

Tori L. Giesler, Esq.
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September 20, 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 September 1, 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:

September 1, 2021 1120
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 19,401 (Represents 2.7% 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
Adams	564	7	4
Allegheny	3,512	26	41
Armstrong	109	9	16
Bedford	2,610	35	33
Butler	386	8	18
Centre	1,823	25	19
Clarion	115	3	5
Clinton	2	1	0
Fayette	1,407	22	16
Franklin	761	27	48
Fulton	2,305	28	32
Greene	129	13	4
Indiana	2	1	5
Washington	2,697	46	65
Westmoreland	2,979	58	52
Total	19,401	309	358

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 103

(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 in the early morning hours of Wednesday September 1, 2021, the remnants of Hurricane Ida impacted the West Penn service territory. West Penn experienced sustained winds with maximum wind gusts in excess of 36-miles per hour and periods of heavy rain accumulating up to six inches. See Attachment B for the maximum wind gusts and 24-hour total precipitation for September 1, 2021.

Damage as a result of the high winds and heavy rain included downed trees/power lines, damaged and broken poles/crossarms, and damaged equipment. Damage from this storm event was widespread and impacted large portions of West Penn’s service territory. The Waynesboro Region was the hardest hit area. Approximately 73.1% of the total outages that occurred in the West Penn service territory were tree related.

Preliminary data indicates the reliability impact of the storm was 5.3 minutes of SAIDI, 0.03 of SAIFI, and an overall storm CAIDI of 198.7 minutes.

- (g) Projected time of restoration: The estimated time of restoration for the majority of customers was 2200 on September 2, 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	154	Line Workers
Subtotal	154	
Penn Line Services, Inc.	9	Line Contractor
PoleSet Inc.	7	Line Contractor
Thompson Electric	8	Line Contractor
Subtotal	24	
Asplundh	43	Forestry Contractor
Davey	9	Forestry Contractor
Lewis Tree Service	3	Forestry Contractor
Penn Line Services, Inc.	36	Forestry Contractor
Townsend	12	Forestry Contractor
Subtotal	103	
West Penn Power	7	Hazard Responders/Damage Assessors
Subtotal	7	
West Penn Power	98	Supporting Roles
Thompson Electric	1	Supporting Roles
Subtotal	99	
Grand Total	387	

- (i) The date and time of the first information of a service interruption: September 1, 2021, at 0010.
- (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 storm commenced.

- (k) The actual time that service was restored to the last affected customer: September 3, 2021, at 1736. Additionally, West Penn was able to restore approximately 87.4% 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	180
Secondary Spans Down	17
Crossarms Replaced	15
Cutouts Replaced	31
Poles Replaced	5
Transformers Replaced	14
Wire & Cable Replaced (feet)	4,106

- (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 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
10065204-2	Bedford	1	3,253	09/01/2021 1123	09/03/2021 1736
10066852-4	Bedford	1	2,955	09/01/2021 1315	09/03/2021 1430
10066022-3	Franklin	1	2,911	09/01/2021 1416	09/03/2021 1447
10066853-2	Bedford	1	2,821	09/01/2021 1340	09/03/2021 1241
10066633-2	Bedford	1	2,714	09/01/2021 1551	09/03/2021 1305
10066936-2	Fulton	3	2,689	09/01/2021 1703	09/03/2021 1352
10072652-2	Bedford	1	2,630	09/01/2021 1429	09/03/2021 1019
10071645-1	Bedford	7	2,628	09/01/2021 1429	09/03/2021 1017
10067367-2	Fulton	1	2,452	09/01/2021 1623	09/03/2021 0915
10069723-1	Bedford	5	2,033	09/01/2021 1049	09/02/2021 2042
10070572-2	Fulton	7	1,998	09/02/2021 0738	09/03/2021 1656
10064466-2	Bedford	3	1,970	09/01/2021 0723	09/02/2021 1613
10064287-4	Bedford	22	1,921	09/01/2021 0610	09/02/2021 1411
10065602-2	Bedford	68	1,853	09/01/2021 1302	09/02/2021 1955
10066661-1	Fulton	3	1,837	09/01/2021 1328	09/02/2021 2005
10067689-2	Allegheny	1	1,810	09/01/2021 0904	09/02/2021 1514
10065178-2	Bedford	5	1,796	09/01/2021 1114	09/02/2021 1710
10065011-2	Bedford	12	1,751	09/01/2021 1014	09/02/2021 1525
10064477-2	Washington	1	1,727	09/01/2021 0728	09/02/2021 1215
10065538-2	Bedford	24	1,612	09/01/2021 1303	09/02/2021 1555
10065288-2	Fulton	13	1,605	09/01/2021 1136	09/02/2021 1421
10069542-1	Bedford	4	1,594	09/01/2021 1648	09/02/2021 1922
10065852-2	Franklin	3	1,558	09/01/2021 1402	09/02/2021 1600
10066212-2	Bedford	7	1,543	09/01/2021 1511	09/02/2021 1654
10065948-2	Franklin	26	1,517	09/01/2021 1424	09/02/2021 1541
10066633-1	Bedford	3	1,501	09/01/2021 1551	09/02/2021 1652
10066118-1	Bedford	7	1,501	09/01/2021 1049	09/02/2021 1150
10065763-1	Bedford	47	1,479	09/01/2021 1342	09/02/2021 1421
10066585-2	Bedford	19	1,469	09/01/2021 1328	09/02/2021 1357
10064719-3	Washington	5	1,464	09/01/2021 0849	09/02/2021 0913
10067108-2	Franklin	1	1,456	09/01/2021 1744	09/02/2021 1800

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.

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
10070750-1	Fulton	9	1,416	09/01/2021 1707	09/02/2021 1643
10066913-1	Bedford	5	1,369	09/01/2021 1657	09/02/2021 1546
10066902-1	Fulton	9	1,361	09/01/2021 1653	09/02/2021 1534
10065710-1	Bedford	32	1,344	09/01/2021 1333	09/02/2021 1157
10067446-2	Fulton	78	1,324	09/01/2021 1604	09/02/2021 1408
10066997-1	Fulton	65	1,284	09/01/2021 1354	09/02/2021 1118
10064386-2	Washington	1	1,283	09/01/2021 0629	09/02/2021 0352
10064447-2	Washington	1	1,272	09/01/2021 0718	09/02/2021 0430
10066986-1	Fulton	17	1,219	09/01/2021 1716	09/02/2021 1335
10066105-2	Washington	9	1,199	09/01/2021 1449	09/02/2021 1048
10070723-3	Franklin	1	1,166	09/02/2021 1324	09/03/2021 0850
10070773-2	Bedford	17	1,159	09/02/2021 1531	09/03/2021 1050
10066808-1	Bedford	16	1,140	09/01/2021 1630	09/02/2021 1130
10066621-1	Franklin	1	1,129	09/01/2021 1547	09/02/2021 1036
10066022-1	Franklin	8	1,064	09/01/2021 1416	09/02/2021 0800
10067335-1	Franklin	6	1,058	09/01/2021 1840	09/02/2021 1218
10066655-2	Fulton	8	1,030	09/01/2021 1553	09/02/2021 0903
10066537-1	Fulton	33	1,025	09/01/2021 1524	09/02/2021 0829
10065854-2	Franklin	6	974	09/01/2021 1324	09/02/2021 0538
10065854-2	Franklin	5	974	09/01/2021 1324	09/02/2021 0538
10067292-1	Adams	1	961	09/01/2021 1832	09/02/2021 1033
10067762-2	Franklin	30	960	09/01/2021 1948	09/02/2021 1148
10064501-2	Washington	1	942	09/01/2021 0733	09/01/2021 2315
10064195-2	Washington	4	942	09/01/2021 0126	09/01/2021 1708
10071710-2	Franklin	1	929	09/02/2021 2111	09/03/2021 1240
10067441-1	Fulton	19	906	09/01/2021 1854	09/02/2021 1000
10067669-1	Franklin	17	899	09/01/2021 1841	09/02/2021 0940
10067211-1	Adams	12	879	09/01/2021 1756	09/02/2021 0835
10067211-1	Adams	118	864	09/01/2021 1756	09/02/2021 0820
10064259-2	Washington	80	832	09/01/2021 0518	09/01/2021 1910
10064242-2	Allegheny	2	830	09/01/2021 0459	09/01/2021 1849
10067211-1	Adams	34	805	09/01/2021 1910	09/02/2021 0835
10064743-2	Washington	1	802	09/01/2021 0858	09/01/2021 2220
10064199-2	Washington	7	796	09/01/2021 0144	09/01/2021 1500
10065125-2	Westmoreland	2	742	09/01/2021 1052	09/01/2021 2314
10070784-1	Fayette	2	721	09/02/2021 1419	09/03/2021 0220

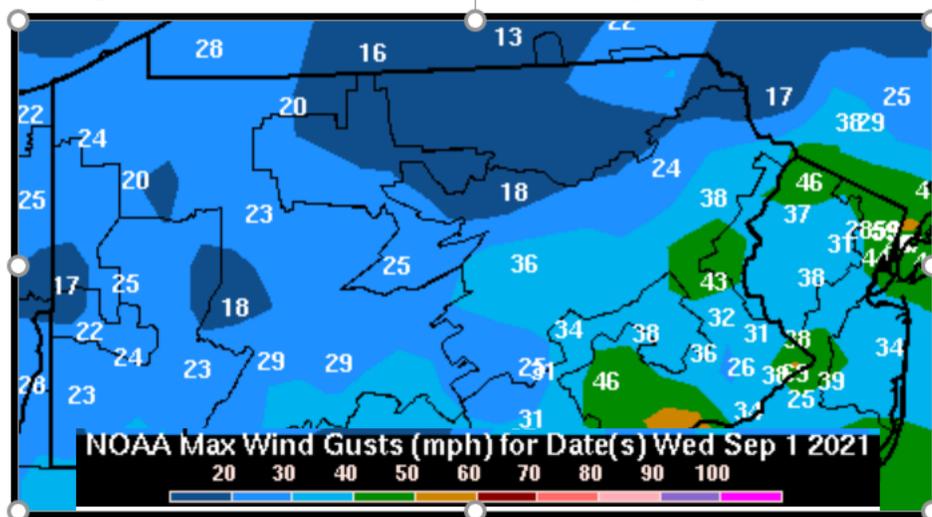
West Penn Storm Report

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
10066512-2	Westmoreland	1	715	09/01/2021 1520	09/02/2021 0315
10070572-1	Fulton	2	709	09/02/2021 0738	09/02/2021 1927
10069608-1	Fulton	4	677	09/02/2021 0713	09/02/2021 1830
10065399-2	Fayette	1	654	09/01/2021 1231	09/01/2021 2325
10064559-1	Greene	1	600	09/01/2021 0805	09/01/2021 1805
10065036-3	Greene	21	595	09/01/2021 1025	09/01/2021 2020
10069627-2	Fulton	2	567	09/02/2021 0743	09/02/2021 1710
10064548-1	Indiana	2	563	09/01/2021 0529	09/01/2021 1452
10067702-1	Westmoreland	1	543	09/01/2021 2017	09/02/2021 0520
10067842-1	Westmoreland	3	543	09/01/2021 2017	09/02/2021 0520
10069525-1	Fulton	98	534	09/02/2021 0321	09/02/2021 1215
10067355-1	Franklin	132	533	09/01/2021 1845	09/02/2021 0338
10064459-2	Armstrong	17	515	09/01/2021 0722	09/01/2021 1557
10064823-2	Allegheny	8	504	09/01/2021 0906	09/01/2021 1730
10064306-2	Allegheny	472	491	09/01/2021 0619	09/01/2021 1430
10064249-1	Washington	1	482	09/01/2021 0508	09/01/2021 1310
10065187-1	Fayette	1	479	09/01/2021 1111	09/01/2021 1910
10072507-1	Westmoreland	3	475	09/03/2021 0450	09/03/2021 1245
10064575-1	Allegheny	1	474	09/01/2021 0815	09/01/2021 1609
10064546-2	Westmoreland	8	473	09/01/2021 0801	09/01/2021 1554
10064201-2	Westmoreland	20	464	09/01/2021 0154	09/01/2021 0938
10064453-1	Fulton	4	456	09/01/2021 0719	09/01/2021 1455
10070732-1	Butler	43	455	09/02/2021 1202	09/02/2021 1937
10066739-1	Fayette	39	448	09/01/2021 1202	09/01/2021 1930
10065601-1	Fayette	4	426	09/01/2021 1212	09/01/2021 1918
10064519-1	Allegheny	4	417	09/01/2021 0643	09/01/2021 1340
10067124-3	Centre	19	416	09/01/2021 1749	09/02/2021 0045
10064692-1	Washington	10	413	09/01/2021 0842	09/01/2021 1535
10065509-2	Washington	5	393	09/01/2021 1257	09/01/2021 1930
10065338-1	Fayette	338	392	09/01/2021 1202	09/01/2021 1834
10064822-1	Westmoreland	13	388	09/01/2021 0909	09/01/2021 1537
10072587-2	Allegheny	87	367	09/03/2021 0853	09/03/2021 1500
10064482-1	Westmoreland	10	367	09/01/2021 0729	09/01/2021 1336
10064661-1	Washington	40	366	09/01/2021 0835	09/01/2021 1441
10064291-2	Allegheny	66	361	09/01/2021 0612	09/01/2021 1213
10064398-1	Armstrong	6	360	09/01/2021 0641	09/01/2021 1241

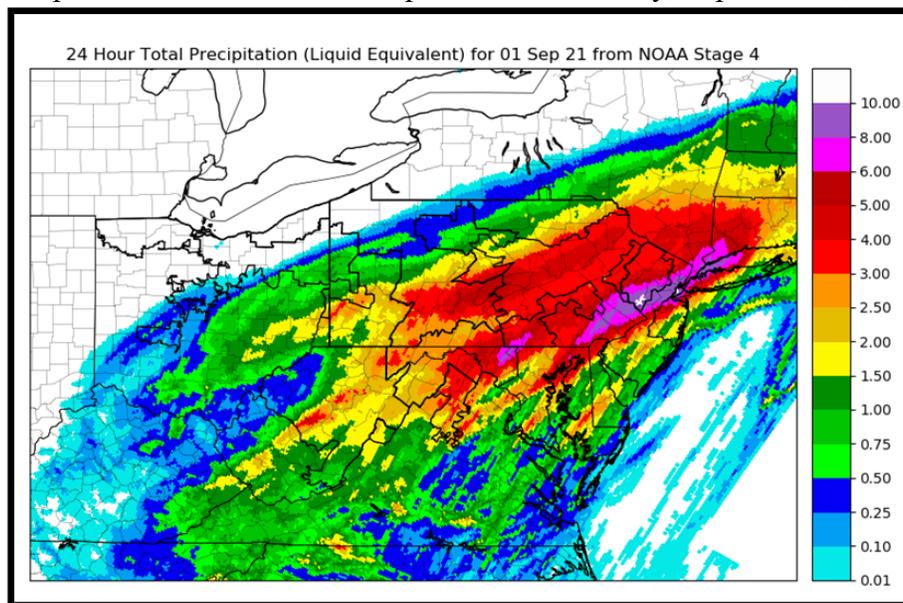
Attachment B: FirstEnergy Wind and Precipitation Report

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

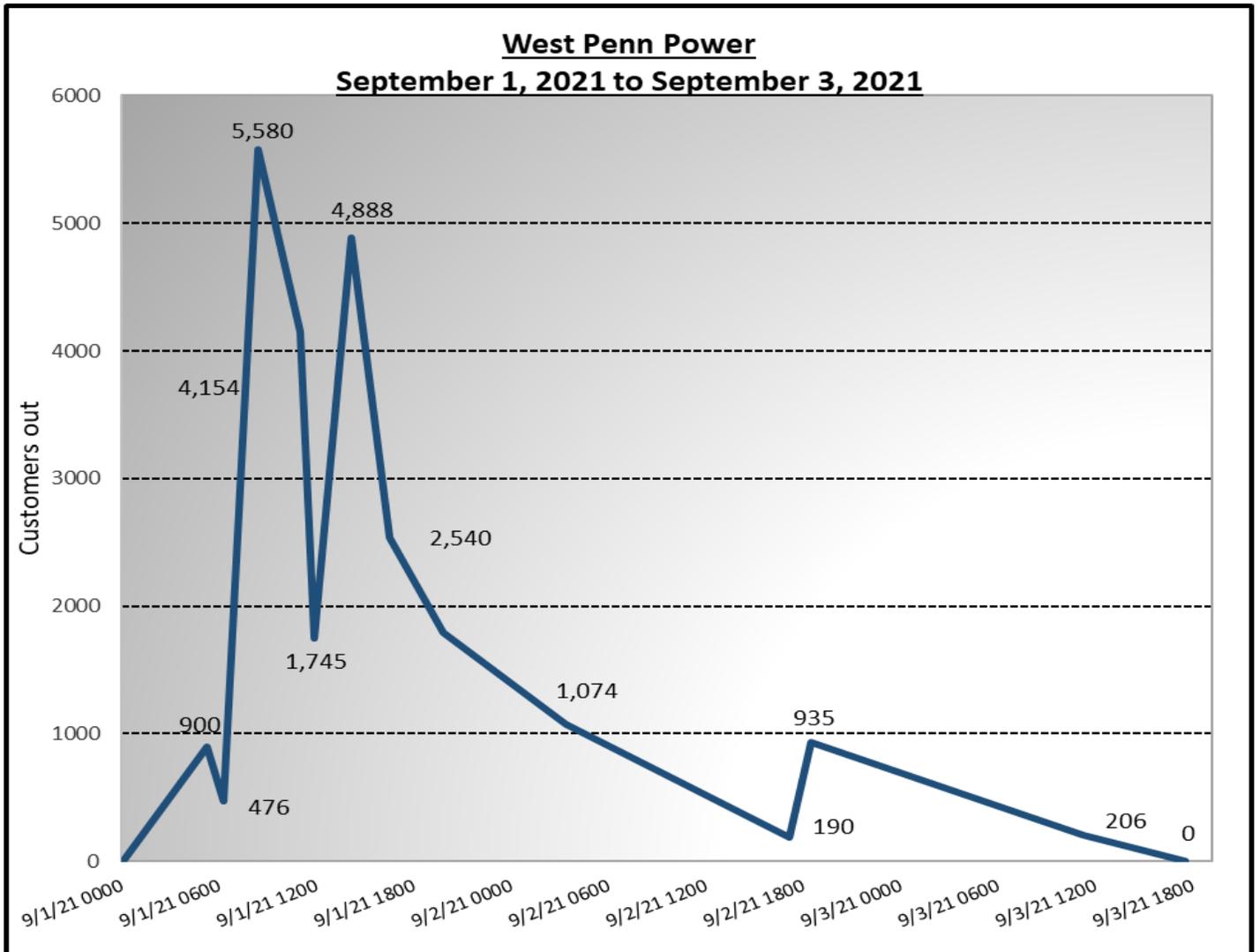
Graphic 1: Maximum Wind Gusts: Wednesday, September 1, 2021



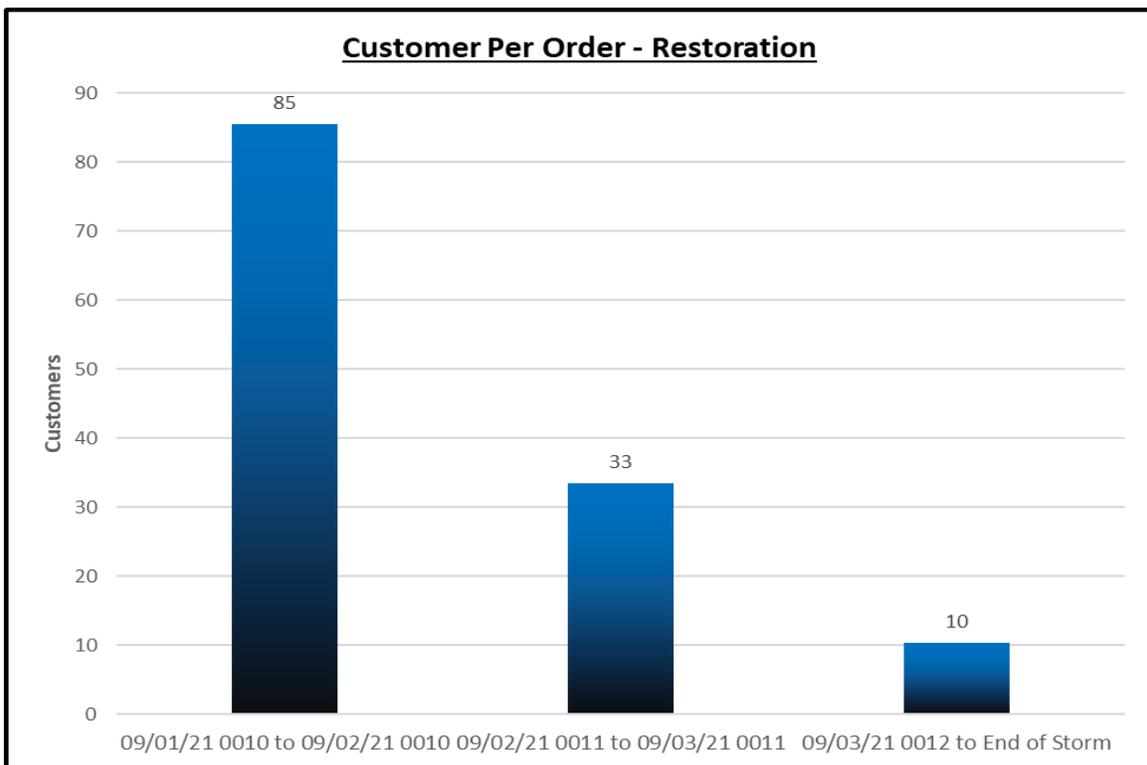
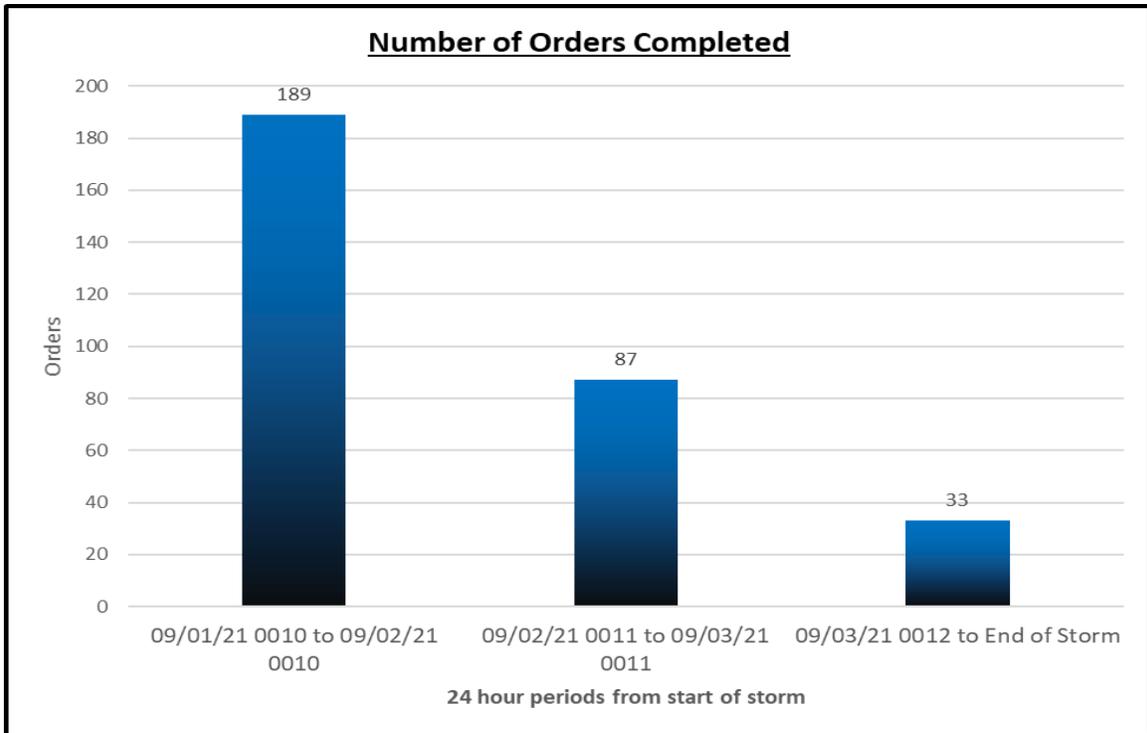
Graphic 2: 24-Hour Total Precipitation: Wednesday, September 1, 2021



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



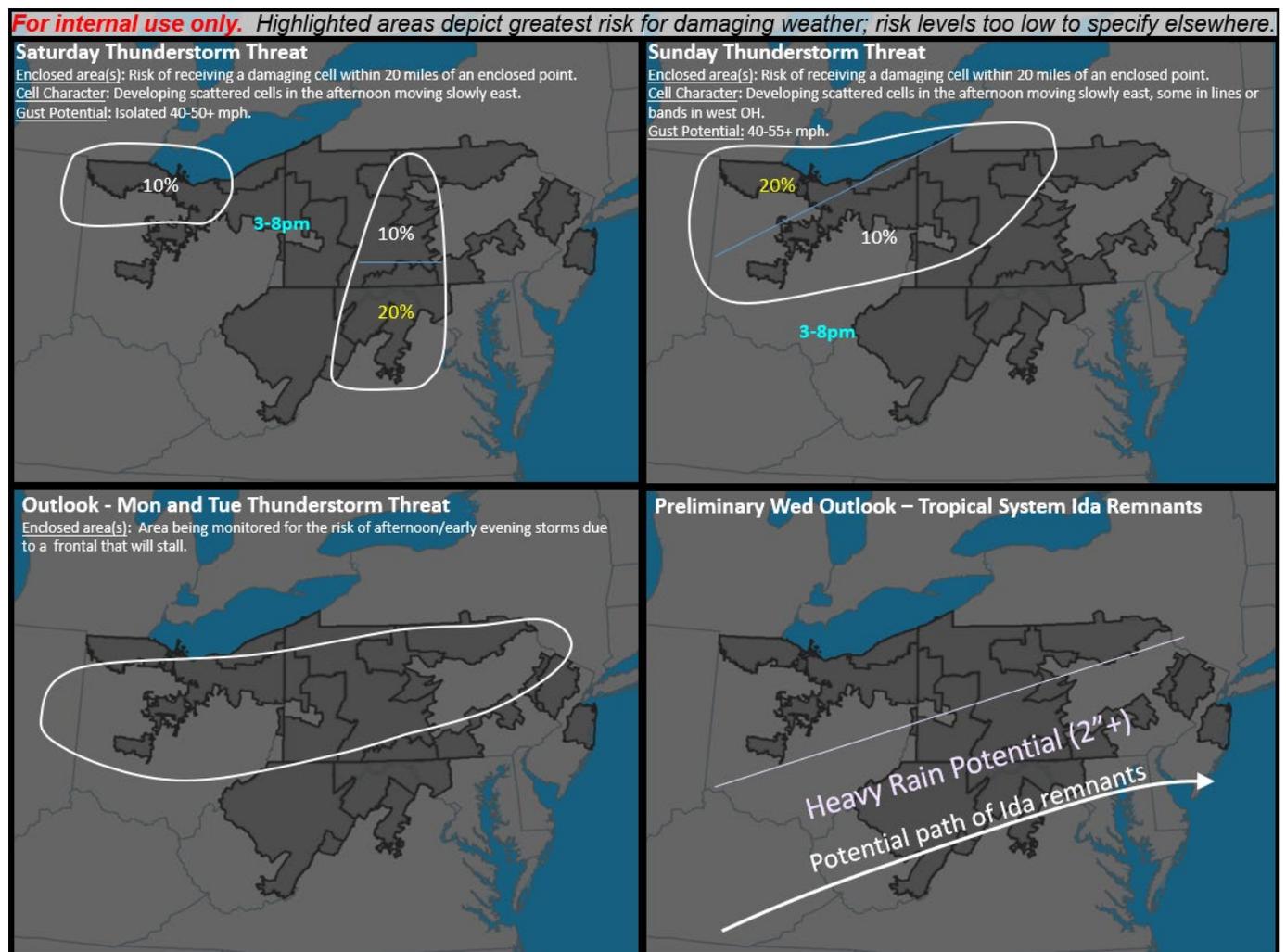
Attachment E: FirstEnergy Meteorologist Reports

Saturday August 28, 2021 @ 0831

Update:

1. Today: Extended north the low risk in PA. Increased risk in MD/WV/VA. Added small risk in OH. Confidence is slightly below normal for this graphic.
2. Sunday: Shifted threat west. Confidence is below normal for this graphic.
3. Monday/Tuesday: Added outlook due to a stalling front. Confidence is normal for this graphic.
4. Introduced first look at potential impacts from Ida remnants. Confidence is below normal for this graphic as changes to the path will likewise shift the heavy rain threat area.

See graphic below for further information.

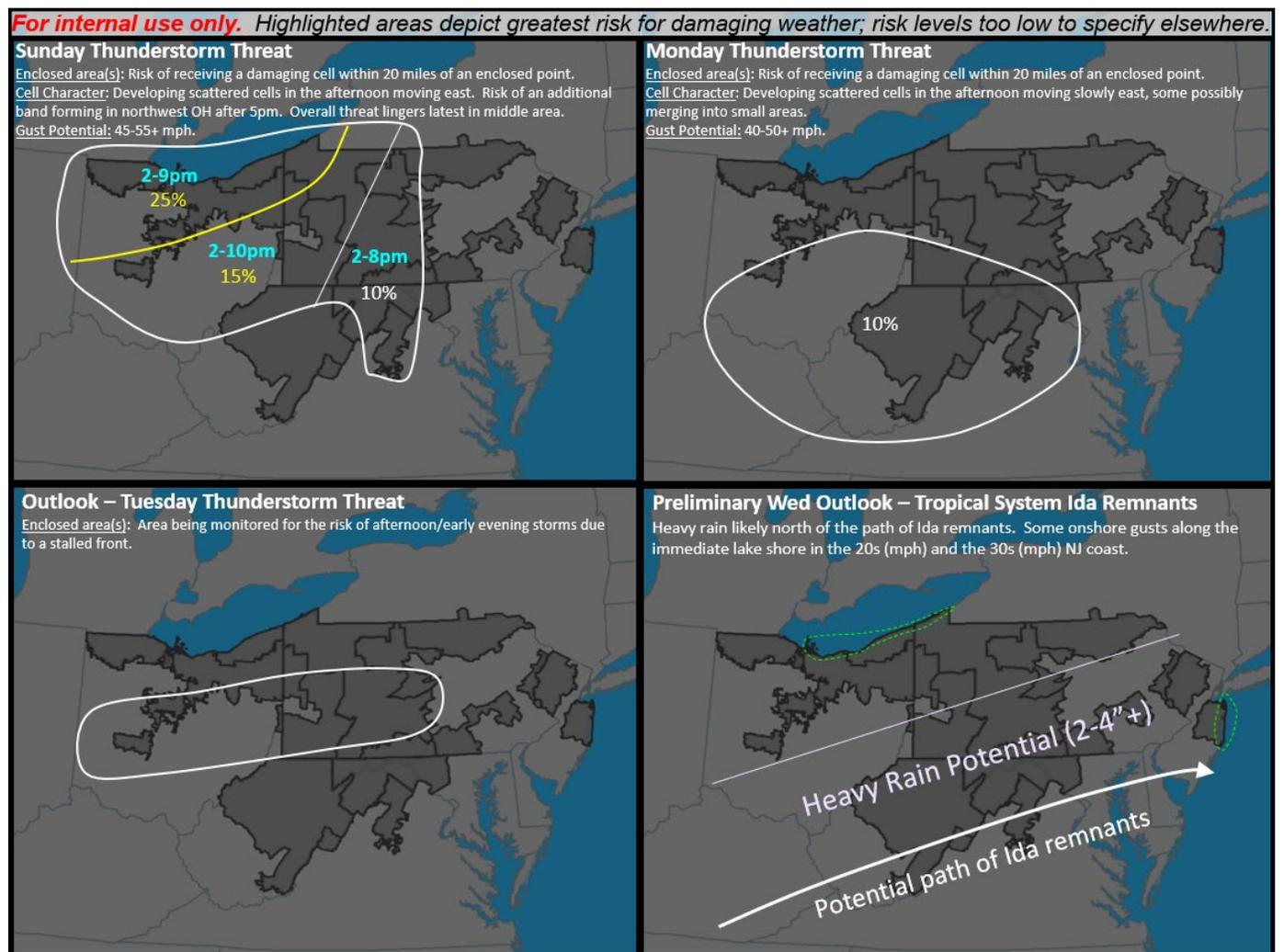


Sunday, August 29, 2021 @ 0913

Changes.

1. Today: Increased risk in northwest Ohio and extended low risk area south and east. Confidence is slightly below normal for this graphic.
2. Monday: Shifted threat area south. Confidence is below normal for this graphic.
3. Tuesday: Shifted potential risk area slightly south. Confidence is normal for this graphic.
4. Wednesday: Added some detail regarding rainfall amounts and gusts. Confidence is normal for this graphic.

See graphic below for further information.



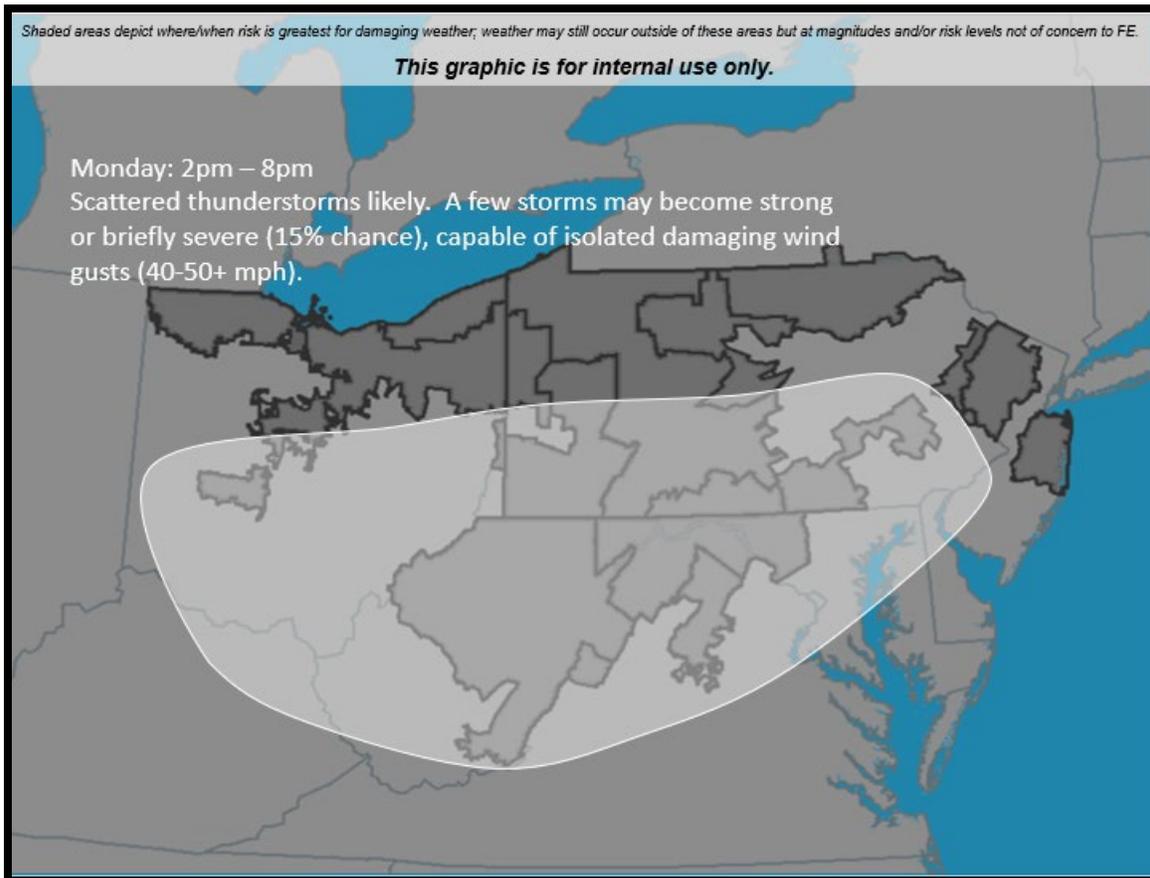
Monday, August 30, 2021 @ 0901

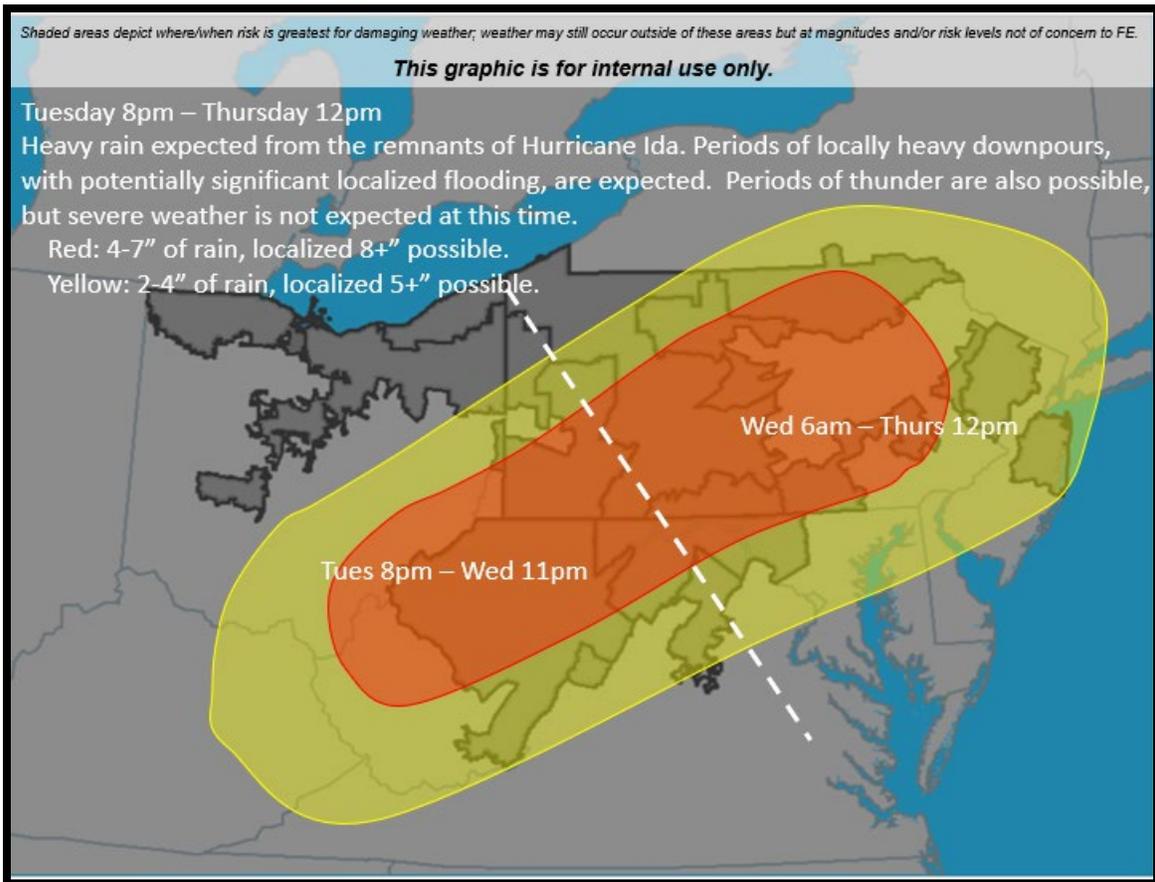
Update:

Small changes to Monday’s forecast. Scattered thunderstorms are likely this afternoon across southern FE, but the damage threat continues to look fairly isolated.

The remnants of Hurricane Ida will move through FE beginning late Tuesday and lasting into early Thursday. Locally heavy rainfall is expected across the central portion of FE, and flooding will be a legitimate risk—especially across locations in central and southern PA. Updated forecast graphic is included below.

See graphics below for further information.





Tuesday, August 31, 2021 @ 0912

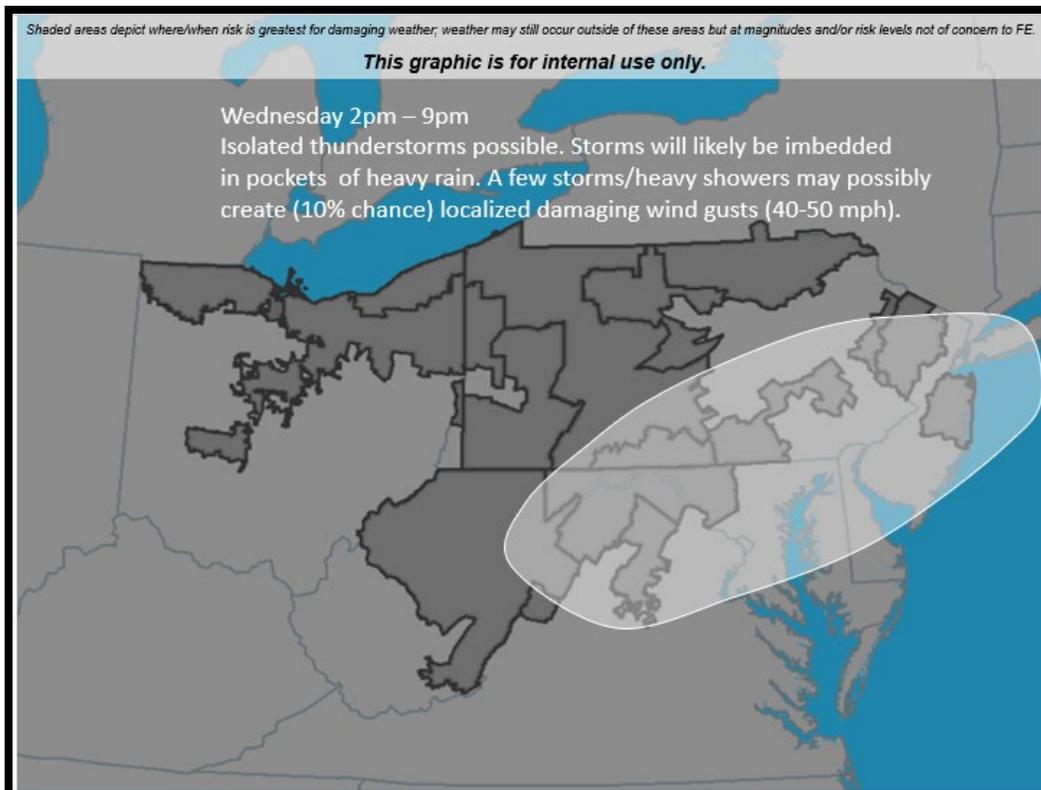
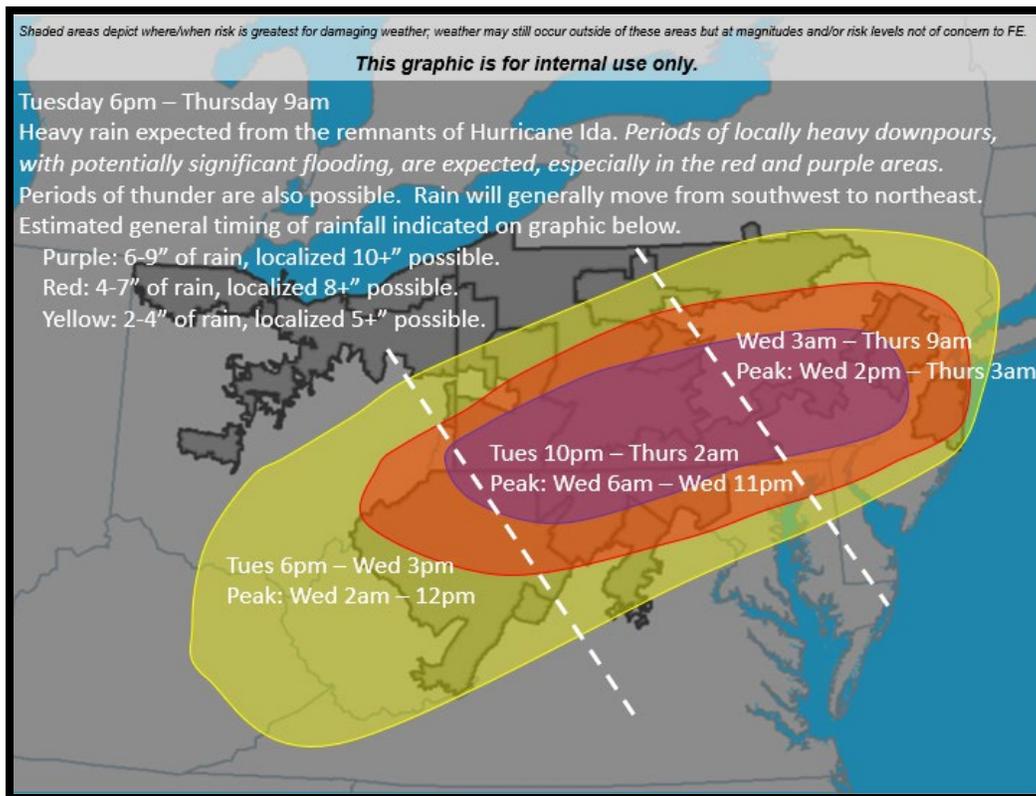
Update:

Updated forecast for the rainfall amounts for late Tuesday through Thursday morning due to the remnants of Hurricane Ida. Widespread heavy rainfall is expected from this system across portions of southern and eastern FE, with flooding likely in many areas.

Key Points:

- Locally heavy rainfall is expected across a broad swath extending from WV northeast into central/eastern PA, MD and NJ.
- A general 2-4" of rain is expected, but a swath of heavy rain, perhaps exceeding 10" in some locations, is possible.
- While rain will be generally constant, locally heavy downpours will come in waves. Rainfall rates may approach or exceed 1 inch per hour in the heaviest rain bands.
- Flooding, in some locations significant, is expected. This is most likely across locations of northern WV, MD, southern/eastern PA and western NJ.
- While some details regarding rainfall amounts, location of heaviest amounts, and timing may change over the next 24 hours, the fact that locally heavy rain and flooding will occur will not.
- Some isolated thunder/strong gusts are possible across eastern FE Wednesday afternoon/evening; this threat is expected to remain isolated.
- General wind gusts of 15-25 mph are expected during and after the event.

See graphics below for further information.



Tuesday, August 31, 2021 @ 1643

Update:

Increased risk of strong thunderstorms Wednesday evening across far eastern FE. The main threat is expected to be isolated/scattered thunderstorms that will be capable of both scattered damaging wind gusts and occasional tornados. Storms may be imbedded in areas of heavy rain, especially later Wednesday evening.

Small adjustments to the areas of heaviest rain, otherwise no changes to main rain forecast.

Outside of the change with severe weather potential, the key points for this event remain intact.

Key Points:

--Locally heavy rainfall is expected across a broad swath extending from WV northeast into central/eastern PA, MD and NJ.

--A general 2-4" of rain is expected, but a swath of heavy rain, perhaps exceeding 10" in some locations, is possible.

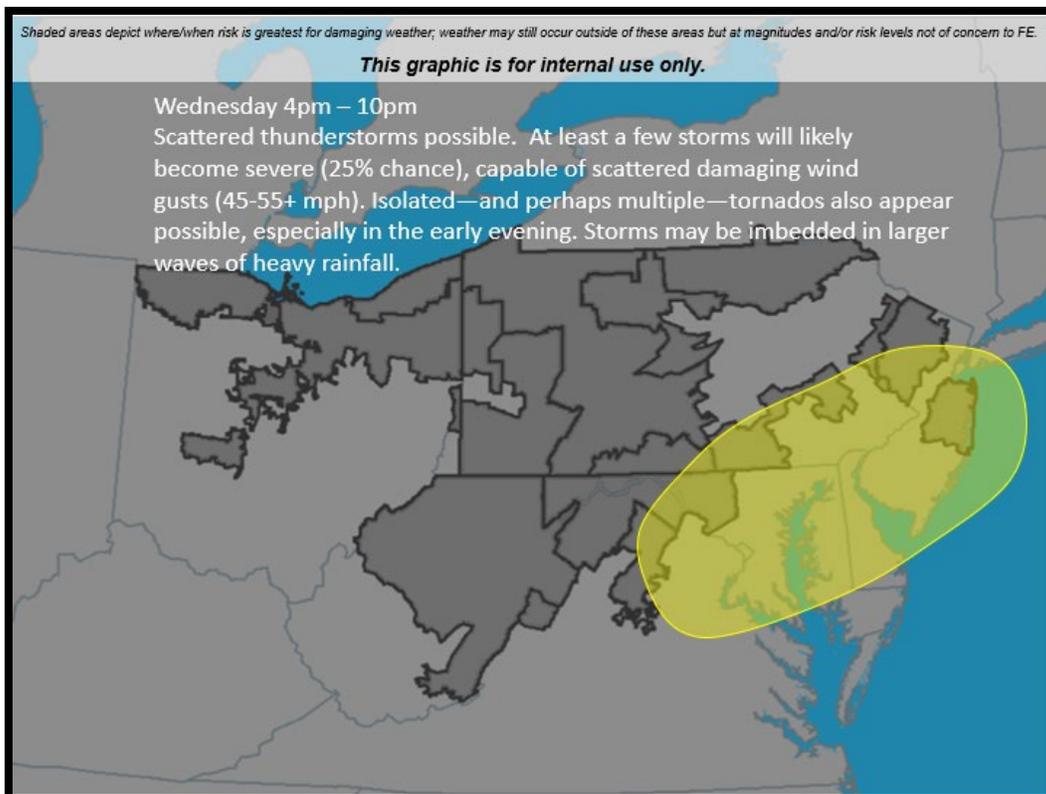
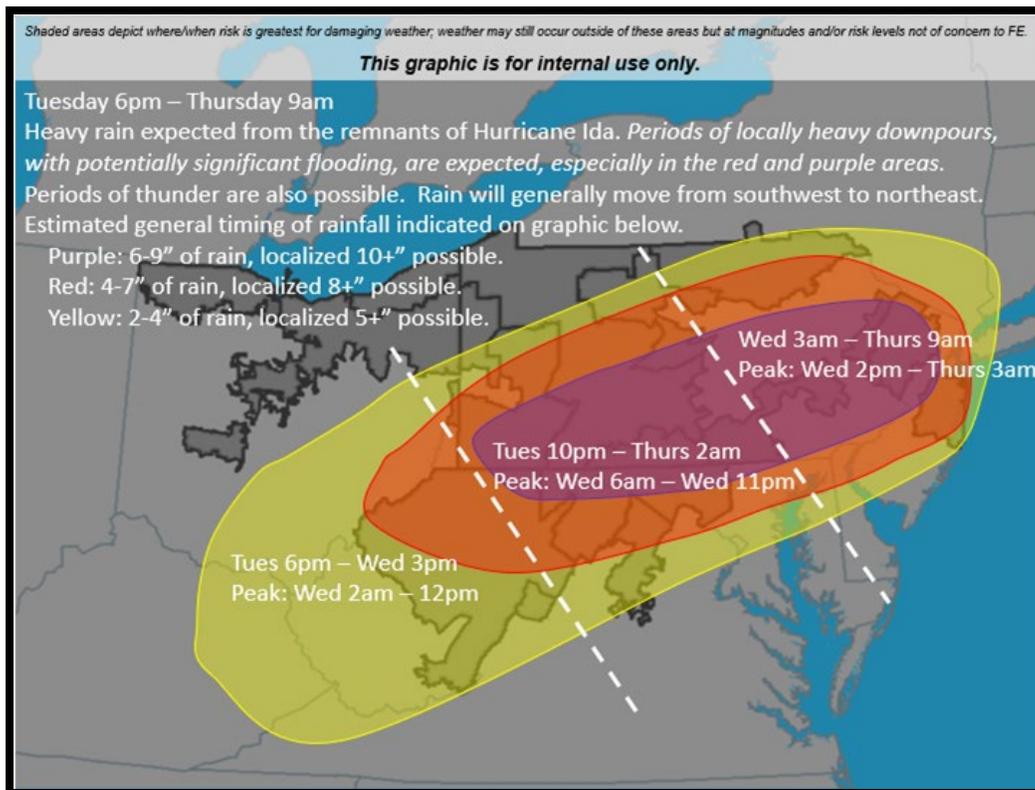
--While rain will be generally constant, locally heavy downpours will come in waves. Rainfall rates may approach or exceed 1 inch per hour in the heaviest rain bands.

--Flooding, in some locations significant, is expected. This is most likely across locations of northern WV, MD, southern/eastern PA and western NJ.

--While some details regarding rainfall amounts, location of heaviest amounts, and timing may change over the next 24 hours, the fact that locally heavy rain and flooding will occur will not.

--General wind gusts of 15-25 mph are expected during and after the event.

See graphics below for further information.



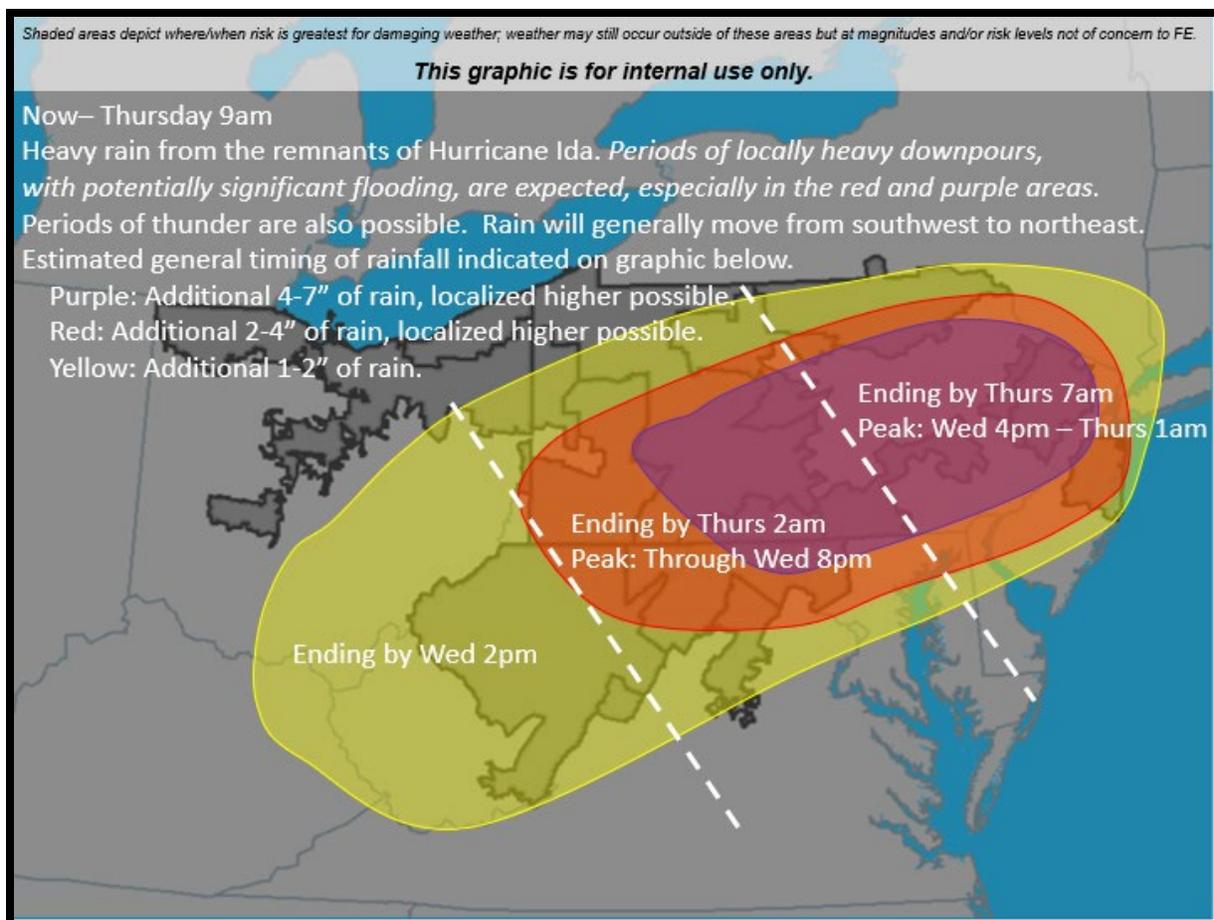
Wednesday, September 1, 2021 @ 0822

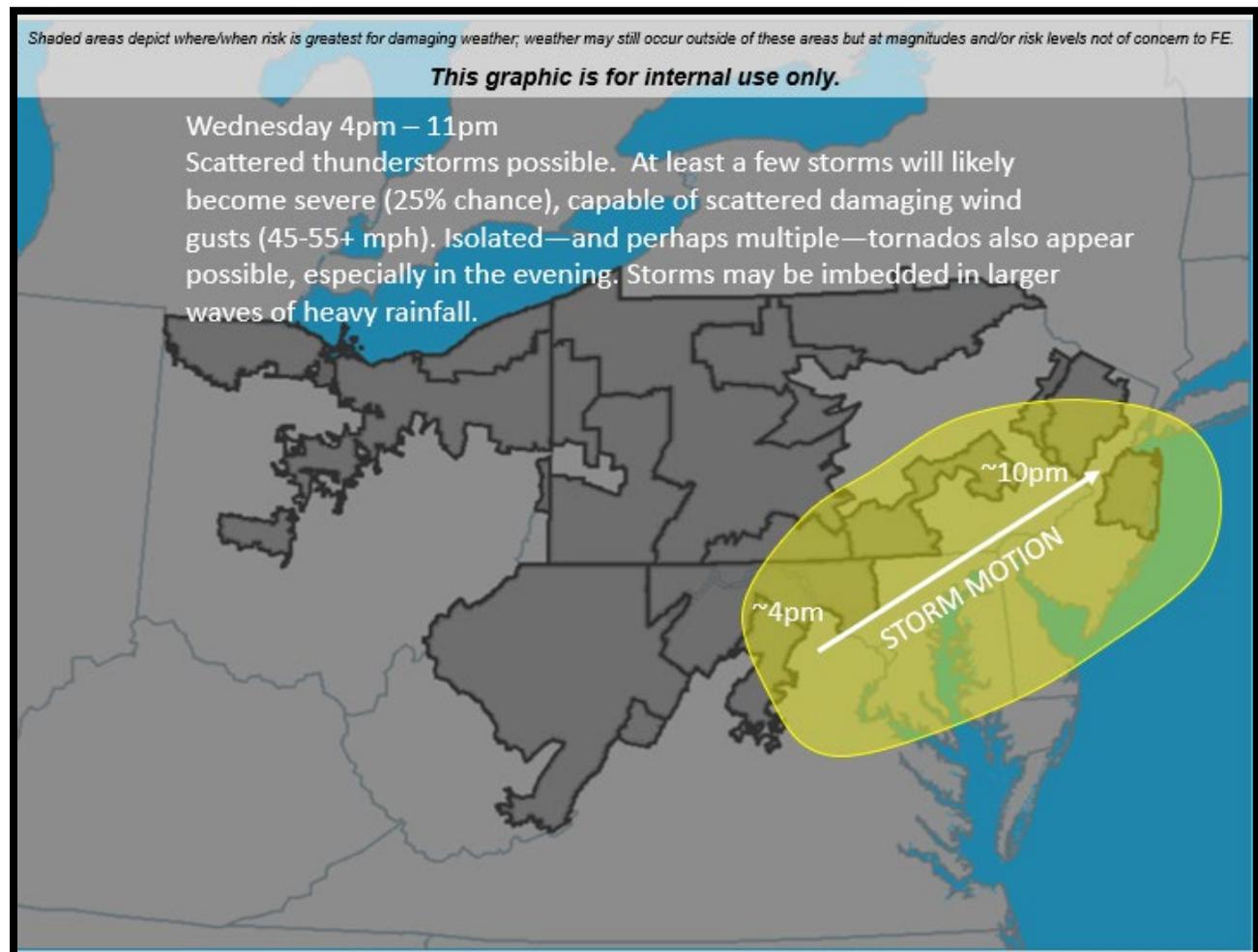
Update:

Minor adjustments to severe weather threat this evening across eastern FE—mainly to move the ending time back. Strong storms may persist until 11pm or so this evening across portions of far eastern PA and NJ. While strong wind gusts will be possible with any developing storm, conditions are also very favorable for tornado development across this area—including after sunset.

Updated rainfall map, to account for additional rain accumulations (e.g. rainfall from this point forward). There are no changes to main structure and message of the rainfall forecast—heavy rains are still anticipated across eastern FE today and tonight, with potentially widespread, dangerous flooding as a result.

See graphics below for further information.





Wednesday, September 1, 2021 @ 1248

Update:

Slight increase and adjustments to the severe thunderstorms risk this afternoon and evening across eastern FE—mainly to bump up potential wind gusts, and also to shift timing a bit earlier given current trends. The general forecast idea is unchanged, however. Also updated rainfall forecast graphic, although there are no changes to the general messaging of the rain forecast. Otherwise, key points from this morning’s alert are still valid.

Previous alert:

Minor adjustments to severe weather threat this evening across eastern FE—mainly to move the ending time back. Strong storms may persist until 11pm or so this evening across portions of far eastern PA and NJ. While strong wind gusts will be possible with any developing storm, conditions are also very favorable for tornado development across this area—including after sunset.

Updated rainfall map, to account for additional rain accumulations (e.g. rainfall from this point forward). There are no changes to main structure and message of the rainfall forecast—heavy rains are still anticipated across eastern FE today and tonight, with potentially widespread, dangerous flooding as a result.

See graphics below for further information.

