

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

November 16, 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 –
Metropolitan Edison Company; Docket No. M-2021-3023564***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Metropolitan Edison Company (“Met-Ed”) submits written notification of completed restoration efforts following an interruption that began October 29, 2021 that caused multiple service interruptions in the Met-Ed 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)
Harry Bidelsbach – 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: Metropolitan Edison Company ("Met-Ed")
Address: 800 Cabin Hill Drive
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:

October 29, 2021
(Date)

0112
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 17,199 (Represents 3.0% of Met-Ed'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	227	5	9
Berks	6,067	162	103
Bucks	1362	41	17
Chester	1637	8	2
Cumberland	113	9	6
Dauphin	42	4	2
Lancaster	34	4	2
Lebanon	4828	22	16
Lehigh	16	4	0
Monroe	400	12	10
Montgomery	240	10	3
Northampton	422	15	8
Pike	109	3	4
York	1702	36	41
Total	17,199	335	223

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 165

(e) A listing of each outage case exceeding 6 or more hours in duration:
See Attachment A.

Reason for the interruption or outages: Beginning the morning of Friday, October 29, 2021, a low-pressure system moved into the Met-Ed service territory from the south. This low-pressure system produced sustained high winds with maximum winds gusts up to 43 miles per hour in addition to two inches of rain. See Attachment B for the wind and precipitation reports for October 29, 2021.

Damage as a result of the high winds included downed trees and power lines as well as damaged and broken poles and crossarms. The Reading, Lebanon, Easton and Boyertown areas were the hardest hit; however, the high winds impacted the entire service territory. Approximately 70% of the total outages that occurred were tree related.

Preliminary data indicate the reliability impact of the storm was 9.0 minutes of SAIDI, 0.03 of SAIFI, and an overall storm CAIDI of 298.67 minutes.

(f) Projected time of restoration: It was estimated that the majority of customers would be restored by 1800 on October 31, 2021.

See Attachment C for the restoration curve and Attachment D for the order restoration

graphs.

- (g) 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
Met-Ed	156	Line Workers
Subtotal	156	
Haugland	5	Line Contractor
Henkels & McCoy	6	Line Contractor
J.W. Didado	4	Line Contractor
Miller Brothers	12	Line Contractor
NG Gilbert	13	Line Contractor
Subtotal	40	
Asplundh Tree Experts	3	Forestry Contractor
Davey Tree Experts	6	Forestry Contractor
Lewis Tree Service	15	Forestry Contractor
Nelson Tree Service	2	Forestry Contractor
Penn Line Service	15	Forestry Contractor
Tree Smiths	22	Forestry Contractor
Wright Tree Service	9	Forestry Contractor
York Tree	8	Forestry Contractor
Subtotal	80	
Met-Ed	60	Supporting Roles
Contractors (Various)	8	Supporting Roles
Subtotal	68	
Grand Total	344	

- (h) The date and time of the first information of a service interruption: October 29, 2021 at 0947.
- (i) The date and time that repair crews were assembled: Crews were on-duty at the time of the storm.
- (j) The actual time that service was restored to the last affected customer: November 1, 2021 at 0220. In addition, Met-Ed was able to restore 73.7% of the impacted customers within six hours.

- (k) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans Down	254
Secondary Spans Replaced	20
Crossarms Replaced	20
Cutouts Replaced	46
Poles Replaced	13
Transformers Replaced	9
Wire & Cable Replaced (feet)	3,365

- (l) If the interruption/outage event was weather-related, the utility's weather reports, outlooks, or scenarios for the day before and the day of the interruption/outage event:

See Attachment E for the weather forecast reports.

- (m) If the interruption/outage event caused approximate outages that exceed 10% or more of 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 is still in progress at the time of filing this report.

Attachment A: A listing of each outage case exceeding six or more hours in duration, including the following information¹:

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
11814021-2	Bucks	1	3,269	10/29/2021 1732	11/01/2021 0001
11812713-1	Berks	1	2,959	10/29/2021 1155	10/31/2021 1314
11815090-4	Bucks	3	2,873	10/29/2021 2025	10/31/2021 2018
11815306-1	Berks	1	2,775	10/29/2021 2045	10/31/2021 1900
11813185-5	Berks	3	2,698	10/29/2021 1350	10/31/2021 1048
11817641-2	Berks	1	2,686	10/29/2021 1717	10/31/2021 1403
11812720-1	Berks	1	2,623	10/29/2021 1200	10/31/2021 0743
11814701-2	Montgomery	1	2,615	10/29/2021 1937	10/31/2021 1512
11814199-1	Berks	12	2,370	10/29/2021 1805	10/31/2021 0935
11816688-2	Montgomery	1	2,146	10/30/2021 0327	10/31/2021 1513
11817008-2	Montgomery	2	1,959	10/30/2021 0401	10/31/2021 1240
11816762-1	Berks	8	1,857	10/29/2021 1230	10/30/2021 1927
11817751-2	Berks	33	1,849	10/29/2021 2212	10/31/2021 0501
11813384-2	Bucks	1	1,831	10/29/2021 1421	10/30/2021 2052
11818384-3	Bucks	1	1,830	10/30/2021 1950	11/01/2021 0220
11814442-1	Berks	2	1,798	10/29/2021 1902	10/31/2021 0100
11813886-2	Bucks	1	1,793	10/29/2021 1704	10/30/2021 2257
11818358-1	Berks	2	1,728	10/30/2021 1319	10/31/2021 1807
11817697-2	Berks	1	1,728	10/30/2021 1319	10/31/2021 1807
11813185-2	Berks	3	1,728	10/29/2021 1350	10/30/2021 1838
11812891-2	Berks	3	1,709	10/29/2021 1613	10/30/2021 2042
11812696-2	Lancaster	18	1,689	10/29/2021 1147	10/30/2021 1556
11818746-2	Berks	2	1,685	10/30/2021 0907	10/31/2021 1312
11813532-1	Berks	1	1,662	10/29/2021 1523	10/30/2021 1905
11816687-2	Berks	6	1,660	10/29/2021 1645	10/30/2021 2025
11814447-2	Lebanon	2	1,657	10/29/2021 1550	10/30/2021 1927
11818311-1	Berks	8	1,634	10/29/2021 1721	10/30/2021 2035
11813971-3	Berks	1	1,634	10/29/2021 1721	10/30/2021 2035
11813122-1	Berks	5	1,619	10/29/2021 1333	10/30/2021 1632
11814197-2	Berks	1	1,580	10/29/2021 1804	10/30/2021 2024
11814115-1	Lancaster	3	1,555	10/29/2021 1755	10/30/2021 1950
11813707-1	Bucks	3	1,525	10/29/2021 1610	10/30/2021 1735

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.

Met-Ed 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
11813712-4	Berks	9	1,519	10/30/2021 1511	10/31/2021 1630
11813843-3	Berks	6	1,517	10/29/2021 1648	10/30/2021 1805
11814288-1	Berks	1	1,515	10/29/2021 1823	10/30/2021 1938
11814718-1	Berks	3	1,508	10/29/2021 1940	10/30/2021 2048
11816918-2	Berks	1	1,491	10/30/2021 0724	10/31/2021 0815
11813912-1	Berks	9	1,488	10/29/2021 1708	10/30/2021 1756
11817779-1	Berks	1	1,486	10/30/2021 1410	10/31/2021 1456
11813194-2	Berks	18	1,474	10/29/2021 1351	10/30/2021 1425
11813641-1	Montgomery	5	1,473	10/29/2021 1551	10/30/2021 1624
11816707-3	Bucks	29	1,433	10/29/2021 1953	10/30/2021 1946
11816416-2	Bucks	4	1,428	10/29/2021 1830	10/30/2021 1818
11813547-1	Berks	9	1,413	10/29/2021 1526	10/30/2021 1459
11814733-1	Berks	1	1,413	10/29/2021 1942	10/30/2021 1915
11814469-2	Bucks	24	1,409	10/29/2021 1235	10/30/2021 1204
11815078-2	Bucks	2	1,398	10/29/2021 2024	10/30/2021 1942
11813797-1	Berks	10	1,397	10/29/2021 1631	10/30/2021 1548
11813669-2	Berks	4	1,369	10/29/2021 1603	10/30/2021 1452
11814717-1	Berks	5	1,326	10/29/2021 1940	10/30/2021 1746
11814365-2	Bucks	6	1,325	10/29/2021 1624	10/30/2021 1429
11816764-1	Montgomery	4	1,317	10/30/2021 0518	10/31/2021 0315
11816733-3	Bucks	9	1,303	10/29/2021 1909	10/30/2021 1652
11814227-2	Berks	24	1,303	10/29/2021 1814	10/30/2021 1557
11815758-4	Berks	7	1,296	10/29/2021 2127	10/30/2021 1903
11813682-2	Berks	1	1,285	10/29/2021 1605	10/30/2021 1330
11814854-2	Pike	15	1,277	10/29/2021 1944	10/30/2021 1701
11814369-1	Berks	1	1,267	10/29/2021 1841	10/30/2021 1548
11814352-1	Berks	6	1,264	10/29/2021 1836	10/30/2021 1540
11814371-1	Berks	2	1,258	10/29/2021 1823	10/30/2021 1521
11817576-1	Berks	1	1,252	10/29/2021 1844	10/30/2021 1536
11818220-2	Berks	4	1,249	10/30/2021 1912	10/31/2021 1601
11815852-1	Chester	1	1,249	10/29/2021 2201	10/30/2021 1850
11818344-1	Berks	1	1,248	10/30/2021 1900	10/31/2021 1548
11817018-1	Bucks	124	1,241	10/29/2021 1931	10/30/2021 1612
11813665-2	York	72	1,240	10/29/2021 1602	10/30/2021 1242
11813799-2	Northampton	48	1,239	10/29/2021 1635	10/30/2021 1314
11816468-1	Bucks	2	1,232	10/29/2021 1740	10/30/2021 1412
11814446-1	Berks	1	1,229	10/29/2021 1903	10/30/2021 1532

Met-Ed 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
11814432-1	Berks	20	1,201	10/29/2021 1855	10/30/2021 1456
11813802-1	Berks	44	1,188	10/29/2021 1638	10/30/2021 1226
11814669-1	Berks	1	1,160	10/29/2021 1914	10/30/2021 1434
11813554-3	Berks	58	1,150	10/29/2021 1527	10/30/2021 1037
11818388-2	Cumberland	9	1,149	10/30/2021 1956	10/31/2021 1505
11816428-1	Berks	6	1,142	10/29/2021 1854	10/30/2021 1356
11818365-2	Montgomery	5	1,141	10/30/2021 1925	10/31/2021 1426
11814427-1	Berks	1	1,139	10/29/2021 1856	10/30/2021 1355
11813942-2	Berks	5	1,135	10/29/2021 1714	10/30/2021 1209
11813402-2	Dauphin	12	1,131	10/29/2021 1430	10/30/2021 0921
11814506-1	Berks	5	1,130	10/29/2021 1911	10/30/2021 1401
11815167-1	Bucks	1	1,110	10/29/2021 2030	10/30/2021 1500
11814685-1	Berks	10	1,107	10/29/2021 1933	10/30/2021 1400
11814656-1	Berks	11	1,098	10/29/2021 1930	10/30/2021 1348
11814747-1	Berks	9	1,084	10/29/2021 1927	10/30/2021 1331
11814542-2	Monroe	7	1,082	10/29/2021 1915	10/30/2021 1317
11814429-1	Montgomery	19	1,077	10/29/2021 1858	10/30/2021 1255
11814719-1	Berks	31	1,071	10/29/2021 1934	10/30/2021 1325
11816416-2	Bucks	18	1,069	10/29/2021 1830	10/30/2021 1219
11816702-1	Berks	4	1,069	10/29/2021 2218	10/30/2021 1607
11813284-1	Berks	3	1,065	10/29/2021 1359	10/30/2021 0744
11817059-1	Berks	1	1,054	10/29/2021 1918	10/30/2021 1252
11815849-1	Berks	6	1,048	10/29/2021 2203	10/30/2021 1531
11814251-1	Berks	5	1,042	10/29/2021 1819	10/30/2021 1141
11814747-1	Berks	35	1,016	10/29/2021 1927	10/30/2021 1223
11813932-2	Berks	1	1,012	10/29/2021 1712	10/30/2021 1004
11817607-1	Berks	1	987	10/30/2021 1234	10/31/2021 0501
11818666-1	Cumberland	3	979	10/30/2021 2335	10/31/2021 1554
11814375-2	Lehigh	6	973	10/29/2021 1842	10/30/2021 1055
11814657-2	Monroe	68	941	10/29/2021 1924	10/30/2021 1105
11814741-2	Monroe	29	935	10/29/2021 1944	10/30/2021 1119
11813128-3	Lebanon	30	935	10/29/2021 1333	10/30/2021 0508
11814553-1	Northampton	65	931	10/29/2021 1914	10/30/2021 1045
11817386-1	Montgomery	2	921	10/30/2021 1056	10/31/2021 0217
11815611-1	Lancaster	11	906	10/29/2021 2115	10/30/2021 1221
11814608-2	Chester	84	900	10/29/2021 1910	10/30/2021 1010
11816966-1	Berks	105	900	10/29/2021 1925	10/30/2021 1025

Met-Ed 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
11814118-1	Bucks	5	884	10/29/2021 1752	10/30/2021 0836
11817152-1	Berks	3	879	10/29/2021 2037	10/30/2021 1116
11815525-2	Pike	93	865	10/29/2021 2107	10/30/2021 1132
11816284-2	Berks	8	856	10/29/2021 2347	10/30/2021 1403
11814163-1	Bucks	454	856	10/29/2021 1015	10/30/2021 0031
11812553-2	Bucks	1	856	10/29/2021 1015	10/30/2021 0031
11818403-1	York	86	853	10/30/2021 2024	10/31/2021 1037
11817318-2	Berks	1	826	10/30/2021 1027	10/31/2021 0013
11815761-1	York	16	804	10/29/2021 2144	10/30/2021 1108
11816497-1	Berks	4	797	10/29/2021 2146	10/30/2021 1103
11815852-1	Chester	173	794	10/29/2021 2201	10/30/2021 1115
11814994-1	Bucks	4	788	10/29/2021 2013	10/30/2021 0921
11815852-1	Chester	1224	729	10/29/2021 2201	10/30/2021 1010
11816509-1	Berks	1	725	10/30/2021 0150	10/30/2021 1355
11812540-2	York	6	714	10/29/2021 1002	10/29/2021 2156
11816531-1	York	1	699	10/30/2021 0221	10/30/2021 1400
11816284-2	Berks	39	686	10/29/2021 2230	10/30/2021 0956
11814324-1	Bucks	8	675	10/29/2021 1820	10/30/2021 0535
11814310-1	Berks	1	647	10/29/2021 1827	10/30/2021 0514
11816687-1	Berks	21	644	10/29/2021 1645	10/30/2021 0329
11816489-1	Bucks	141	633	10/29/2021 1827	10/30/2021 0500
11814720-1	Berks	3	621	10/29/2021 1822	10/30/2021 0443
11817575-3	York	15	609	10/30/2021 1216	10/30/2021 2225
11813546-1	Berks	56	604	10/29/2021 1526	10/30/2021 0130
11813828-1	Berks	27	587	10/29/2021 1644	10/30/2021 0231
11814670-1	Berks	75	573	10/29/2021 1731	10/30/2021 0304
11817126-1	Berks	8	561	10/30/2021 0112	10/30/2021 1033
11816838-1	Berks	4	560	10/30/2021 0621	10/30/2021 1541
11812590-1	Lebanon	40	557	10/29/2021 1043	10/29/2021 2000
11815671-1	Northampton	39	545	10/29/2021 1741	10/30/2021 0246
11814357-1	Berks	30	540	10/29/2021 1838	10/30/2021 0338
11812600-1	Berks	1	531	10/29/2021 1051	10/29/2021 1942
11814856-1	Northampton	4	522	10/29/2021 1949	10/30/2021 0431
11816180-1	Lebanon	12	519	10/29/2021 2318	10/30/2021 0757
11815617-1	York	1	511	10/29/2021 2117	10/30/2021 0548
11812807-2	Berks	36	509	10/29/2021 1221	10/29/2021 2050
11814444-1	Bucks	3	498	10/29/2021 1902	10/30/2021 0320

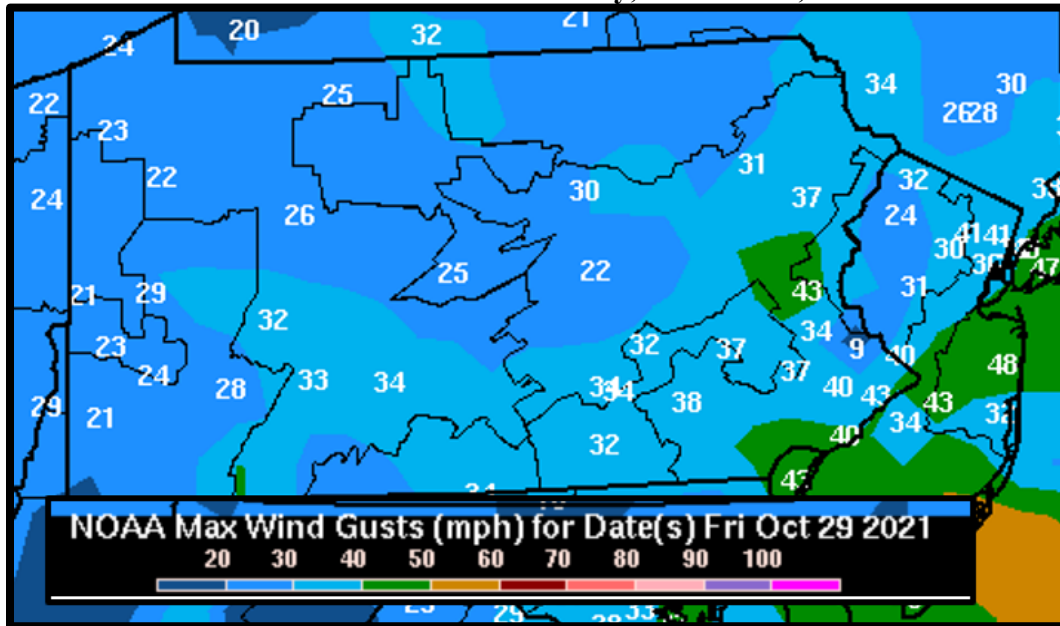
Met-Ed Storm Report

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
11812702-2	Lebanon	128	492	10/29/2021 1153	10/29/2021 2005
11816714-1	Berks	9	480	10/30/2021 0358	10/30/2021 1158
11816409-1	Berks	1	467	10/30/2021 0045	10/30/2021 0832
11816683-1	Berks	23	448	10/30/2021 0323	10/30/2021 1051
11813825-1	Lancaster	2	447	10/29/2021 1646	10/30/2021 0013
11813446-1	Berks	1	446	10/29/2021 1448	10/29/2021 2214
11813433-2	Lebanon	9	426	10/29/2021 1440	10/29/2021 2146
11819170-2	Lehigh	6	424	10/31/2021 1556	10/31/2021 2300
11814197-1	Berks	6	422	10/29/2021 1804	10/30/2021 0106
11818674-2	Monroe	6	422	10/31/2021 0709	10/31/2021 1411
11816503-1	Northampton	208	419	10/30/2021 0139	10/30/2021 0838
11816494-1	Lebanon	1	416	10/30/2021 0133	10/30/2021 0829
11817328-1	Berks	1	408	10/30/2021 1030	10/30/2021 1718
11814731-1	Monroe	12	403	10/29/2021 1939	10/30/2021 0222
11813375-1	Berks	1	385	10/29/2021 1418	10/29/2021 2043
11812850-1	Berks	20	382	10/29/2021 1244	10/29/2021 1906
11817750-2	Berks	8	381	10/30/2021 1346	10/30/2021 2007
11812584-1	York	1	375	10/29/2021 1035	10/29/2021 1650
11817657-1	Berks	1	373	10/30/2021 1301	10/30/2021 1914
11814001-1	Bucks	9	373	10/29/2021 1727	10/29/2021 2340
11816930-1	Berks	1	370	10/30/2021 0732	10/30/2021 1342
11814244-1	Berks	92	362	10/29/2021 1818	10/30/2021 0020

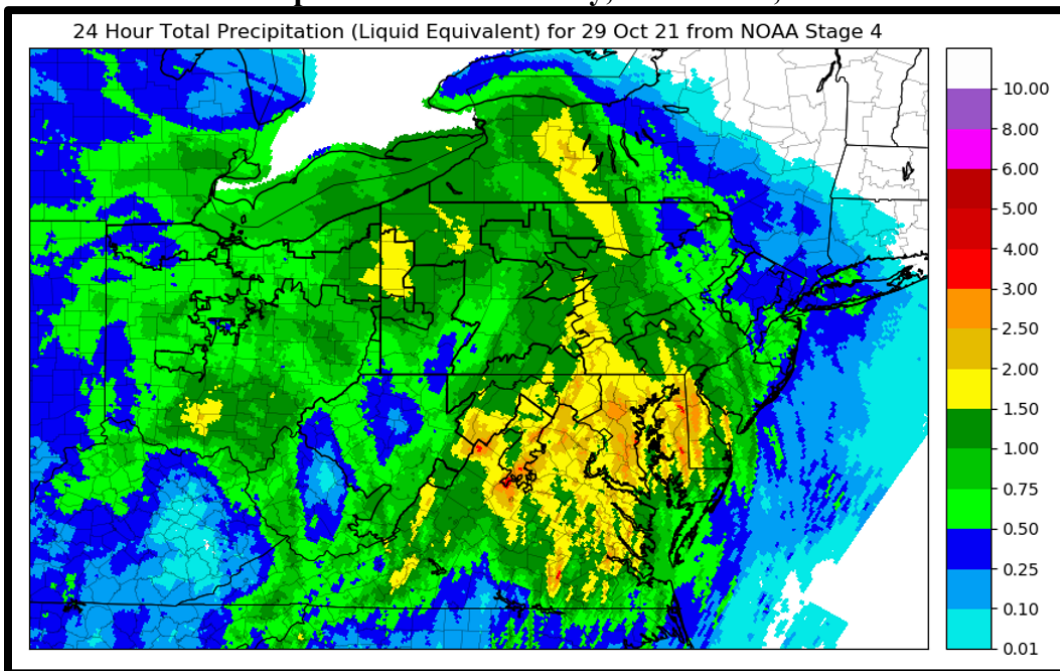
Attachment B: FirstEnergy Wind Report

Wind Report: The graphic below illustrates the maximum wind gusts and precipitation totals in the Met-Ed service territory on October 29, 2021. The graphic is from the National Oceanic and Atmospheric Administration (“NOAA”).

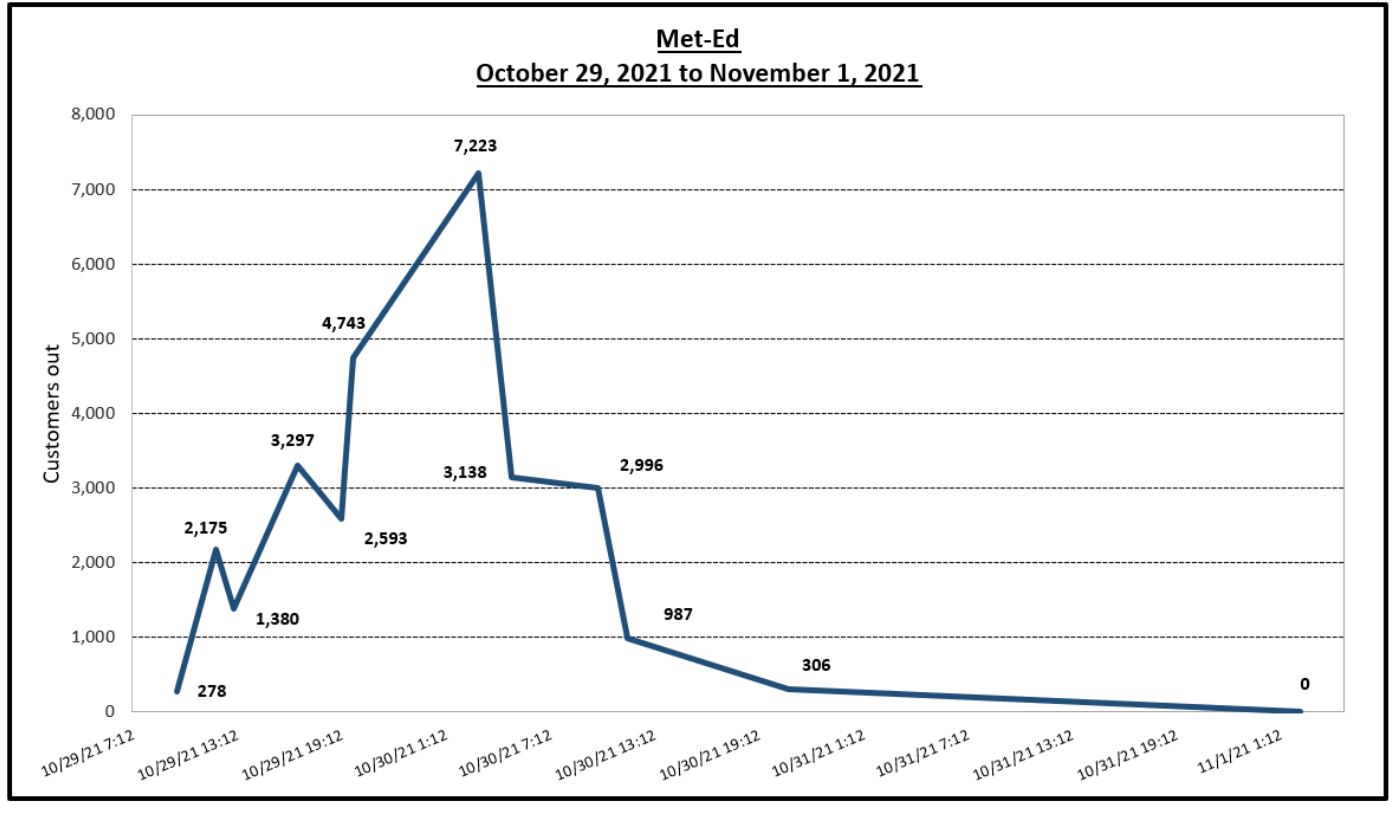
Maximum Wind Gusts: Friday, October 29, 2021



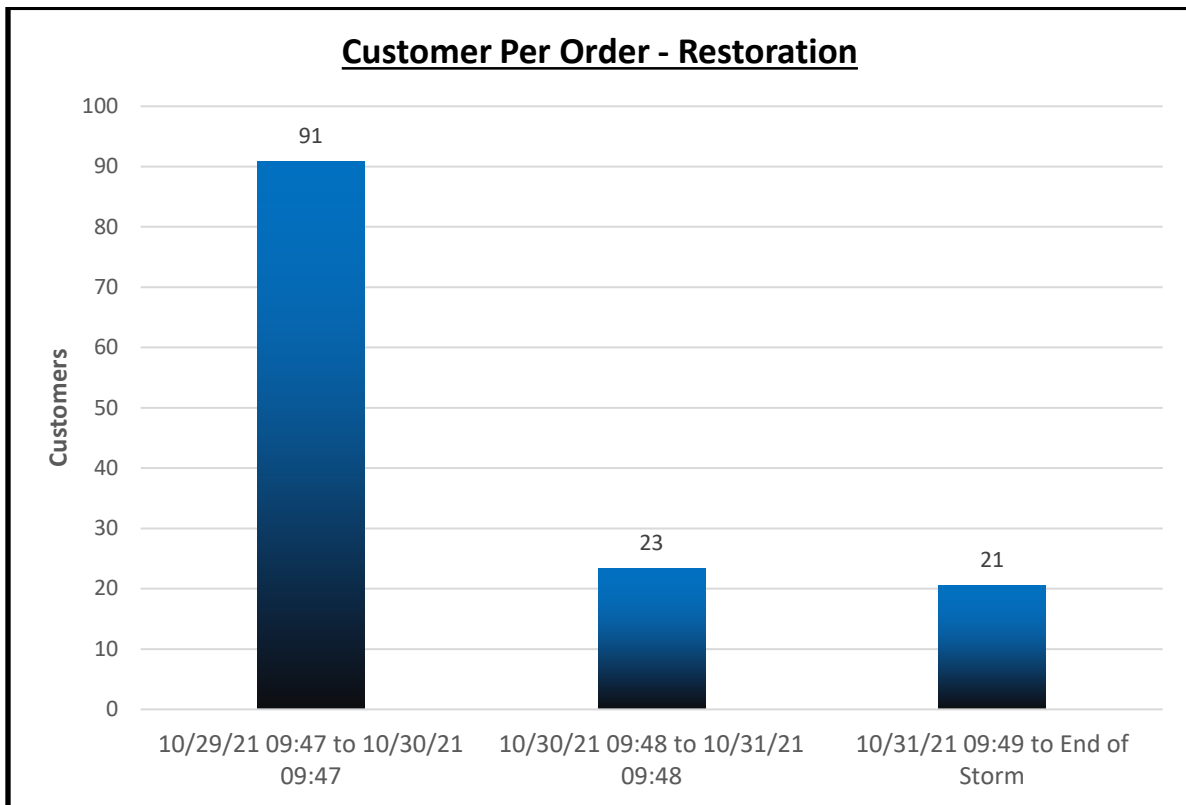
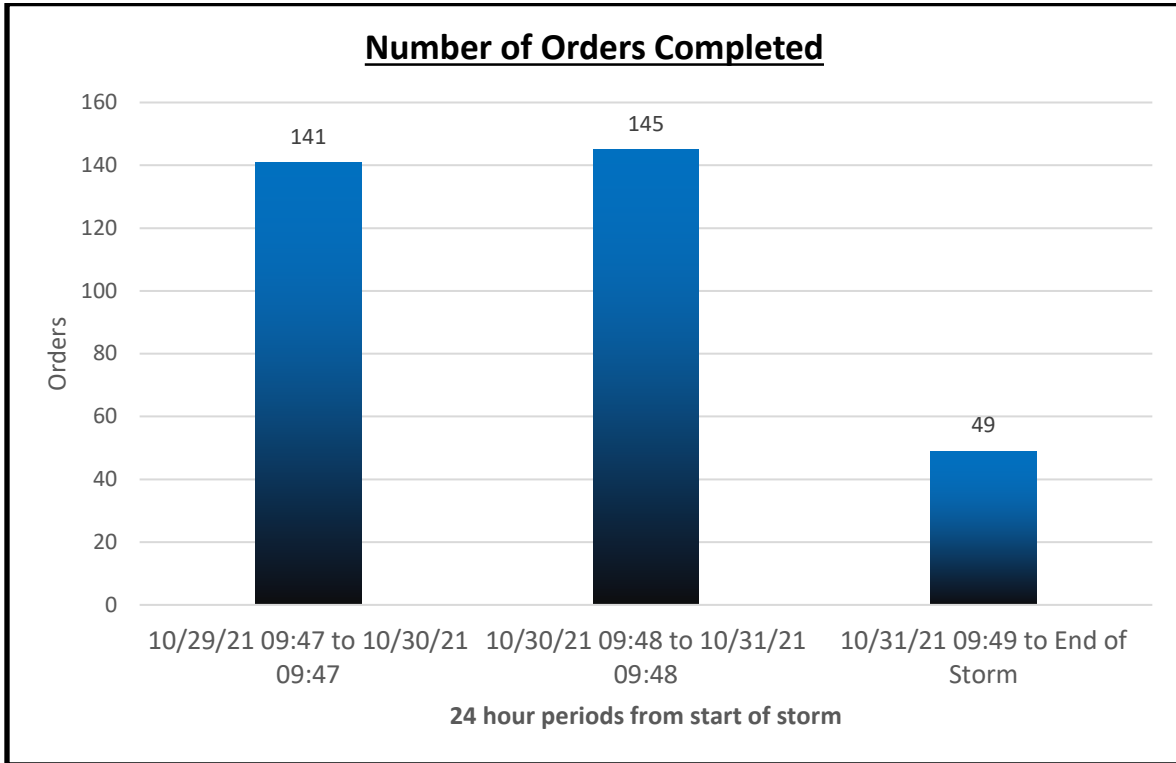
Precipitation Totals: Friday, October 29, 2021



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: FirstEnergy Meteorologist Reports

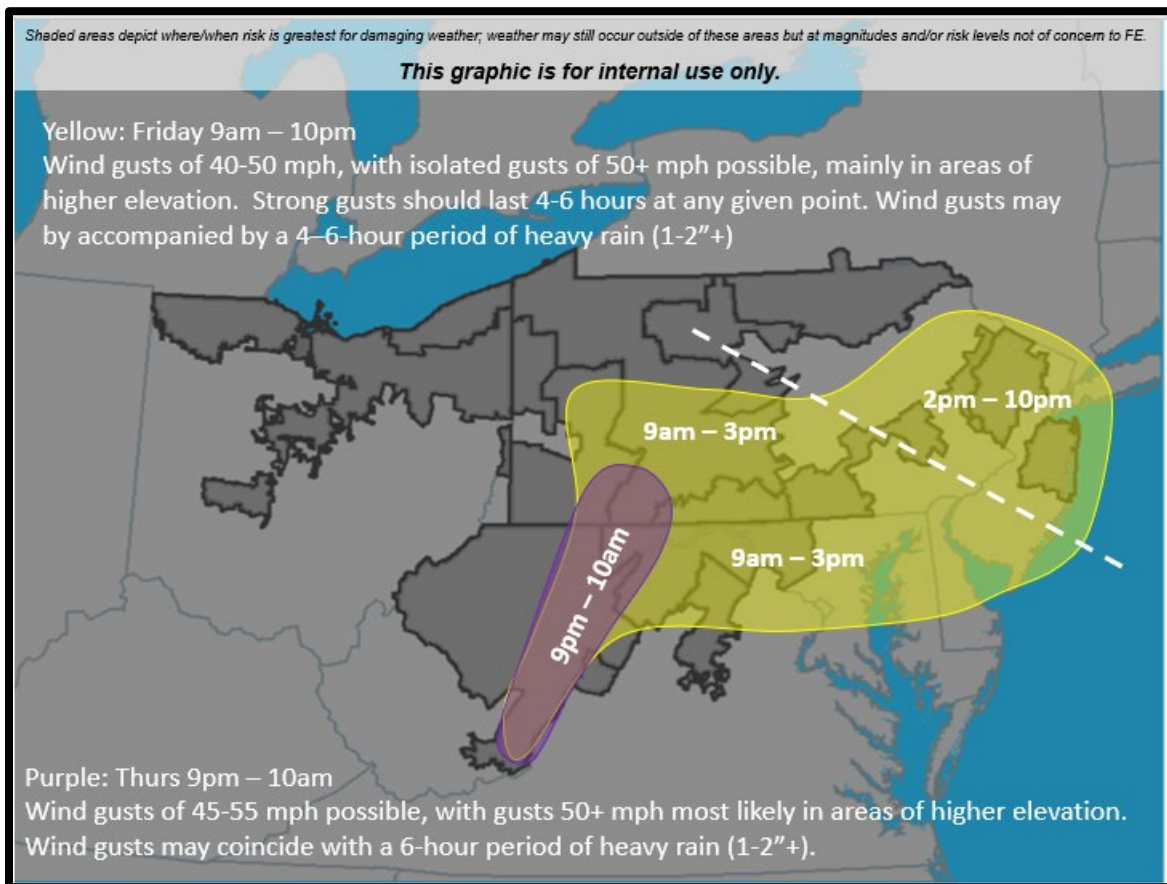
Tuesday, October 26, 2021 at 1614

New Issuance:

A fairly strong low-pressure system will cruise by FE to the south overnight Thursday and throughout the day Friday. As of now, this will bring the possibility of a period of high wind gusts for portions of southern, central and eastern FE, which may mix with a few hours of locally heavy rain.

This storm system is fairly complex, making additional specific details hard to provide from this far in advance, and this forecast is very fluid. Regardless, the current messaging is that strong gusts and locally heavy rain will be possible across the noted areas beginning late Thursday and likely lasting into Friday night. Additional details about the nature of the storm/threat could change and will be provided as they become available.

See graphic below for further information.

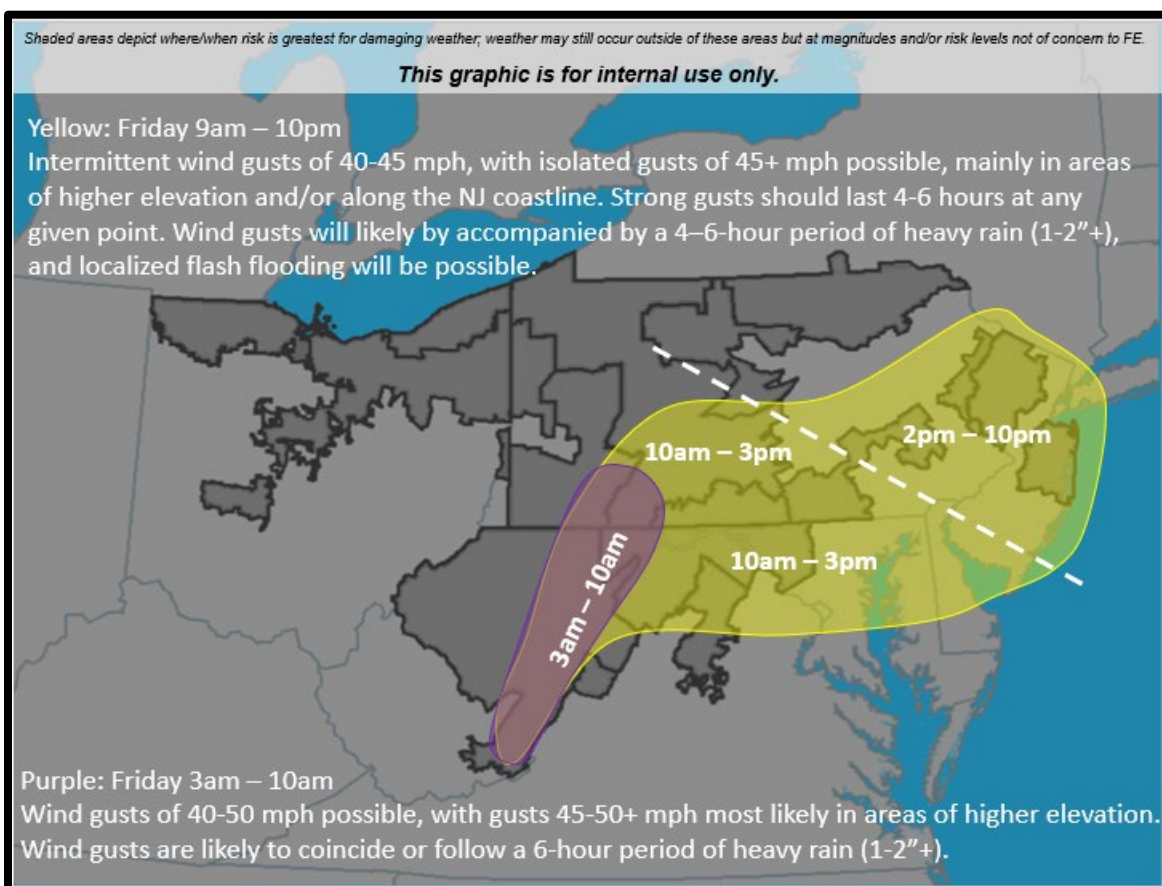


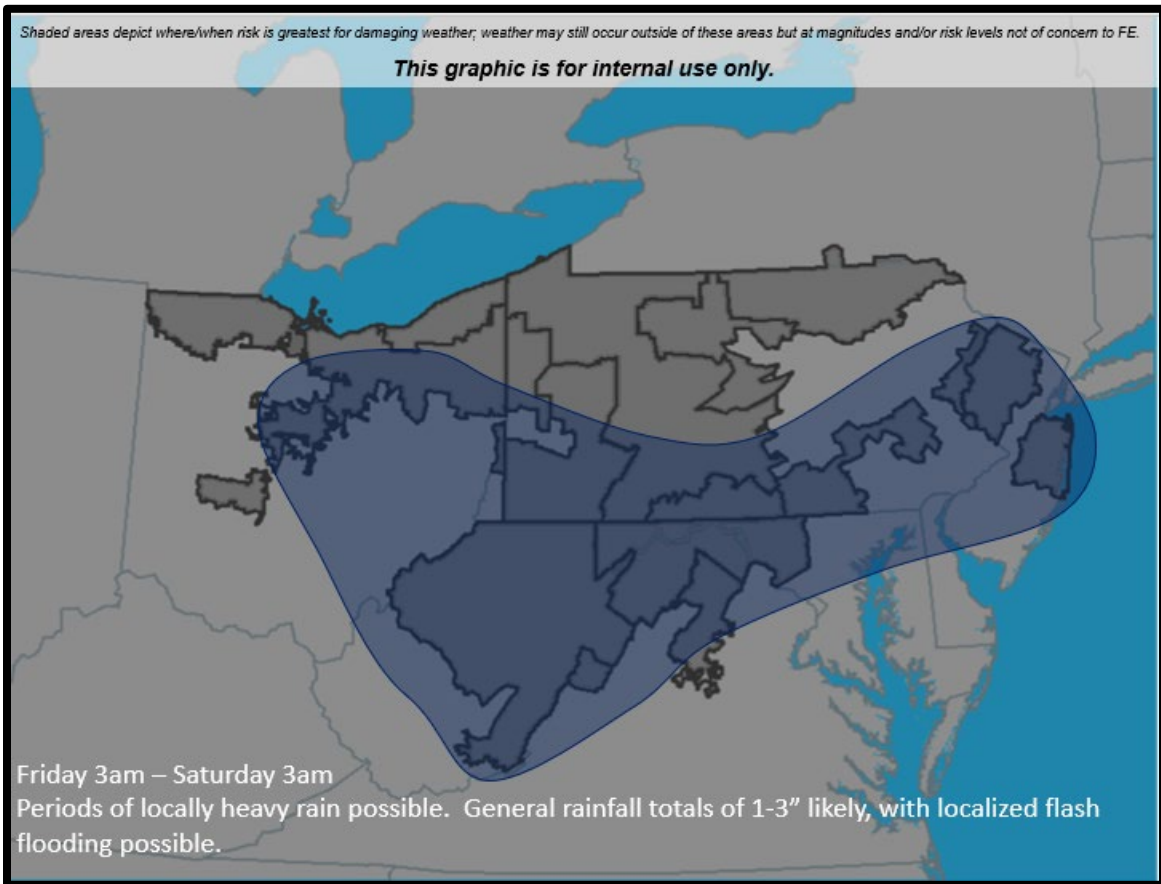
Wednesday, October 27, 2021 at 928

Update:

- 1) Removed mention of 35-40 mph wind gusts along the immediate NJ coastline this morning/afternoon. That portion of the weather alert is canceled.
- 2) Adjusted wind forecast for Friday, slightly moving back the start time of the event, and slightly reducing wind gusts for now. This is an odd storm, and the risk of stronger wind gusts will increase with elevation—so exposed areas and ridgetops will see the greatest risk for 45+ mph gusts. The NJ coastline will also be at risk of 45+ mph gusts Friday afternoon due to the easterly wind coming off of the ocean.
- 3) Added a graphic for rainfall. Most of FE will see periods of heavy rain Friday—a good portion of this rainfall will likely come in a 4-8 hour period for most areas, but total rainfall for the event could reach 2-3” across most locations.

See graphics below for further information.





Thursday, October 28, 2021 at 0839

Update:

- 1) Positive trends in the storm track have generally reduced wind gust forecast for Friday. The strongest gusts are still most likely along the higher ridgetops and along the NJ coastline.
- 2) Slight updates to the rain forecast; the heaviest rain is expected to fall across portions eastern WV, MD and southern PA during the day Friday, and localized flooding is especially likely in these areas. Rain will likely come in waves, and the strongest batches could approach 1” per hour.

This remains a tricky forecast regarding both wind and rain, and Friday will not be a treat for most of us. Periods of rain and breezy conditions will occur over just about all of the FE footprint during the day Friday; the magnitudes of both the wind and rain forecast are still a bit more uncertain than usual and may need further adjustments in future alerts as we go through today.

See graphics below for further information.

