

Tori L. Giesler, Esq.
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December 22, 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 December 6, 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:

December 6, 2021
(Date)

2336
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 15,425 (Represents 2.7% 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	19	5	6
Berks	9,227	133	96
Bucks	553	24	15
Chester	22	3	3
Cumberland	1	1	1
Dauphin	90	2	6
Lancaster	20	2	1
Lebanon	319	6	12
Lehigh	41	2	2
Monroe	1,016	28	14
Montgomery	1,006	2	1
Northampton	73	11	25
Pike	2,588	5	3
York	450	17	22
Total	15,425	241	207

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 146

(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 afternoon of Monday, December 6, 2021, a low-pressure system moved into the Met-Ed service territory from the west. This low-pressure system produced sustained high winds with maximum winds gusts up to 52 miles per hour in addition to up to a half-an-inch of rain. See Attachment B for the wind and precipitation reports for December 6, 2021.

Damage as a result of the high winds included downed trees and power lines and damaged and broken poles and crossarms. The Reading and Boyertown areas were the hardest hit; however, the high winds impacted the entire service territory. Approximately 66% of the total outages that occurred were tree related.

Preliminary data indicate the reliability impact of the storm was 8.0 minutes of SAIDI, 0.03 of SAIFI, and an overall storm CAIDI of 298.6 minutes.

(f) Projected time of restoration: It was estimated that the majority of customers would be restored by 2300 on December 7, 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	167	Line Workers
Subtotal	167	
Harlan	6	Line Contractor
Haugland	11	Line Contractor
Henkels & McCoy/EPA	17	Line Contractor
JW Didado	9	Line Contractor
Miller Bros.	29	Line Contractor
NG Gilbert	19	Line Contractor
Valient	7	Line Contractor
Subtotal	98	
Davey Tree Experts	4	Forestry Contractor
Lewis Tree Service	27	Forestry Contractor
Nelson Tree Service	11	Forestry Contractor
Penn Line Services, Inc.	34	Forestry Contractor
Treesmiths	24	Forestry Contractor
Wright Tree Service	2	Forestry Contractor
York Tree Service	3	Forestry Contractor
Subtotal	105	
Met-Ed	7	Forestry Dispatchers
Subtotal	7	
Met-Ed	83	Supporting Roles
Contractors (Various)	13	Supporting Roles
Subtotal	96	
Grand Total	473	

- (h) The date and time of the first information of a service interruption: December 6, 2021 at 1829.
- (i) The date and time that repair crews were assembled: Crews were held over and were on-duty at the time of the storm.

- (j) The actual time that service was restored to the last affected customer: December 8, 2021 at 1535. In addition, Met-Ed was able to restore 77.2% 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	104
Secondary Spans Replaced	8
Crossarms Replaced	28
Cutouts Replaced	31
Poles Replaced	20
Transformers Replaced	9
Wire & Cable Replaced (feet)	4,587

- (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 exceeded 10% or more of the number 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 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
11857944-3	Berks	2	1,715	12/07/2021 1100	12/08/2021 1535
11856456-2	Berks	3	1,713	12/06/2021 2112	12/08/2021 0145
11855238-2	Berks	14	1,528	12/06/2021 1832	12/07/2021 2000
11855351-3	Berks	3	1,500	12/06/2021 1902	12/07/2021 2002
11855287-2	Berks	1	1,445	12/06/2021 1845	12/07/2021 1850
11858027-1	Berks	231	1,440	12/06/2021 2130	12/07/2021 2130
11858087-1	Berks	1	1,416	12/06/2021 2029	12/07/2021 2005
11855445-2	Chester	3	1,403	12/06/2021 1912	12/07/2021 1835
11855336-2	Berks	10	1,400	12/06/2021 1900	12/07/2021 1820
11856456-2	Berks	7	1,397	12/06/2021 2112	12/07/2021 2029
11855410-2	Berks	9	1,383	12/06/2021 1908	12/07/2021 1811
11855423-3	Berks	158	1,378	12/06/2021 1910	12/07/2021 1808
11857345-2	Berks	3	1,373	12/06/2021 2107	12/07/2021 2000
11856513-2	Berks	27	1,353	12/06/2021 2127	12/07/2021 2000
11855811-4	Berks	106	1,326	12/06/2021 1948	12/07/2021 1754
11855396-2	Berks	2	1,324	12/06/2021 1907	12/07/2021 1711
11856743-3	Berks	2	1,283	12/06/2021 1903	12/07/2021 1626
11855607-2	Northampton	1	1,280	12/06/2021 1930	12/07/2021 1650
11855302-4	Adams	1	1,266	12/06/2021 1853	12/07/2021 1559
11856772-2	Berks	1	1,261	12/06/2021 2250	12/07/2021 1951
11855307-2	Berks	4	1,251	12/06/2021 1856	12/07/2021 1547
11856106-1	Bucks	2	1,240	12/06/2021 2020	12/07/2021 1700
11855346-1	Berks	3	1,218	12/06/2021 1901	12/07/2021 1519
11855233-2	Berks	9	1,208	12/06/2021 1830	12/07/2021 1438
11856590-4	Berks	4	1,200	12/06/2021 2100	12/07/2021 1700
11857304-2	Berks	2	1,193	12/06/2021 2048	12/07/2021 1641
11857929-1	Bucks	4	1,185	12/06/2021 1933	12/07/2021 1518
11855312-3	Northampton	1	1,184	12/06/2021 1856	12/07/2021 1440
11856423-2	Berks	21	1,165	12/06/2021 2105	12/07/2021 1630
11855245-2	Berks	39	1,161	12/06/2021 1837	12/07/2021 1358
11856318-1	Berks	8	1,150	12/06/2021 2050	12/07/2021 1600
11855438-2	Monroe	1	1,138	12/06/2021 1912	12/07/2021 1410

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
11855573-2	Berks	63	1,137	12/06/2021 1925	12/07/2021 1422
11855337-2	Berks	37	1,132	12/06/2021 1901	12/07/2021 1353
11856116-2	Lehigh	9	1,131	12/06/2021 2021	12/07/2021 1512
11856456-2	Berks	8	1,129	12/06/2021 2112	12/07/2021 1601
11855346-1	Berks	23	1,119	12/06/2021 1901	12/07/2021 1340
11857566-1	Berks	2	1,117	12/06/2021 2203	12/07/2021 1640
11857387-2	Berks	4	1,109	12/06/2021 1942	12/07/2021 1411
11856512-2	Berks	10	1,097	12/06/2021 2124	12/07/2021 1541
11856635-1	Berks	35	1,090	12/06/2021 1917	12/07/2021 1327
11856791-1	Berks	56	1,087	12/06/2021 2108	12/07/2021 1515
11855421-1	Monroe	1	1,086	12/06/2021 1910	12/07/2021 1316
11856283-1	Berks	6	1,084	12/06/2021 2045	12/07/2021 1449
11856765-1	Bucks	1	1,080	12/06/2021 2245	12/07/2021 1645
11856310-1	Berks	12	1,076	12/06/2021 2049	12/07/2021 1445
11855765-2	Bucks	2	1,072	12/06/2021 1946	12/07/2021 1338
11856410-1	Bucks	1	1,068	12/06/2021 2102	12/07/2021 1450
11857225-2	Berks	5	1,065	12/06/2021 2130	12/07/2021 1515
11856332-1	Berks	23	1,064	12/06/2021 2051	12/07/2021 1435
11856267-1	Berks	19	1,056	12/06/2021 2044	12/07/2021 1420
11857926-1	Bucks	9	1,054	12/06/2021 1957	12/07/2021 1331
11855447-1	Monroe	2	1,049	12/06/2021 1913	12/07/2021 1242
11856306-3	Berks	56	1,046	12/06/2021 2049	12/07/2021 1415
11856324-2	Berks	2	1,039	12/06/2021 2041	12/07/2021 1400
11855412-1	Berks	11	1,036	12/06/2021 1908	12/07/2021 1224
11855282-2	Berks	48	1,033	12/06/2021 1838	12/07/2021 1151
11856769-1	Berks	94	1,033	12/06/2021 1842	12/07/2021 1155
11855465-1	Monroe	12	1,024	12/06/2021 1911	12/07/2021 1215
11855351-3	Berks	98	1,019	12/06/2021 1902	12/07/2021 1201
11857214-1	Berks	2	1,018	12/06/2021 2052	12/07/2021 1350
11856542-1	Berks	54	1,012	12/06/2021 1839	12/07/2021 1131
11857268-1	Monroe	3	1,009	12/06/2021 1924	12/07/2021 1213
11855305-2	Berks	4	1,008	12/06/2021 2045	12/07/2021 1333
11856181-3	Lebanon	13	1,001	12/06/2021 2035	12/07/2021 1316
11856549-3	Monroe	1	1,001	12/06/2021 2134	12/07/2021 1415
11857426-1	Berks	2	989	12/06/2021 1909	12/07/2021 1138
11856160-1	Bucks	1	983	12/06/2021 2031	12/07/2021 1254
11856139-3	York	8	973	12/06/2021 2027	12/07/2021 1240

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
11855230-1	Berks	2	964	12/06/2021 1829	12/07/2021 1033
11855673-2	Bucks	13	964	12/06/2021 1936	12/07/2021 1140
11857326-1	Bucks	3	953	12/06/2021 1933	12/07/2021 1126
11855323-1	Monroe	11	952	12/06/2021 1858	12/07/2021 1050
11857534-1	Northampton	2	948	12/06/2021 1942	12/07/2021 1130
11856718-2	Berks	29	942	12/06/2021 2215	12/07/2021 1357
11857516-1	Berks	2	939	12/06/2021 2024	12/07/2021 1203
11855340-1	Berks	5	936	12/06/2021 1906	12/07/2021 1042
11856911-3	Bucks	17	936	12/06/2021 1949	12/07/2021 1125
11855427-1	Berks	7	926	12/06/2021 1904	12/07/2021 1030
11856361-1	Berks	1	924	12/06/2021 2056	12/07/2021 1220
11856634-1	Berks	2	924	12/06/2021 2029	12/07/2021 1153
11857260-1	Monroe	7	923	12/06/2021 1915	12/07/2021 1038
11855411-2	Cumberland	1	923	12/06/2021 1908	12/07/2021 1031
11856044-2	Northampton	12	920	12/06/2021 2010	12/07/2021 1130
11855401-2	Berks	18	918	12/06/2021 1907	12/07/2021 1025
11856743-2	Berks	260	909	12/06/2021 1903	12/07/2021 1012
11856390-1	Berks	23	905	12/06/2021 2042	12/07/2021 1147
11856760-1	Berks	1	904	12/06/2021 2240	12/07/2021 1344
11855306-1	Berks	59	902	12/06/2021 1855	12/07/2021 0957
11855641-1	Bucks	4	900	12/06/2021 1936	12/07/2021 1036
11855547-5	Bucks	25	899	12/06/2021 1923	12/07/2021 1022
11855304-1	Berks	6	897	12/06/2021 1854	12/07/2021 0951
11856444-1	Berks	2	894	12/06/2021 2109	12/07/2021 1203
11856592-1	Monroe	9	890	12/06/2021 2140	12/07/2021 1230
11856375-1	Berks	11	889	12/06/2021 2042	12/07/2021 1131
11856500-2	Bucks	9	876	12/06/2021 1934	12/07/2021 1010
11857185-1	Berks	3	876	12/06/2021 2058	12/07/2021 1134
11856528-2	Northampton	3	872	12/06/2021 2130	12/07/2021 1202
11856274-1	Berks	26	870	12/06/2021 2044	12/07/2021 1114
11857150-1	Berks	1	870	12/07/2021 0506	12/07/2021 1936
11855633-1	Bucks	4	863	12/06/2021 1932	12/07/2021 0955
11856411-1	Berks	1	839	12/06/2021 2102	12/07/2021 1101
11856636-1	Berks	80	820	12/06/2021 2140	12/07/2021 1120
11856077-2	Berks	28	801	12/06/2021 2016	12/07/2021 0937
11856283-1	Berks	23	797	12/06/2021 2045	12/07/2021 1002
11856307-3	Northampton	5	792	12/06/2021 2048	12/07/2021 1000

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
11856518-1	Montgomery	33	771	12/06/2021 2129	12/07/2021 1020
11856545-1	York	1	765	12/06/2021 2132	12/07/2021 1017
11856438-2	York	1	764	12/06/2021 2107	12/07/2021 0951
11857108-2	Berks	1	759	12/07/2021 0435	12/07/2021 1714
11856758-3	Monroe	8	751	12/06/2021 2234	12/07/2021 1105
11856597-1	Berks	6	745	12/06/2021 2141	12/07/2021 1006
11855973-1	Bucks	123	745	12/06/2021 2005	12/07/2021 0830
11856553-2	Dauphin	47	744	12/06/2021 2136	12/07/2021 1000
11856671-1	Northampton	9	706	12/06/2021 2154	12/07/2021 0940
11855246-1	Berks	31	682	12/06/2021 1837	12/07/2021 0559
11857777-2	Berks	1	656	12/07/2021 1025	12/07/2021 2121
11856549-1	Monroe	29	647	12/06/2021 2134	12/07/2021 0821
11856663-2	York	1	635	12/06/2021 2150	12/07/2021 0825
11857551-1	Berks	6	631	12/07/2021 0055	12/07/2021 1126
11855490-1	Monroe	13	620	12/06/2021 1914	12/07/2021 0534
11858408-1	Berks	1	620	12/07/2021 0811	12/07/2021 1831
11857413-2	Berks	1	608	12/07/2021 0846	12/07/2021 1854
11857957-1	Berks	4	598	12/07/2021 0422	12/07/2021 1420
11858261-2	Berks	4	571	12/07/2021 1445	12/08/2021 0016
11856470-1	Northampton	9	542	12/06/2021 2107	12/07/2021 0609
11855540-1	Bucks	9	537	12/06/2021 1922	12/07/2021 0419
11855436-1	Monroe	12	519	12/06/2021 1911	12/07/2021 0350
11857176-1	Berks	11	487	12/07/2021 0550	12/07/2021 1357
11856758-1	Monroe	9	486	12/06/2021 2234	12/07/2021 0640
11857553-1	Bucks	1	467	12/07/2021 0928	12/07/2021 1715
11855248-1	Berks	61	466	12/06/2021 1838	12/07/2021 0224
11856652-1	Chester	18	452	12/06/2021 1906	12/07/2021 0238
11856884-1	Monroe	127	440	12/06/2021 1919	12/07/2021 0239
11856327-1	Berks	24	415	12/06/2021 1854	12/07/2021 0149
11858102-3	Berks	4	410	12/07/2021 1315	12/07/2021 2005
11855448-5	Berks	648	409	12/06/2021 1911	12/07/2021 0200
11857592-1	Berks	1	405	12/07/2021 0948	12/07/2021 1633
11855333-1	Berks	38	394	12/06/2021 1859	12/07/2021 0133
11857993-1	Berks	1	391	12/07/2021 1215	12/07/2021 1846
11857199-1	Berks	3	376	12/07/2021 0618	12/07/2021 1234
11857374-1	Bucks	1	370	12/07/2021 0829	12/07/2021 1439
11856242-1	Berks	37	367	12/06/2021 2040	12/07/2021 0247

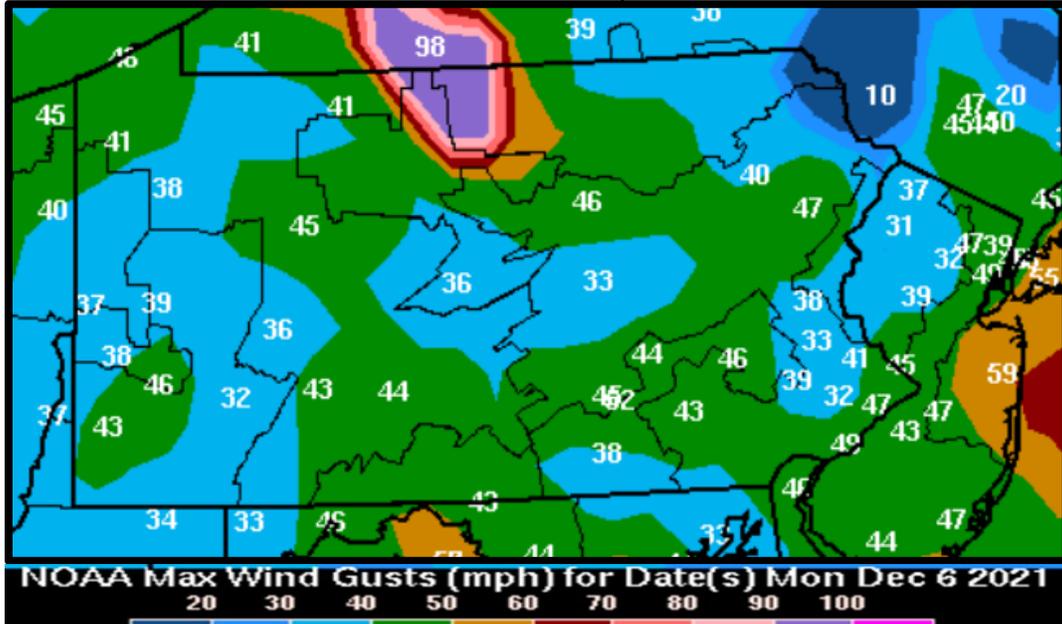
Met-Ed Storm Report

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
11855311-2	Adams	1	364	12/06/2021 1856	12/07/2021 0100
11855461-1	Monroe	15	363	12/06/2021 1918	12/07/2021 0121
11855551-1	Monroe	31	363	12/06/2021 1918	12/07/2021 0121

Attachment B: FirstEnergy Wind & Precipitation Reports

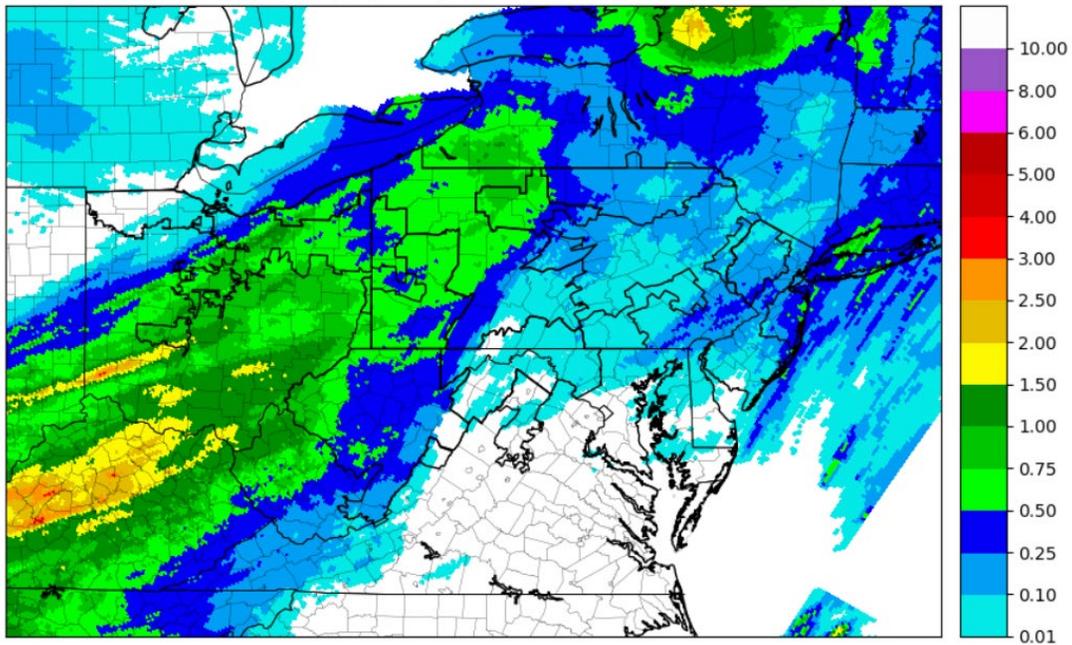
The graphics below illustrate the maximum wind gusts and precipitation totals in Pennsylvania and in the Met-Ed service territory on December 6, 2021. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

Maximum Wind Gusts: Monday, December 6, 2021

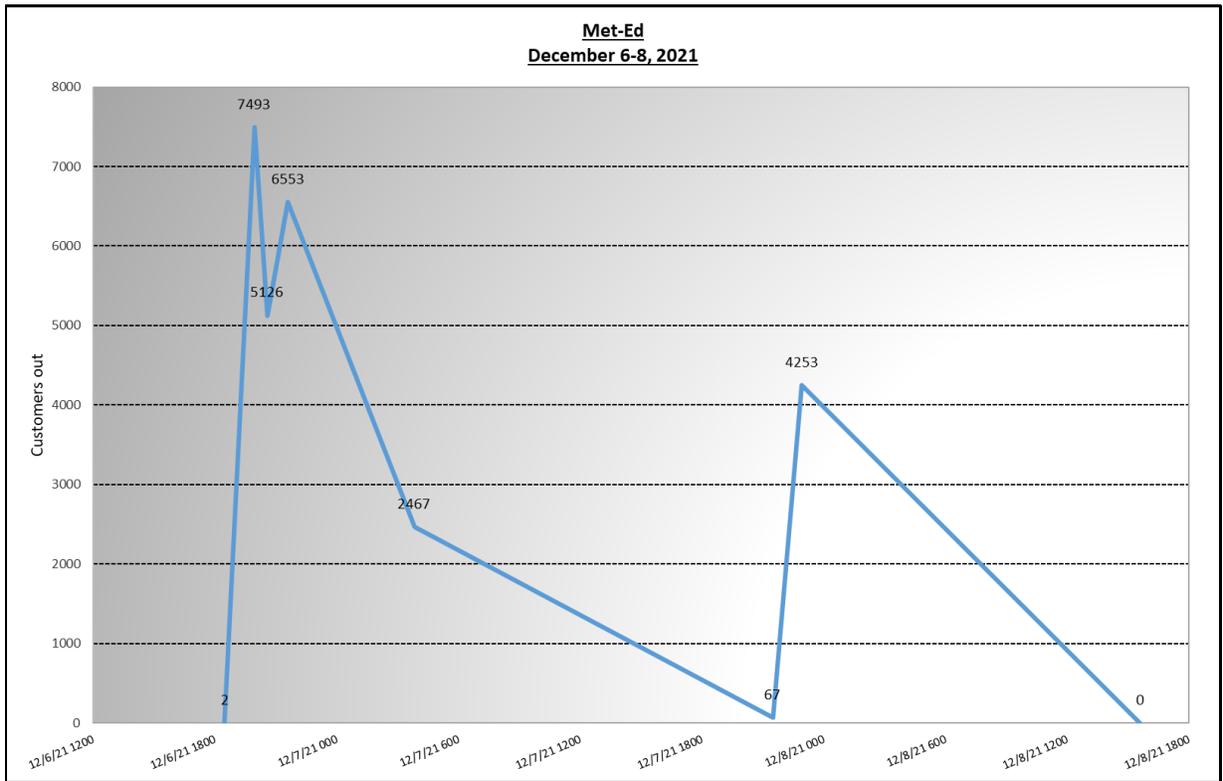


Precipitation Totals: Monday, December 6, 2021

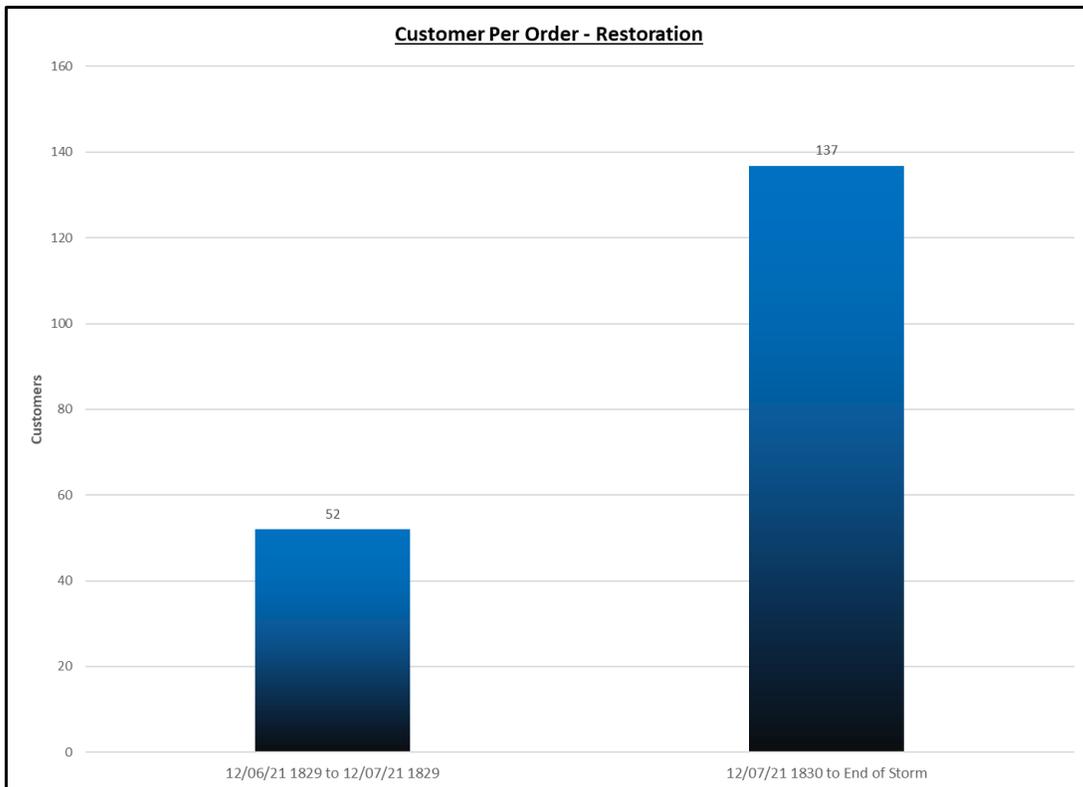
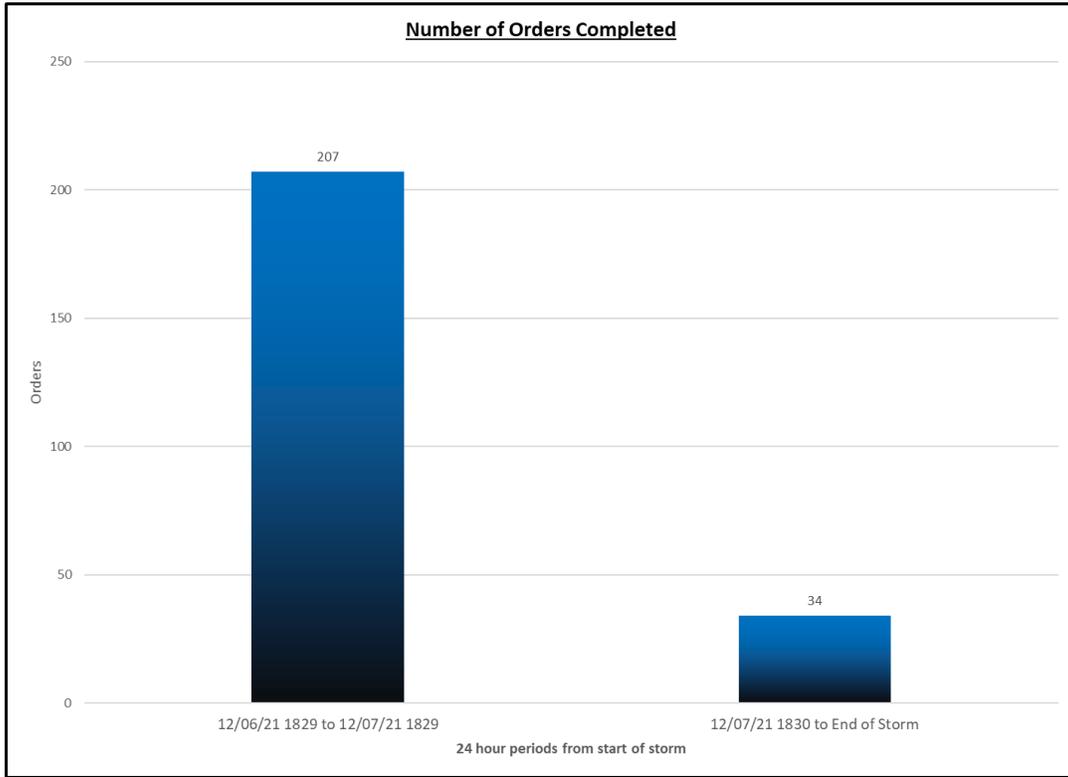
24 Hour Total Precipitation (Liquid Equivalent) for 06 Dec 21 from NOAA Stage 4



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



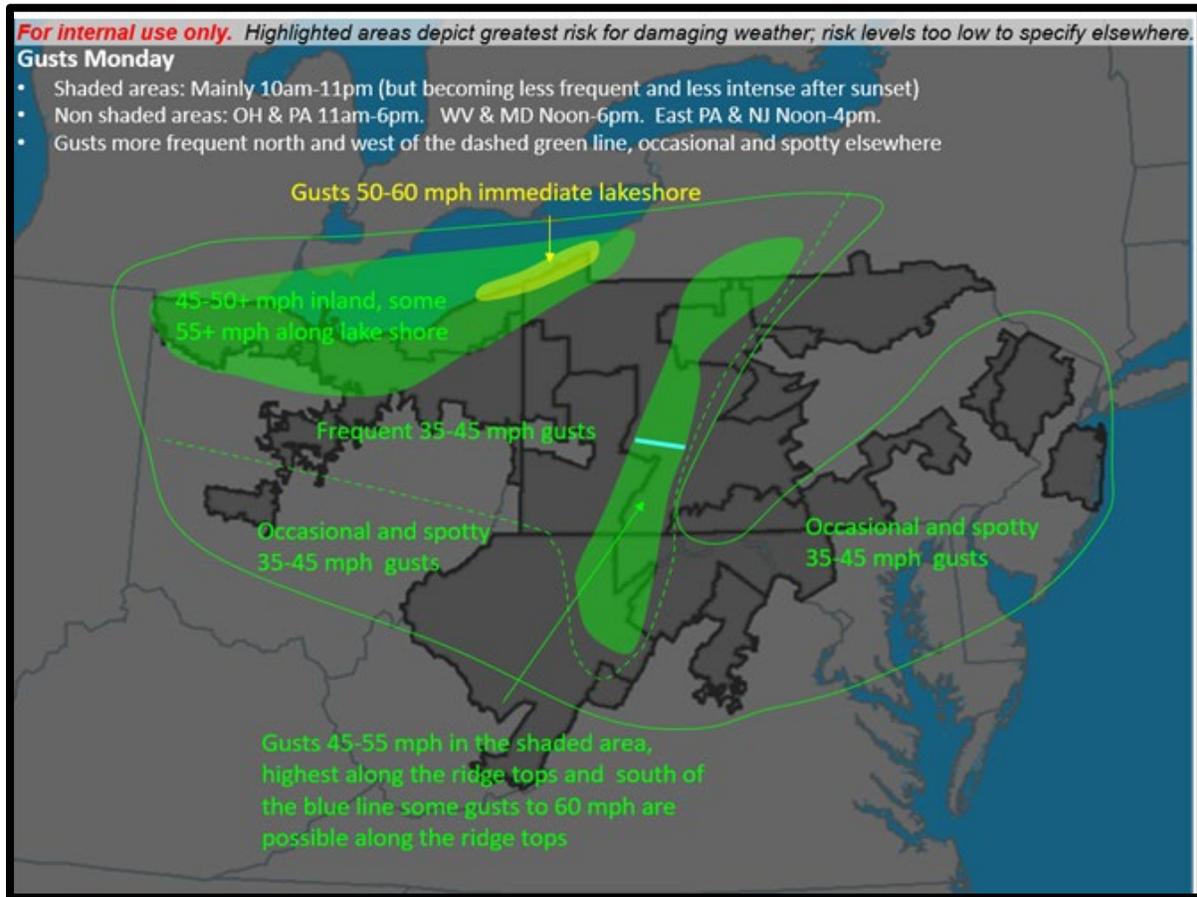
Attachment E: FirstEnergy Meteorologist Reports

Friday, December 3, 2021 at 1027

New Issuance:

Frontal passage introduces wind gusts Monday.

See graphic below for further information:

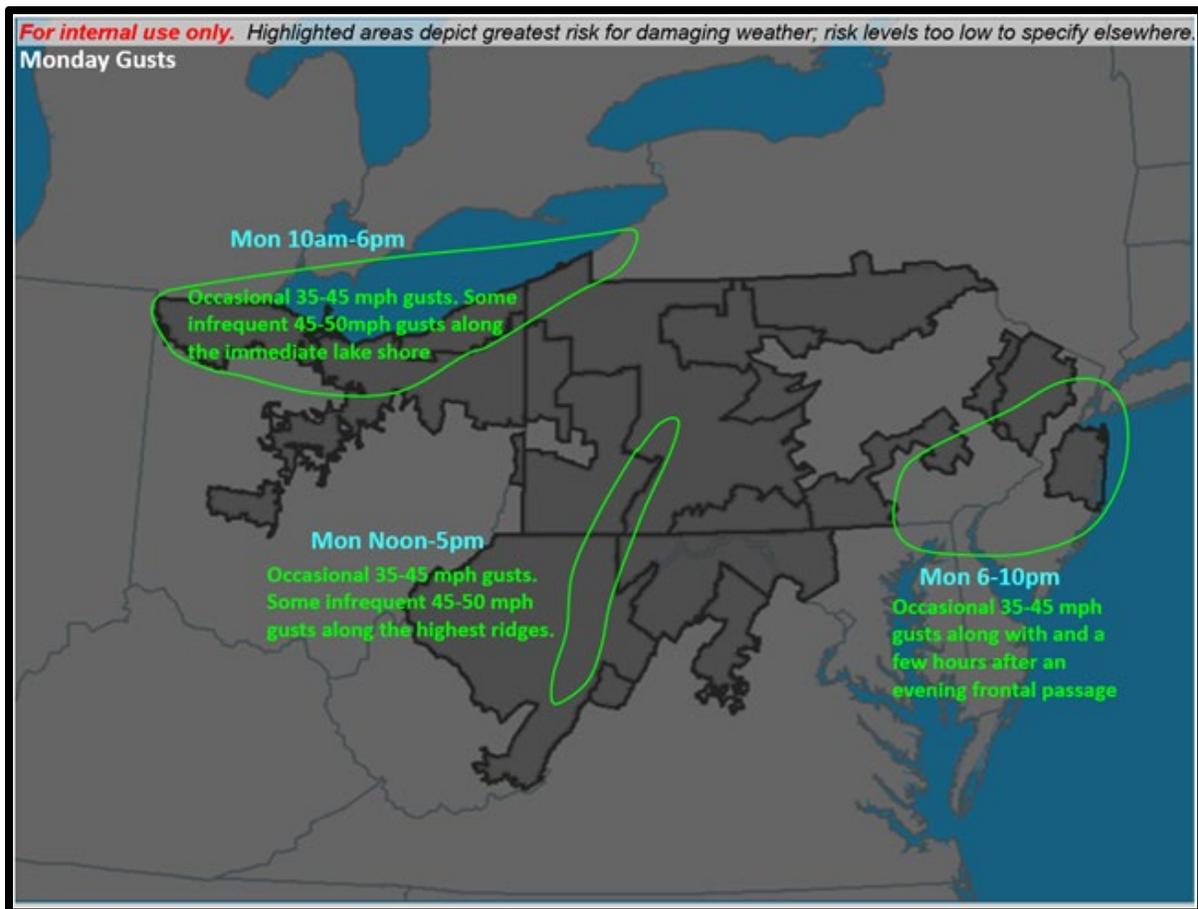


Saturday, December 4, 2021 at 0812

Update:

- 1) Major reduction in all threat areas and magnitudes
- 2) Persisted threats in OH/PA and lakeshore areas as well as elevations of WV/MD/PA ridges
- 3) Frontal passage will potentially introduce a short period of evening wind gusts in east PA and NJ
- 4) Removed mention of 1" rain

See graphic below for further information:

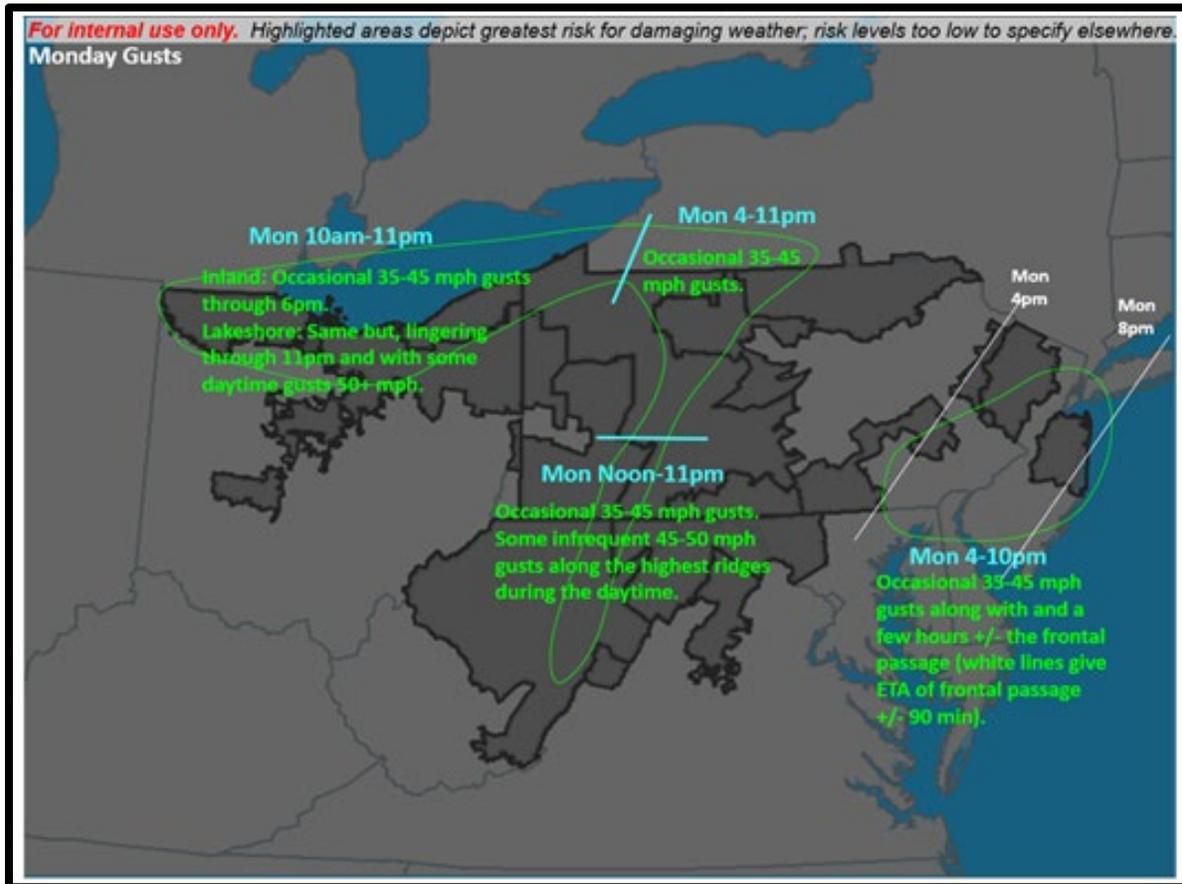


Sunday, December 5, 2021 at 0855

Update:

- 1) Expanded area to include north PA
- 2) Modified timing for all areas – including persisting lakeshore gusts into late Mon.
- 3) Added detail of wind gusts due to frontal passage in east PA and NJ. This front will be accompanied by a band of showers, possibly with a rumble of thunder.

See graphic below for further information:

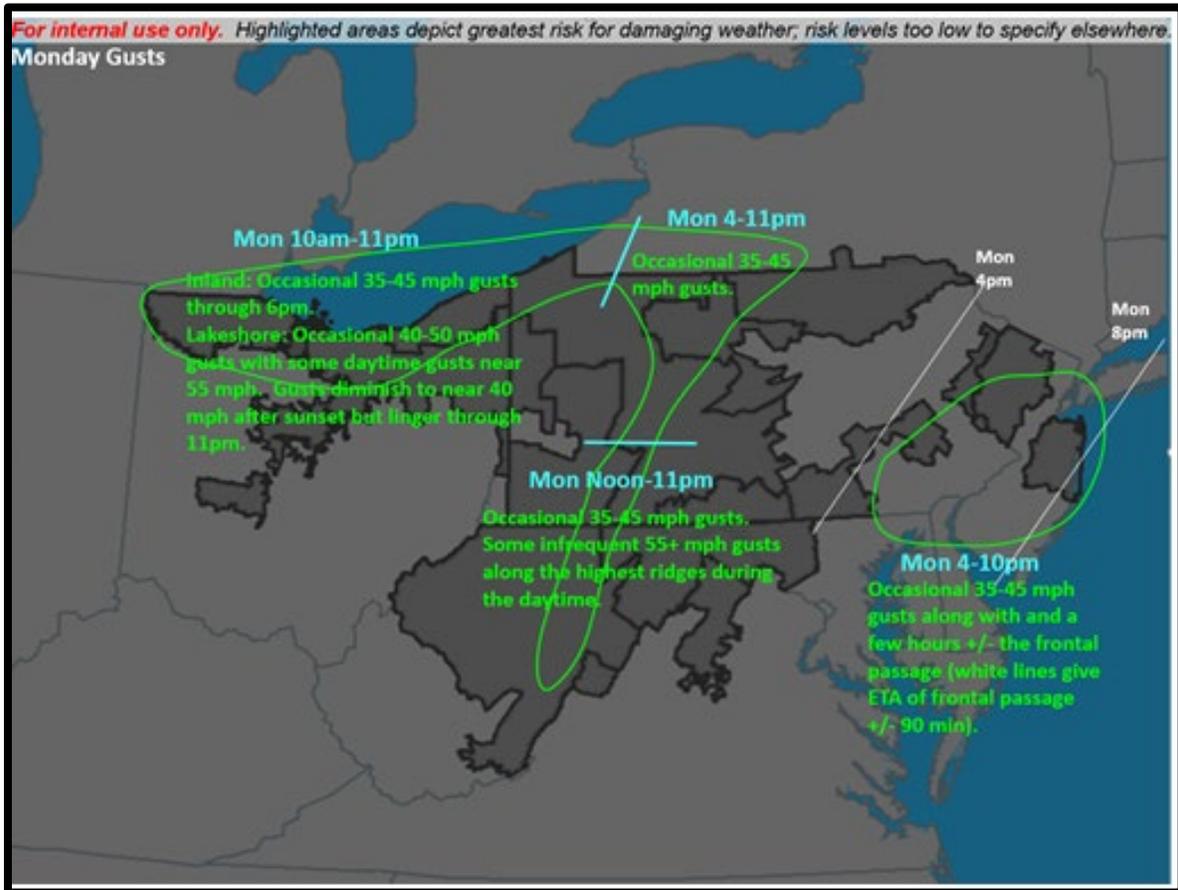


Sunday, December 5, 2021 at 1514

Update:

- 1) Increased gust magnitude by 5 mph along the lakeshore and ridge tops.
- 2) Slight modification to timing of front in east PA

See graphic below for further information:

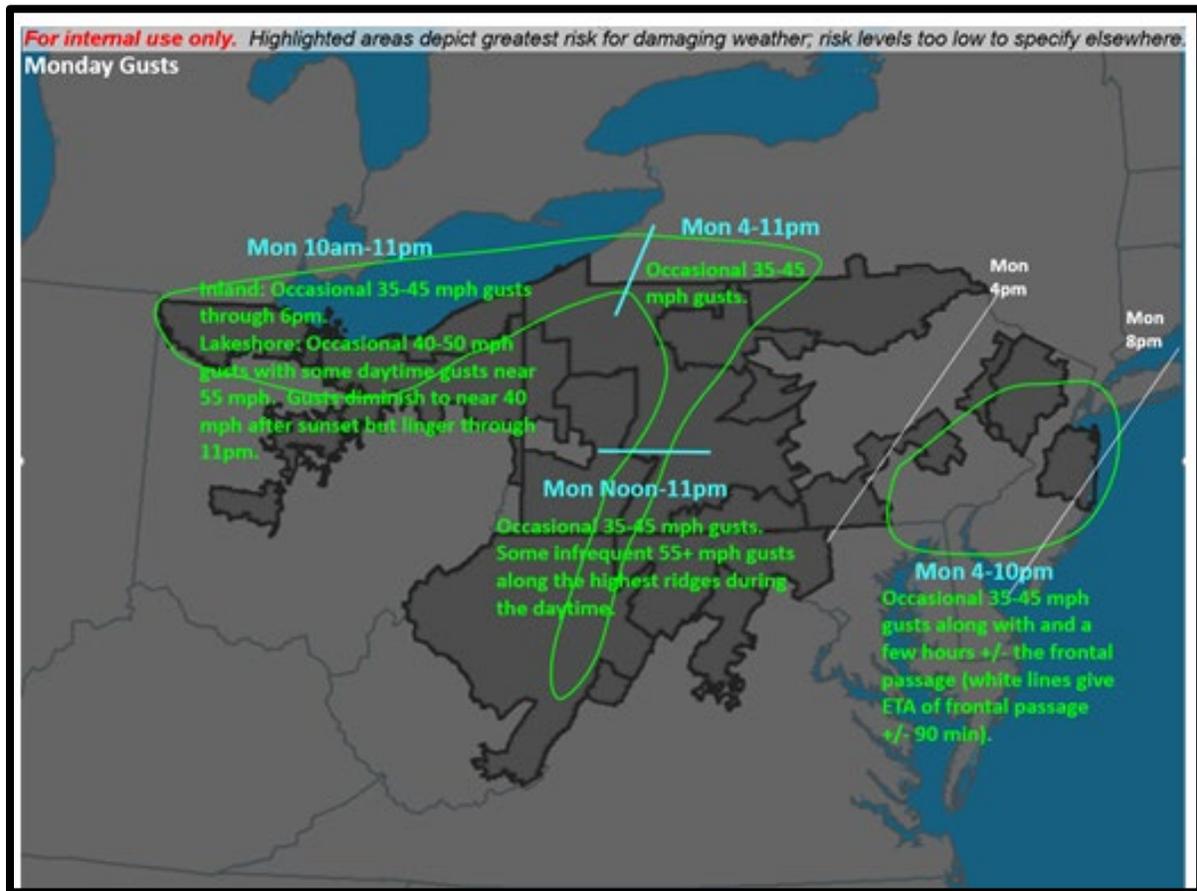


Sunday, December 5, 2021 at 1150

Update:

Along the lakeshore and up to 10 miles inland through north and northeast OH and into adjacent PA (Cleveland, Burke Lakefront, Ashtabula, Erie) the presently occurring 40-50 mph gusts are expected to diminish by 3 a.m., then, after a break, winds in the graphic will kick in as indicated.

See graphic below for further information:



Monday, December 6, 2021 at 0930

Update:

- 1) Expanded east PA threat area into east MD
- 2) Threat for daytime 55+ mph gusts along ridges extended north into central PA
- 3) Minor modifications to timing

See graphic below for further information:

