

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

July 23, 2021

**VIA ELECTRONIC FILING**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120

***Re: Completed Restoration of Momentary and Sustained Interruptions –  
West Penn Power Company; Docket No. M-2021-3023564***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, West Penn Power Company (“West Penn”) submits written notification of completed restoration efforts following storm conditions that began on July 7, 2021 that caused multiple service interruptions in the West Penn 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) 921-6658.

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: West Penn Company ("West Penn")  
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:

July 7, 2021                                      0728  
*(Date)*    *(Time)*

5. Interruption or Outage:

- (a) Number of customers affected: 39,810 (Represents 5.5% of West Penn'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	6,135	62	100
Armstrong	3,798	79	82
Bedford	1,464	3	1
Butler	3,894	55	62
Cameron	362	5	7
Centre	2,331	42	65
Clarion	148	7	17
Elk	104	3	9
Fayette	3,033	51	33
Franklin	1,001	6	16
Fulton	2,524	6	8
Greene	931	22	18
Washington	9,332	88	116
Westmoreland	4,753	113	146
<b>TOTAL</b>	<b>39,810</b>	<b>542</b>	<b>680</b>

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 277

(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 Tuesday morning, July 6, 2021, warm temperatures and an abnormally humid airmass ahead of a stalled cold front brought widespread and severe thunderstorm activity across Pennsylvania. However, initial impacts to West Penn began on July 7. Storm activity continued to affect the area throughout the restoration activities during the event. West Penn experienced sustained high winds with maximum wind gusts in excess of 64-miles per hour. See Attachment B for the maximum wind gusts for July 7 and July 8, 2021 and 24-hour total precipitation for July 7 and July 8, 2021.

The West Penn service territory suffered widespread damage. Damages as a result of the rain and wind included downed trees/power lines, damaged and broken poles/crossarms, and failed transformers. The hardest hit areas were the Arnold, Butler, Boyce, and State College areas. Approximately 68.1% of the total outages that occurred in the West Penn service territory were tree related. Several outages occurred in remote, difficult-to-access locations, which required special off-road equipment to access or crews to traverse on foot carrying the necessary equipment for restoration.

Preliminary data indicates the reliability impact of the storm was 15.3 minutes of SAIDI,

0.06 of SAIFI, and an overall storm CAIDI of 278.3 minutes.

- (g) Projected time of restoration: The estimated times of restoration for the majority of customers was 2300 on July 8, 2021, with a few isolated customers extending beyond that 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
West Penn Power	204	Line Workers
<b>Subtotal</b>	<b>204</b>	
CW Wright Construction	24	Line Contractor
PoleSet Inc.	6	Line Contractor
Thompson Electric	23	Line Contractor
<b>Subtotal</b>	<b>53</b>	
Asplundh	66	Forestry Contractor
Davey	26	Forestry Contractor
Jaflo	2	Forestry Contractor
Lewis Tree	12	Forestry Contractor
Penn Line Services, Inc.	44	Forestry Contractor
Townsend	13	Forestry Contractor
<b>Subtotal</b>	<b>163</b>	
West Penn Power	33	Hazard Responders/Damage Assessors
FirstEnergy Corp	9	Hazard Responders/Damage Assessors
<b>Subtotal</b>	<b>42</b>	
West Penn Power	149	Supporting Roles
Contractor (Various)	4	Supporting Roles
<b>Subtotal</b>	<b>153</b>	
<b>Grand Total</b>	<b>615</b>	

- (i) The date and time of the first information of a service interruption: July 7, 2021 at 1207.

- (j) The date and time that repair crews were assembled: Crews were on duty and were held over with additional crews, including contractors, brought in to support restoration.
- (k) The actual time that service was restored to the last affected customer: July 9, 2021 at 2012. Additionally, West Penn was able to restore approximately 79.5% of the impacted customers in less than six 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	274
Secondary Spans Down	12
Crossarms Replaced	46
Cutouts Replaced	57
Poles Replaced	27
Transformers Replaced	37
Wire & Cable Replaced (feet)	18,752

- (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.

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

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
10006285-2	Washington	2	2,880	07/07/2021 1545	07/09/2021 1545
10002541-2	Armstrong	1	2,781	07/07/2021 1606	07/09/2021 1427
10002324-2	Allegheny	7	2,775	07/07/2021 1538	07/09/2021 1353
10003213-2	Centre	2	2,734	07/07/2021 1834	07/09/2021 1608
10002120-2	Washington	1	2,656	07/07/2021 1504	07/09/2021 1120
10003011-2	Butler	1	2,607	07/07/2021 1634	07/09/2021 1201
10003149-5	Centre	2	2,592	07/07/2021 1817	07/09/2021 1329
10006439-3	Armstrong	1	2,585	07/07/2021 1601	07/09/2021 1106
10004445-2	Allegheny	4	2,583	07/07/2021 1616	07/09/2021 1119
10006285-2	Washington	106	2,547	07/07/2021 1545	07/09/2021 1012
10003174-2	Armstrong	3	2,538	07/07/2021 1612	07/09/2021 1030
10005617-2	Armstrong	1	2,525	07/07/2021 1650	07/09/2021 1055
10006266-3	Greene	15	2,520	07/07/2021 2102	07/09/2021 1502
10006266-3	Greene	19	2,520	07/07/2021 2102	07/09/2021 1502
10005477-2	Armstrong	1	2,507	07/07/2021 1624	07/09/2021 1011
10006266-3	Greene	26	2,488	07/07/2021 2102	07/09/2021 1430
10002852-3	Butler	1	2,483	07/07/2021 1643	07/09/2021 1006
10003681-2	Armstrong	7	2,445	07/07/2021 1608	07/09/2021 0853
10006848-1	Greene	10	2,435	07/07/2021 2303	07/09/2021 1538
10004372-2	Westmoreland	1	2,423	07/07/2021 2052	07/09/2021 1315
10002693-2	Allegheny	1	2,392	07/07/2021 1631	07/09/2021 0823
10002971-1	Westmoreland	1	2,380	07/07/2021 1733	07/09/2021 0913
10002892-3	Armstrong	1	2,375	07/07/2021 1711	07/09/2021 0846
10002908-2	Clarion	2	2,371	07/07/2021 1716	07/09/2021 0847
10004478-1	Armstrong	7	2,354	07/07/2021 1733	07/09/2021 0847
10003528-2	Armstrong	1	2,315	07/07/2021 1920	07/09/2021 0955
10005723-2	Butler	14	2,264	07/07/2021 1640	07/09/2021 0624
10006253-1	Armstrong	1	2,216	07/07/2021 2049	07/09/2021 0945
10003714-2	Westmoreland	2	2,147	07/07/2021 2144	07/09/2021 0931

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

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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
10004326-3	Washington	2	2,115	07/07/2021 2250	07/09/2021 1005
10006139-2	Butler	68	1,903	07/07/2021 1645	07/09/2021 0028
10003968-2	Westmoreland	3	1,842	07/07/2021 2008	07/09/2021 0250
10005665-1	Armstrong	1	1,842	07/08/2021 1330	07/09/2021 2012
10004197-2	Washington	3	1,837	07/07/2021 2208	07/09/2021 0445
10004045-3	Washington	2	1,809	07/07/2021 1901	07/09/2021 0110
10002534-2	Armstrong	5	1,783	07/07/2021 1557	07/08/2021 2140
10002534-2	Armstrong	1	1,733	07/07/2021 1557	07/08/2021 2050
10002534-2	Armstrong	1	1,733	07/07/2021 1557	07/08/2021 2050
10002390-4	Westmoreland	16	1,705	07/07/2021 1547	07/08/2021 2012
10004133-1	Armstrong	177	1,703	07/07/2021 1601	07/08/2021 2024
10004708-2	Washington	5	1,702	07/08/2021 0655	07/09/2021 1117
10006222-1	Clarion	35	1,694	07/07/2021 1716	07/08/2021 2130
10002383-1	Westmoreland	7	1,684	07/07/2021 1546	07/08/2021 1950
10003182-2	Westmoreland	2	1,679	07/07/2021 1826	07/08/2021 2225
10002766-3	Butler	16	1,658	07/07/2021 1637	07/08/2021 2015
10005074-2	Greene	8	1,652	07/08/2021 0928	07/09/2021 1300
10006139-1	Butler	19	1,649	07/07/2021 1645	07/08/2021 2014
10005617-1	Armstrong	17	1,625	07/07/2021 1645	07/08/2021 1950
10004685-2	Armstrong	2	1,617	07/07/2021 1649	07/08/2021 1946
10002245-2	Washington	11	1,616	07/07/2021 1529	07/08/2021 1825
10004555-2	Centre	2	1,611	07/07/2021 2224	07/09/2021 0115
10004307-3	Armstrong	10	1,594	07/07/2021 1601	07/08/2021 1835
10002408-1	Westmoreland	6	1,591	07/07/2021 1549	07/08/2021 1820
10002085-2	Washington	10	1,588	07/07/2021 1437	07/08/2021 1705
10003620-3	Westmoreland	5	1,587	07/07/2021 1554	07/08/2021 1821
10002253-2	Washington	1	1,569	07/07/2021 1531	07/08/2021 1740
10002938-2	Washington	1	1,566	07/07/2021 1724	07/08/2021 1930
10004684-2	Washington	5	1,550	07/08/2021 0137	07/09/2021 0327
10002604-2	Allegheny	2	1,549	07/07/2021 1612	07/08/2021 1801
10002396-1	Allegheny	6	1,532	07/07/2021 1548	07/08/2021 1720
10004782-4	Butler	2	1,528	07/08/2021 0727	07/09/2021 0855
10002800-2	Armstrong	19	1,527	07/07/2021 1645	07/08/2021 1812
10002167-2	Washington	1	1,520	07/07/2021 1521	07/08/2021 1641

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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
10006365-2	Westmoreland	1	1,507	07/08/2021 1232	07/09/2021 1339
10002452-2	Westmoreland	9	1,501	07/07/2021 1549	07/08/2021 1650
10002315-2	Allegheny	6	1,493	07/07/2021 1529	07/08/2021 1622
10002700-2	Centre	1	1,480	07/07/2021 1635	07/08/2021 1715
10003169-2	Centre	7	1,473	07/07/2021 1822	07/08/2021 1855
10002125-1	Allegheny	1	1,457	07/07/2021 1506	07/08/2021 1523
10003189-1	Allegheny	3	1,452	07/07/2021 1828	07/08/2021 1840
10002909-8	Clarion	52	1,450	07/07/2021 1715	07/08/2021 1725
10006328-1	Armstrong	2	1,432	07/08/2021 1618	07/09/2021 1610
10003336-2	Armstrong	10	1,430	07/07/2021 1855	07/08/2021 1845
10003909-2	Washington	9	1,425	07/07/2021 2047	07/08/2021 2032
10004478-1	Armstrong	4	1,417	07/07/2021 1733	07/08/2021 1710
10002356-2	Allegheny	9	1,404	07/07/2021 1542	07/08/2021 1506
10002741-2	Butler	425	1,394	07/07/2021 1637	07/08/2021 1551
10003695-2	Greene	32	1,394	07/07/2021 1938	07/08/2021 1852
10003685-2	Allegheny	4	1,384	07/07/2021 1946	07/08/2021 1850
10004307-3	Armstrong	15	1,376	07/07/2021 1604	07/08/2021 1500
10005567-2	Centre	8	1,368	07/07/2021 1821	07/08/2021 1709
10003476-1	Greene	56	1,343	07/07/2021 1911	07/08/2021 1734
10003678-2	Greene	89	1,341	07/07/2021 1938	07/08/2021 1759
10003935-2	Westmoreland	1	1,338	07/07/2021 2036	07/08/2021 1854
10005529-1	Butler	2	1,322	07/08/2021 1232	07/09/2021 1034
10002800-2	Armstrong	14	1,312	07/07/2021 1645	07/08/2021 1437
10004133-1	Armstrong	8	1,310	07/07/2021 1601	07/08/2021 1351
10003203-5	Centre	22	1,307	07/07/2021 1831	07/08/2021 1618
10002380-1	Washington	2	1,305	07/07/2021 1545	07/08/2021 1330
10003297-2	Centre	5	1,303	07/07/2021 1848	07/08/2021 1631
10004372-1	Westmoreland	5	1,290	07/07/2021 2052	07/08/2021 1822
10004413-2	Butler	2	1,277	07/08/2021 0003	07/08/2021 2120
10004065-1	Centre	4	1,267	07/07/2021 1923	07/08/2021 1630
10002741-2	Butler	230	1,264	07/07/2021 1838	07/08/2021 1542
10004558-2	Washington	1	1,263	07/08/2021 0639	07/09/2021 0342
10003645-2	Greene	1	1,262	07/07/2021 1939	07/08/2021 1641
10003837-1	Westmoreland	11	1,258	07/07/2021 2007	07/08/2021 1705

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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
10003051-3	Butler	43	1,244	07/07/2021 1610	07/08/2021 1254
10005567-1	Centre	107	1,242	07/07/2021 1816	07/08/2021 1458
10002014-2	Butler	2	1,239	07/07/2021 1411	07/08/2021 1050
10002809-1	Butler	7	1,225	07/07/2021 1652	07/08/2021 1317
10004116-3	Fayette	3	1,217	07/07/2021 1930	07/08/2021 1547
10002328-1	Allegheny	1	1,216	07/07/2021 1809	07/08/2021 1425
10004530-2	Centre	7	1,213	07/07/2021 2202	07/08/2021 1815
10005684-2	Fayette	1	1,211	07/08/2021 1337	07/09/2021 0948
10006326-2	Butler	1	1,209	07/08/2021 1918	07/09/2021 1527
10002452-2	Westmoreland	206	1,206	07/07/2021 1549	07/08/2021 1155
10003056-6	Allegheny	23	1,203	07/07/2021 1732	07/08/2021 1335
10004051-2	Westmoreland	2	1,194	07/07/2021 2108	07/08/2021 1702
10002617-2	Allegheny	65	1,191	07/07/2021 1600	07/08/2021 1151
10005818-2	Butler	2	1,187	07/08/2021 1453	07/09/2021 1040
10003825-1	Washington	40	1,184	07/07/2021 1636	07/08/2021 1220
10003538-2	Allegheny	17	1,170	07/07/2021 1922	07/08/2021 1452
10002823-2	Armstrong	1	1,168	07/07/2021 1655	07/08/2021 1223
10002823-2	Armstrong	2	1,168	07/07/2021 1655	07/08/2021 1223
10005680-2	Allegheny	5	1,167	07/08/2021 1333	07/09/2021 0900
10004201-2	Westmoreland	3	1,156	07/07/2021 2208	07/08/2021 1724
10003918-2	Westmoreland	1	1,154	07/07/2021 2031	07/08/2021 1545
10002816-1	Butler	1	1,147	07/07/2021 1653	07/08/2021 1200
10003586-1	Allegheny	5	1,146	07/07/2021 1522	07/08/2021 1028
10004314-2	Centre	42	1,137	07/07/2021 1833	07/08/2021 1330
10003314-1	Butler	54	1,134	07/07/2021 1636	07/08/2021 1130
10004538-1	Allegheny	5	1,131	07/07/2021 1515	07/08/2021 1006
10004129-1	Washington	5	1,130	07/07/2021 1520	07/08/2021 1010
10005591-2	Allegheny	2	1,128	07/08/2021 1252	07/09/2021 0740
10004077-2	Westmoreland	2	1,120	07/07/2021 2118	07/08/2021 1558
10006436-4	Westmoreland	1	1,118	07/08/2021 2126	07/09/2021 1604
10003944-2	Westmoreland	2	1,115	07/07/2021 2038	07/08/2021 1513
10003084-4	Armstrong	3	1,107	07/07/2021 1756	07/08/2021 1223
10005237-2	Washington	1	1,106	07/08/2021 1019	07/09/2021 0445
10003364-1	Centre	2	1,079	07/07/2021 1901	07/08/2021 1300

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
10002989-2	Butler	28	1,078	07/07/2021 1652	07/08/2021 1050
10003931-2	Westmoreland	24	1,060	07/07/2021 2034	07/08/2021 1414
10003696-2	Centre	1	1,057	07/07/2021 1948	07/08/2021 1325
10004148-4	Fayette	1	1,052	07/07/2021 2138	07/08/2021 1510
10006338-5	Washington	1	1,051	07/08/2021 1929	07/09/2021 1300
10003119-2	Westmoreland	14	1,045	07/07/2021 1759	07/08/2021 1124
10003988-2	Allegheny	1	1,044	07/07/2021 2052	07/08/2021 1416
10002644-3	Armstrong	32	1,038	07/07/2021 1610	07/08/2021 0928
10003084-3	Armstrong	26	1,035	07/07/2021 1756	07/08/2021 1111
10006185-2	Westmoreland	194	1,034	07/08/2021 0526	07/08/2021 2240
10003613-2	Washington	48	1,031	07/07/2021 1926	07/08/2021 1237
10002606-1	Allegheny	8	1,029	07/07/2021 1612	07/08/2021 0921
10002843-1	Butler	8	1,027	07/07/2021 1658	07/08/2021 1005
10004817-1	Greene	125	1,023	07/07/2021 1942	07/08/2021 1245
10003967-2	Westmoreland	3	1,020	07/07/2021 2030	07/08/2021 1330
10004509-2	Washington	470	1,012	07/07/2021 1901	07/08/2021 1153
10004180-1	Centre	29	1,012	07/07/2021 2028	07/08/2021 1320
10002823-1	Armstrong	23	1,005	07/07/2021 1655	07/08/2021 0940
10003148-2	Centre	143	1,002	07/07/2021 1816	07/08/2021 1058
10003249-1	Centre	7	1,000	07/07/2021 1840	07/08/2021 1120
10003528-1	Armstrong	7	994	07/07/2021 1920	07/08/2021 1154
10006338-3	Washington	2	991	07/08/2021 1929	07/09/2021 1200
10002390-3	Westmoreland	18	983	07/07/2021 1547	07/08/2021 0810
10003926-2	Fayette	1	968	07/08/2021 0215	07/08/2021 1823
10004518-1	Westmoreland	22	964	07/08/2021 0018	07/08/2021 1622
10002577-4	Butler	29	963	07/07/2021 1607	07/08/2021 0810
10002662-2	Armstrong	39	956	07/07/2021 1619	07/08/2021 0815
10003149-1	Centre	12	955	07/07/2021 1817	07/08/2021 1012
10003259-1	Washington	1	952	07/07/2021 1843	07/08/2021 1035
10003274-2	Butler	22	948	07/07/2021 1801	07/08/2021 0949
10003899-2	Westmoreland	26	941	07/07/2021 2015	07/08/2021 1156
10003899-2	Westmoreland	19	941	07/07/2021 2015	07/08/2021 1156
10003703-2	Fayette	13	924	07/07/2021 1921	07/08/2021 1045
10004858-2	Westmoreland	5	917	07/08/2021 0803	07/08/2021 2320

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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
10004055-2	Westmoreland	18	899	07/07/2021 2051	07/08/2021 1150
10005127-2	Westmoreland	2	895	07/08/2021 0945	07/09/2021 0040
10003635-2	Greene	1	888	07/07/2021 1937	07/08/2021 1025
10006335-1	Armstrong	5	886	07/08/2021 1925	07/09/2021 1011
10006167-3	Westmoreland	8	883	07/08/2021 1417	07/09/2021 0500
10003635-2	Greene	21	881	07/07/2021 1937	07/08/2021 1018
10006364-2	Westmoreland	2	878	07/08/2021 2007	07/09/2021 1045
10004654-1	Centre	2	878	07/07/2021 2032	07/08/2021 1110
10004171-2	Westmoreland	3	875	07/07/2021 2149	07/08/2021 1224
10006338-3	Washington	20	867	07/08/2021 1929	07/09/2021 0956
10004045-2	Washington	5	862	07/07/2021 1901	07/08/2021 0923
10004652-2	Allegheny	18	855	07/08/2021 0300	07/08/2021 1715
10004523-2	Allegheny	2	839	07/08/2021 0150	07/08/2021 1549
10006469-2	Franklin	3	838	07/08/2021 2237	07/09/2021 1235
10003771-1	Greene	56	831	07/07/2021 1959	07/08/2021 0950
10002320-1	Allegheny	12	830	07/07/2021 1539	07/08/2021 0529
10004162-1	Washington	26	816	07/07/2021 2001	07/08/2021 0937
10003318-1	Centre	30	805	07/07/2021 1845	07/08/2021 0810
10003840-2	Westmoreland	15	805	07/07/2021 2005	07/08/2021 0930
10003275-4	Armstrong	149	795	07/07/2021 1600	07/08/2021 0515
10003635-2	Greene	86	793	07/07/2021 1937	07/08/2021 0850
10004647-2	Westmoreland	12	792	07/07/2021 2200	07/08/2021 1112
10006453-1	Armstrong	2	791	07/08/2021 2207	07/09/2021 1118
10004556-2	Fayette	4	790	07/08/2021 0310	07/08/2021 1620
10004688-3	Washington	16	781	07/08/2021 0349	07/08/2021 1650
10003975-2	Westmoreland	2	779	07/07/2021 2048	07/08/2021 0947
10003355-2	Centre	39	776	07/07/2021 1852	07/08/2021 0748
10004562-1	Westmoreland	1	776	07/08/2021 0333	07/08/2021 1629
10004843-2	Butler	1	762	07/08/2021 0753	07/08/2021 2035
10004863-1	Washington	129	759	07/07/2021 2125	07/08/2021 1004
10004347-2	Westmoreland	23	756	07/07/2021 2304	07/08/2021 1140
10003886-2	Westmoreland	32	754	07/07/2021 2026	07/08/2021 0900
10002801-2	Butler	21	750	07/07/2021 1615	07/08/2021 0445
10004581-2	Washington	13	748	07/08/2021 0448	07/08/2021 1716

West Penn 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
10005072-2	Washington	2	733	07/08/2021 0848	07/08/2021 2101
10004557-6	Centre	7	728	07/08/2021 0637	07/08/2021 1845
10004522-2	Fayette	13	727	07/08/2021 0150	07/08/2021 1357
10006526-2	Westmoreland	1	716	07/09/2021 0149	07/09/2021 1345
10004335-2	Westmoreland	1	710	07/07/2021 2257	07/08/2021 1047
10003981-1	Westmoreland	10	708	07/07/2021 2050	07/08/2021 0838
10003969-2	Westmoreland	119	708	07/07/2021 2037	07/08/2021 0825
10003220-1	Centre	6	701	07/07/2021 1834	07/08/2021 0615
10003991-2	Westmoreland	32	698	07/07/2021 2052	07/08/2021 0830
10003880-2	Washington	79	697	07/07/2021 2006	07/08/2021 0743
10005685-1	Westmoreland	15	694	07/08/2021 0616	07/08/2021 1750
10003620-2	Westmoreland	8	691	07/07/2021 1549	07/08/2021 0320
10003880-2	Washington	446	680	07/07/2021 2006	07/08/2021 0726
10004670-2	Armstrong	11	676	07/08/2021 0602	07/08/2021 1718
10005985-2	Armstrong	1	675	07/08/2021 0806	07/08/2021 1921
10003712-2	Elk	58	674	07/07/2021 1952	07/08/2021 0706
10004765-2	Armstrong	6	662	07/08/2021 0718	07/08/2021 1820
10002342-2	Allegheny	146	660	07/07/2021 1516	07/08/2021 0216
10003404-3	Armstrong	281	655	07/07/2021 1600	07/08/2021 0255
10003653-2	Fayette	4	645	07/07/2021 1940	07/08/2021 0625
10004326-1	Washington	5	616	07/07/2021 2250	07/08/2021 0906
10004663-1	Fayette	1	615	07/08/2021 0615	07/08/2021 1630
10004701-2	Westmoreland	2	609	07/08/2021 0651	07/08/2021 1700
10004518-2	Westmoreland	1	607	07/09/2021 0018	07/09/2021 1025
10002903-1	Clarion	11	601	07/07/2021 1714	07/08/2021 0315
10004590-2	Washington	19	597	07/08/2021 0255	07/08/2021 1252
10004335-1	Westmoreland	5	593	07/07/2021 2257	07/08/2021 0850
10003269-1	Armstrong	11	588	07/07/2021 1707	07/08/2021 0255
10004461-1	Allegheny	16	580	07/08/2021 0019	07/08/2021 0959
10005354-1	Centre	1	571	07/08/2021 1123	07/08/2021 2054
10003954-2	Westmoreland	187	570	07/07/2021 2040	07/08/2021 0610
10005295-1	Washington	1	567	07/08/2021 1056	07/08/2021 2023
10005013-2	Allegheny	5	565	07/08/2021 0908	07/08/2021 1833
10003584-3	Fayette	20	562	07/07/2021 1928	07/08/2021 0450

## West Penn 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
10004134-2	Fayette	15	557	07/07/2021 2133	07/08/2021 0650
10003203-1	Centre	16	539	07/07/2021 1831	07/08/2021 0330
10006770-2	Centre	1	533	07/09/2021 1001	07/09/2021 1854
10006332-1	Westmoreland	2	523	07/08/2021 1922	07/09/2021 0405
10003773-1	Centre	38	517	07/07/2021 2005	07/08/2021 0442
10002663-1	Butler	13	507	07/07/2021 1613	07/08/2021 0040
10004075-1	Fayette	3	499	07/08/2021 0841	07/08/2021 1700
10001766-2	Fulton	1	493	07/07/2021 1207	07/07/2021 2020
10005261-1	Armstrong	8	478	07/08/2021 1032	07/08/2021 1830
10006861-1	Allegheny	3	472	07/09/2021 1100	07/09/2021 1852
10004458-1	Washington	12	471	07/07/2021 2018	07/08/2021 0409
10003968-1	Westmoreland	3	470	07/07/2021 2008	07/08/2021 0358
10004116-2	Fayette	20	469	07/07/2021 1930	07/08/2021 0319
10002170-2	Washington	16	467	07/07/2021 1521	07/07/2021 2308
10004461-1	Allegheny	23	466	07/08/2021 0019	07/08/2021 0805
10004323-1	Cameron	52	461	07/07/2021 1926	07/08/2021 0307
10006488-1	Westmoreland	63	456	07/08/2021 1727	07/09/2021 0103
10003213-1	Centre	42	451	07/07/2021 1834	07/08/2021 0205
10005680-1	Allegheny	8	447	07/08/2021 1333	07/08/2021 2100
10006891-2	Allegheny	1	445	07/09/2021 1135	07/09/2021 1900
10006764-2	Westmoreland	2	426	07/09/2021 0957	07/09/2021 1703
10006584-1	Allegheny	1	423	07/09/2021 0602	07/09/2021 1305
10003931-1	Westmoreland	4	410	07/07/2021 2034	07/08/2021 0324
10006279-1	Armstrong	7	407	07/08/2021 1853	07/09/2021 0140
10006995-1	Washington	10	404	07/09/2021 0811	07/09/2021 1455
10005143-1	Armstrong	21	402	07/08/2021 0947	07/08/2021 1629
10002908-1	Clarion	40	400	07/07/2021 1716	07/07/2021 2356
10004051-1	Westmoreland	14	399	07/07/2021 2108	07/08/2021 0347
10004901-1	Washington	4	399	07/08/2021 0824	07/08/2021 1503
10003455-2	Fayette	393	398	07/07/2021 1909	07/08/2021 0147
10006647-3	Westmoreland	2	394	07/09/2021 0806	07/09/2021 1440
10002423-1	Westmoreland	56	394	07/07/2021 1551	07/07/2021 2225
10005817-1	Washington	1	387	07/08/2021 1453	07/08/2021 2120
10002114-1	Allegheny	95	386	07/07/2021 1500	07/07/2021 2126

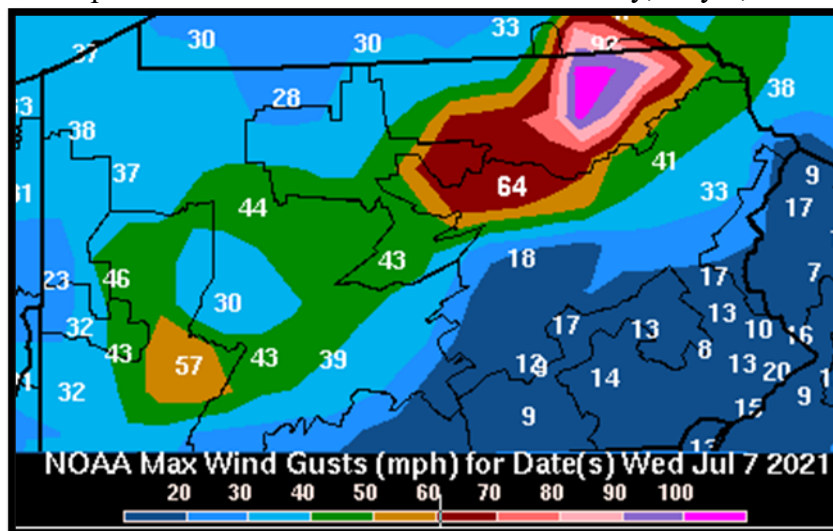
West Penn Storm Report

<b>Order #</b>	<b>Approximate Location (County)</b>	<b>Total Number of Customers Affected</b>	<b>Duration of the Outage (minutes)</b>	<b>Initial Date and Time of the Outage</b>	<b>Restoration Date and Time</b>
10002464-2	Westmoreland	2	385	07/07/2021 1557	07/07/2021 2222
10005680-1	Allegheny	30	382	07/08/2021 1333	07/08/2021 1955
10002652-1	Butler	33	381	07/07/2021 1619	07/07/2021 2240
10006553-1	Washington	31	376	07/09/2021 0344	07/09/2021 1000
10003297-1	Centre	872	373	07/07/2021 1848	07/08/2021 0101
10002338-1	Allegheny	41	373	07/07/2021 1528	07/07/2021 2141
10004222-1	Fayette	4	367	07/07/2021 1950	07/08/2021 0157
10004590-2	Washington	9	365	07/08/2021 0255	07/08/2021 0900
10004688-1	Washington	3	364	07/08/2021 0349	07/08/2021 0953
10005915-1	Centre	1	361	07/08/2021 1544	07/08/2021 2145

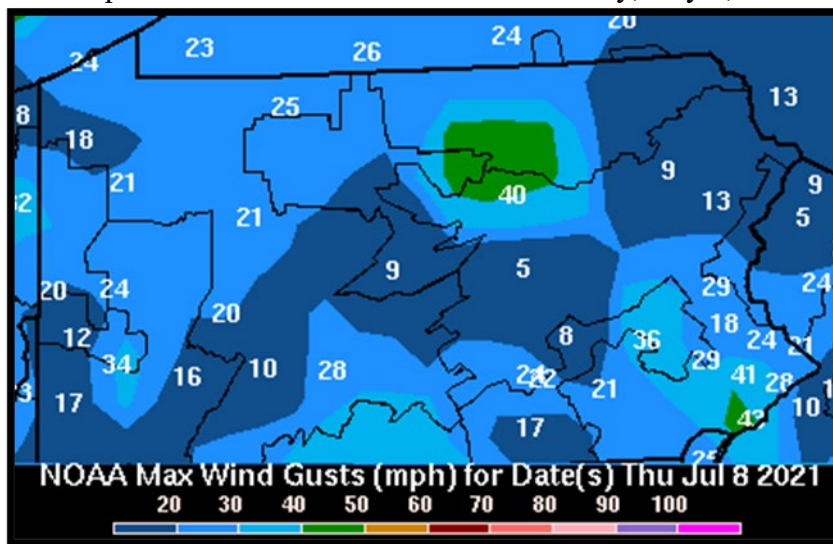
**Attachment B: FirstEnergy Wind and Precipitation Report**

**Wind and Precipitation Reports:** Graphics 1 and 2 illustrate the maximum wind gusts in the West Penn service territory on July 7 and 8, 2021. Graphics 3 and 4 illustrate the 24-Hour Total Precipitation on July 7 and 8, 2021. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

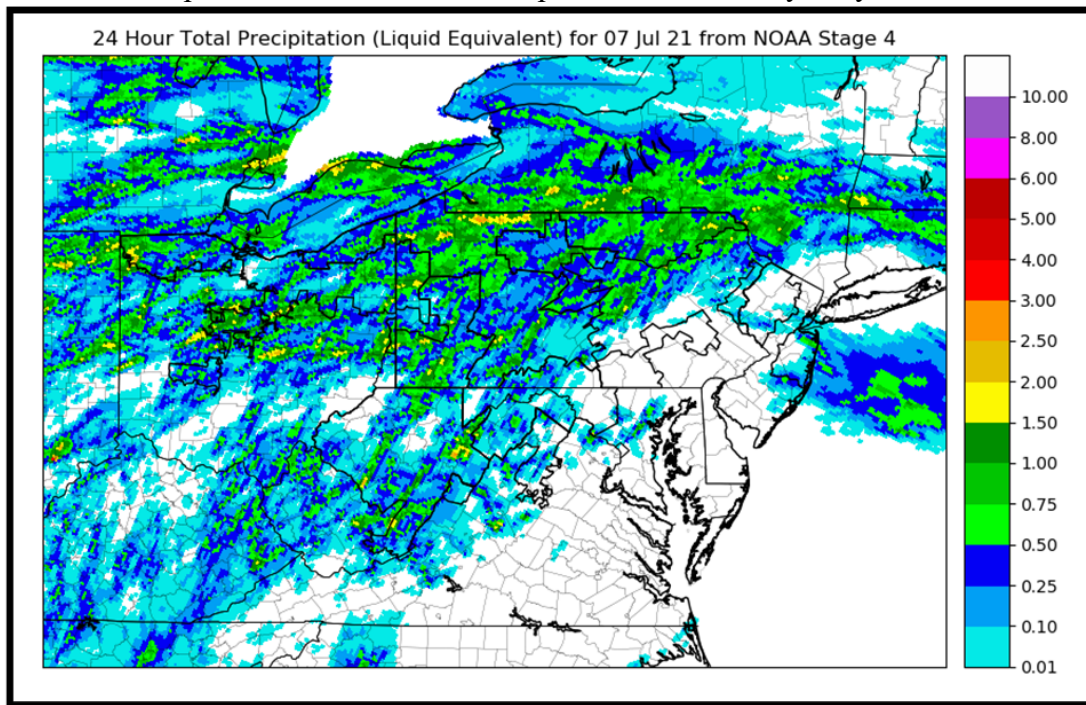
Graphic 1: Maximum Wind Gusts: Wednesday, July 7, 2021



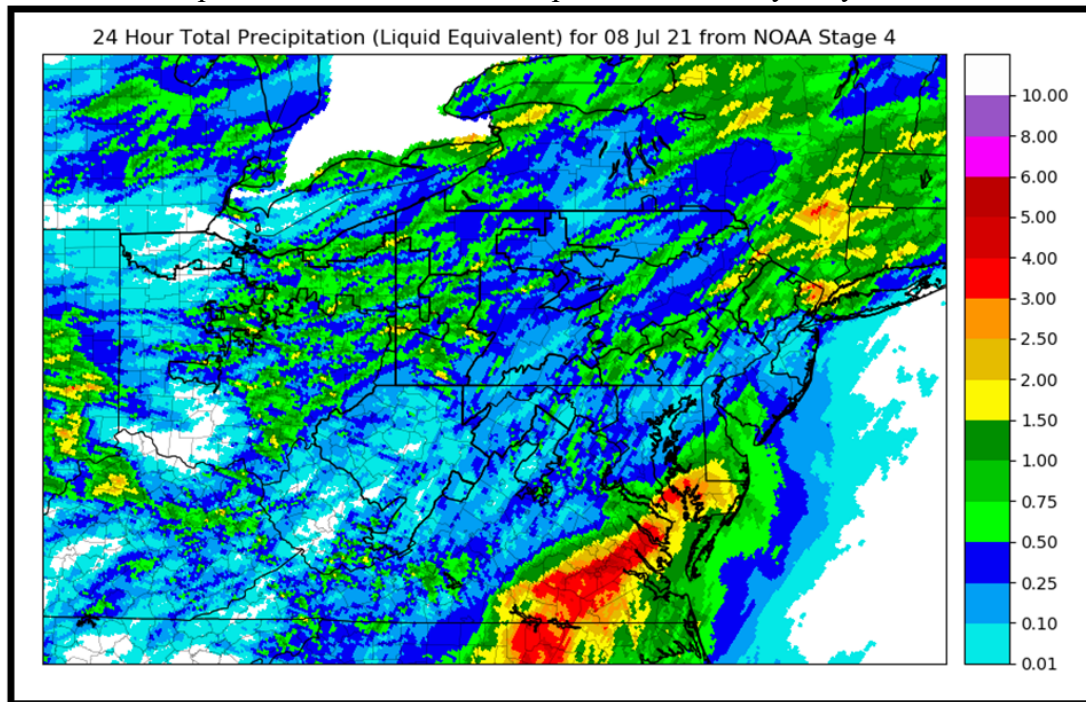
Graphic 2: Maximum Wind Gusts: Thursday, July 8, 2021



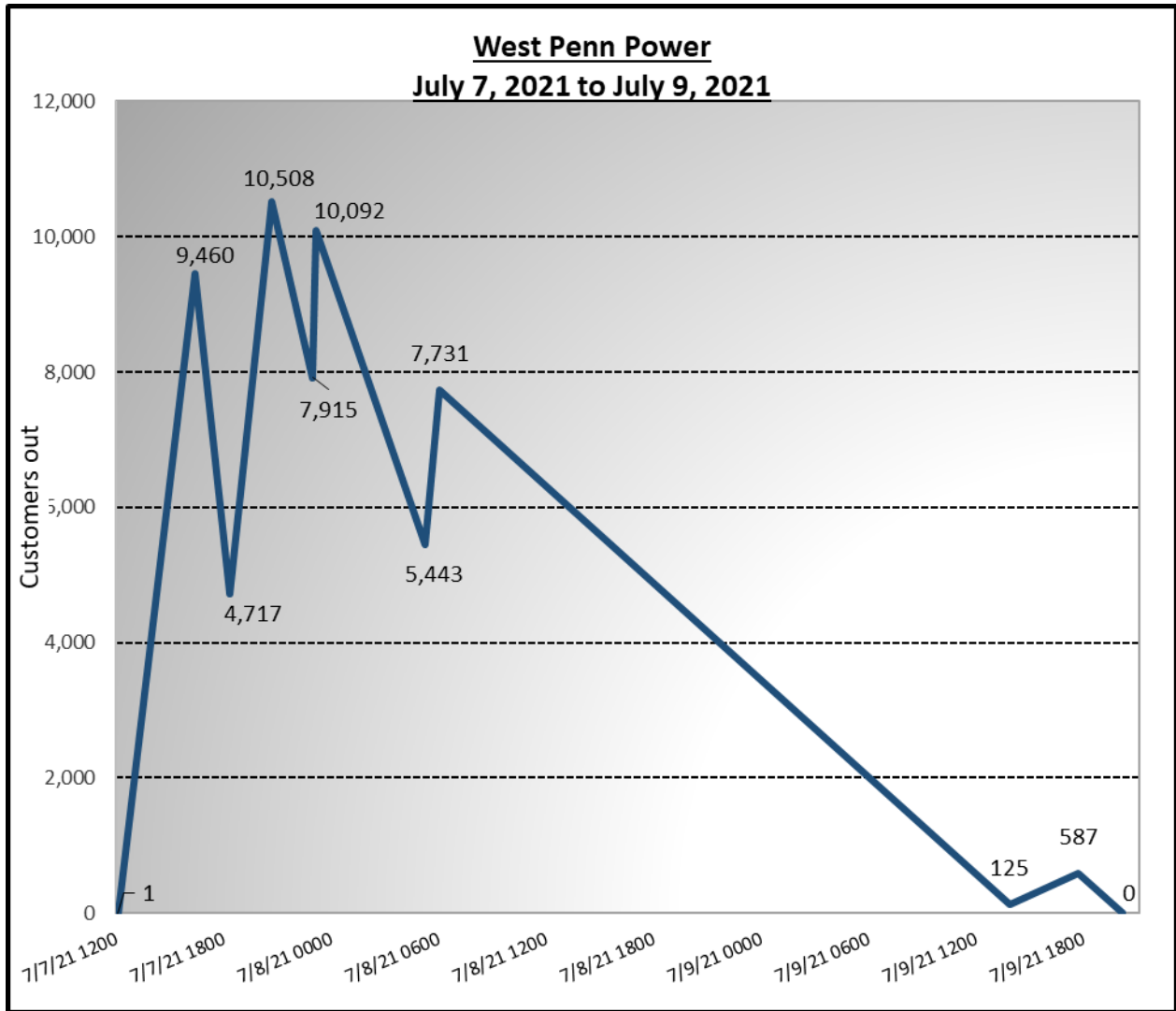
Graphic 3: 24-Hour Total Precipitation: Wednesday, July 7, 2021



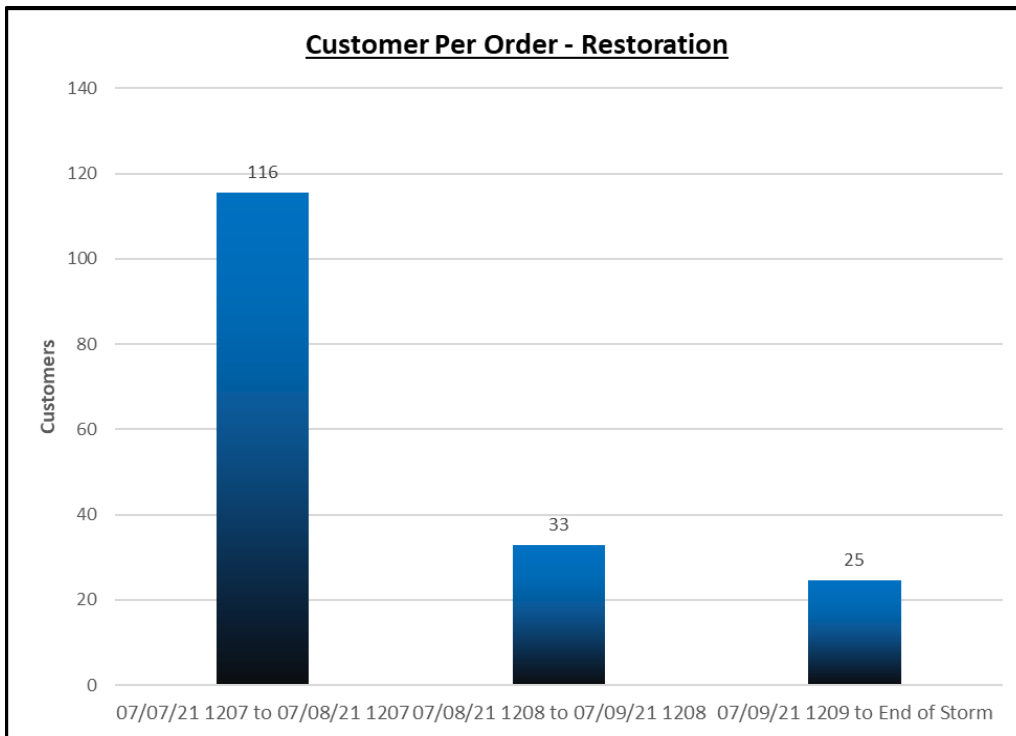
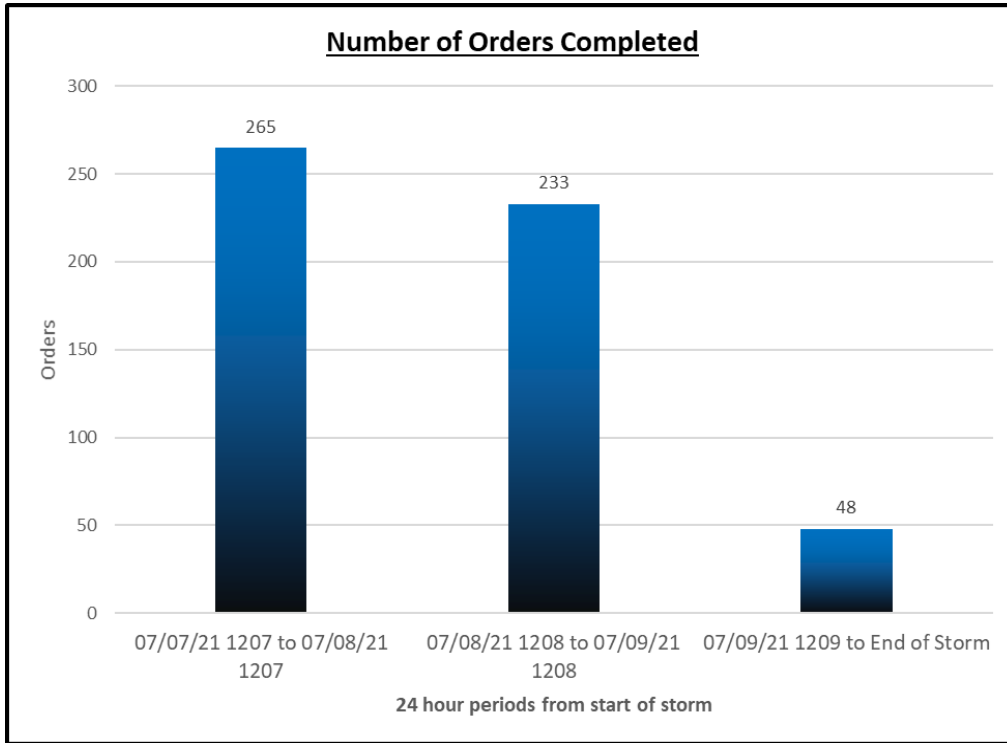
Graphic 4: 24-Hour Total Precipitation: Thursday, July 8, 2021



Attachment C: Restoration Curve



**Attachment D: Order Restoration Graphs**

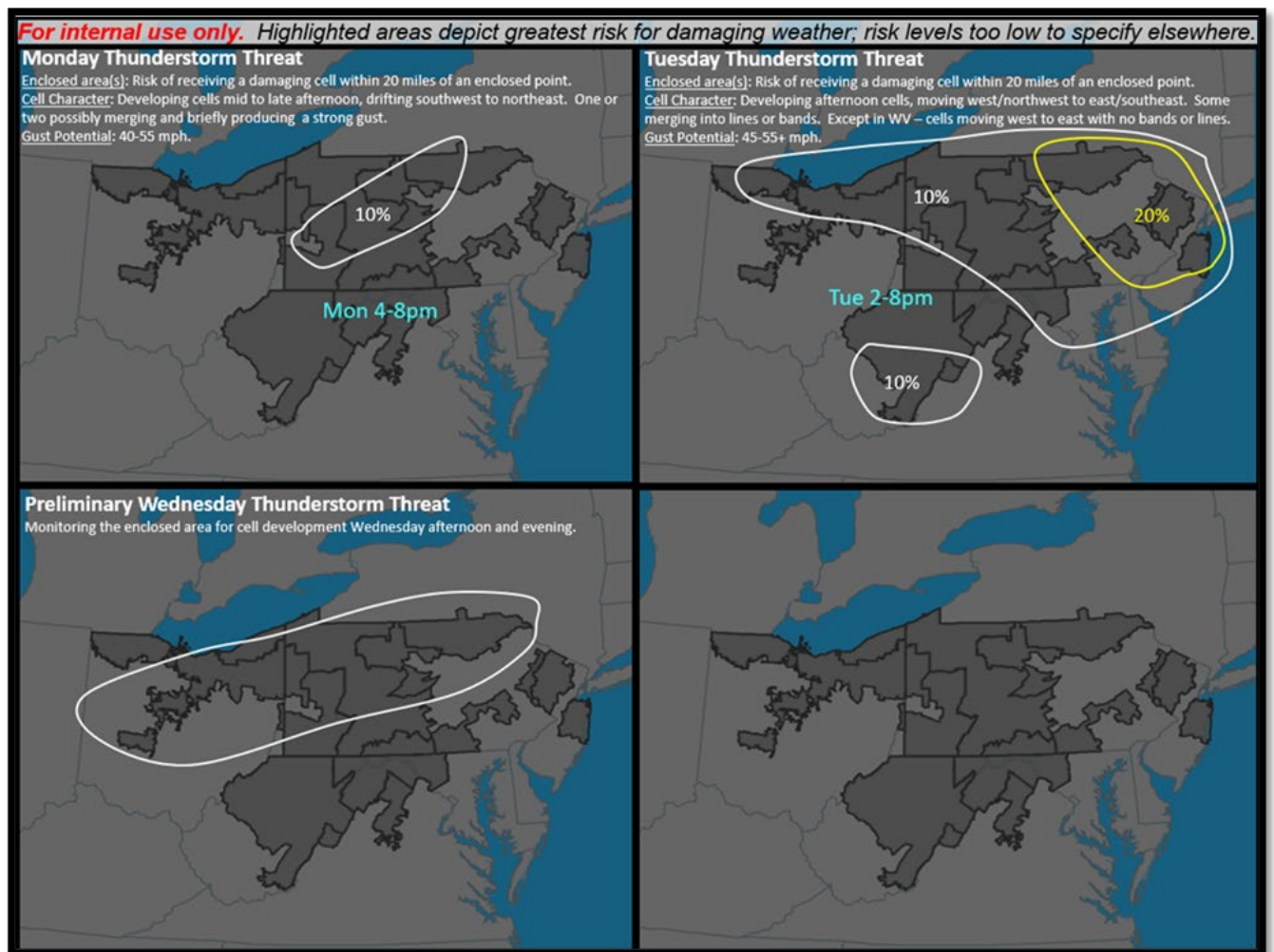


**Attachment E: FirstEnergy Meteorologist Reports**

Monday, July 5, 2021 @ 1114

**New Issuance:** Added small threat for this afternoon and introduced new threat for Tuesday and Wednesday. Confidence is normal for all three filled panels in the graphic.

Also – we continue to monitor Tropical Storm Elsa and its path and strength is still expected to be too far offshore to impact FirstEnergy in any alertable manner Friday.



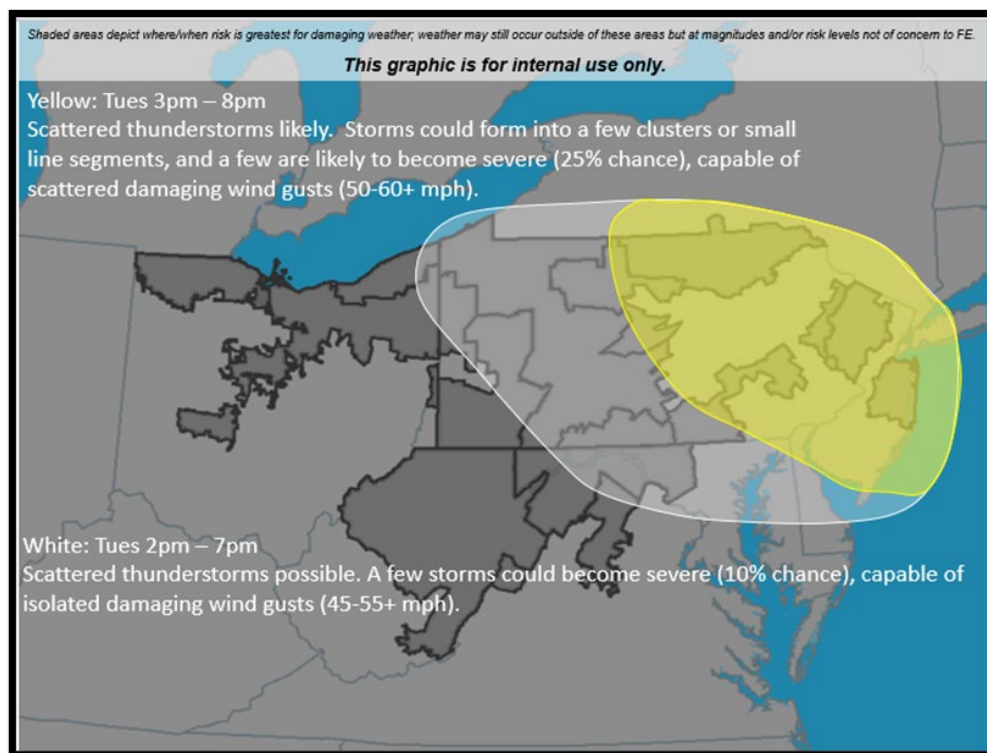
**Tuesday July 6, 2021 @ 0902**

**Update:**

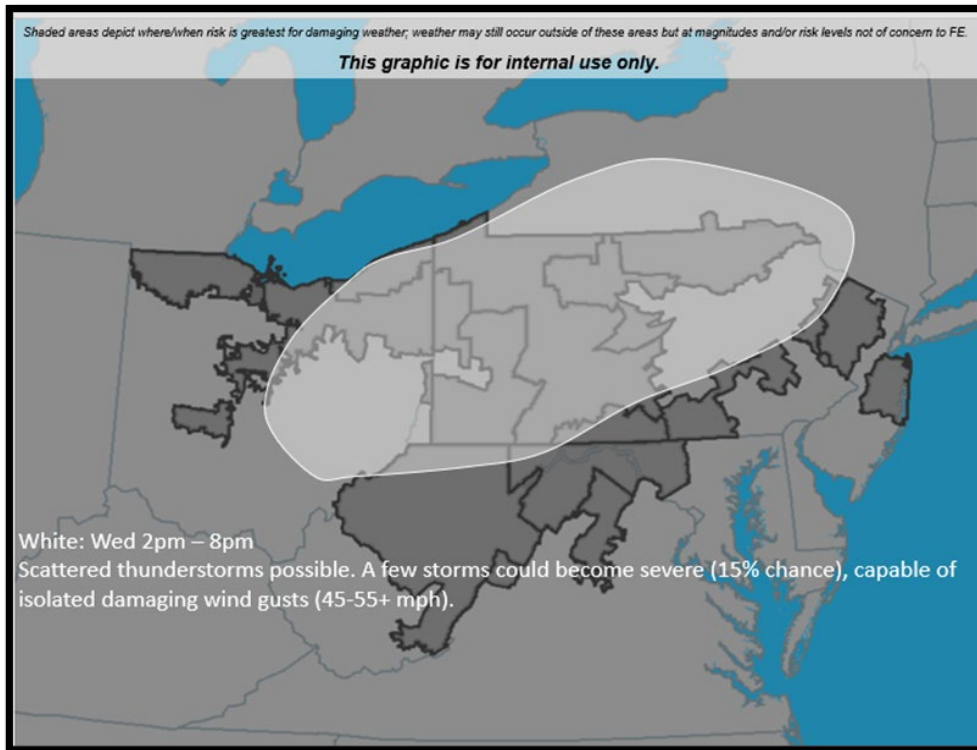
Slightly raised the threat, both in storm risk and wind gust potential, for strong thunderstorms capable of damaging gusts across portions of eastern Pennsylvania and New Jersey late this afternoon and evening. Elsewhere, a few strong scattered storms capable of a few localized damaging gusts will be possible across portions of Pennsylvania and Maryland.

For Wednesday, another round of scattered thunderstorms is expected over a broad area of FirstEnergy. While storm coverage is expected to be scattered, storms will be capable of isolated damaging gusts.

See the two graphics below for further information.



West Penn Storm Report



**Wednesday, July 7, 2021 @ 0929**

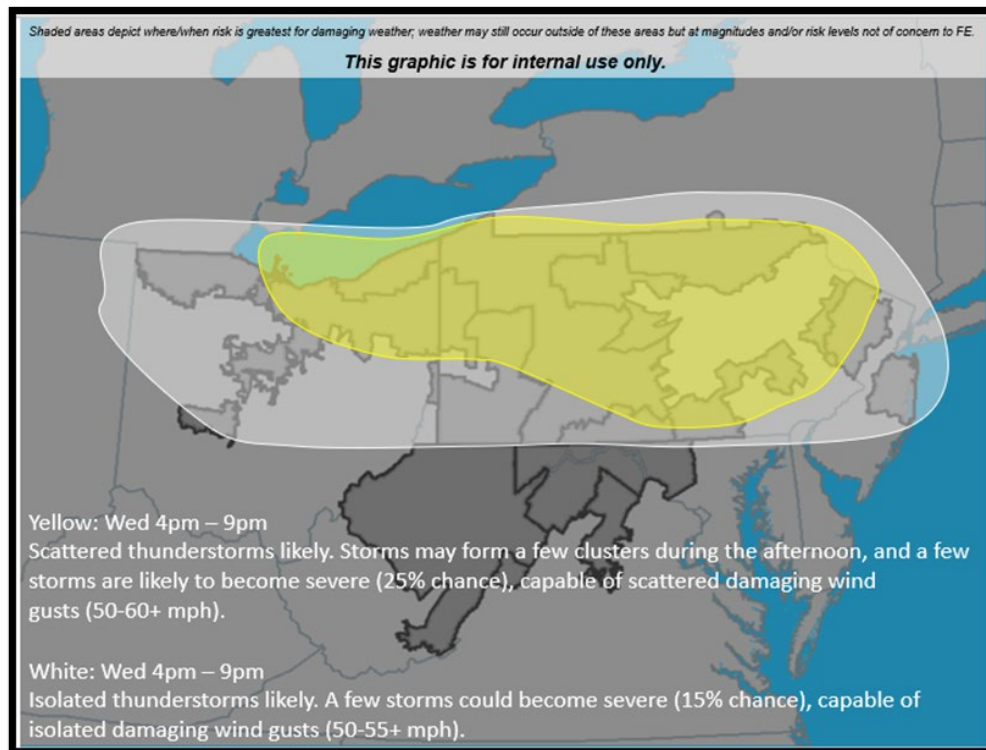
**Update:**

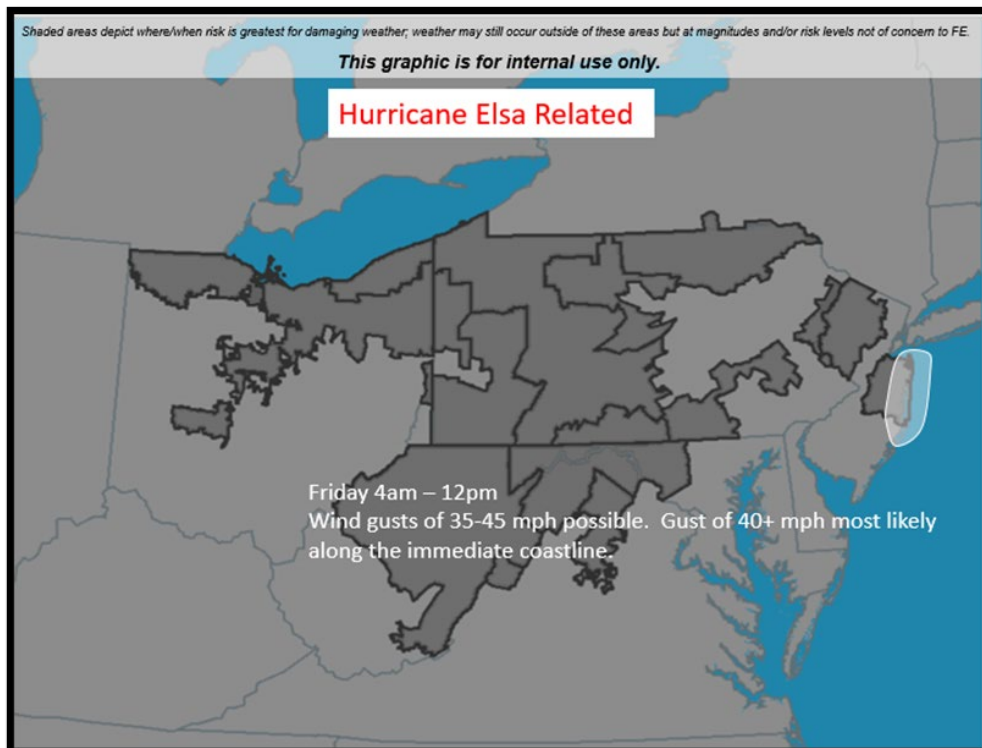
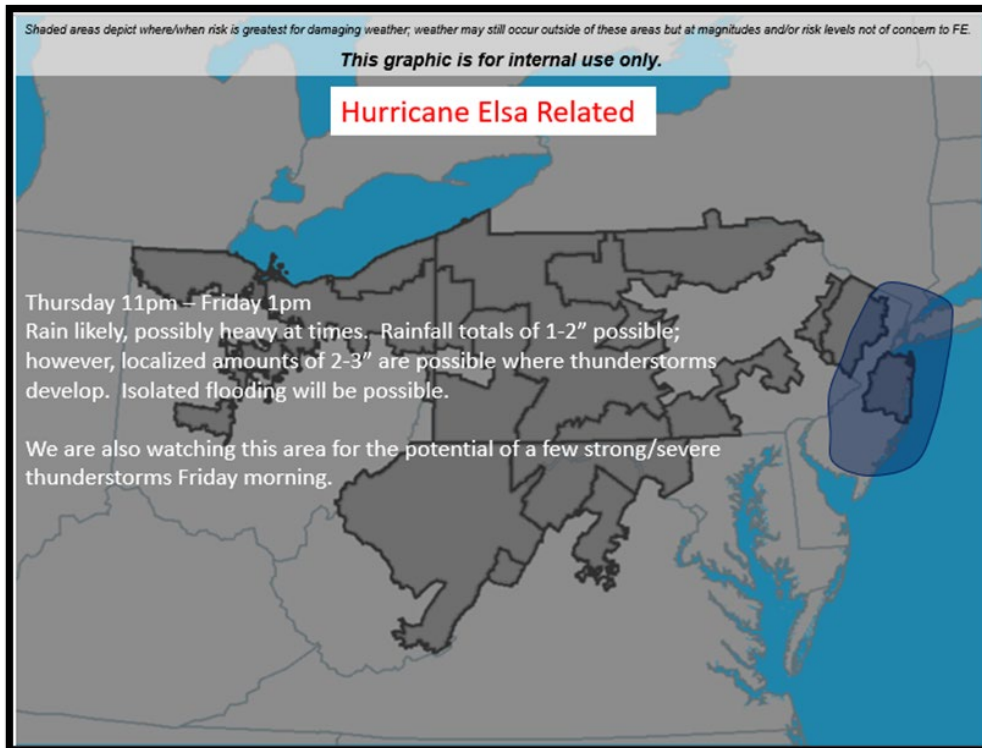
Increased the thunderstorm risk—and expanded the area of highest risk of strong storms—for Wednesday afternoon/evening. A rather large portion of FirstEnergy is at risk for storms capable of damaging gusts—but storm coverage across this area is expected to be scattered throughout the late afternoon and evening. Nonetheless, a few clusters or small line segments of storms are possible, and any storm that develops will be capable of at least isolated—and in the worst case, numerous—damaging gusts.

**Hurricane Elsa:**

Elsa is currently in the process of making landfall in Florida, and it will move north up the Atlantic coast over the next 48 hours. While Elsa’s path and timing still are not certain—and since Elsa is a rather small storm, small changes in storm track will have a big impact on forecasted conditions—periods of heavy rain and gusty winds are possible for areas of New Jersey late Thursday and Friday. As of now, locally heavy rains will be possible across portions of New Jersey, and a period of gusty winds (35-45 mph) will be possible, especially along the immediate coastline Friday morning.

See the three graphics below for further information.





**Thursday, July 8, 2021 @ 0826**

**Update:**

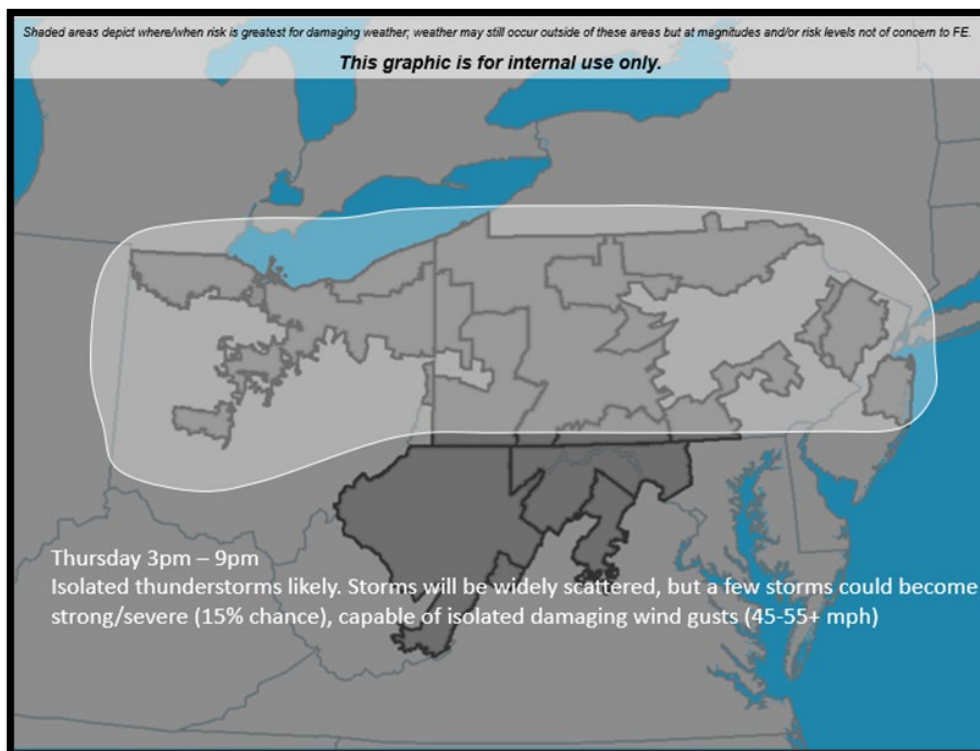
Added a low risk for strong storms with damaging gusts for most of the northern half of FirstEnergy. Storm activity is expected to be widely scattered this afternoon and evening, but a few strong storms are likely to develop and be will capable of isolated damaging gusts.

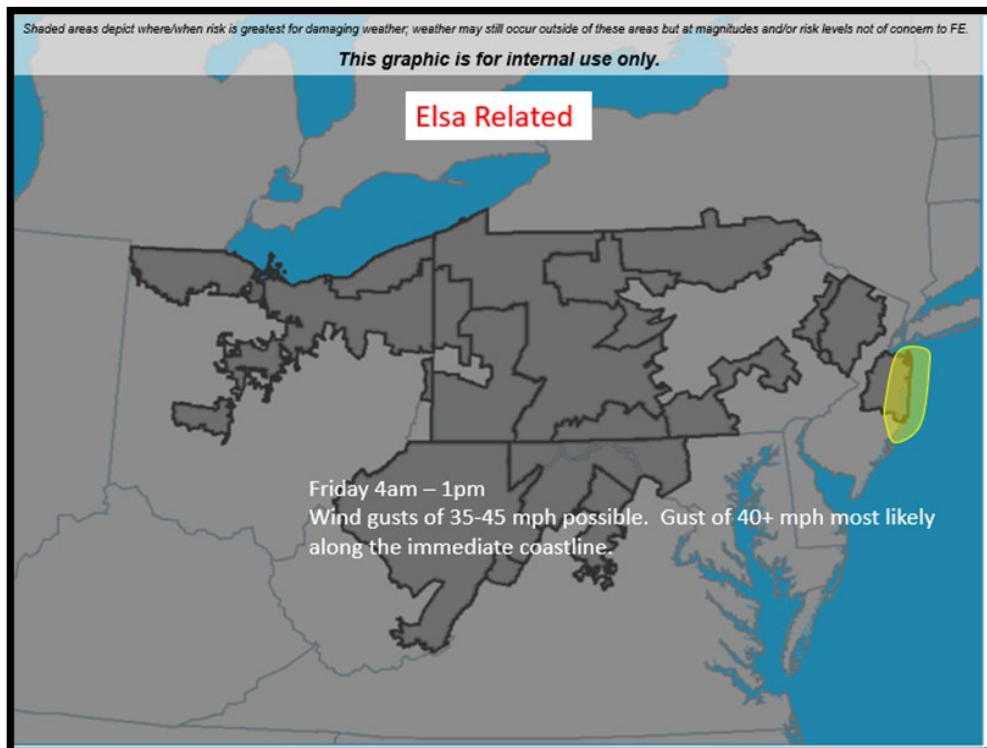
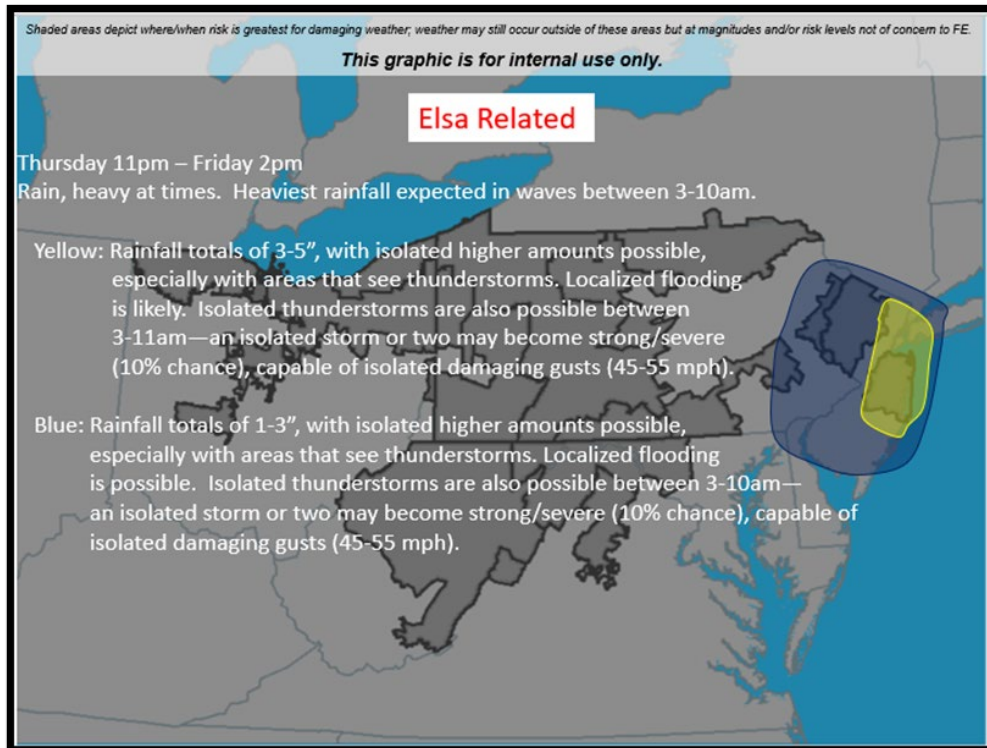
**Remnants of Tropical Storm Elsa:**

Increased expected rainfall across far eastern FirstEnergy and included far eastern Pennsylvania in the area at risk for heavy rain. Some areas of New Jersey may see upwards of 4-5” of rain early Friday, where localized flooding will be likely. A strong wind gust or two will also be possible in any thunderstorms that develop across this region, although this threat is expected to be very isolated.

Elsewhere, a period of elevated wind gusts (>35+ mph) will be possible along the immediate New Jersey coastline early Friday morning.

See the three graphics below for further information.





**Thursday, July 8, 2021 @ 1543**

**Update:**

Minor adjustments to timing regarding Elsa-related wind and rain threat, bumping up arrival time of heaviest winds and rain a few hours. Otherwise, no changes to that portion of the forecast.

Also, no major changes to this afternoon/evening's forecast, except to remove areas of Ohio. Rounds of isolated thunderstorms are expected through the evening hours across a large portion of FirstEnergy; a few of these storms will be capable of becoming severe and producing damaging wind gusts.

See the three graphics below for further information.

