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June 8, 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 Power Company; Docket No. M-2021-3023564***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Pennsylvania Power Company (“Penn Power”) submits written notification of completed restoration efforts following storm conditions that began on May 21, 2022 that caused multiple service interruptions in the Penn Power service territory.

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

If you have any questions, please contact me at (610) 212-8331.

Sincerely,



Darsh Singh

Enclosures

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

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

1. Reporting Utility: Pennsylvania Power Company ("Penn Power")
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:

May 21, 2022 2210
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 24,536 (Represents 14.7% of Penn Power'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
Allegheny	26	4	15
Beaver	356	18	35
Butler	220	13	40
Crawford	33	3	8
Lawrence	1,169	41	84
Mercer	22,732	249	724
Total	24,536	328	906

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 274

(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 late Saturday afternoon on May 21, 2022 and continuing into Sunday morning on May 22, 2022, a thunderstorm producing periods of rain, lightning, and wind gusts moved into Pennsylvania including the Penn Power service territory. Wind gusts in the Penn Power service territory exceeded 59 miles per hour and portions of the service territory received up to two inches of rain. See Attachment B for the maximum wind gusts for May 21 and May 22, 2022, and the 24-hour total precipitation for May 21, 2022.

Damage as a result of the wind and rain included downed trees/power lines, damaged and broken poles/crossarms, and damaged equipment. Mercer and Lawrence counties were the hardest hit areas and sustained the majority of the damage. Approximately 84% of the total outages that occurred were tree related. Crews had difficulty with restoration activities due to the off-road location and the extensive damage related to some of the outage orders.

Preliminary data indicates the reliability impact of the storm was 120.5 minutes of SAIDI, 0.15 of SAIFI, and an overall storm CAIDI of 820.8 minutes.

(g) Projected time of restoration: The estimated time of restoration for the majority of customers was 2300 on May 23, 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
Penn Power	73	Line Workers
Monongahela Power	4	FirstEnergy Affiliate Line Workers
Ohio Edison	1	FirstEnergy Affiliate Line Workers
Penelec	32	FirstEnergy Affiliate Line Workers
West Penn	27	FirstEnergy Affiliate Line Workers
Subtotal	137	
Henkels & McCoy	16	Line Contractor
JW Didado	8	Line Contractor
Main Lite Electric	14	Line Contractor
Thayer PC	9	Line Contractor
Thompson Electric	14	Line Contractor
Subtotal	61	
Asplundh Tree Experts	20	Forestry Contractor
Davey Tree	30	Forestry Contractor
PennLine Services	19	Forestry Contractor
Townsend	13	Forestry Contractor
Wright Tree Services	19	Forestry Contractor
Subtotal	101	
Penn Power	49	Hazard Responders/Damage Assessors
Subtotal	49	
Penn Power	46	Supporting Roles
FirstEnergy	101	FirstEnergy Affiliate Supporting Roles
Contractors	4	Supporting Roles
Subtotal	151	
Grand Total	499	

- (i) The date and time of the first information of a service interruption: May 21, 2022 at 1940.

- (j) The date and time that repair crews were assembled: Crews were on duty with additional crews called in to support restoration.
- (k) The actual time that service was restored to the last affected customer: May 24, 2022 at 1630. Additionally, Penn Power was able to restore 71.6% of the impacted customers within twenty-four hours.
- (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	150
Secondary Spans Replaced	100
Crossarms Replaced	63
Cutouts Replaced	71
Poles Replaced	42
Transformers Replaced	22
Wire & Cable Replaced (feet)	29,491

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.

- (m) 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 below chart reflects a ranking of the subject event in relation to two comparable Penn Power events (based on the number and duration of outages).

Rank by Number of Outages	Operating Company	Date	Event Description	Duration (hours)	Customers Affected
1	Penn Power	February 11 to 14, 2009	High Winds	72 hours 28 minutes	33,796
2	Penn Power	May 21 to 24, 2022	High Winds & Rain	68 hours 50 minutes	24,536
3	Penn Power	April 17 to 18, 2011	High Winds	20 hours 11 minutes	22,009

Remarks: The storm statistics contained in this report are preliminary. The review and approval of the storm statistics is still in progress at the time of filing this report.

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
21422022-2	Mercer	1	4,092	05/21/2022 2018	05/24/2022 1630
21424705-3	Mercer	1	4,054	05/21/2022 1949	05/24/2022 1523
21423030-3	Mercer	1	4,040	05/21/2022 2106	05/24/2022 1626
21421423-4	Mercer	2	4,014	05/21/2022 1957	05/24/2022 1451
21421423-4	Mercer	1	4,013	05/21/2022 1957	05/24/2022 1450
21423752-3	Mercer	1	3,874	05/21/2022 2129	05/24/2022 1403
21423852-2	Mercer	5	3,857	05/21/2022 2033	05/24/2022 1250
21421023-4	Mercer	5	3,822	05/21/2022 1942	05/24/2022 1124
21424943-2	Mercer	2	3,818	05/21/2022 2028	05/24/2022 1206
21426037-2	Mercer	2	3,813	05/21/2022 2014	05/24/2022 1147
21423083-4	Mercer	1	3,775	05/21/2022 2333	05/24/2022 1428
21423420-2	Mercer	3	3,762	05/21/2022 2016	05/24/2022 1058
21422799-2	Mercer	1	3,758	05/21/2022 1956	05/24/2022 1034
21424894-4	Mercer	2	3,718	05/21/2022 2217	05/24/2022 1215
21424985-2	Mercer	3	3,706	05/21/2022 2028	05/24/2022 1014
21425103-2	Mercer	6	3,675	05/21/2022 2208	05/24/2022 1123
21421601-3	Mercer	24	3,675	05/21/2022 2003	05/24/2022 0918
21423141-2	Mercer	1	3,658	05/22/2022 0002	05/24/2022 1300
21424870-2	Mercer	3	3,644	05/21/2022 2016	05/24/2022 0900
21423664-3	Mercer	1	3,626	05/21/2022 2229	05/24/2022 1055
21421220-3	Mercer	1	3,450	05/21/2022 1951	05/24/2022 0521
21421659-2	Mercer	7	3,428	05/21/2022 2005	05/24/2022 0513
21423676-3	Mercer	7	3,371	05/21/2022 2015	05/24/2022 0426
21422997-3	Mercer	7	3,354	05/21/2022 1956	05/24/2022 0350
21423196-3	Mercer	9	3,332	05/21/2022 2042	05/24/2022 0414
21424316-3	Mercer	8	3,301	05/21/2022 2023	05/24/2022 0324
21423666-2	Mercer	6	3,292	05/21/2022 1959	05/24/2022 0251
21424797-3	Mercer	82	3,281	05/21/2022 2019	05/24/2022 0300
21423752-1	Mercer	4	3,214	05/22/2022 0829	05/24/2022 1403
21424686-2	Mercer	1	3,184	05/22/2022 0718	05/24/2022 1222
21424526-3	Mercer	3	3,181	05/21/2022 2122	05/24/2022 0223

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
21424797-3	Mercer	51	3,172	05/21/2022 2019	05/24/2022 0111
21423493-4	Mercer	15	3,167	05/21/2022 1951	05/24/2022 0038
21424721-1	Mercer	62	3,138	05/21/2022 2010	05/24/2022 0028
21422798-1	Mercer	1	3,106	05/21/2022 1958	05/23/2022 2344
21426856-2	Mercer	1	3,054	05/22/2022 0829	05/24/2022 1123
21424571-3	Mercer	3	3,042	05/22/2022 0648	05/24/2022 0930
21421987-4	Mercer	7	3,038	05/21/2022 2007	05/23/2022 2245
21421647-3	Mercer	5	2,973	05/21/2022 2053	05/23/2022 2226
21424721-2	Mercer	62	2,961	05/21/2022 2010	05/23/2022 2131
21424321-3	Mercer	3	2,956	05/22/2022 1154	05/24/2022 1310
21421987-4	Mercer	1	2,917	05/21/2022 2007	05/23/2022 2044
21421696-3	Mercer	22	2,891	05/21/2022 2007	05/23/2022 2018
21421696-3	Mercer	3	2,891	05/21/2022 2007	05/23/2022 2018
21424845-3	Mercer	18	2,890	05/21/2022 2010	05/23/2022 2020
21421154-3	Mercer	11	2,883	05/21/2022 1949	05/23/2022 1952
21422852-3	Mercer	12	2,870	05/21/2022 2018	05/23/2022 2008
21422099-2	Mercer	1	2,868	05/21/2022 2023	05/23/2022 2011
21423131-3	Mercer	6	2,862	05/21/2022 1958	05/23/2022 1940
21423496-3	Mercer	3	2,860	05/21/2022 2007	05/23/2022 1947
21423151-3	Mercer	5	2,853	05/21/2022 2024	05/23/2022 1957
21421023-4	Mercer	216	2,838	05/21/2022 1942	05/23/2022 1900
21423543-3	Mercer	3	2,821	05/22/2022 0120	05/24/2022 0021
21422105-2	Mercer	14	2,806	05/21/2022 2013	05/23/2022 1859
21423442-1	Mercer	1	2,788	05/21/2022 2006	05/23/2022 1834
21423697-3	Mercer	6	2,786	05/21/2022 2009	05/23/2022 1835
21424975-2	Mercer	1	2,768	05/21/2022 1957	05/23/2022 1805
21423316-2	Mercer	7	2,728	05/21/2022 2010	05/23/2022 1738
21425116-2	Mercer	3	2,725	05/22/2022 0303	05/24/2022 0028
21421657-6	Mercer	15	2,725	05/21/2022 2005	05/23/2022 1730
21422993-2	Mercer	1	2,722	05/21/2022 2013	05/23/2022 1735
21421139-3	Mercer	51	2,711	05/21/2022 1948	05/23/2022 1659
21423701-4	Mercer	48	2,695	05/21/2022 2002	05/23/2022 1657
21421250-3	Mercer	22	2,693	05/21/2022 1952	05/23/2022 1645
21422922-4	Mercer	1	2,674	05/21/2022 2235	05/23/2022 1909
21423762-3	Mercer	6	2,673	05/21/2022 2045	05/23/2022 1718
21424797-3	Mercer	10	2,671	05/21/2022 2019	05/23/2022 1650

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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
21421878-2	Lawrence	2	2,669	05/21/2022 2013	05/23/2022 1642
21423460-3	Mercer	27	2,669	05/21/2022 2136	05/23/2022 1805
21421023-4	Mercer	93	2,656	05/21/2022 1942	05/23/2022 1558
21424893-1	Mercer	3	2,651	05/21/2022 2029	05/23/2022 1640
21423316-2	Mercer	40	2,645	05/21/2022 2010	05/23/2022 1615
21424703-2	Mercer	9	2,619	05/21/2022 2034	05/23/2022 1613
21421349-2	Mercer	10	2,618	05/21/2022 2003	05/23/2022 1541
21423101-1	Mercer	1	2,618	05/21/2022 2344	05/23/2022 1922
21422990-3	Mercer	6	2,606	05/21/2022 2104	05/23/2022 1630
21424961-2	Mercer	3	2,601	05/21/2022 1959	05/23/2022 1520
21421987-1	Mercer	249	2,582	05/21/2022 2007	05/23/2022 1509
21424926-2	Mercer	14	2,577	05/21/2022 1956	05/23/2022 1453
21425108-2	Mercer	25	2,563	05/21/2022 2013	05/23/2022 1456
21423606-3	Mercer	9	2,561	05/22/2022 0014	05/23/2022 1855
21422312-1	Mercer	1	2,494	05/21/2022 2047	05/23/2022 1421
21422911-2	Mercer	1	2,485	05/21/2022 2230	05/23/2022 1555
21421504-3	Crawford	20	2,469	05/21/2022 1957	05/23/2022 1306
21421963-3	Crawford	11	2,440	05/21/2022 2005	05/23/2022 1245
21425230-2	Mercer	25	2,425	05/21/2022 1950	05/23/2022 1215
21423500-3	Mercer	9	2,417	05/21/2022 1955	05/23/2022 1212
21424513-3	Mercer	18	2,415	05/21/2022 2350	05/23/2022 1605
21421228-3	Mercer	18	2,389	05/21/2022 1948	05/23/2022 1137
21421762-3	Mercer	38	2,388	05/21/2022 1951	05/23/2022 1139
21421423-2	Mercer	72	2,383	05/21/2022 1957	05/23/2022 1140
21423530-1	Mercer	36	2,370	05/21/2022 2003	05/23/2022 1133
21425055-1	Mercer	38	2,362	05/21/2022 2018	05/23/2022 1140
21422000-3	Beaver	4	2,337	05/21/2022 2017	05/23/2022 1114
21426466-1	Mercer	1	2,328	05/22/2022 0557	05/23/2022 2045
21422555-2	Mercer	23	2,309	05/21/2022 1956	05/23/2022 1025
21423497-2	Mercer	40	2,297	05/21/2022 1950	05/23/2022 1007
21425090-3	Mercer	2	2,280	05/22/2022 2121	05/24/2022 1121
21421633-3	Mercer	12	2,278	05/21/2022 2004	05/23/2022 1002
21421371-2	Mercer	10	2,236	05/21/2022 1952	05/23/2022 0908
21422253-1	Mercer	9	2,211	05/21/2022 2040	05/23/2022 0931
21424994-2	Mercer	20	2,192	05/22/2022 0705	05/23/2022 1937
21421618-1	Mercer	6	2,185	05/21/2022 2003	05/23/2022 0828

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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
21421992-1	Mercer	5	2,152	05/21/2022 2016	05/23/2022 0808
21425063-2	Mercer	23	2,101	05/21/2022 2018	05/23/2022 0719
21423491-4	Mercer	215	2,055	05/21/2022 1953	05/23/2022 0608
21424951-2	Mercer	125	2,031	05/22/2022 0303	05/23/2022 1254
21421173-1	Mercer	25	2,031	05/21/2022 1950	05/23/2022 0541
21425198-2	Mercer	10	2,027	05/22/2022 0803	05/23/2022 1750
21424782-2	Mercer	11	2,019	05/22/2022 0838	05/23/2022 1817
21423628-3	Mercer	1	2,011	05/22/2022 0729	05/23/2022 1700
21426351-1	Mercer	18	1,923	05/22/2022 1012	05/23/2022 1815
21421983-3	Lawrence	25	1,876	05/21/2022 2010	05/23/2022 0326
21421181-1	Mercer	11	1,860	05/21/2022 1950	05/23/2022 0250
21422450-1	Mercer	4	1,843	05/21/2022 2012	05/23/2022 0255
21422059-3	Beaver	1	1,837	05/21/2022 2008	05/23/2022 0245
21421346-2	Mercer	9	1,835	05/21/2022 1955	05/23/2022 0230
21427036-1	Mercer	3	1,824	05/23/2022 0734	05/24/2022 1358
21424975-1	Mercer	7	1,820	05/21/2022 1957	05/23/2022 0217
21422528-3	Butler	1	1,815	05/21/2022 2109	05/23/2022 0324
21422528-3	Butler	1	1,815	05/21/2022 2109	05/23/2022 0324
21424480-1	Mercer	220	1,814	05/21/2022 2016	05/23/2022 0230
21422026-3	Mercer	1	1,812	05/21/2022 2018	05/23/2022 0230
21421440-1	Mercer	11	1,808	05/21/2022 1957	05/23/2022 0205
21421590-3	Mercer	2	1,799	05/21/2022 2001	05/23/2022 0200
21422799-1	Mercer	8	1,783	05/21/2022 1956	05/23/2022 0139
21424926-1	Mercer	30	1,735	05/21/2022 1956	05/23/2022 0051
21422991-2	Mercer	17	1,730	05/21/2022 1955	05/23/2022 0045
21423389-1	Mercer	8	1,702	05/21/2022 2010	05/23/2022 0032
21421706-3	Beaver	1	1,693	05/21/2022 2008	05/23/2022 0021
21423588-1	Mercer	5	1,665	05/21/2022 2227	05/23/2022 0212
21421346-2	Mercer	13	1,655	05/21/2022 1955	05/22/2022 2330
21425844-2	Mercer	1	1,644	05/23/2022 1131	05/24/2022 1455
21421329-2	Lawrence	15	1,635	05/21/2022 1955	05/22/2022 2310
21422242-3	Beaver	2	1,631	05/21/2022 2039	05/22/2022 2350
21422097-1	Mercer	18	1,621	05/21/2022 2014	05/22/2022 2315
21423944-3	Mercer	1	1,601	05/22/2022 0947	05/23/2022 1228
21426019-1	Mercer	1	1,582	05/22/2022 1116	05/23/2022 1338
21424286-1	Mercer	1	1,582	05/22/2022 1116	05/23/2022 1338

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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
21425071-1	Mercer	25	1,555	05/21/2022 1958	05/22/2022 2153
21425071-1	Mercer	1	1,541	05/21/2022 1958	05/22/2022 2139
21421974-1	Mercer	24	1,534	05/21/2022 2006	05/22/2022 2140
21424517-1	Mercer	10	1,519	05/22/2022 0539	05/23/2022 0658
21423974-3	Mercer	24	1,513	05/22/2022 0959	05/23/2022 1112
21421185-2	Lawrence	13	1,512	05/21/2022 1950	05/22/2022 2102
21423403-2	Mercer	12	1,508	05/22/2022 0347	05/23/2022 0455
21423620-1	Mercer	12	1,506	05/21/2022 2003	05/22/2022 2109
21425121-2	Mercer	57	1,502	05/22/2022 1652	05/23/2022 1754
21423142-3	Mercer	8	1,495	05/22/2022 0004	05/23/2022 0059
21423297-4	Mercer	129	1,495	05/21/2022 2007	05/22/2022 2102
21421501-3	Mercer	315	1,490	05/21/2022 1958	05/22/2022 2048
21421665-4	Mercer	21	1,480	05/21/2022 2005	05/22/2022 2045
21421655-2	Mercer	8	1,475	05/21/2022 2000	05/22/2022 2035
21423067-3	Lawrence	25	1,469	05/21/2022 2003	05/22/2022 2032
21421638-2	Lawrence	26	1,463	05/21/2022 2003	05/22/2022 2026
21423506-1	Mercer	85	1,460	05/21/2022 2000	05/22/2022 2020
21424960-3	Mercer	2	1,460	05/22/2022 1923	05/23/2022 1943
21421017-1	Mercer	10	1,459	05/21/2022 1941	05/22/2022 2000
21423151-1	Mercer	6	1,456	05/21/2022 2024	05/22/2022 2040
21425521-1	Mercer	2386	1,453	05/21/2022 2007	05/22/2022 2020
21423515-2	Lawrence	46	1,452	05/21/2022 2020	05/22/2022 2032
21421839-1	Lawrence	2	1,448	05/21/2022 2012	05/22/2022 2020
21424480-1	Mercer	579	1,443	05/21/2022 2016	05/22/2022 2019
21421564-1	Mercer	26	1,417	05/21/2022 2000	05/22/2022 1937
21421657-3	Mercer	52	1,408	05/21/2022 2005	05/22/2022 1933
21422801-1	Mercer	35	1,403	05/21/2022 1952	05/22/2022 1915
21422152-1	Mercer	9	1,402	05/21/2022 2028	05/22/2022 1950
21421657-3	Mercer	3	1,395	05/21/2022 2005	05/22/2022 1920
21421821-1	Mercer	34	1,383	05/21/2022 2009	05/22/2022 1912
21421816-1	Mercer	25	1,369	05/21/2022 2011	05/22/2022 1900
21423659-1	Mercer	68	1,363	05/21/2022 2032	05/22/2022 1915
21423162-3	Mercer	271	1,347	05/21/2022 1943	05/22/2022 1810
21422100-3	Mercer	138	1,346	05/21/2022 2004	05/22/2022 1830
21422100-3	Mercer	55	1,346	05/21/2022 2004	05/22/2022 1830
21424830-1	Mercer	102	1,330	05/21/2022 2017	05/22/2022 1827

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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
21424705-2	Mercer	11	1,329	05/21/2022 1949	05/22/2022 1758
21421208-1	Mercer	60	1,328	05/21/2022 1950	05/22/2022 1758
21422105-1	Mercer	12	1,318	05/21/2022 2013	05/22/2022 1811
21425904-3	Mercer	1	1,318	05/23/2022 1207	05/24/2022 1005
21423297-4	Mercer	78	1,311	05/21/2022 2007	05/22/2022 1758
21422328-2	Butler	2	1,308	05/21/2022 2048	05/22/2022 1836
21421665-3	Mercer	18	1,306	05/21/2022 2005	05/22/2022 1751
21421868-2	Beaver	1	1,305	05/21/2022 2012	05/22/2022 1757
21422203-3	Lawrence	16	1,290	05/21/2022 2008	05/22/2022 1738
21424520-1	Mercer	18	1,268	05/21/2022 2003	05/22/2022 1711
21425089-2	Mercer	1	1,238	05/22/2022 2118	05/23/2022 1756
21424601-1	Mercer	20	1,231	05/21/2022 2011	05/22/2022 1642
21424164-2	Mercer	25	1,222	05/21/2022 2007	05/22/2022 1629
21423420-1	Mercer	21	1,209	05/21/2022 2016	05/22/2022 1625
21426316-2	Mercer	1	1,206	05/23/2022 1708	05/24/2022 1314
21421679-3	Mercer	261	1,195	05/21/2022 2001	05/22/2022 1556
21422817-1	Mercer	1	1,176	05/21/2022 2202	05/22/2022 1738
21423348-2	Mercer	1453	1,172	05/21/2022 2007	05/22/2022 1539
21421696-1	Mercer	23	1,164	05/21/2022 2007	05/22/2022 1531
21421941-3	Lawrence	15	1,163	05/21/2022 2007	05/22/2022 1530
21423042-1	Lawrence	7	1,160	05/21/2022 2310	05/22/2022 1830
21422004-4	Mercer	626	1,157	05/21/2022 2008	05/22/2022 1525
21421659-1	Mercer	9	1,140	05/21/2022 2005	05/22/2022 1505
21423182-1	Mercer	69	1,134	05/21/2022 2008	05/22/2022 1502
21421823-3	Butler	3	1,134	05/21/2022 2011	05/22/2022 1505
21424598-1	Mercer	1	1,122	05/22/2022 1518	05/23/2022 1000
21423460-1	Mercer	35	1,100	05/21/2022 2136	05/22/2022 1556
21421599-1	Mercer	24	1,098	05/21/2022 2002	05/22/2022 1420
21423949-1	Mercer	67	1,086	05/21/2022 1959	05/22/2022 1405
21426313-2	Mercer	1	1,079	05/23/2022 1706	05/24/2022 1105
21421680-2	Lawrence	2	1,010	05/21/2022 2006	05/22/2022 1256
21426256-2	Mercer	2	986	05/23/2022 1829	05/24/2022 1055
21423437-1	Mercer	129	981	05/21/2022 2019	05/22/2022 1240
21421878-1	Lawrence	11	957	05/21/2022 2013	05/22/2022 1210
21426450-2	Beaver	2	946	05/23/2022 1939	05/24/2022 1125
21421939-2	Lawrence	8	944	05/21/2022 2014	05/22/2022 1158

Penn Power 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
21423613-1	Mercer	10	938	05/22/2022 0712	05/22/2022 2250
21423613-1	Mercer	9	928	05/22/2022 0712	05/22/2022 2240
21425136-1	Mercer	5	925	05/22/2022 2251	05/23/2022 1416
21424419-2	Mercer	1	920	05/22/2022 1240	05/23/2022 0400
21425229-2	Mercer	2	887	05/23/2022 0545	05/23/2022 2032
21424712-1	Mercer	4	871	05/22/2022 1320	05/23/2022 0351
21423824-1	Mercer	9	863	05/22/2022 0859	05/22/2022 2322
21422131-1	Lawrence	1	862	05/21/2022 2026	05/22/2022 1048
21425110-2	Mercer	2	850	05/22/2022 2200	05/23/2022 1210
21425112-1	Mercer	1	847	05/22/2022 2203	05/23/2022 1210
21422895-3	Beaver	23	843	05/21/2022 2220	05/22/2022 1223
21422905-1	Mercer	1	843	05/21/2022 2227	05/22/2022 1230
21422895-3	Beaver	2	843	05/21/2022 2220	05/22/2022 1223
21426484-2	Mercer	1	833	05/23/2022 2121	05/24/2022 1114
21421999-1	Mercer	82	831	05/21/2022 2017	05/22/2022 1008
21421665-1	Mercer	10	830	05/21/2022 2005	05/22/2022 0955
21421384-3	Mercer	1022	823	05/21/2022 1950	05/22/2022 0933
21423850-2	Lawrence	6	795	05/22/2022 0919	05/22/2022 2234
21423589-3	Beaver	2	782	05/22/2022 0705	05/22/2022 2007
21425090-1	Mercer	6	729	05/22/2022 2121	05/23/2022 0930
21426515-3	Lawrence	3	724	05/23/2022 2311	05/24/2022 1115
21422005-1	Mercer	92	709	05/21/2022 2017	05/22/2022 0806
21423480-1	Mercer	22	678	05/21/2022 1959	05/22/2022 0717
21422059-1	Beaver	19	677	05/21/2022 2008	05/22/2022 0725
21424493-2	Lawrence	4	672	05/22/2022 1333	05/23/2022 0045
21423491-1	Mercer	24	663	05/21/2022 1953	05/22/2022 0656
21421818-1	Mercer	315	659	05/21/2022 1958	05/22/2022 0657
21421482-1	Mercer	81	630	05/21/2022 1948	05/22/2022 0618
21423491-1	Mercer	48	628	05/21/2022 1953	05/22/2022 0621
21421592-1	Beaver	55	580	05/21/2022 1950	05/22/2022 0530
21421611-1	Mercer	336	576	05/21/2022 2000	05/22/2022 0536
21424571-1	Mercer	9	562	05/22/2022 0648	05/22/2022 1610
21421561-1	Mercer	86	560	05/21/2022 2000	05/22/2022 0520
21426401-2	Mercer	1	523	05/23/2022 1845	05/24/2022 0328
21422997-1	Mercer	87	511	05/21/2022 1956	05/22/2022 0427
21421983-1	Lawrence	13	510	05/21/2022 2010	05/22/2022 0440

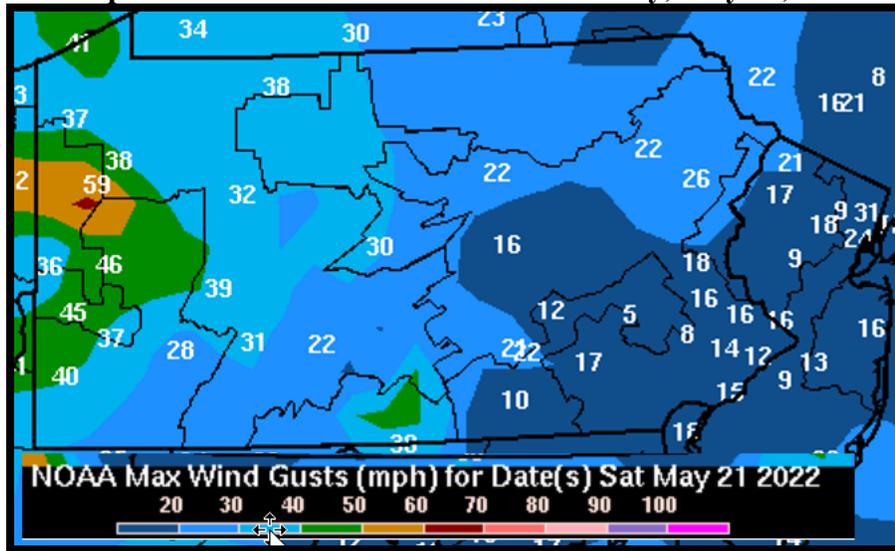
Penn Power Storm Report

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
21421144-2	Lawrence	224	501	05/21/2022 1948	05/22/2022 0409
21421144-2	Lawrence	33	499	05/21/2022 1948	05/22/2022 0407
21421657-1	Mercer	244	487	05/21/2022 2005	05/22/2022 0412
21422493-1	Butler	2	485	05/21/2022 2110	05/22/2022 0515
21423830-1	Lawrence	2	472	05/22/2022 0912	05/22/2022 1704
21421228-1	Mercer	124	457	05/21/2022 1948	05/22/2022 0325
21422385-1	Mercer	316	452	05/21/2022 1948	05/22/2022 0320
21421526-2	Lawrence	31	446	05/21/2022 1959	05/22/2022 0325
21422539-1	Butler	1	445	05/21/2022 2115	05/22/2022 0440
21423434-1	Lawrence	16	435	05/21/2022 2145	05/22/2022 0500
21424938-1	Mercer	17	426	05/22/2022 1858	05/23/2022 0204
21421447-1	Lawrence	20	423	05/21/2022 1951	05/22/2022 0254
21421590-1	Mercer	17	418	05/21/2022 2001	05/22/2022 0259
21423850-1	Lawrence	3	415	05/22/2022 0919	05/22/2022 1614
21425244-1	Mercer	1	413	05/23/2022 0639	05/23/2022 1332
21423451-2	Lawrence	58	412	05/22/2022 0511	05/22/2022 1203
21424872-1	Lawrence	5	412	05/22/2022 1751	05/23/2022 0043
21426135-1	Mercer	2	407	05/23/2022 1442	05/23/2022 2129
21422482-1	Beaver	2	388	05/21/2022 2112	05/22/2022 0340
21421137-1	Lawrence	58	377	05/21/2022 1946	05/22/2022 0203
21421137-1	Lawrence	34	377	05/21/2022 1946	05/22/2022 0203
21422109-1	Beaver	1	375	05/21/2022 2024	05/22/2022 0239
21423071-1	Lawrence	20	374	05/21/2022 2059	05/22/2022 0313
21422004-3	Mercer	646	369	05/21/2022 2008	05/22/2022 0217
21422251-1	Butler	1	369	05/21/2022 2040	05/22/2022 0249
21426204-2	Mercer	9	365	05/23/2022 1535	05/23/2022 2140
21421636-1	Lawrence	12	364	05/21/2022 2004	05/22/2022 0208

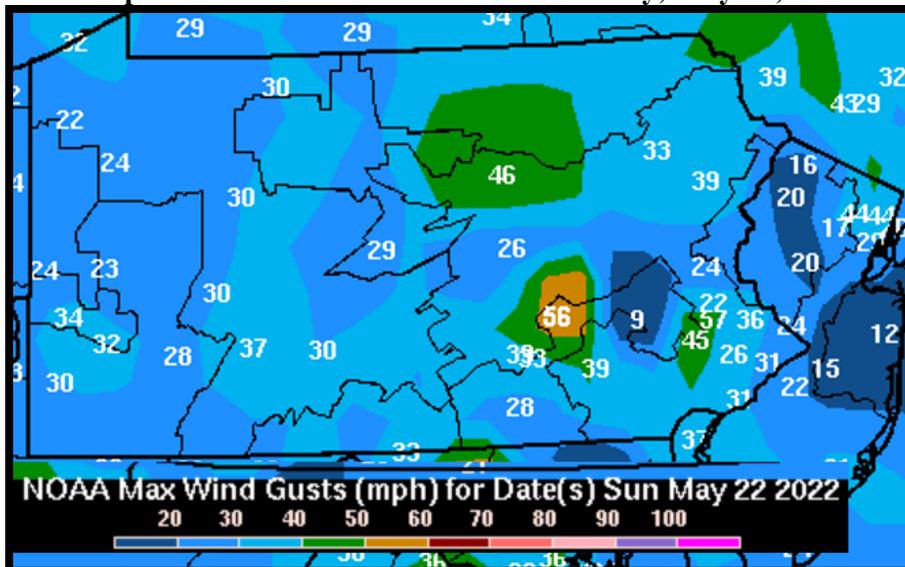
Attachment B: FirstEnergy Wind and Precipitation Report

Wind and Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the Penn Power service territory on May 21, 2022 and May 22, 2022. Graphics 2 illustrates the 24-Hour Total Precipitation in the Penn power service territory on May 21, 2022. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

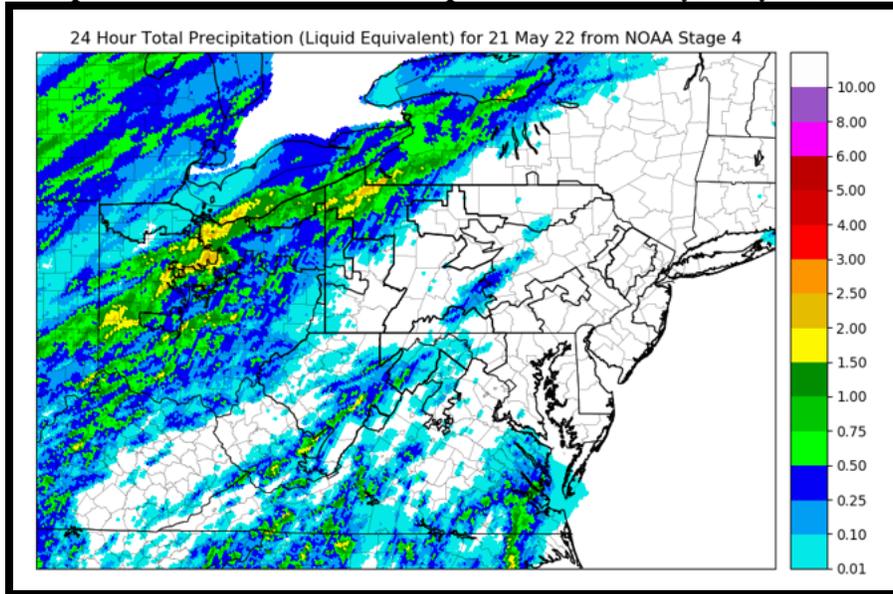
Graphic 1: Maximum Wind Gusts: Saturday, May 21, 2022



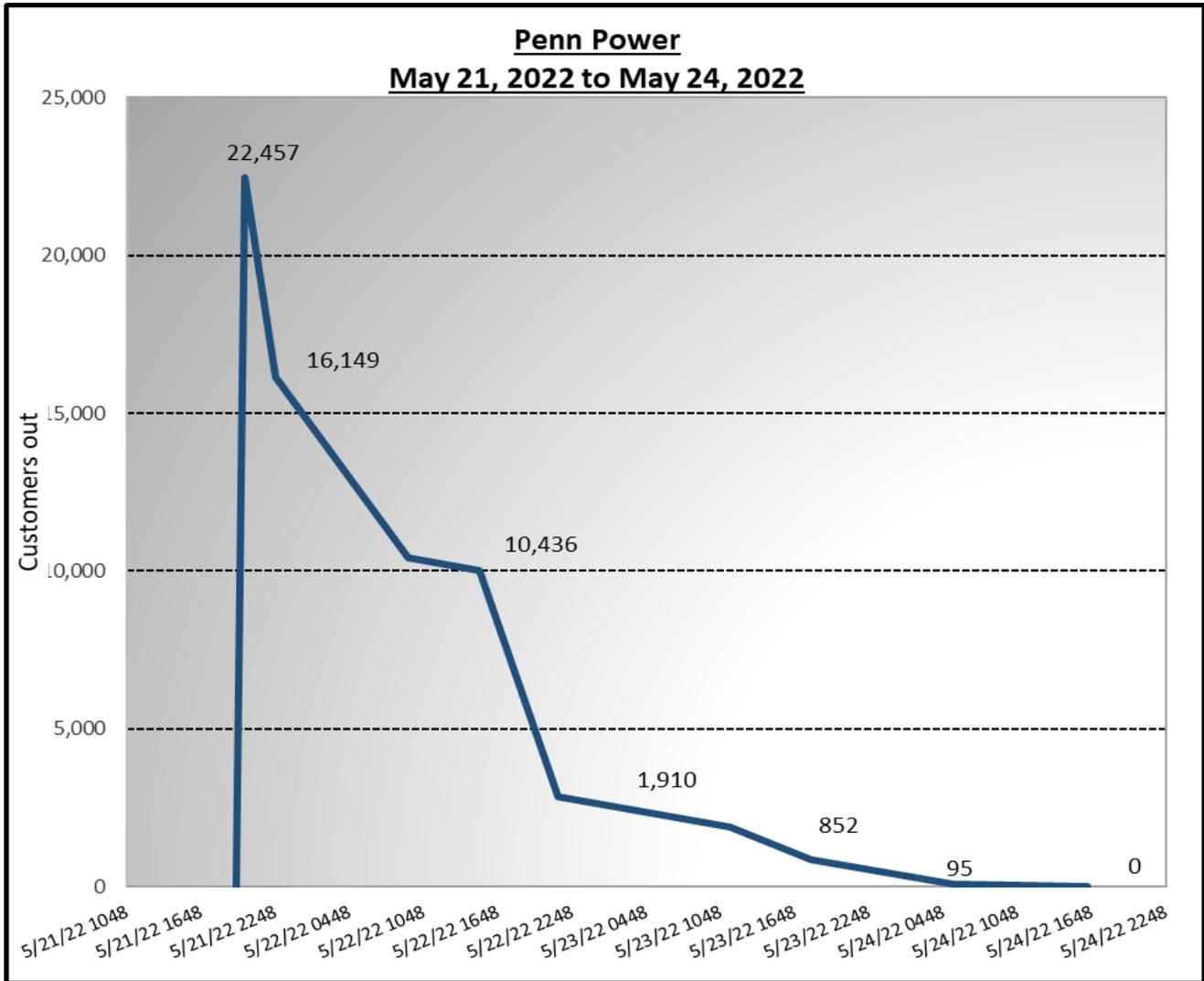
Graphic 2: Maximum Wind Gusts: Sunday, May 22, 2022



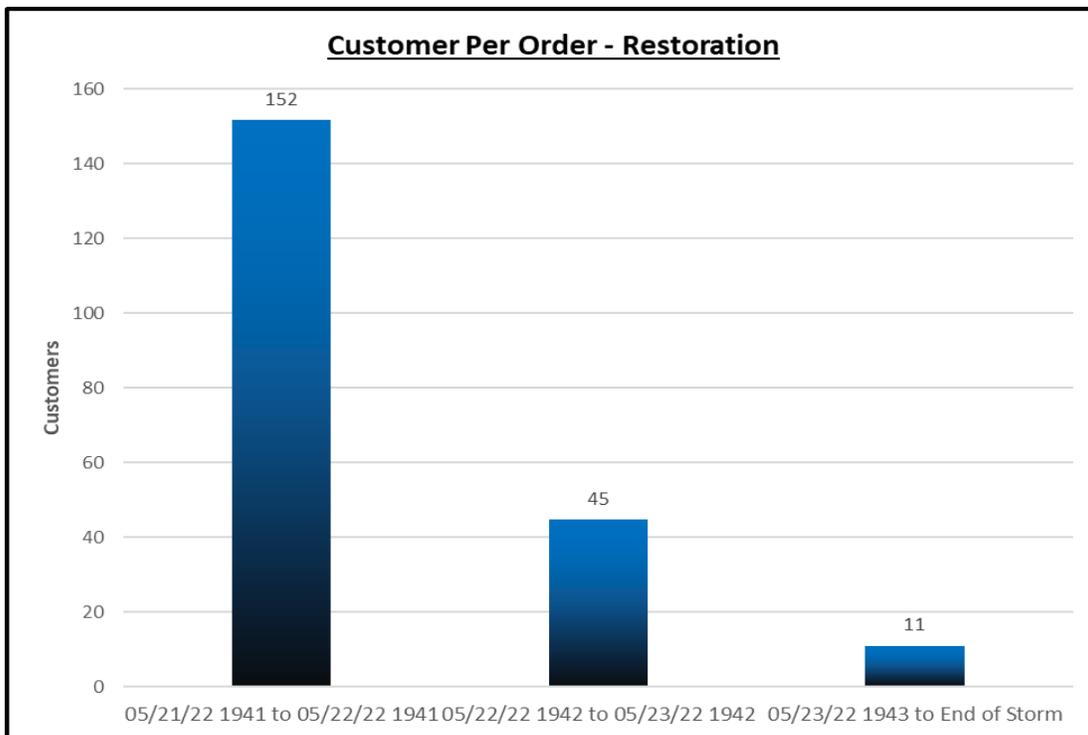
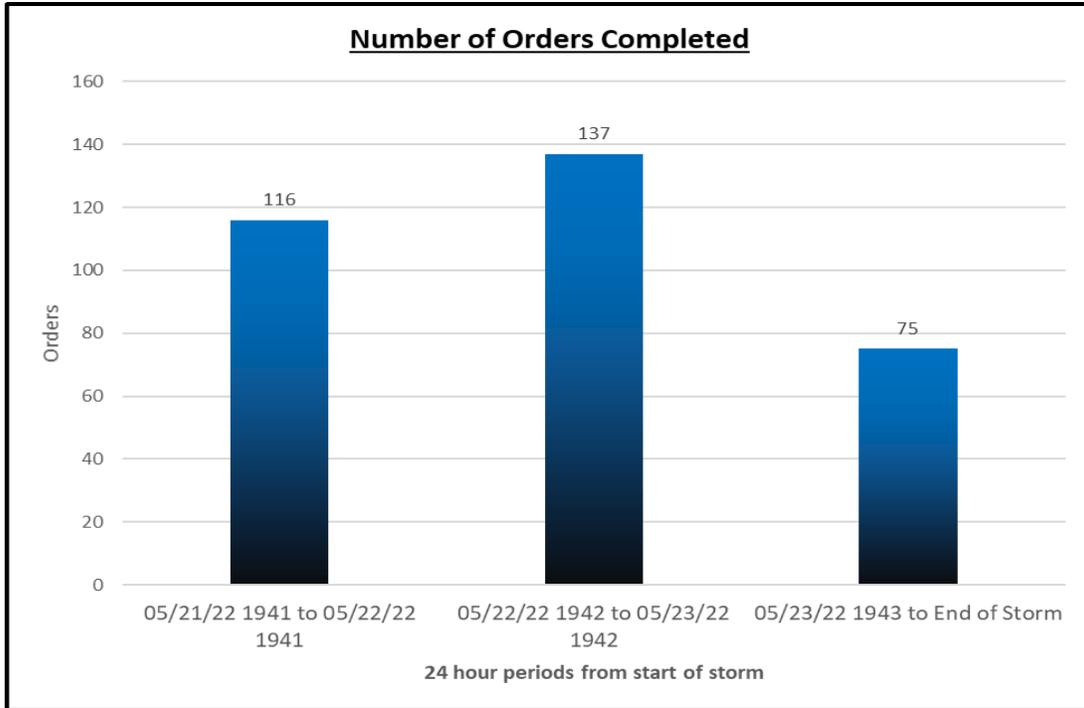
Graphic 3: 24-Hour Total Precipitation: Saturday, May 21, 2022



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: FirstEnergy Meteorologist Reports

Friday May 20, 2022 @ 0908

New Issuance:

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

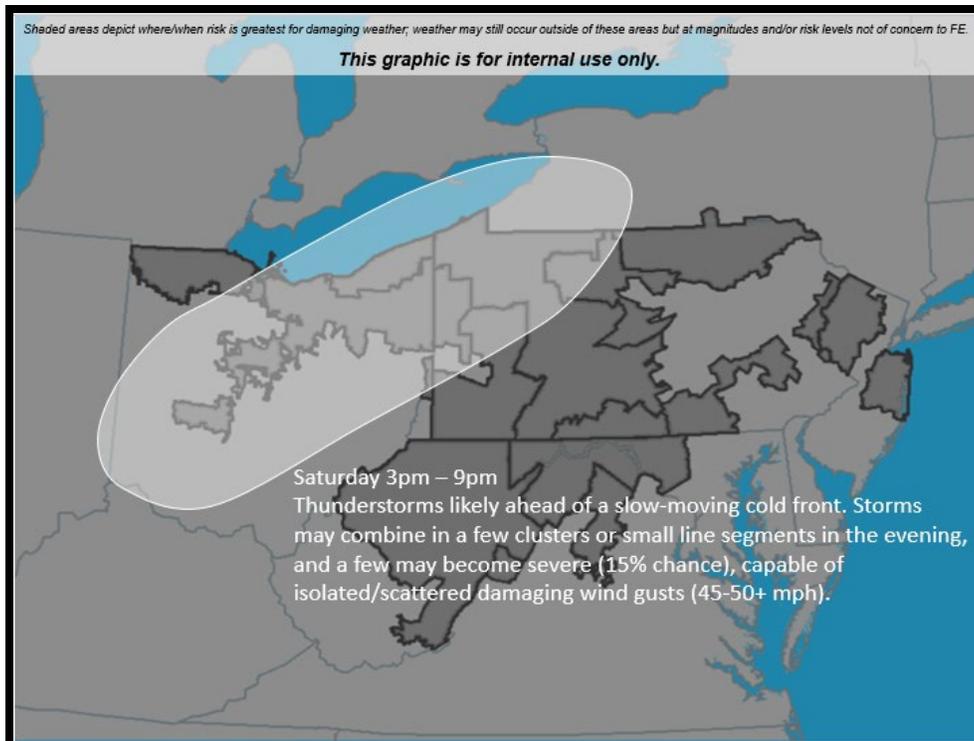
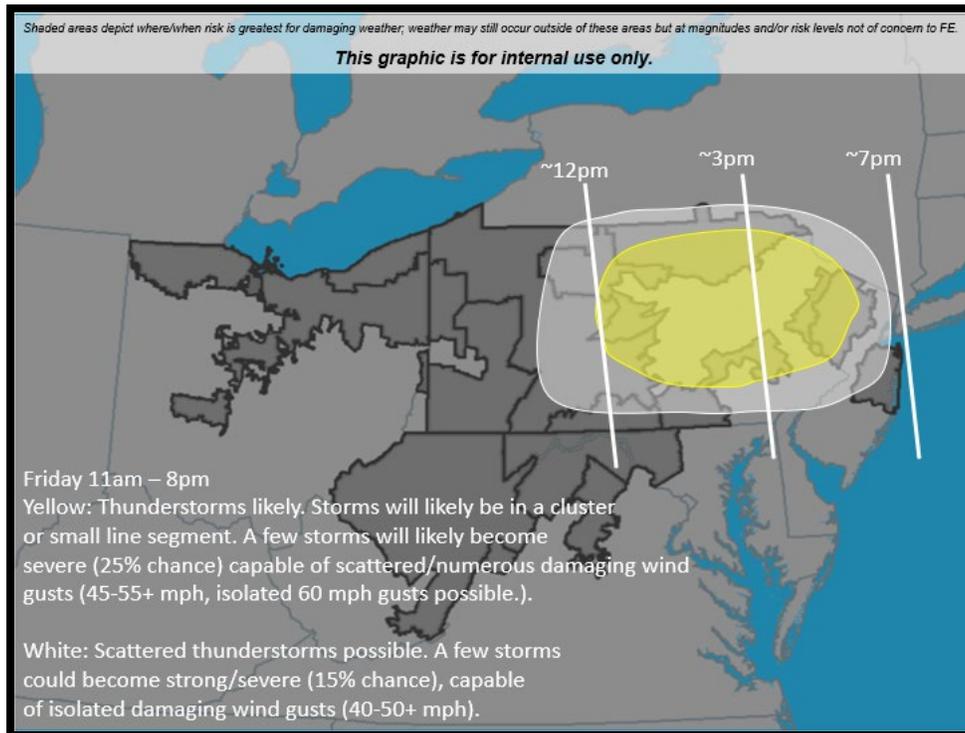
Friday: A complex of thunderstorms currently in western OH will continue to move eastward throughout the day. It is expected that this complex will re-gain intensity later this afternoon as it moves through central/eastern PA and perhaps into NJ. Scattered—perhaps numerous—pockets of damaging wind gusts and locally heavy rainfall will be possible with this system.

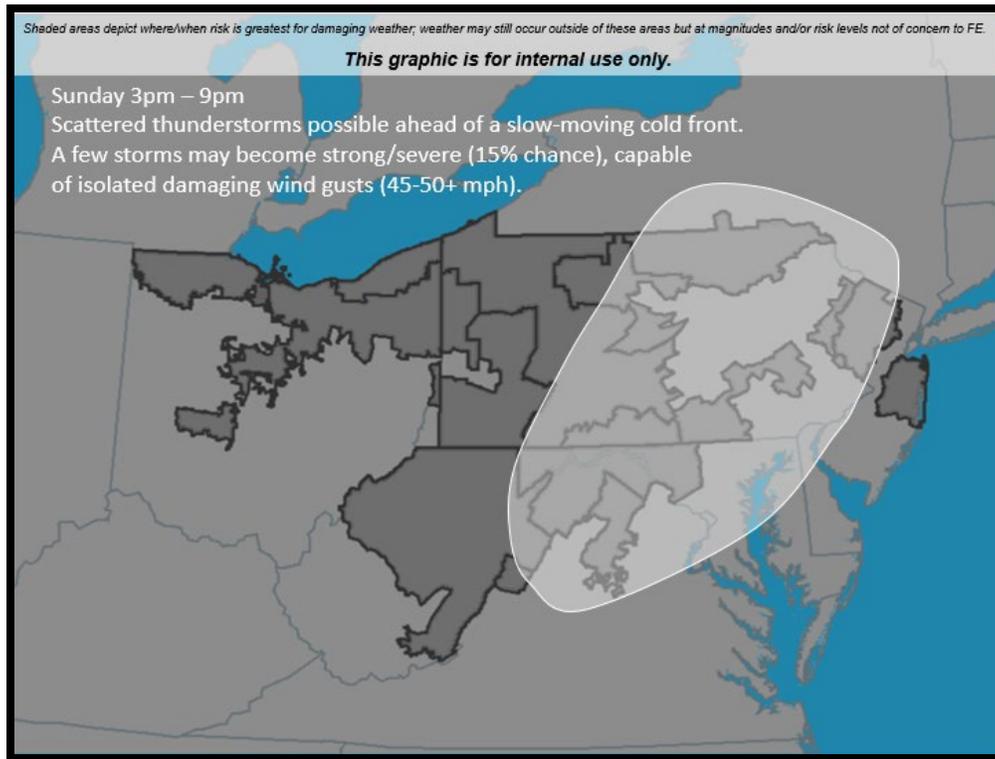
Saturday: A slow moving cold front will enter OH during the afternoon. Given the high heat and humidity, a round of thunderstorms is likely to develop along/ahead of this front, and pockets of damaging wind gusts will be possible.

Sunday: The cold front will push eastward into central/eastern FE during the day Sunday. Again, given the high heat and humidity that will be in place, thunderstorms are likely to redevelop as the front moves east. Scattered damaging wind gusts will again be possible before the cold front moves offshore late Sunday evening.

As mentioned previously, abnormally hot and humid conditions will affect nearly all of FE Friday/Saturday/Sunday. Accordingly, dangerous heat and random thunderstorms will be possible across the FE footprint, even if not specifically indicated in a formal weather alert.

See graphics below for further information.





Friday, May 20, 2022 @ 1234

Update:

Expanded today (Friday's) thunderstorm alert area south to include areas of MD this afternoon/evening. Also increased possibility of damaging wind gusts, and increased the risk of a few significant wind gusts (60+ mph) throughout the afternoon.

A complex of thunderstorms across central PA/western MD has organized and begun to intensify this morning. Given expected conditions this afternoon/evening, this line of storms is expected to continue to maintain/intensify as it moves eastward throughout the day. Pockets of damaging wind gusts, a few possibly in excess of 60 mph, will be possible—especially across areas of central/eastern PA and eastern MD later this afternoon.

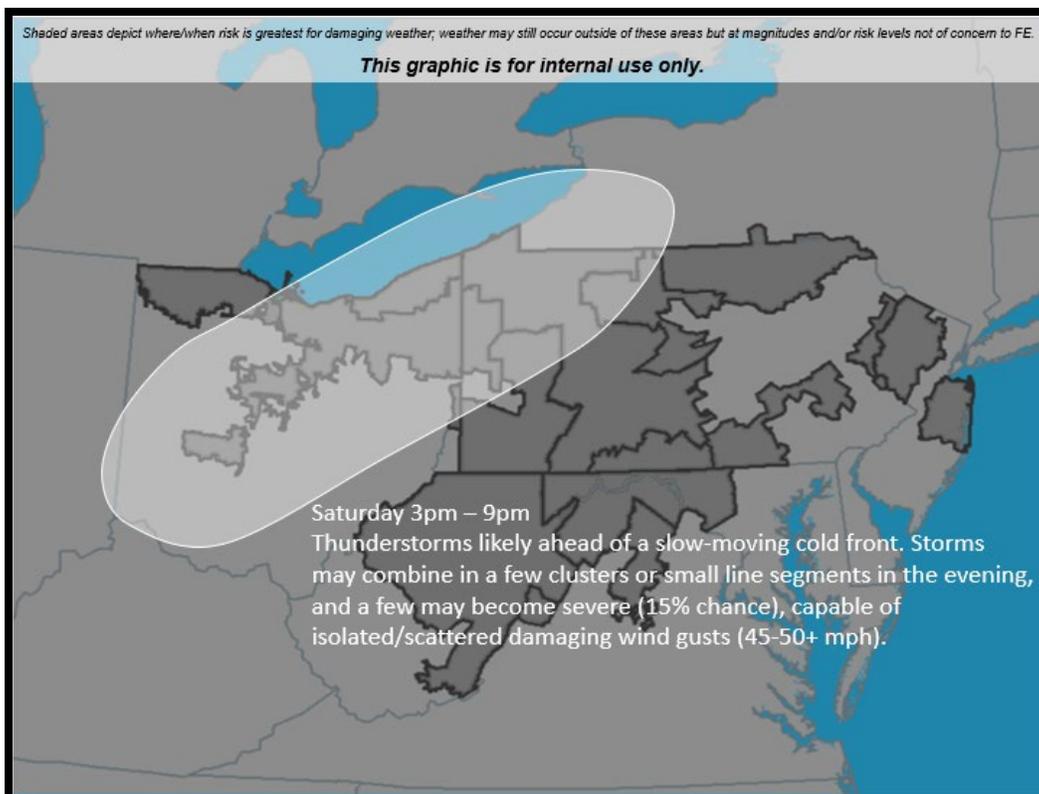
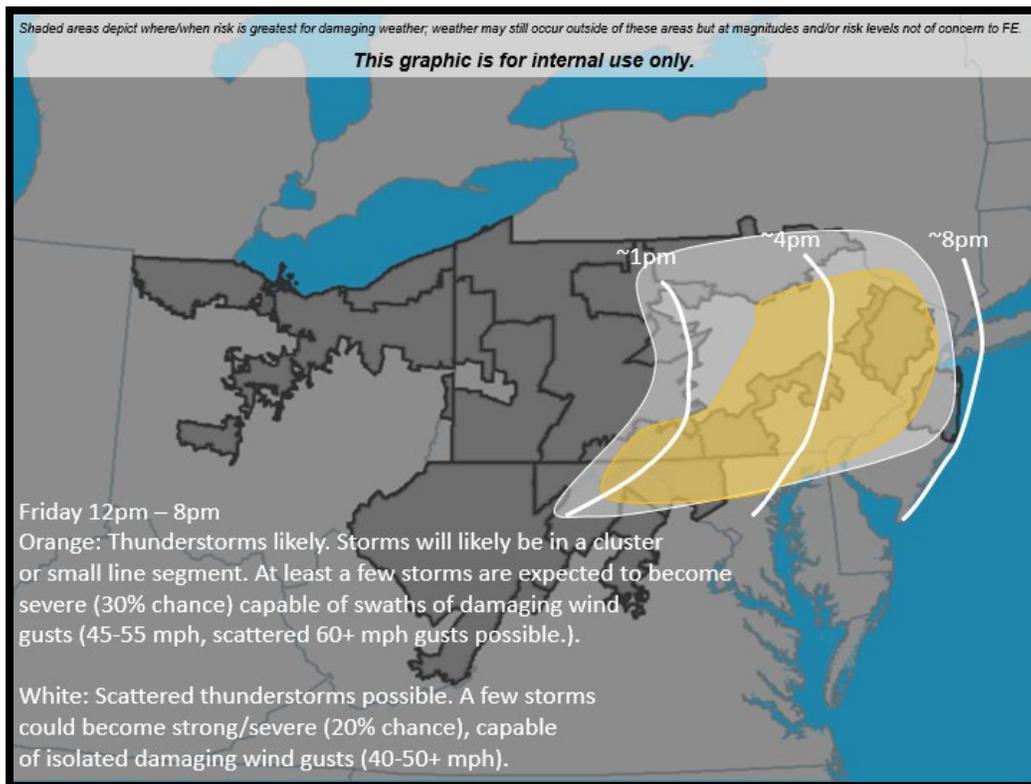
See updated first graphic below for further information. No other changes to the forecast at this time.

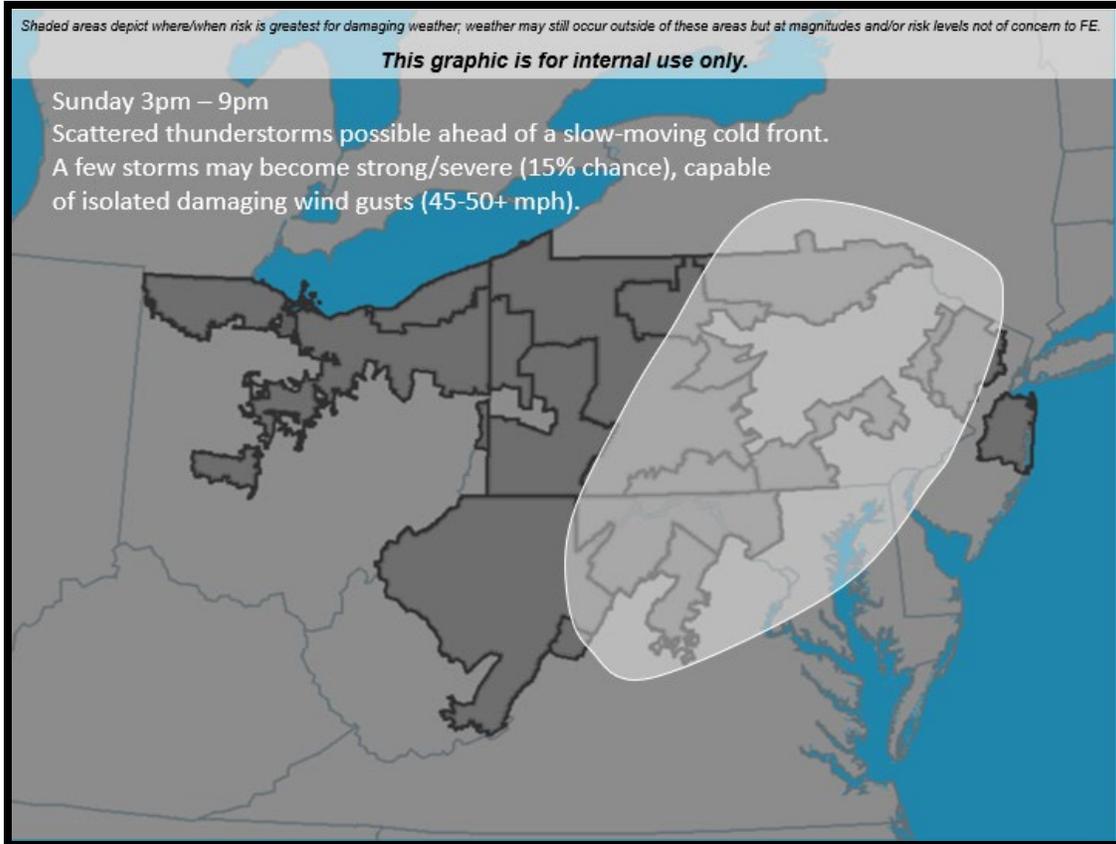
Saturday: A slow moving cold front will enter OH during the afternoon. Given the high heat and humidity, a round of thunderstorms is likely to develop along/ahead of this front, and pockets of damaging wind gusts will be possible.

Sunday: The cold front will push eastward into central/eastern FE during the day Sunday. Again, given the high heat and humidity that will be in place, thunderstorms are likely to redevelop as the front moves east. Scattered damaging wind gusts will again be possible before the cold front moves offshore late Sunday evening.

As mentioned previously, abnormally hot and humid conditions will affect nearly all of FE Friday/Saturday/Sunday. Accordingly, dangerous heat and random thunderstorms will be possible across the FE footprint, even if not specifically indicated in a formal weather alert.

See graphics below for further information.





Saturday, May 21, 2022 @ 0859

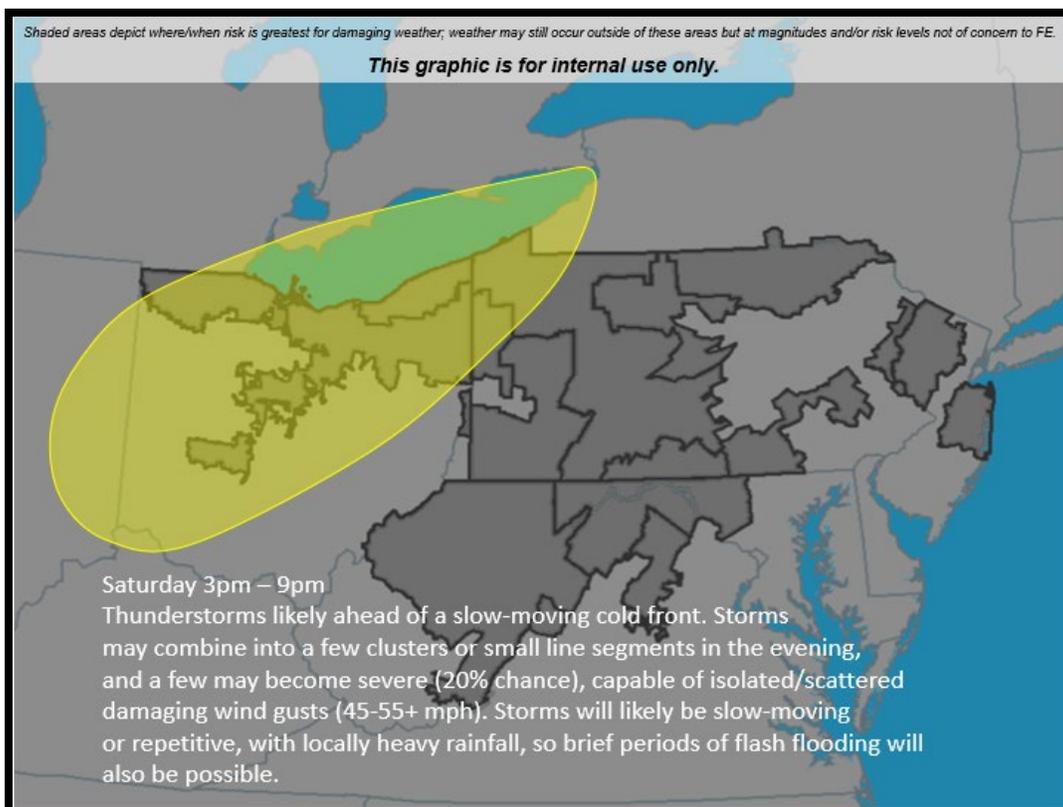
Update:

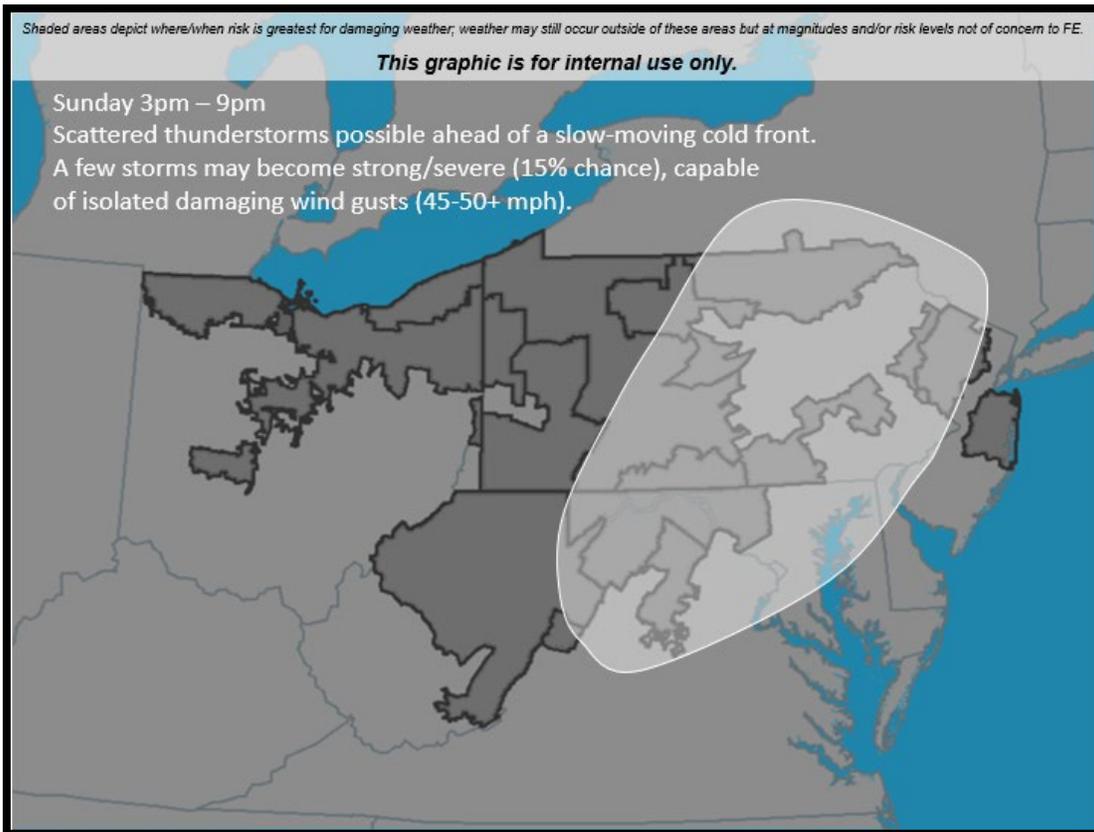
Saturday: Slight increase in damaging wind gust risk, mainly due to the expected widespread nature of thunderstorm development late this afternoon/evening. Also made mention of slow moving/repetitive thunderstorms, which when paired with the potential for locally heavy rainfall, may create localized areas of flooding.

Sunday: Isolated/scattered thunderstorms remain likely across portions of eastern FE during the afternoon/evening—but there are no changes to this forecast at this time.

As mentioned previously, abnormally hot and humid conditions will affect nearly all of FE Saturday/Sunday. Accordingly, dangerous heat and random thunderstorms will be possible across the FE footprint, even if not specifically indicated in a formal weather alert.

See graphics below for further information.



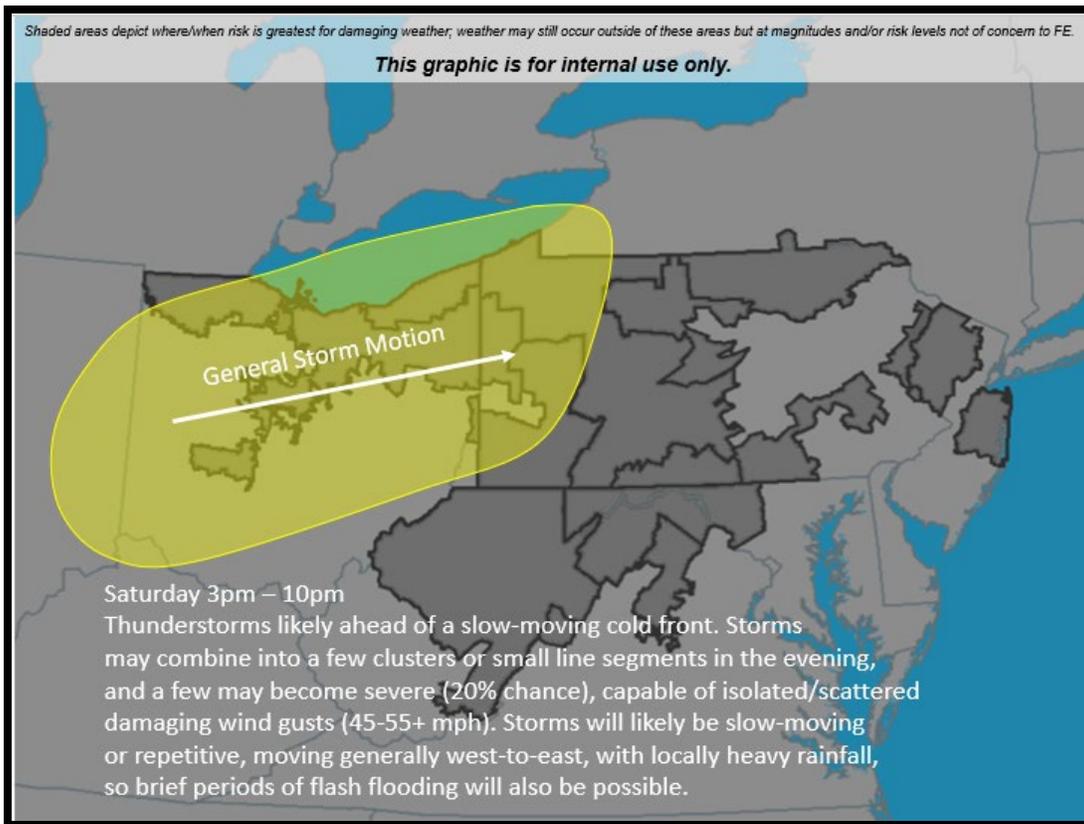


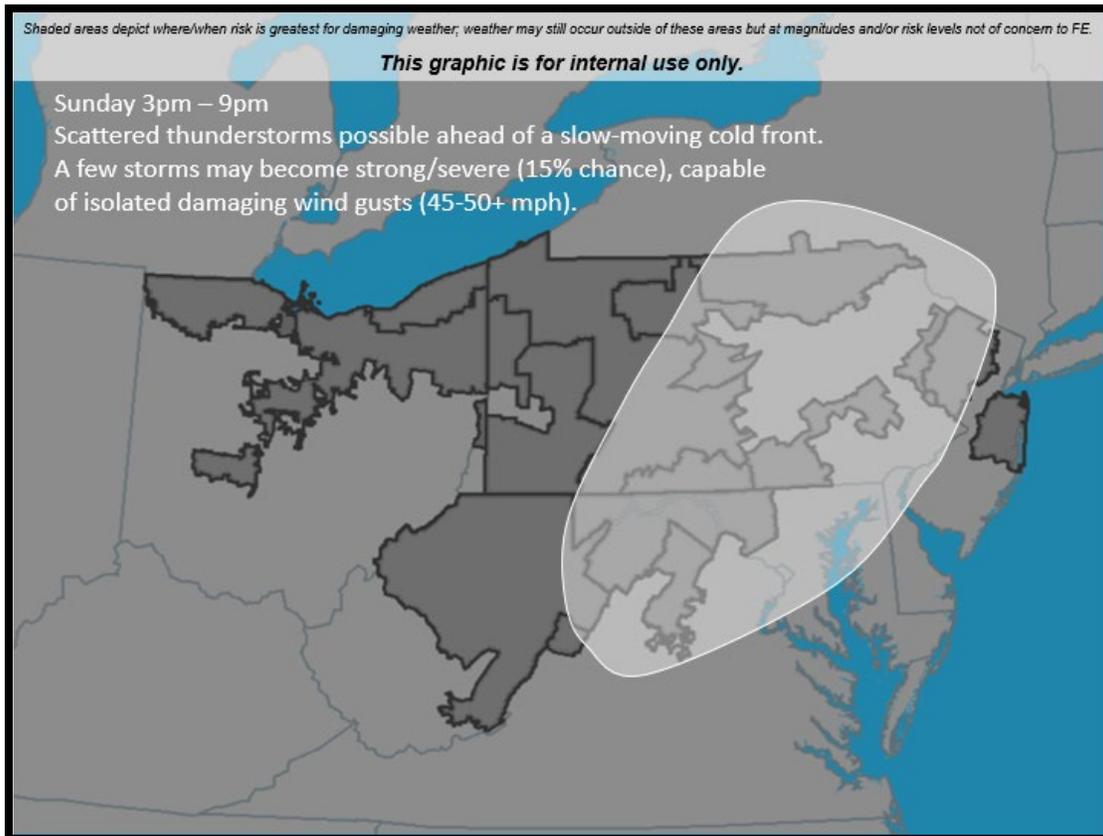
Saturday, May 21, 2022 @ 1334

Update:

Expanded storm risk Saturday evening into areas of western PA and the panhandle of WV—mainly after 6pm. No other changes.

See graphics below for further information.





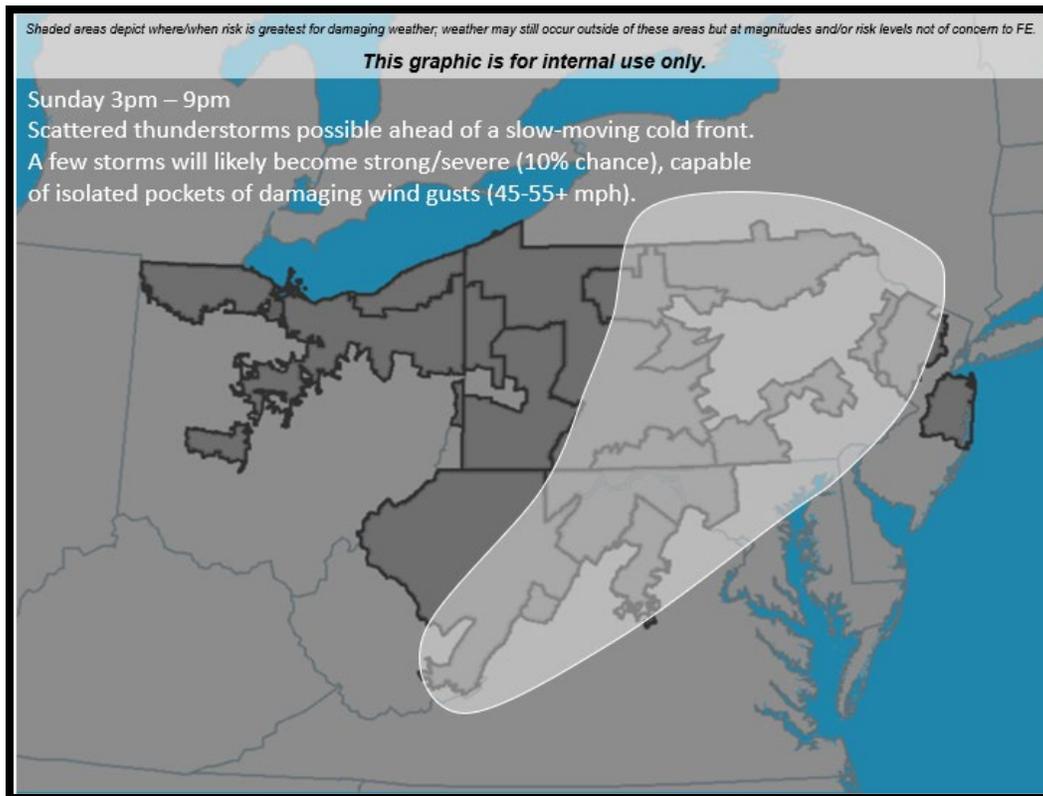
Sunday, May 22, 2022 @ 0858

Update:

Small changes this morning: slight reduction of severe storm threat (due to scattered nature of storms), and expanded the risk area southward into areas of WV.

Scattered thunderstorms—a few strong/severe—are still expected to develop across eastern FE this afternoon. The hit-or-miss nature of these storms will keep the wind damage risk low at most locations, but any storms that do develop later today will be capable of at least pockets of damaging gusts and locally heavy rain.

See graphic below for further information.



Sunday, May 22, 2022 @ 1325

Update:

Increasing risk of strong storms/damaging gusts across portions of eastern PA, central MD and western NJ this afternoon/evening, where A) storms are most likely to develop, and B) most likely to become intense enough to cause damaging gusts. Also slightly extended risk of storms eastward into central NJ.

No other changes.

See graphic below for further information.

