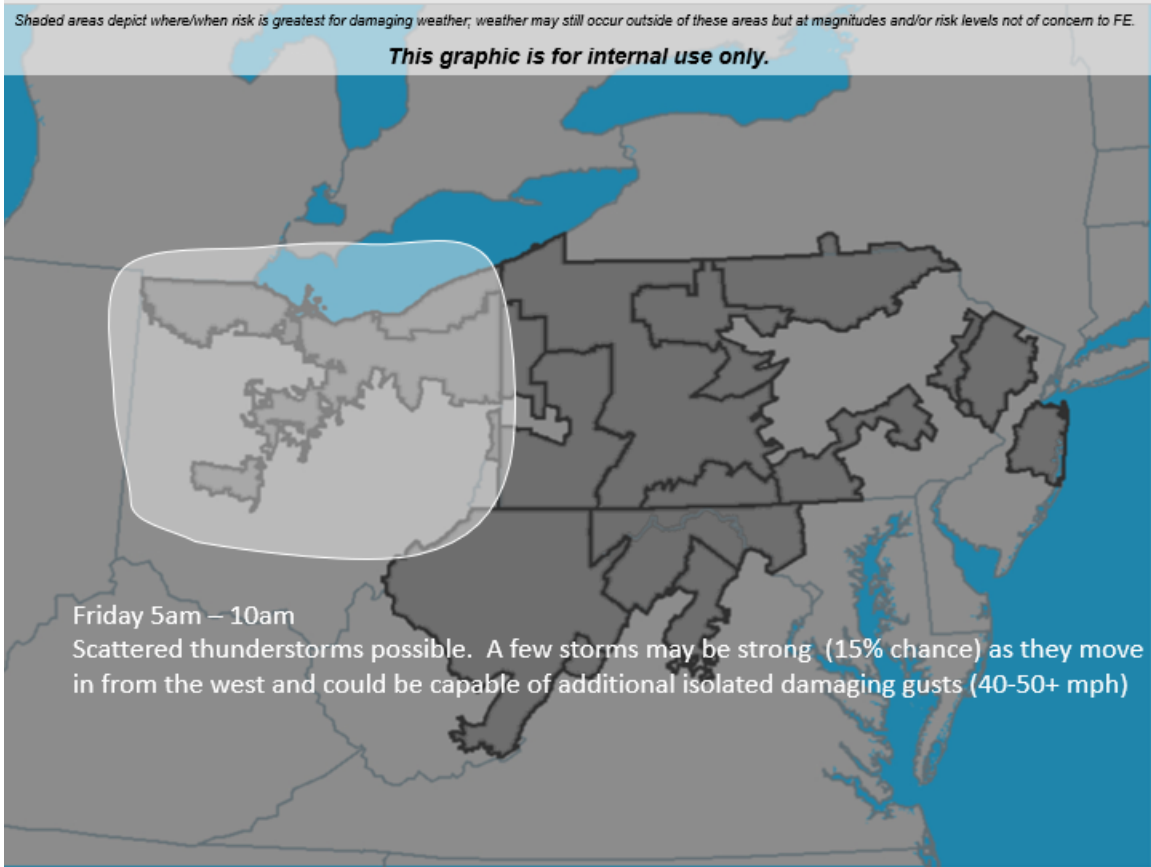
No major adjustments to the risk areas, but increasing wind gust potential for areas of eastern Ohio and western/central Pennsylvania for storms expected over the next 4-5 hours. A small cluster of strong storms, currently in eastern Ohio, will likely strengthen and grow as it moves east. Assuming storms hold together, scattered--perhaps widespread--damaging wind gusts will be possible with this system, with some gusts in excess of 60 mph possible.

No changes to Friday morning's or Friday afternoon's forecast at this time.

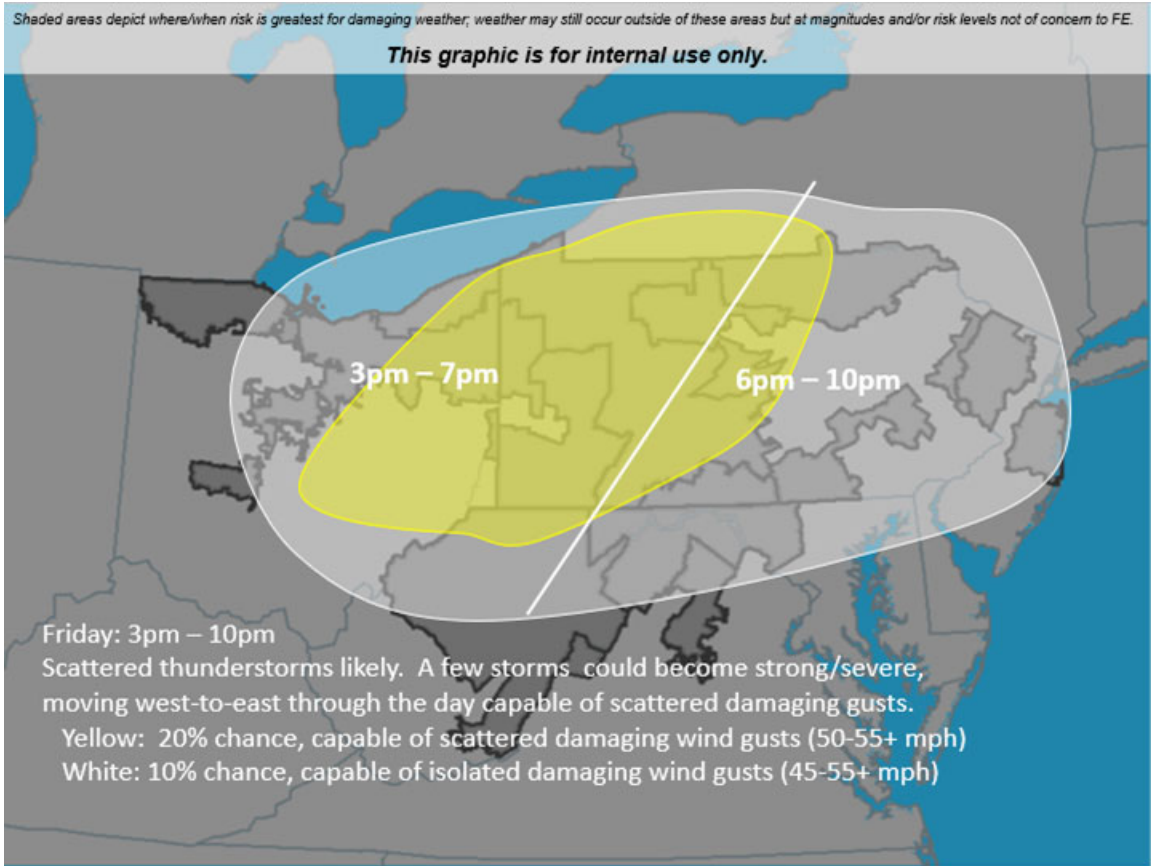
See graphics below for further information.



Penelec Storm Report



Penelec Storm Report



Friday, August 13, 2021 @ 0832

Update:

Scattered thunderstorms are likely to develop ahead of a slow moving cool front as it passes begins to pass through FirstEnergy this afternoon/evening. Storms should be a bit more widely scattered than the past few days, but the risk of a few small clusters or line segments developing this evening does exist, and any developing storm will be capable of damaging gusts.

It will also continue to be very hot and humid, with heat indexes over 100 degrees in western FirstEnergy, and nearing (or even exceeding) 110 degrees across eastern Pennsylvania and New Jersey. For areas of eastern FirstEnergy, today will actually be a few degrees warmer than yesterday. Relief from the heat will come to areas of western FirstEnergy starting this evening—central FirstEnergy overnight—and eastern FirstEnergy during the day Saturday.

See graphic below for further information.

