FirstEnergy

2800 Pottsville Pike
PO Box 16001
Reading, PA 19612-6001

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

July 19, 2021

VIA ELECTRONIC 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 – 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 June 30, 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 — *(Name)*
President, Pennsylvania Operations — *(Title)*

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

4. Date and time report was made to Commission:

June 30, 2021 — *(Date)*
1957 — *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 29,816 (Represents 4.1% 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	8,132	56	47
Armstrong	2,392	31	13
Bedford	160	6	2
Bedford	3	1	0
Butler	90	10	21
Cameron	12	2	4
Centre	394	21	20
Clarion	51	5	5
Elk	26	4	6
Fayette	3,801	26	31
Franklin	1,711	20	28
Fulton	322	14	4
Greene	191	12	22
Indiana	2,938	21	2
Lycoming	711	3	0
Potter	336	4	0
Washington	4,711	134	239
Westmoreland	3,835	67	76
TOTAL	**29,816**	**437**	**520**

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 131

(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 afternoon, June 29, 2021, warm temperatures and sufficient moisture ahead of a slow-moving cold front brought thunderstorm activity across the State on June 29 and 30. However, initial impacts to West Penn from the thunderstorms began on June 30. The cold front passed through the service territory on July 1, triggering additional thunderstorms. The front formed a storm system which produced sustained high winds with maximum winds gusts in excess of 60-miles per hour. ***See*** Attachment B for the maximum wind speeds measured on June 30, 2021 and the 24-hour total precipitation graphics for June 30 and July 1, 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 and Boyce areas. Approximately 56% 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 9.2 minutes of SAIDI, 0.04 of SAIFI, and an overall storm CAIDI of 222.1 minutes.

(g) Projected time of restoration: The estimated times of restoration for the majority of customers was 1600 on July 1, 2021 for the Waynesboro and Arnold areas and 2300 on July 1, 2021 for the Boyce and Charleroi areas, 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	241	Line Workers
Subtotal	**241**	
CW Wright Construction	11	Line Contractor
Pole Set Inc.	4	Line Contractor
Subtotal	**15**	
Asplundh	46	Forestry Contractor
Davey	13	Forestry Contractor
Penn Line Services	33	Forestry Contractor
Townsend	13	Forestry Contractor
Subtotal	**105**	
West Penn Power	5	Hazard Responders/Damage Assessors
Subtotal	**5**	
West Penn Power	147	Supporting Roles
Contractor	1	Supporting Roles
Subtotal	**148**	
Grand Total	**514**	

(i) The date and time of the first information of a service interruption: June 30, 2021 at 1108.

(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 4, 2021 at 1800. Additionally, West Penn was able to restore approximately 88.1% 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	239
Secondary Spans Down	18
Crossarms Replaced	70
Cutouts Replaced	38
Poles Replaced	18
Transformers Replaced	37
Wire & Cable Replaced (feet)	12,733

(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[1]:

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
9999901-1	Washington	16	5,949	06/30/2021 1451	07/04/2021 1800
9997579-3	Washington	2	3,163	06/30/2021 1436	07/02/2021 1919
9996637-2	Washington	4	2,982	06/30/2021 1436	07/02/2021 1618
9997515-3	Washington	23	2,724	06/30/2021 1436	07/02/2021 1200
9993866-1	Washington	1	2,693	06/30/2021 1722	07/02/2021 1415
9997444-2	Washington	5	2,663	06/30/2021 1443	07/02/2021 1106
9993094-2	Washington	1	2,568	06/30/2021 1430	07/02/2021 0918
9993765-2	Westmoreland	1	2,466	06/30/2021 1648	07/02/2021 0954
9997641-1	Washington	3	2,290	06/30/2021 1436	07/02/2021 0446
9997515-2	Washington	1	2,182	06/30/2021 1436	07/02/2021 0258
9997583-1	Washington	10	1,764	06/30/2021 1436	07/01/2021 2000
9997439-1	Washington	162	1,757	06/30/2021 1445	07/01/2021 2002
9993247-1	Washington	1	1,745	06/30/2021 1449	07/01/2021 1954
9997515-1	Washington	29	1,744	06/30/2021 1436	07/01/2021 1940
9993373-2	Washington	1	1,739	06/30/2021 1501	07/01/2021 2000
9997682-1	Washington	31	1,704	06/30/2021 1436	07/01/2021 1900
9993423-2	Washington	13	1,702	06/30/2021 1458	07/01/2021 1920
9995493-1	Washington	27	1,688	06/30/2021 1442	07/01/2021 1850
9997444-1	Washington	44	1,657	06/30/2021 1443	07/01/2021 1820
9996491-1	Washington	3	1,647	06/30/2021 1333	07/01/2021 1700
9993215-3	Washington	1	1,644	06/30/2021 1456	07/01/2021 1820
9997666-1	Washington	1	1,627	06/30/2021 1436	07/01/2021 1743
9994088-2	Washington	6	1,600	06/30/2021 1450	07/01/2021 1730
9993260-2	Washington	1	1,598	06/30/2021 1452	07/01/2021 1730
9998880-1	Washington	2	1,584	07/01/2021 1436	07/02/2021 1700
9996626-1	Washington	176	1,576	06/30/2021 1436	07/01/2021 1652
9993748-2	Bedford	1	1,558	06/30/2021 1642	07/01/2021 1840
9993810-2	Washington	1	1,531	06/30/2021 1703	07/01/2021 1834
9996629-1	Washington	61	1,526	06/30/2021 1436	07/01/2021 1602

[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.

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
9997237-1	Washington	1	1,523	06/30/2021 1453	07/01/2021 1616
9996492-1	Washington	1	1,488	07/01/2021 0904	07/02/2021 0952
9993896-3	Washington	533	1,474	06/30/2021 1437	07/01/2021 1511
9997024-2	Washington	1	1,472	07/01/2021 1045	07/02/2021 1117
9994523-1	Allegheny	4	1,471	06/30/2021 1529	07/01/2021 1600
9999093-1	Washington	23	1,462	07/01/2021 1403	07/02/2021 1425
9996510-1	Washington	54	1,458	06/30/2021 1438	07/01/2021 1456
9993520-2	Washington	3	1,458	06/30/2021 1542	07/01/2021 1600
9995493-1	Washington	39	1,443	06/30/2021 1442	07/01/2021 1445
9994437-2	Washington	14	1,433	06/30/2021 1445	07/01/2021 1438
9993625-2	Washington	13	1,376	06/30/2021 1455	07/01/2021 1351
9993772-1	Washington	3	1,368	06/30/2021 1530	07/01/2021 1418
9993261-2	Washington	3	1,360	06/30/2021 1452	07/01/2021 1332
9994434-2	Washington	4	1,334	06/30/2021 1526	07/01/2021 1340
9994141-2	Washington	14	1,310	06/30/2021 1445	07/01/2021 1235
9995493-1	Washington	58	1,308	06/30/2021 1442	07/01/2021 1230
9997471-1	Washington	6	1,286	06/30/2021 2049	07/01/2021 1815
9992928-2	Washington	1	1,282	06/30/2021 1323	07/01/2021 1045
9997617-3	Washington	2	1,273	07/01/2021 1601	07/02/2021 1314
9994450-1	Washington	3	1,272	06/30/2021 2016	07/01/2021 1728
9996509-2	Washington	60	1,271	06/30/2021 1446	07/01/2021 1157
9993313-2	Washington	14	1,271	06/30/2021 1453	07/01/2021 1204
9993278-3	Washington	4	1,230	06/30/2021 1455	07/01/2021 1125
9993297-2	Washington	40	1,173	06/30/2021 1455	07/01/2021 1028
9993948-1	Washington	16	1,155	06/30/2021 1455	07/01/2021 1010
9993426-1	Washington	1	1,148	06/30/2021 1523	07/01/2021 1031
9997381-2	Washington	1	1,146	07/01/2021 1354	07/02/2021 0900
9997085-1	Allegheny	25	1,131	06/30/2021 1911	07/01/2021 1402
9997860-1	Washington	1	1,101	07/01/2021 1905	07/02/2021 1326
9997843-2	Washington	9	1,099	07/01/2021 1520	07/02/2021 0939
9997085-1	Allegheny	6	1,096	06/30/2021 1911	07/01/2021 1327
9993560-3	Washington	25	1,076	06/30/2021 1558	07/01/2021 0954
9999143-1	Washington	10	1,076	07/02/2021 0954	07/03/2021 0350
9994368-2	Washington	2	1,075	06/30/2021 1535	07/01/2021 0930

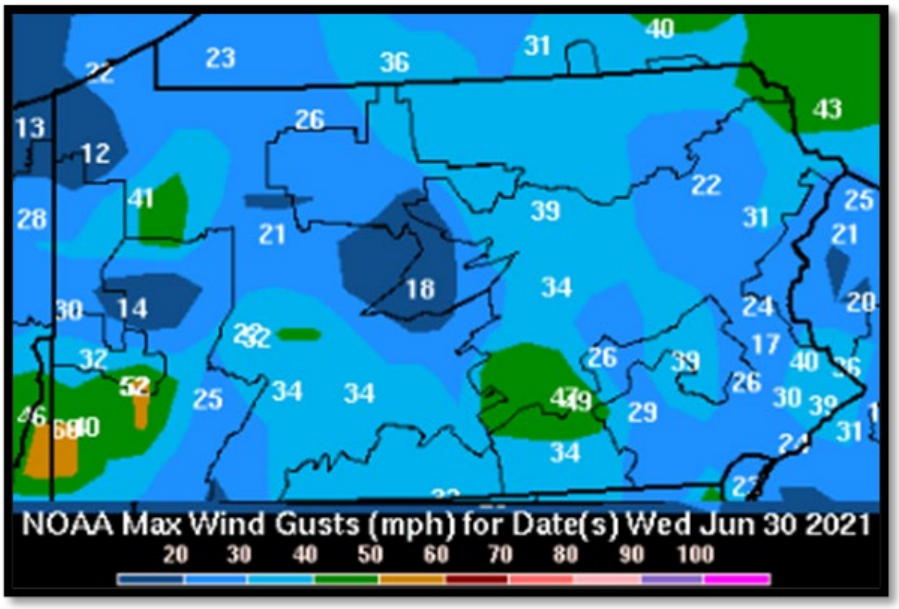
Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
9993641-1	Washington	1	1,046	06/30/2021 1615	07/01/2021 0941
9993880-2	Greene	4	1,032	06/30/2021 1728	07/01/2021 1040
9994186-2	Franklin	2	1,022	06/30/2021 1836	07/01/2021 1138
9994351-2	Washington	1	1,021	06/30/2021 1918	07/01/2021 1219
9994408-2	Fulton	13	1,004	06/30/2021 2126	07/01/2021 1410
9996709-1	Washington	24	981	07/01/2021 0101	07/01/2021 1722
9997085-1	Allegheny	15	977	06/30/2021 1911	07/01/2021 1128
9994541-2	Washington	1	975	06/30/2021 2118	07/01/2021 1333
9998096-2	Washington	1	975	07/01/2021 2257	07/02/2021 1512
9996864-1	Fulton	4	945	06/30/2021 1816	07/01/2021 1001
9994327-1	Allegheny	46	937	06/30/2021 1912	07/01/2021 1049
9993890-1	Fulton	15	921	06/30/2021 1731	07/01/2021 0852
9993425-1	Allegheny	66	910	06/30/2021 1452	07/01/2021 0602
9997803-2	Washington	2	898	07/01/2021 1602	07/02/2021 0700
9994508-1	Washington	16	897	06/30/2021 2048	07/01/2021 1145
9994187-2	Allegheny	5	862	06/30/2021 1836	07/01/2021 0858
9997859-2	Washington	7	857	07/01/2021 1903	07/02/2021 0920
9996618-1	Armstrong	10	831	06/30/2021 1909	07/01/2021 0900
9999763-2	Fayette	4	828	07/03/2021 1829	07/04/2021 0817
9993163-1	Washington	93	828	06/30/2021 1436	07/01/2021 0424
9996709-1	Washington	23	779	07/01/2021 0101	07/01/2021 1400
9994199-2	Westmoreland	1	774	06/30/2021 1841	07/01/2021 0735
9999944-2	Washington	45	744	07/04/2021 0406	07/04/2021 1630
9998097-2	Allegheny	8	689	07/01/2021 2301	07/02/2021 1030
9994300-2	Armstrong	29	687	06/30/2021 1908	07/01/2021 0635
9999865-1	Washington	1	681	07/03/2021 2015	07/04/2021 0736
9993520-1	Washington	59	638	06/30/2021 1542	07/01/2021 0220
9997222-1	Washington	1	632	07/01/2021 1201	07/01/2021 2233
9997945-2	Washington	14	628	07/01/2021 1622	07/02/2021 0250
9999940-1	Allegheny	2	619	07/04/2021 0304	07/04/2021 1323
9993672-1	Lycoming	3	587	06/30/2021 1620	07/01/2021 0207
9993999-1	Westmoreland	16	585	06/30/2021 1415	07/01/2021 0000
9993180-1	Washington	245	574	06/30/2021 1457	07/01/2021 0031
9994374-1	Greene	16	574	06/30/2021 1511	07/01/2021 0045

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
9997046-2	Washington	1	558	07/01/2021 1054	07/01/2021 2012
9996656-2	Armstrong	12	558	07/01/2021 0336	07/01/2021 1254
9993613-1	Centre	9	550	06/30/2021 1610	07/01/2021 0120
9997026-3	Washington	4	547	07/01/2021 1623	07/02/2021 0130
9993817-2	Bedford	57	540	06/30/2021 1705	07/01/2021 0205
9996643-1	Washington	3	530	07/01/2021 0702	07/01/2021 1552
9996501-2	Washington	68	518	06/30/2021 2322	07/01/2021 0800
9998572-2	Armstrong	5	514	07/02/2021 0256	07/02/2021 1130
9997533-1	Washington	1	506	07/01/2021 0954	07/01/2021 1820
9993751-1	Indiana	12	504	06/30/2021 1643	07/01/2021 0107
9999720-2	Allegheny	49	485	07/03/2021 1727	07/04/2021 0132
9993789-2	Armstrong	21	481	06/30/2021 1659	07/01/2021 0100
9996529-1	Greene	1	477	07/01/2021 0346	07/01/2021 1143
9996787-2	Washington	1	469	07/01/2021 0818	07/01/2021 1607
9996984-2	Franklin	1	465	07/01/2021 1012	07/01/2021 1757
9999252-2	Washington	3	438	07/02/2021 1312	07/02/2021 2030
9996496-1	Washington	17	436	07/01/2021 0056	07/01/2021 0812
9996825-1	Fayette	1	434	07/01/2021 0837	07/01/2021 1551
9998030-2	Indiana	2	421	07/01/2021 2148	07/02/2021 0449
9999521-2	Westmoreland	1	410	07/03/2021 0322	07/03/2021 1012
9997502-2	Washington	1	408	07/01/2021 1450	07/01/2021 2138
9999113-1	Armstrong	1	407	07/02/2021 1321	07/02/2021 2008
9998618-1	Washington	1	401	07/02/2021 0631	07/02/2021 1312
9998116-2	Lycoming	356	388	07/01/2021 2338	07/02/2021 0606
9993953-2	Fulton	5	381	06/30/2021 1734	06/30/2021 2355
10000035-2	Westmoreland	24	369	07/04/2021 0905	07/04/2021 1514
9992988-2	Allegheny	181	367	06/30/2021 1349	06/30/2021 1956
9994279-2	Indiana	1	366	06/30/2021 1410	06/30/2021 2016
9994279-2	Indiana	1	366	06/30/2021 1410	06/30/2021 2016
9994279-1	Indiana	63	366	06/30/2021 1410	06/30/2021 2016
9994279-2	Indiana	219	366	06/30/2021 1410	06/30/2021 2016
9994279-2	Indiana	1	366	06/30/2021 1410	06/30/2021 2016
9994279-2	Indiana	1	366	06/30/2021 1410	06/30/2021 2016
9999076-2	Fayette	1	365	07/02/2021 1252	07/02/2021 1857

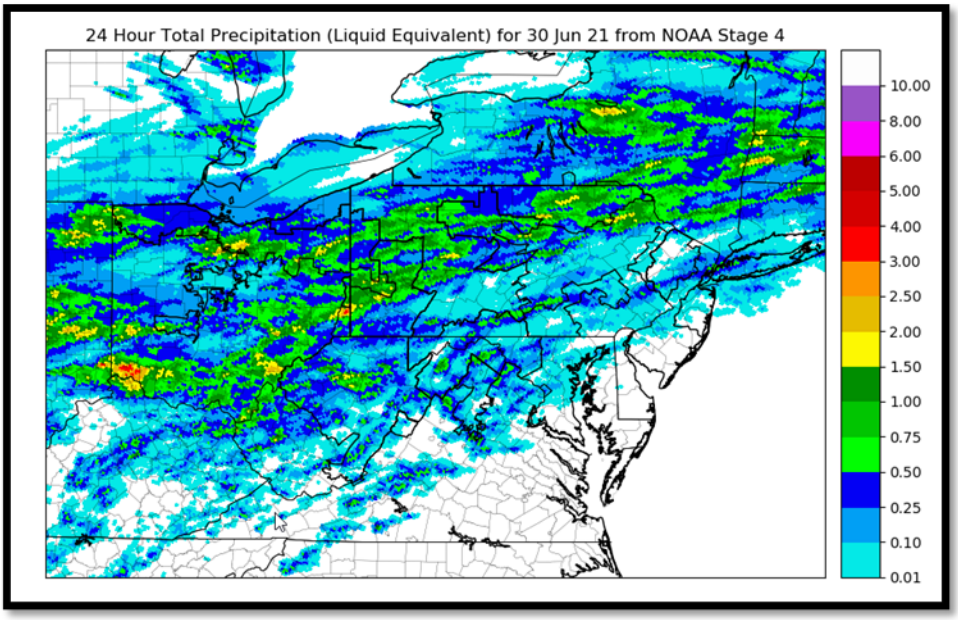
Attachment B: FirstEnergy Wind and Precipitation Report

Wind and Precipitation Reports: Graphic 1 illustrates the maximum wind gusts in the West Penn service territory on June 30, 2021. Graphics 2 and 3 illustrate the 24-Hour Total Precipitation on June 30 and July 1, 2021. The graphics are from the National Oceanic and Atmospheric Administration ("NOAA").

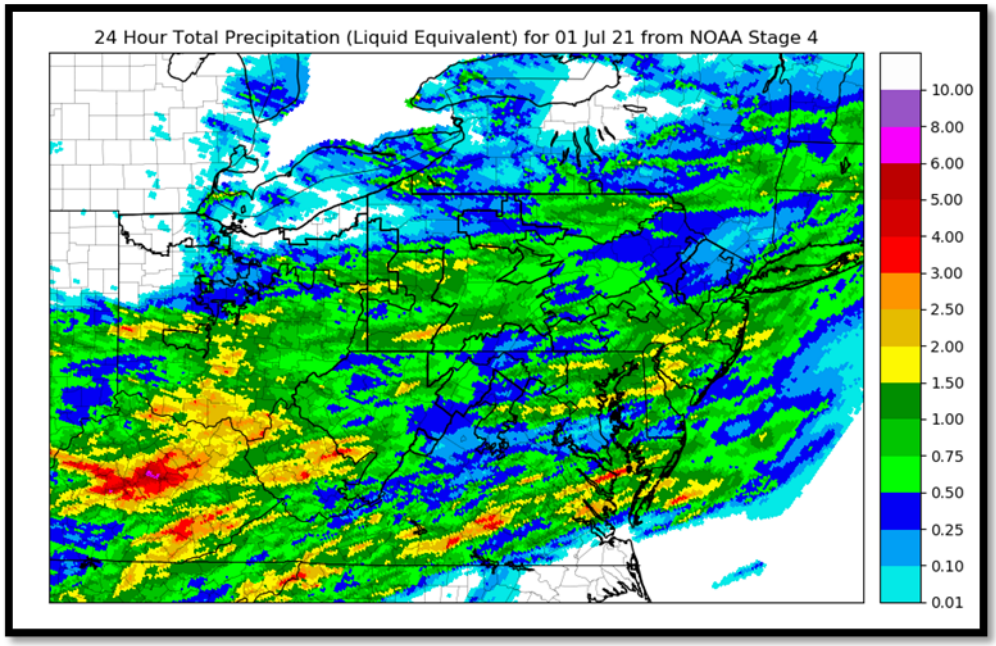
Graphic 1: Maximum Wind Gusts: Wednesday, June 30, 2021



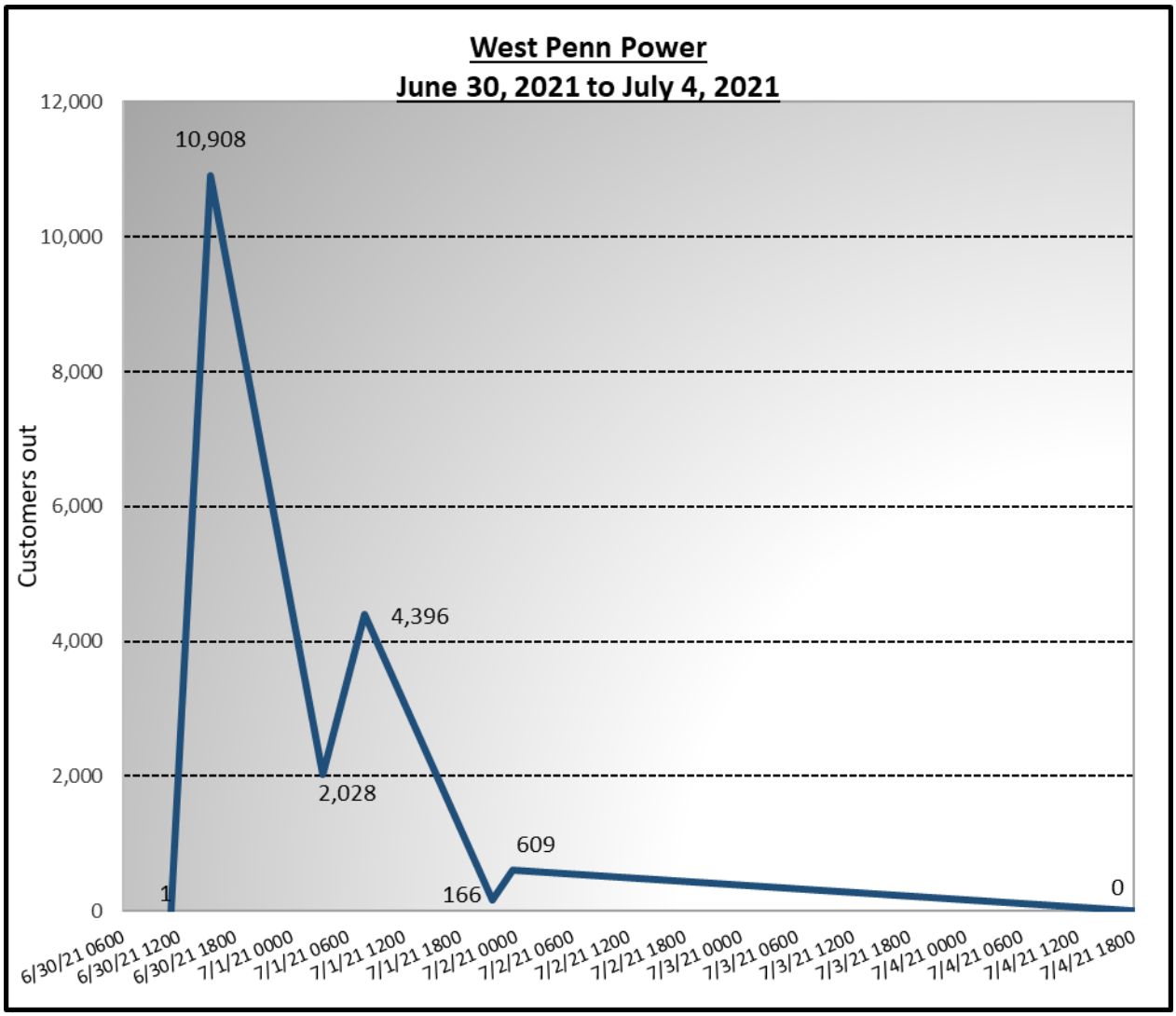
Graphic 2: 24-Hour Total Precipitation: Wednesday, June 30, 2021



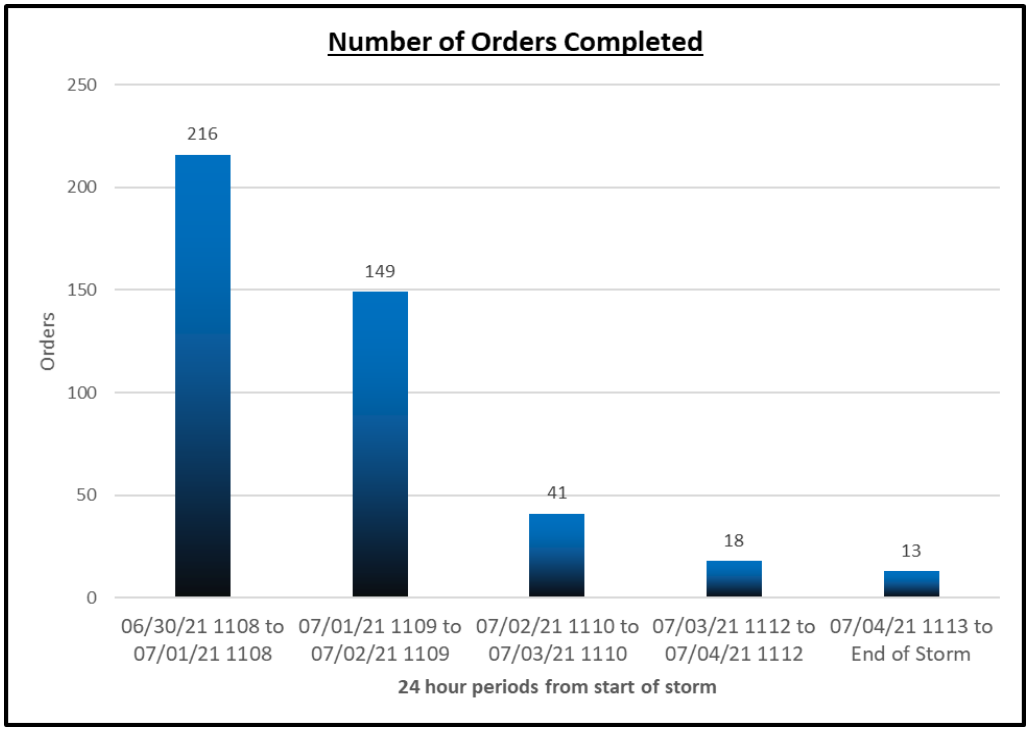
Graphic 3: 24-Hour Total Precipitation: Thursday, July 1, 2021

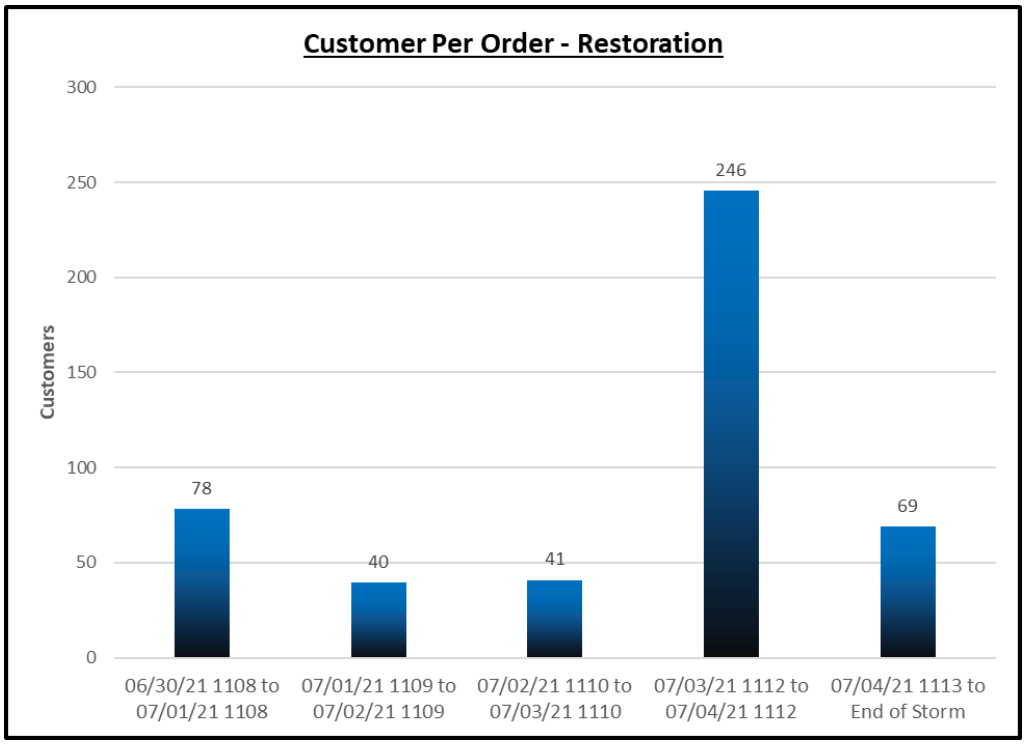


Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



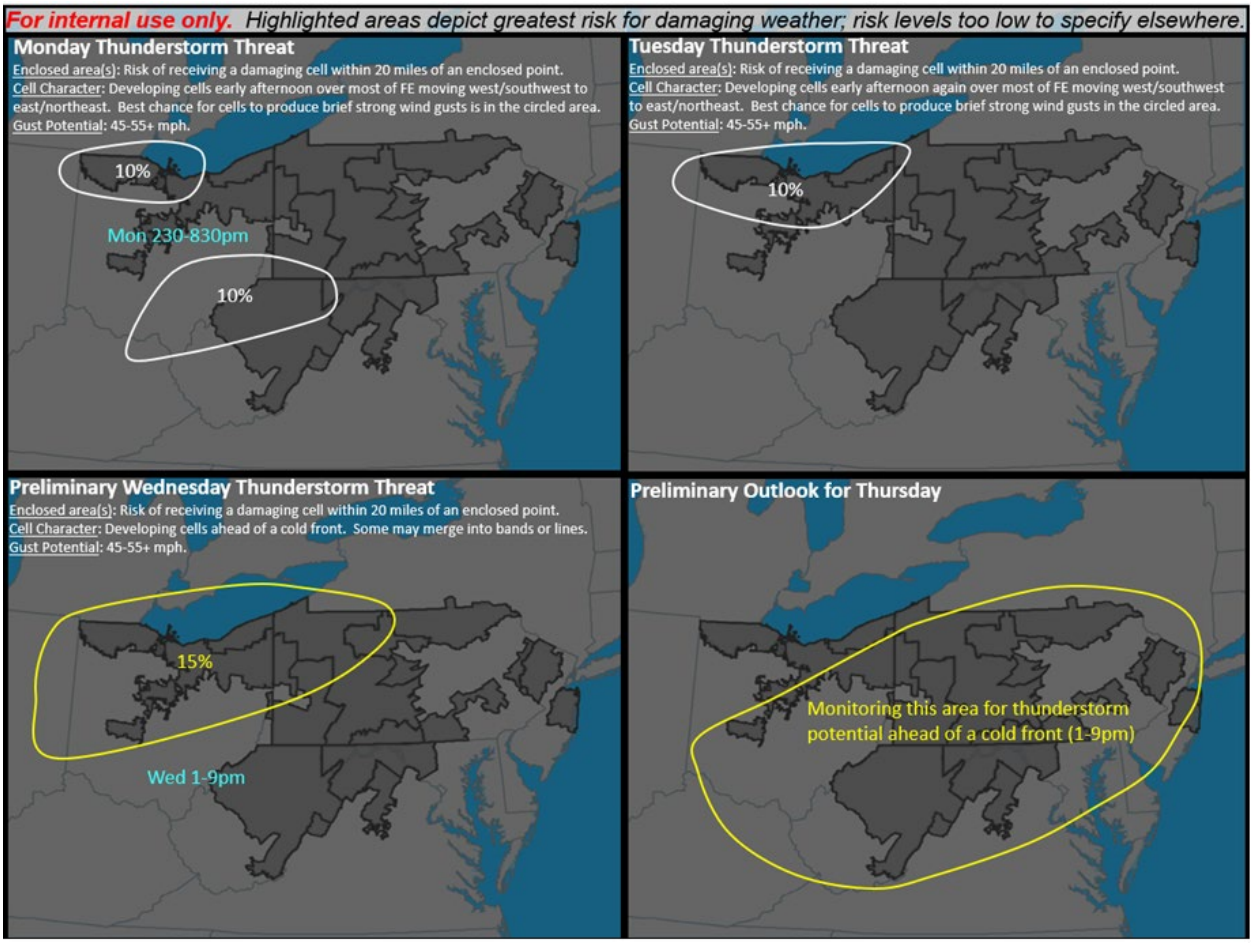


Attachment E: FirstEnergy Meteorologist Reports

Monday June 28, 2021 @ 1028

New Issuance: Small thunderstorm threats for today (Monday) and tomorrow (Tuesday). Risks begin to increase and spread mid/late week ahead of a cold frontal passage.

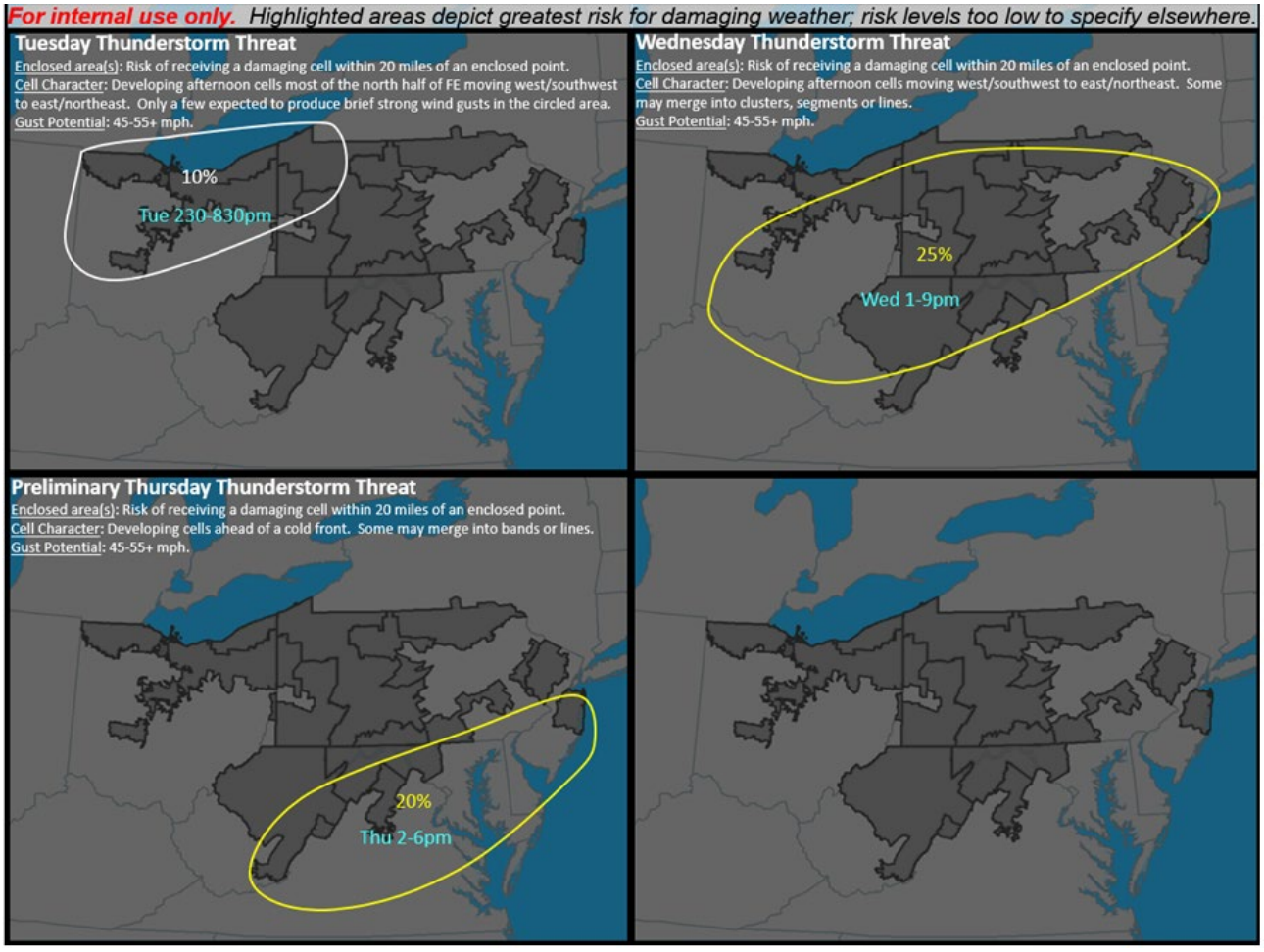
Note - the cold front has the potential to exit FirstEnergy by Friday morning. We will continue to monitor this frontal passage, but even though unsettled weather is expected through the weekend in most of FirstEnergy after the front passes, the risk for damaging weather looks to remain low through the holiday weekend.



Tuesday, June 29, 2021 @ 1005

Changes

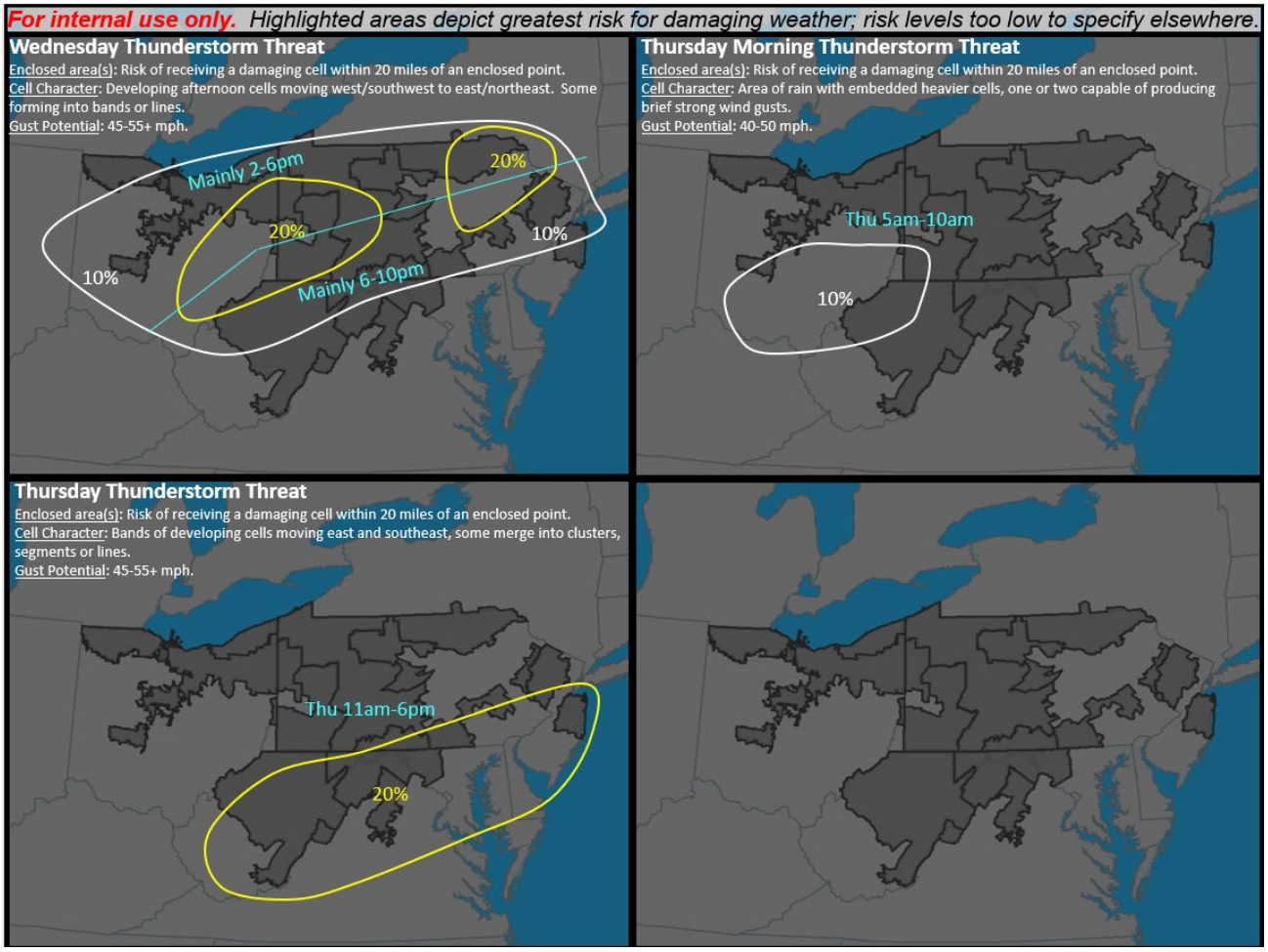
1. Expanded and shifted threat area for Wednesday
2. Adjusted threat areas for Thursday



Wednesday, June 30, 2021 @ 0937

Changes

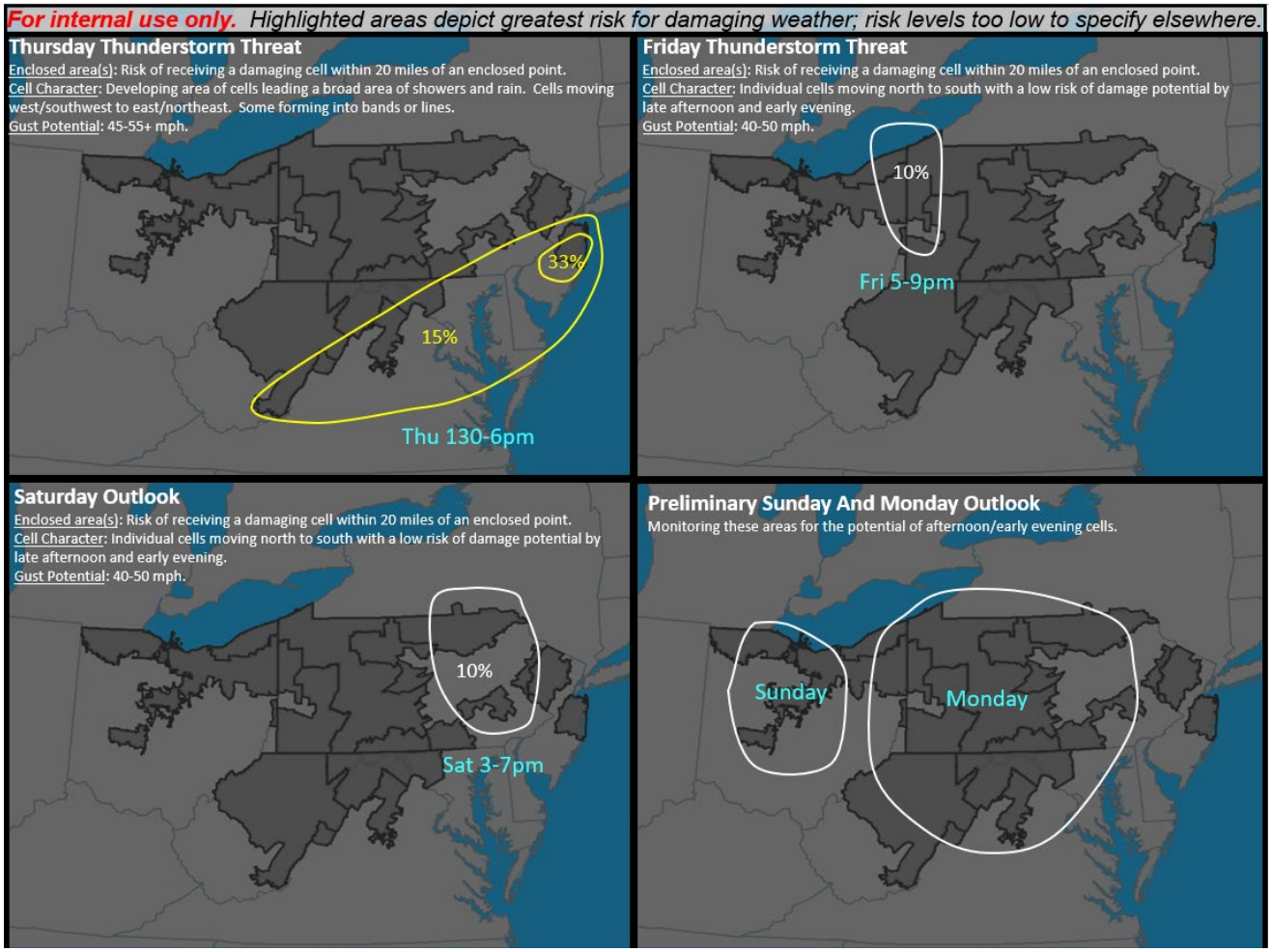
1. Today (Wednesday). Added granularity to risk areas and timing. NOTE – the ongoing morning storms in western Ohio are not expected to be severe. Confidence is normal for this graphic.
2. Thursday. Added a morning threat. Then adjusted slightly north the risk area. Confidence is normal for both "Thursday" graphics.



Thursday, July 1, 2021 @ 0925

Changes

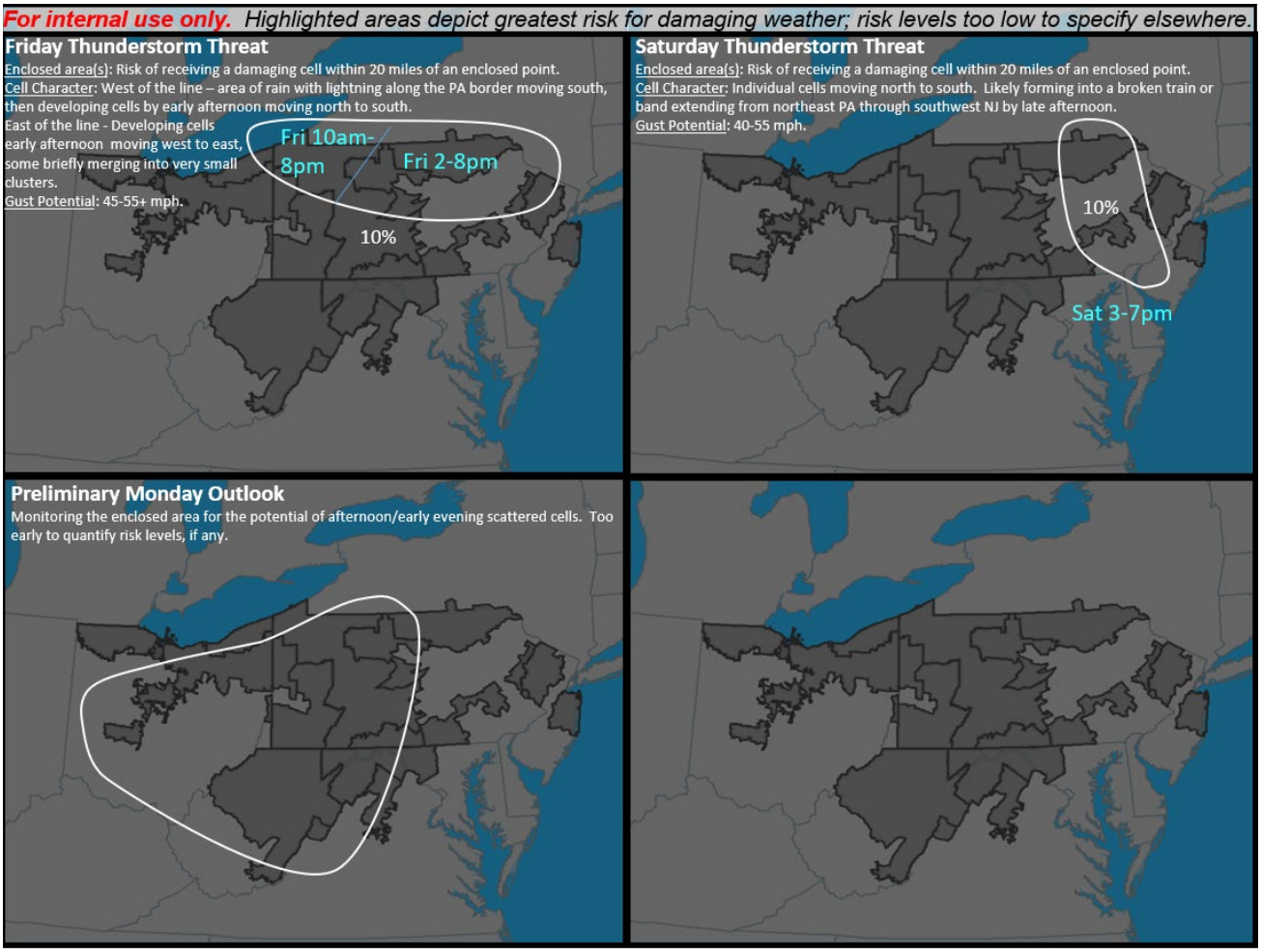
1. Today. Fine-tuned and added granularity to risk area. Confidence is normal for this panel.
2. Friday and Saturday. Added nuisance threats. Confidence is below normal for these panels since the risks are on the verge of being null-events and we do not expect the risk to rise above the levels indicated.
3. Sunday and Monday. Due to the holiday weekend, for situational awareness purposes, areas are outlined that are being monitored for afternoon cell potential. The outlines are not risks, but rather indications of the areas merely being monitored to see if an alertable risk emerges as we draw near to these particular days. Confidence is therefore by default below normal for this panel since details are not yet available to reasonably quantify a risk.



Friday, July 2, 2021 @ 0947

Changes

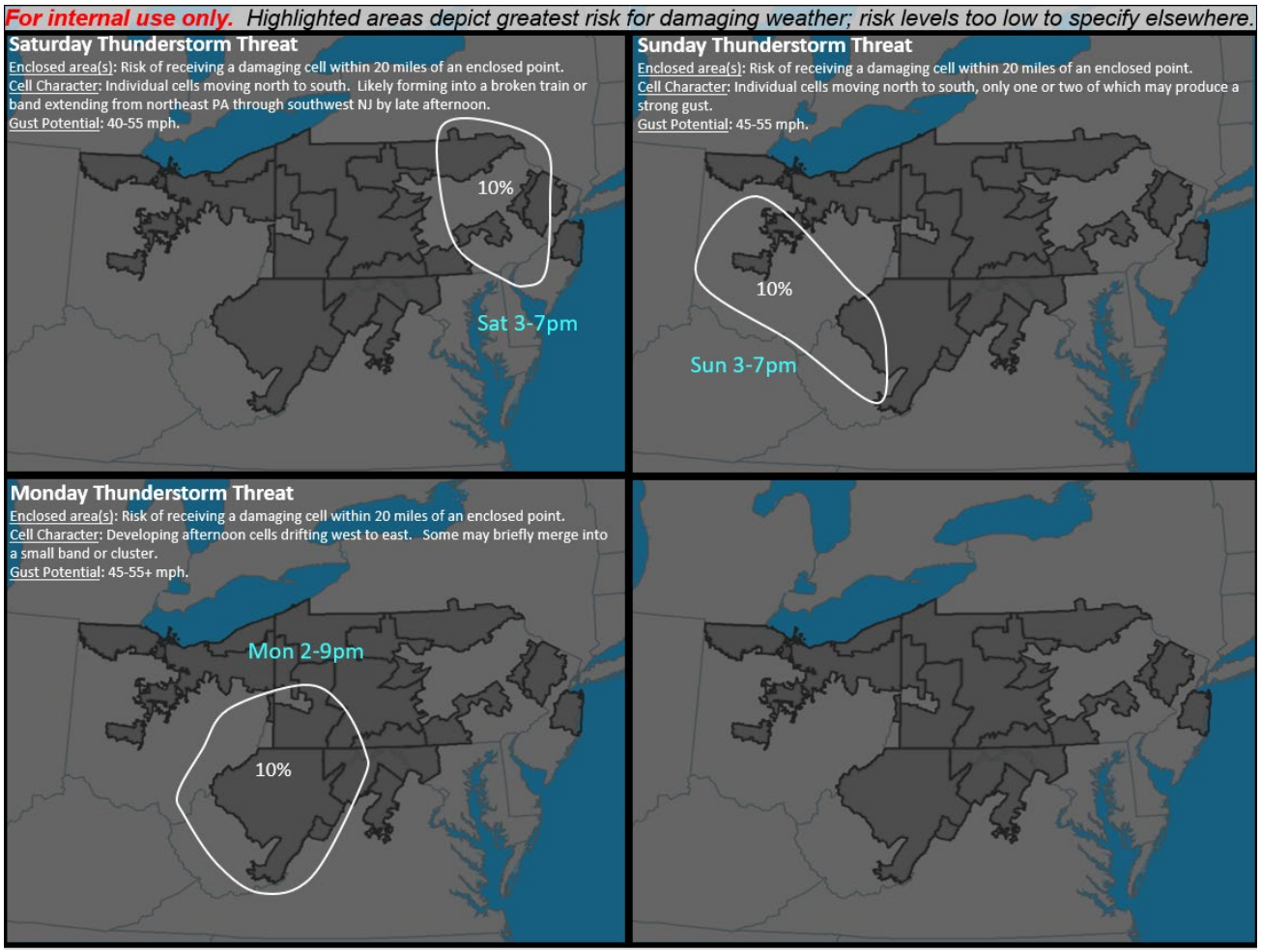
1. Today. Modified area to include the persistent rain/lightning this morning near Erie and then additional activity expected to develop this afternoon and persist through evening. Also added detail to timing. Confidence is normal with this panel.
2. Saturday. Expanded risk area farther south. Confidence is normal for this panel.
3. Sunday and Monday. Dropped any mention of meaningful threats except for Monday which we are still monitoring. The outlined area is not a risk level, but rather an indication of the area being monitored for a risk to emerge. Confidence is below normal for this panel since details are not yet available to reasonably quantify a risk.



Saturday, July 3, 2021 @ 1022

Changes - Nuisance threats each day, isolated strong gusts at worst.

1. Today. Expanded risk area east. Confidence is normal for this panel.
2. Sunday. Reintroduced a threat for afternoon isolated storms. Confidence is normal for this panel.
3. Monday. Fine-tuned risk area and added timing. Confidence is normal for this panel.



Sunday, July 4, 2021 @ 0802

Although scattered cells are possible this afternoon and tomorrow afternoon in many areas of FirstEnergy, they are not expected to produce any damage. Therefore, the alerts have been dropped. We will monitor this again tomorrow morning.