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July 29, 2021

VIA E-FILING

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

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

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Pennsylvania Electric Company (“Penelec”) submits written notification of completed restoration efforts following storm conditions that began on July 12, 2021 that caused multiple service interruptions in the Penelec service territory.

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

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

Sincerely,



Tori L. Giesler

Enclosures

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

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

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

2. Name and title of person making report:

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

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

4. Date and time report was made to Commission:

July 11, 2021 2240
(Date) *(Time)*

5. Interruption or Outage:

- (a) Number of customers affected: 42,137 (Represents 7.3% of Penelec's total customers).
- (b) Approximate number of outage cases and trouble cases for each county affected during event: See response to 5(c).

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

County	Outages	Outage Cases	Trouble Cases
Bedford	26	7	3
Blair	1,115	17	29
Bradford	2,588	56	39
Cambria	518	18	23
Centre	7	3	3
Clarion	344	11	8
Clearfield	1,844	44	44
Crawford	4,096	92	80
Erie	8,822	68	88
Forest	712	7	5
Huntingdon	126	10	9
Indiana	6,195	34	27
Jefferson	6,187	22	7
Lycoming	13	4	0
McKean	512	25	17
Mifflin	405	12	5
Potter	900	5	2
Somerset	175	20	11
Sullivan	1,542	8	4
Susquehanna	94	6	15
Tioga	1,229	28	21
Venango	799	20	31
Warren	1,789	17	10
Wayne	8	5	4
Westmoreland	1,651	11	6
Wyoming	440	11	8
TOTAL	42,137	561	499

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 178

(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 Monday afternoon, July 12, 2021, a storm front began to move through Pennsylvania, including the Penelec service territory. This front brought scattered storm systems which produced periods of heavy rain, wind, and lightning with maximum wind gusts up to 48-miles per hour in some areas. Storm activity continued to affect the area throughout the restoration activities during the event. See Attachment B for the maximum wind gusts for July 13, 14, and 15, 2021 and 24-

hour total precipitation for July 12 and 13.

The Penelec 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 DuBois, Erie, and Oil City areas. Approximately 44.9% of the total outages that occurred in the Penelec 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. Furthermore, the continuation of multiple back-to-back storms challenged restoration efforts.

Preliminary data indicates the reliability impact of the storm was 12.9 minutes of SAIDI, 0.07 of SAIFI, and an overall storm CAIDI of 177.7 minutes.

- (g) Projected time of restoration: The estimated times of restoration for the majority of customers was 2000 on July 14, 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
Penelec	190	Line Workers
Subtotal	190	
Henkels & McCoy	4	Line Contractor
Subtotal	4	
PennLine	29	Forestry Contractor
TreeSmiths	46	Forestry Contractor
Townsend	14	Forestry Contractor
Hazlett	19	Forestry Contractor
Asplundh	25	Forestry Contractor
Davey	36	Forestry Contractor
Lewis	9	Forestry Contractor
Subtotal	178	
Penelec	24	Hazard Responders/Damage Assessors
Subtotal	24	

Penelec	71	Supporting Roles
Contractor (Various)	6	Supporting Roles
Subtotal	77	
Grand Total	473	

- (i) The date and time of the first information of a service interruption: July 12, 2021 at 1940.
- (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 15, 2021 at 2059. Additionally, Penelec was able to restore approximately 88.8% 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	151
Secondary Spans Down	88
Crossarms Replaced	74
Cutouts Replaced	49
Poles Replaced	29
Transformers Replaced	26
Wire & Cable Replaced (feet)	4,633

- (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 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
11667764-1	Crawford	2	3,148	07/13/2021 1602	07/15/2021 2030
11671244-1	Crawford	18	3,093	07/13/2021 1602	07/15/2021 1935
11668686-3	Crawford	11	2,935	07/13/2021 1613	07/15/2021 1708
11668783-2	Crawford	1	2,764	07/13/2021 1856	07/15/2021 1700
11668732-1	Crawford	1	2,660	07/13/2021 1845	07/15/2021 1505
11670501-4	Crawford	3	2,638	07/13/2021 2022	07/15/2021 1620
11668666-1	Indiana	1	2,634	07/13/2021 1802	07/15/2021 1356
11667764-1	Crawford	7	2,618	07/13/2021 1602	07/15/2021 1140
11668748-1	Crawford	1	2,610	07/13/2021 1850	07/15/2021 1420
11667789-1	Crawford	24	2,579	07/13/2021 1606	07/15/2021 1105
11669288-2	Crawford	1	2,415	07/13/2021 2130	07/15/2021 1345
11670501-4	Crawford	1	2,393	07/13/2021 2022	07/15/2021 1215
11666477-2	Tioga	6	2,119	07/13/2021 0216	07/14/2021 1335
11666407-1	Tioga	6	2,111	07/13/2021 0149	07/14/2021 1300
11666407-1	Tioga	1	2,108	07/13/2021 0149	07/14/2021 1257
11666477-2	Tioga	26	2,070	07/13/2021 0216	07/14/2021 1246
11666477-2	Tioga	1	2,069	07/13/2021 0220	07/14/2021 1249
11667865-1	Crawford	1	1,795	07/13/2021 1623	07/14/2021 2218
11667870-1	Crawford	58	1,755	07/13/2021 1624	07/14/2021 2139
11670451-7	Tioga	1	1,741	07/14/2021 0601	07/15/2021 1102
11670451-7	Tioga	1	1,738	07/14/2021 0601	07/15/2021 1059
11668009-3	Crawford	16	1,720	07/13/2021 1636	07/14/2021 2116
11668500-3	Erie	1	1,686	07/13/2021 1753	07/14/2021 2159
11668447-1	Crawford	8	1,656	07/13/2021 1555	07/14/2021 1931
11667831-1	Crawford	2	1,609	07/13/2021 1616	07/14/2021 1905
11667856-1	Venango	4	1,608	07/13/2021 1620	07/14/2021 1908
11667743-4	Crawford	21	1,576	07/13/2021 1553	07/14/2021 1809
11670481-1	Erie	40	1,563	07/13/2021 1635	07/14/2021 1838
11667034-1	Bradford	17	1,560	07/13/2021 0911	07/14/2021 1111

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
11670634-2	Crawford	3	1,560	07/14/2021 0900	07/15/2021 1100
11667751-2	Crawford	6	1,553	07/13/2021 1557	07/14/2021 1750
11671080-2	Crawford	1	1,551	07/14/2021 1306	07/15/2021 1457
11667924-4	Erie	5	1,537	07/13/2021 1627	07/14/2021 1804
11668890-3	Huntingdon	10	1,519	07/13/2021 1915	07/14/2021 2034
11669151-1	Venango	4	1,511	07/13/2021 1745	07/14/2021 1856
11667751-2	Crawford	17	1,463	07/13/2021 1557	07/14/2021 1620
11670986-1	Crawford	6	1,442	07/13/2021 1953	07/14/2021 1955
11668406-2	Clearfield	29	1,437	07/13/2021 1713	07/14/2021 1710
11670368-1	Clearfield	12	1,434	07/13/2021 1716	07/14/2021 1710
11669251-1	Bradford	1	1,420	07/13/2021 2215	07/14/2021 2155
11670481-1	Erie	16	1,403	07/13/2021 1635	07/14/2021 1558
11668090-3	Somerset	1	1,387	07/13/2021 1710	07/14/2021 1617
11669276-1	Erie	8	1,381	07/13/2021 1934	07/14/2021 1835
11668868-1	Clearfield	2	1,377	07/13/2021 1907	07/14/2021 1804
11669031-3	Huntingdon	18	1,376	07/13/2021 2022	07/14/2021 1918
11667767-2	Crawford	24	1,374	07/13/2021 1556	07/14/2021 1450
11667743-4	Crawford	37	1,359	07/13/2021 1930	07/14/2021 1809
11668628-1	Indiana	3	1,346	07/13/2021 1819	07/14/2021 1645
11668631-1	Clearfield	1	1,343	07/13/2021 1822	07/14/2021 1645
11668683-1	Jefferson	8	1,329	07/13/2021 1831	07/14/2021 1640
11668890-2	Huntingdon	10	1,318	07/13/2021 1915	07/14/2021 1713
11667870-2	Crawford	125	1,315	07/13/2021 1624	07/14/2021 1419
11671200-4	Lycoming	2	1,314	07/14/2021 1443	07/15/2021 1237
11669295-4	Venango	12	1,285	07/13/2021 1639	07/14/2021 1404
11668596-1	Clearfield	4	1,277	07/13/2021 1813	07/14/2021 1530
11668724-1	Westmoreland	2	1,266	07/13/2021 1804	07/14/2021 1510
11668689-2	McKean	4	1,245	07/13/2021 1832	07/14/2021 1517
11668067-2	Erie	5	1,241	07/13/2021 1702	07/14/2021 1343
11668996-2	Potter	9	1,232	07/13/2021 1952	07/14/2021 1624
11668686-1	Crawford	40	1,211	07/13/2021 1613	07/14/2021 1224
11669290-1	Venango	1	1,209	07/13/2021 2255	07/14/2021 1904
11668651-2	McKean	28	1,204	07/13/2021 1825	07/14/2021 1429
11668615-2	Erie	4	1,184	07/13/2021 1816	07/14/2021 1400

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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
11671801-2	Venango	4	1,180	07/14/2021 1933	07/15/2021 1513
11668372-1	Crawford	68	1,157	07/13/2021 1619	07/14/2021 1136
11669228-1	Indiana	108	1,146	07/13/2021 1807	07/14/2021 1313
11669202-1	Venango	1	1,137	07/13/2021 2147	07/14/2021 1644
11668725-1	Clearfield	9	1,136	07/13/2021 1818	07/14/2021 1314
11665598-2	Wayne	1	1,132	07/12/2021 2138	07/13/2021 1630
11668384-2	Venango	18	1,129	07/13/2021 1715	07/14/2021 1204
11670366-3	Clearfield	1	1,128	07/13/2021 2117	07/14/2021 1605
11670366-3	Clearfield	6	1,123	07/13/2021 2117	07/14/2021 1600
11668735-3	Clearfield	43	1,112	07/13/2021 1808	07/14/2021 1240
11670472-3	Crawford	31	1,111	07/14/2021 0104	07/14/2021 1935
11668688-2	McKean	25	1,110	07/13/2021 1830	07/14/2021 1300
11671648-2	Susquehanna	3	1,095	07/14/2021 1718	07/15/2021 1133
11668972-2	Forest	159	1,091	07/13/2021 1725	07/14/2021 1136
11665595-2	Wayne	1	1,087	07/12/2021 2128	07/13/2021 1535
11668604-2	McKean	45	1,063	07/13/2021 1811	07/14/2021 1154
11668451-2	Somerset	4	1,048	07/13/2021 1738	07/14/2021 1106
11669319-1	Crawford	30	1,027	07/13/2021 2053	07/14/2021 1400
11668623-2	Clearfield	27	1,024	07/13/2021 1818	07/14/2021 1122
11668688-2	McKean	3	1,017	07/13/2021 2003	07/14/2021 1300
11669147-1	McKean	37	979	07/13/2021 1830	07/14/2021 1049
11670754-1	Crawford	2	978	07/14/2021 1007	07/15/2021 0225
11668439-2	Erie	2	974	07/13/2021 1736	07/14/2021 0950
11668666-1	Indiana	49	964	07/13/2021 1802	07/14/2021 1006
11668666-1	Indiana	50	961	07/13/2021 1802	07/14/2021 1003
11670418-1	Crawford	46	952	07/13/2021 2254	07/14/2021 1446
11670418-1	Crawford	1	945	07/13/2021 2254	07/14/2021 1439
11670418-1	Crawford	2	942	07/13/2021 2254	07/14/2021 1436
11668636-1	McKean	9	937	07/13/2021 1823	07/14/2021 1000
11671779-2	Crawford	6	937	07/14/2021 1921	07/15/2021 1058
11671314-1	Blair	1	930	07/14/2021 0830	07/15/2021 0000
11665520-2	Tioga	14	918	07/12/2021 1940	07/13/2021 1058
11665489-1	Wayne	4	912	07/12/2021 2016	07/13/2021 1128
11668991-2	Warren	28	900	07/13/2021 2003	07/14/2021 1103

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Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
11671912-2	Crawford	3	886	07/14/2021 2144	07/15/2021 1230
11669117-1	Crawford	6	865	07/13/2021 1858	07/14/2021 0923
11665455-2	Susquehanna	68	857	07/12/2021 1940	07/13/2021 0957
11671103-3	Erie	1	856	07/14/2021 0912	07/14/2021 2328
11671103-3	Erie	1	856	07/14/2021 0912	07/14/2021 2328
11666340-2	Bradford	32	822	07/13/2021 0107	07/13/2021 1449
11668877-1	Clarion	16	815	07/13/2021 1807	07/14/2021 0742
11669298-2	Erie	1	785	07/13/2021 2303	07/14/2021 1208
11669291-2	Bradford	7	763	07/13/2021 2257	07/14/2021 1140
11670418-1	Crawford	8	757	07/13/2021 2254	07/14/2021 1131
11670625-2	Erie	1	756	07/14/2021 0840	07/14/2021 2116
11670348-1	Venango	4	752	07/13/2021 1608	07/14/2021 0440
11665455-2	Susquehanna	19	751	07/12/2021 2126	07/13/2021 0957
11669148-2		2	748	07/13/2021 2110	07/14/2021 0938
11671356-2	Venango	1	730	07/14/2021 1610	07/15/2021 0420
11669176-2	Mifflin	3	727	07/13/2021 2132	07/14/2021 0939
11667766-1	Crawford	93	689	07/13/2021 1557	07/14/2021 0326
11667885-1	Venango	6	661	07/13/2021 1629	07/14/2021 0330
11670334-1	Wyoming	71	659	07/14/2021 0059	07/14/2021 1158
11671260-2	Bradford	2	658	07/14/2021 0932	07/14/2021 2030
11667166-1	Bradford	106	626	07/13/2021 0512	07/13/2021 1538
11668724-1	Westmoreland	239	596	07/13/2021 1804	07/14/2021 0400
11667838-2	Cambria	16	593	07/13/2021 1615	07/14/2021 0208
11667838-2	Cambria	5	592	07/13/2021 1615	07/14/2021 0207
11670317-1	Westmoreland	1	591	07/14/2021 0754	07/14/2021 1745
11668683-1	Jefferson	14	582	07/14/2021 0658	07/14/2021 1640
11669201-2	Cambria	2	579	07/13/2021 1921	07/14/2021 0500
11666664-1	Wyoming	10	573	07/13/2021 0016	07/13/2021 0949
11670751-2	Erie	13	564	07/14/2021 1006	07/14/2021 1930
11665648-1	Bradford	20	563	07/12/2021 2212	07/13/2021 0735
11668451-1	Somerset	2	562	07/13/2021 1738	07/14/2021 0300
11668451-2	Somerset	2	562	07/13/2021 1738	07/14/2021 0300
11669087-1	Erie	2	553	07/13/2021 2047	07/14/2021 0600
11667807-1	Erie	159	552	07/13/2021 1608	07/14/2021 0120

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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
11667924-2	Venango	2	552	07/13/2021 1627	07/14/2021 0139
11668554-1	Clarion	1	547	07/13/2021 1808	07/14/2021 0315
11667969-1	Crawford	1	545	07/13/2021 1640	07/14/2021 0145
11667994-1	Erie	278	545	07/13/2021 1630	07/14/2021 0135
11670466-2	McKean	2	542	07/14/2021 0622	07/14/2021 1524
11667232-2	Erie	4	538	07/13/2021 1022	07/13/2021 1920
11668672-1	McKean	2	536	07/13/2021 1829	07/14/2021 0325
11671692-1	Mifflin	14	535	07/14/2021 1829	07/15/2021 0324
11667829-2	Erie	42	530	07/13/2021 1616	07/14/2021 0106
11670418-1	Crawford	52	518	07/13/2021 2254	07/14/2021 0732
11670418-1	Crawford	97	503	07/13/2021 2254	07/14/2021 0717
11669118-1	Mifflin	1	495	07/13/2021 2059	07/14/2021 0514
11669165-1	Bradford	1	489	07/13/2021 2124	07/14/2021 0533
11668523-1	Clearfield	14	484	07/13/2021 1759	07/14/2021 0203
11669118-1	Mifflin	5	481	07/13/2021 2059	07/14/2021 0500
11666518-1	Tioga	233	472	07/13/2021 0149	07/13/2021 0941
11668472-1	Clarion	4	471	07/13/2021 1712	07/14/2021 0103
11670366-3	Clearfield	4	467	07/14/2021 0813	07/14/2021 1600
11669159-1	Bradford	7	465	07/13/2021 2112	07/14/2021 0457
11667918-1	Erie	4	456	07/13/2021 1633	07/14/2021 0009
11669051-1	Crawford	63	448	07/13/2021 1622	07/13/2021 2350
11671407-2	Tioga	2	444	07/14/2021 1636	07/15/2021 0000
11666699-2	Indiana	16	439	07/13/2021 0533	07/13/2021 1252
11668823-1	Erie	2	425	07/13/2021 1900	07/14/2021 0205
11668604-1	McKean	15	424	07/13/2021 1811	07/14/2021 0115
11667767-1	Crawford	60	424	07/13/2021 1556	07/13/2021 2300
11665739-2	McKean	23	418	07/12/2021 2352	07/13/2021 0650
11666761-1	Clearfield	14	416	07/13/2021 0629	07/13/2021 1325
11669175-1	Crawford	2	415	07/13/2021 2132	07/14/2021 0427
11672865-2	Jefferson	1	411	07/15/2021 1039	07/15/2021 1730
11668428-1	Clearfield	9	403	07/13/2021 1732	07/14/2021 0015
11668474-2	Warren	678	400	07/13/2021 1738	07/14/2021 0018
11670577-1	Wyoming	1	395	07/14/2021 0812	07/14/2021 1447
11670468-1	Crawford	9	393	07/14/2021 0625	07/14/2021 1258

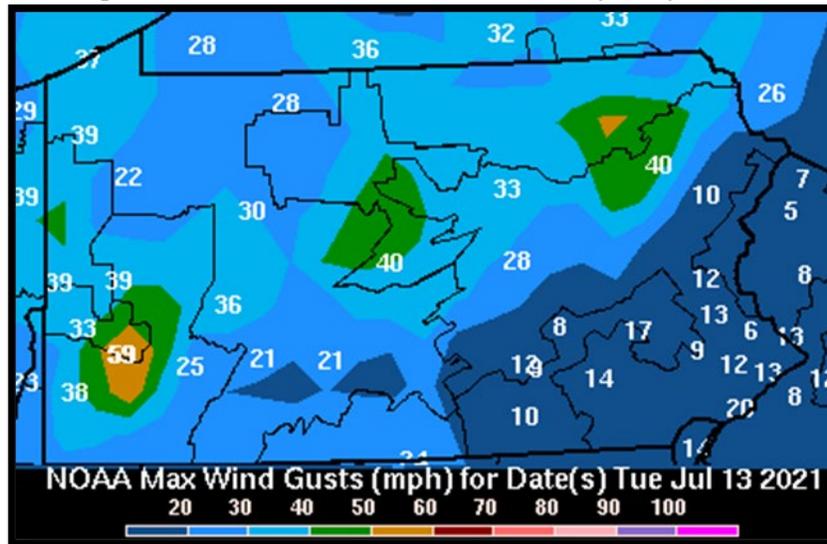
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Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
11668384-2	Venango	59	385	07/13/2021 1715	07/13/2021 2340
11667440-1	Tioga	1	384	07/13/2021 1221	07/13/2021 1845
11669223-1	Jefferson	156	381	07/13/2021 1720	07/13/2021 2341
11667109-1	Indiana	44	381	07/13/2021 0602	07/13/2021 1223
11668001-1	Erie	3	380	07/13/2021 1634	07/13/2021 2254
11668903-2	Blair	19	377	07/13/2021 1859	07/14/2021 0116
11670371-1	Tioga	23	376	07/14/2021 0249	07/14/2021 0905
11667210-2	Cambria	14	370	07/13/2021 1009	07/13/2021 1619
11665668-1	Warren	191	369	07/12/2021 2231	07/13/2021 0440
11668724-1	Westmoreland	1	368	07/13/2021 1804	07/14/2021 0012
11668724-1	Westmoreland	19	368	07/13/2021 1804	07/14/2021 0012
11668905-1	Clearfield	12	364	07/13/2021 1856	07/14/2021 0100
11670777-2	Bradford	2	363	07/14/2021 1017	07/14/2021 1620

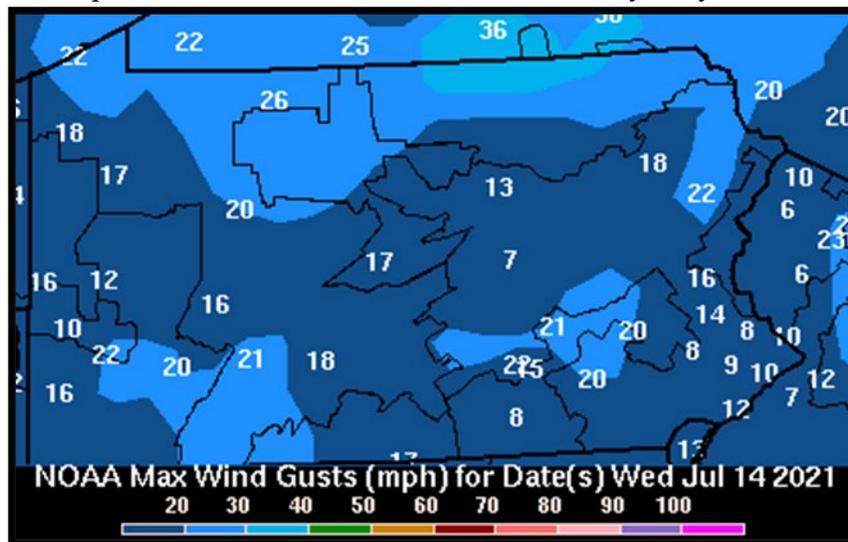
Attachment B: FirstEnergy Wind and Precipitation Report

Wind and Precipitation Reports: Graphics 1, 2, and 3 illustrate the maximum wind gusts in the Penelec service territory on July 13, 14, and 15, 2021. Graphics 4 and 5 illustrate the 24-Hour Total Precipitation on July 12 and 13, 2021. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

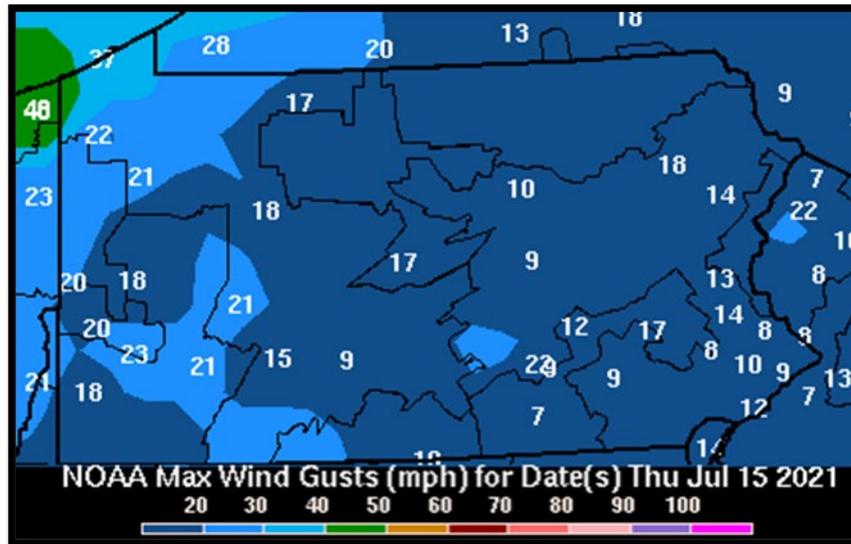
Graphic 1: Maximum Wind Gusts: Tuesday, July 13, 2021



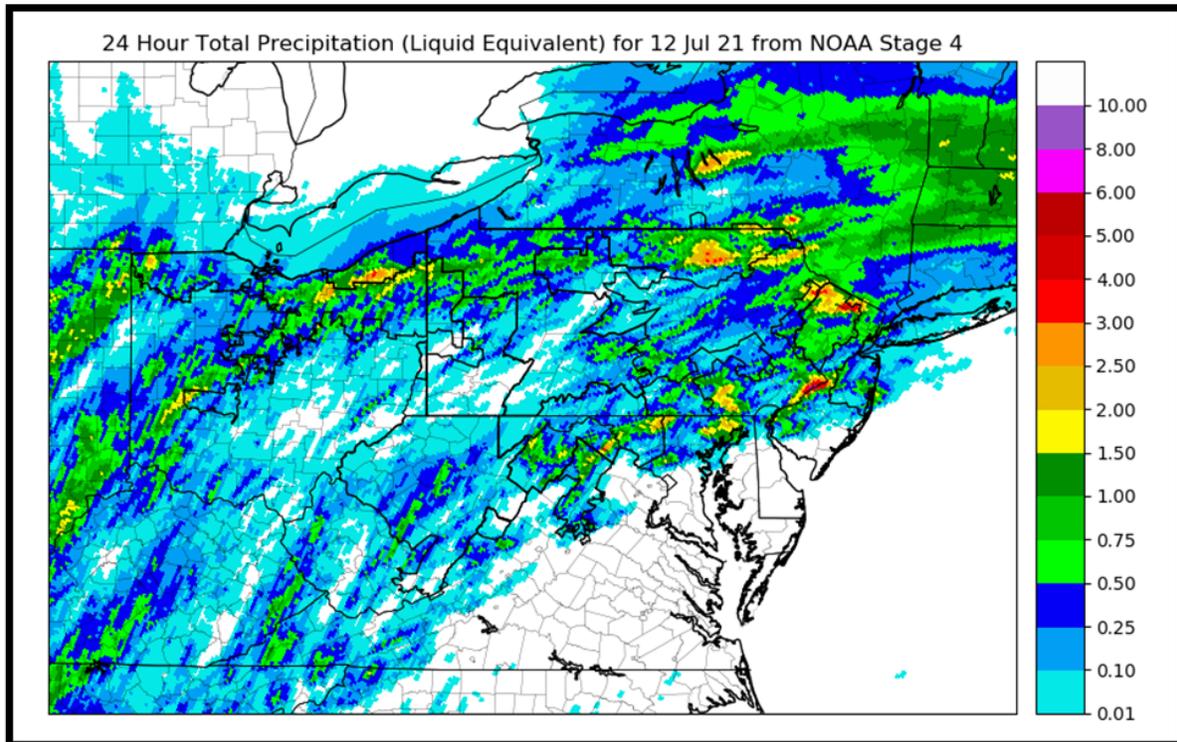
Graphic 2: Maximum Wind Gusts: Wednesday, July 14, 2021



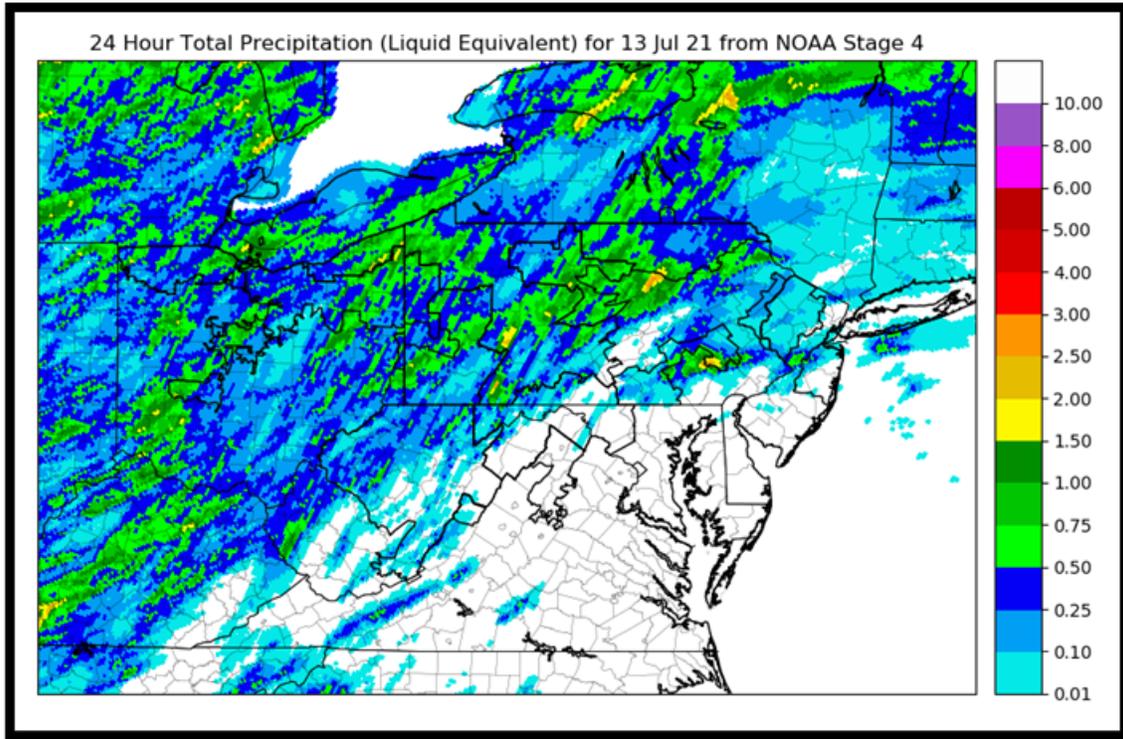
Graphic 3: Maximum Wind Gusts: Thursday, July 15, 2021



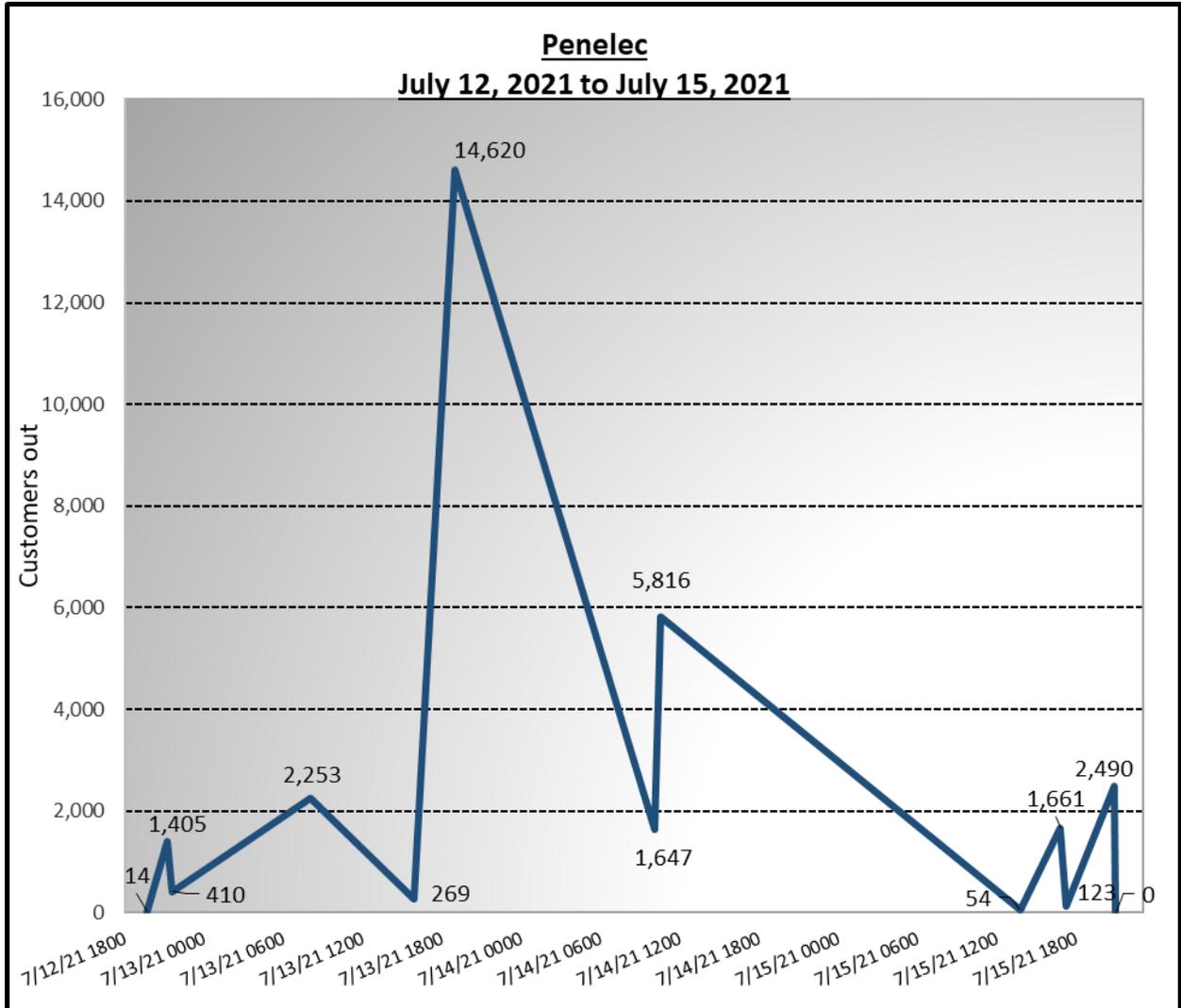
Graphic 4: 24-Hour Total Precipitation: Monday, July 12, 2021



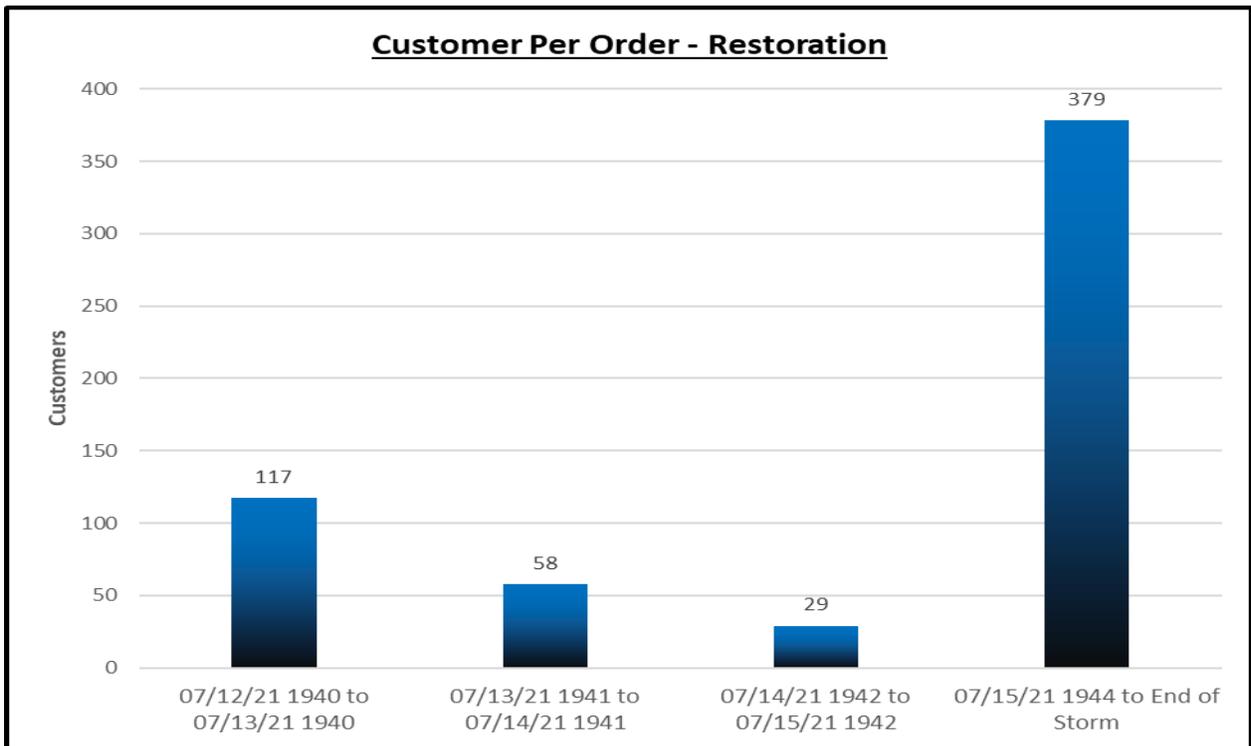
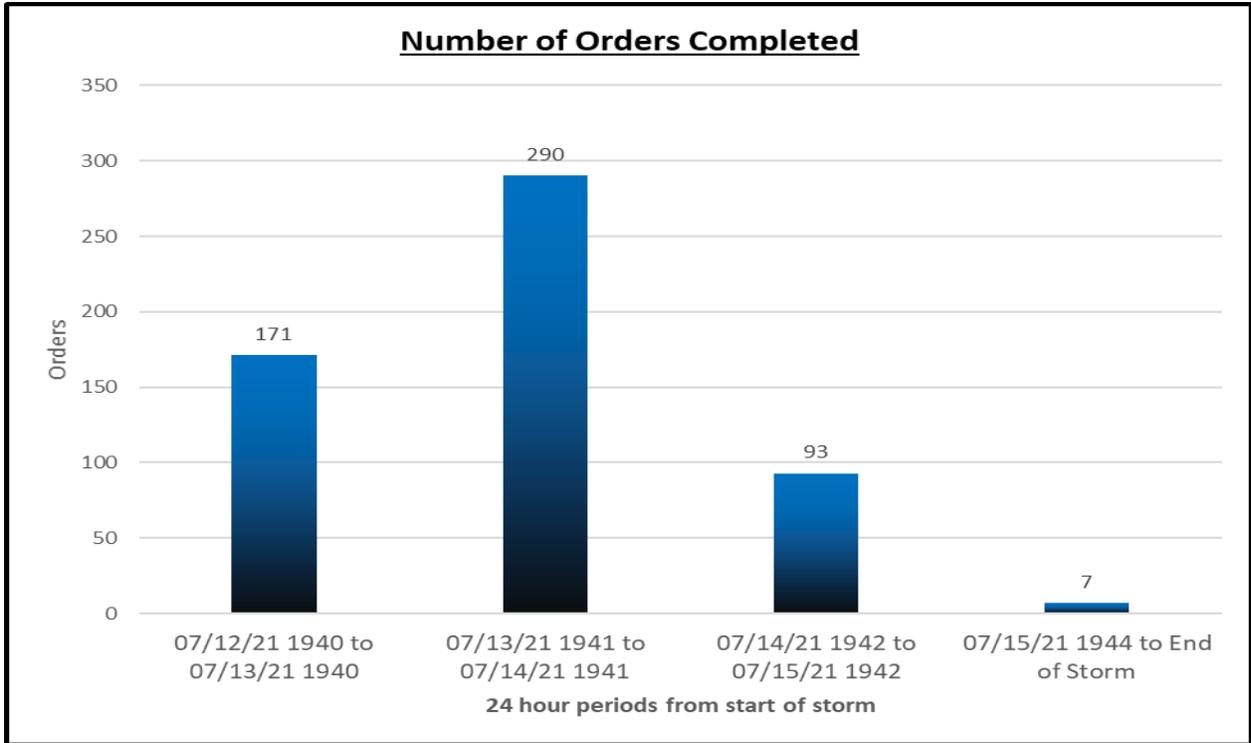
Graphic 5: 24-Hour Total Precipitation: Tuesday, July 13, 2021



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs

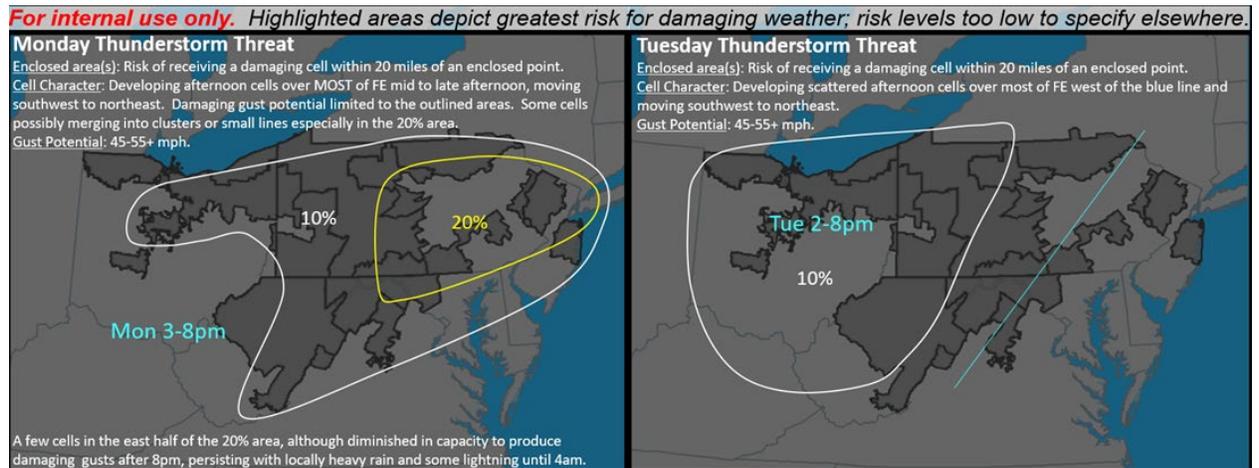


Attachment E: FirstEnergy Meteorologist Reports

Monday, July 12, 2021 @ 1020

New Issuance: Threats for today and tomorrow provided below. We are also monitoring a minor threat for FirstEnergy East on Wednesday. Confidence is below normal for both panels due to the lack of a significant and trackable mechanism to drive storm development.

Note that although the capacity for a cell to produce damaging gusts will diminish after 8pm tonight, cells with locally heavy rain and lightning may persist in the 20% risk area (especially the east half of that area) through 3am.

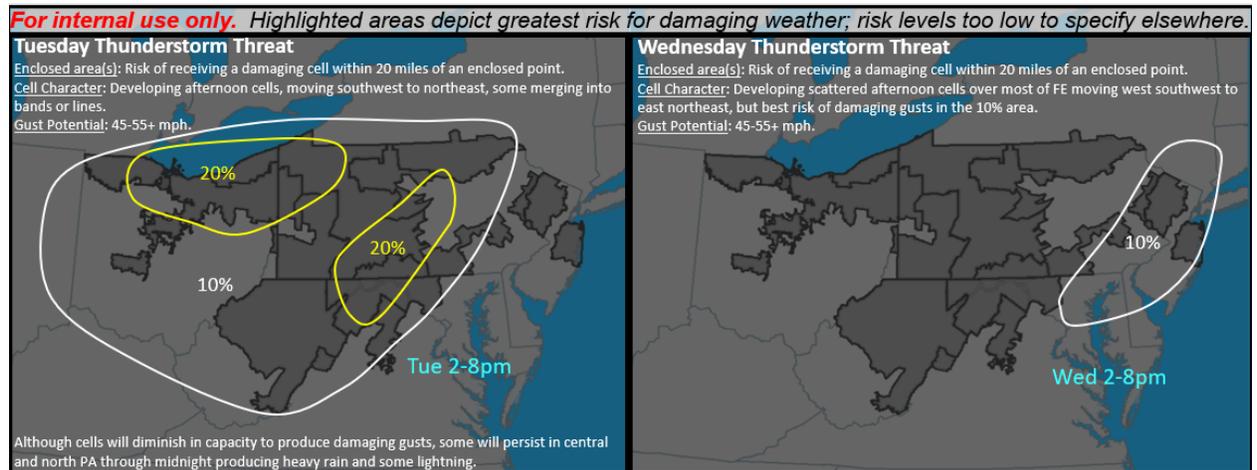


Tuesday, July 13, 2021 @ 0932

Changes:

1. Added detail for threat today. Confidence is normal with this panel.
2. Added threat for tomorrow. Confidence is normal with this panel.

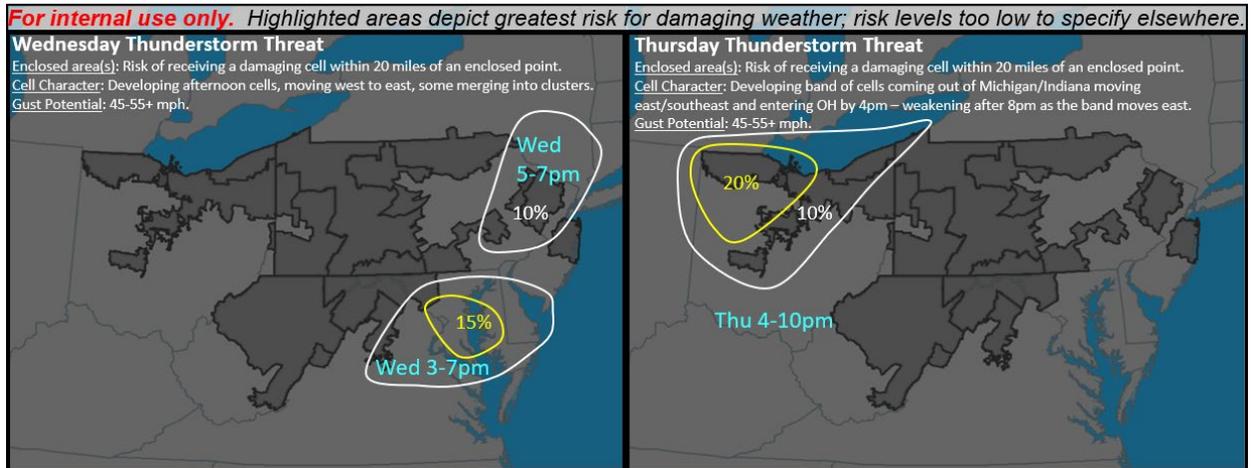
Similar to yesterday, although the capacity for a cell to produce damaging gusts will diminish after 8pm tonight, cells with locally heavy rain and lightning may persist in north central Pennsylvania through midnight.



Wednesday July 14, 2021 @ 0919

Changes:

- 3. Added detail for threat today. Confidence is normal with this panel.
- 4. Added threat for tomorrow. Confidence is normal with this panel.



Thursday, July 15, 2021 @ 0949

Changes:

1. Expanded threat area east today. Confidence is normal with this panel.
2. Added threat for tomorrow. Confidence is normal with this panel.
3. Added preliminary threat for Saturday. Confidence is normal with this panel.

