

Darsh Singh, Esq.
(610) 212-8331
(330) 315-9263 (Fax)

April 17, 2023

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 –
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 storm conditions that began on April 1, 2023 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) 212-8331.

Sincerely,



Darsh Singh

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 Bidelspach – 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 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:
April 1, 2023 2045
(Date) *(Time)*

5. Interruption or Outage:
 - (a) Number of customers affected: 18,728 (Represents 3.2% 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
Bucks	128	6	5
York	7,038	82	158
Pike	6	1	0
Adams	1,064	25	41
Dauphin	3,955	9	25
Cumberland	639	10	19
Berks	3,187	61	64
Lancaster	10	1	3
Montgomery	6	1	2
Lebanon	2,113	20	34
Northampton	135	6	15
Monroe	371	10	8
Lehigh	76	1	0
Bucks	128	6	5
	18,728	233	374

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 136

(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 Saturday morning, April 1, 2023, a weather system moved from west to east through Pennsylvania, including the Met-Ed service territory. The system produced rain and strong winds, with wind gusts exceeding 54 miles per hour. See Attachment B for the maximum wind gusts for April 1, 2023.

Damage as a result of the weather system included downed trees and wires, damaged or broken poles and crossarms, and damaged transformers. High winds affected restoration efforts as crews cannot safely handle materials if winds exceed 30 mph or operate bucket trucks if winds exceed 40 mph. The Hamburg, Lebanon, Reading, and York districts were the hardest hit. Approximately, 60.9% of the total outages that occurred were tree related.

Preliminary data indicates the reliability impact of the storm was 7.8 minutes of SAIDI, 0.03 of SAIFI frequency, and an overall storm CAIDI of 241.5 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1800 on April 3, 2023.

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
Met-Ed	113	Line Workers
Subtotal	113	
Haugland Energy Group LLC	6	Line Contractor
Henkels & McCoy - Eastern PA	7	Line Contractor
I.B. Abel	16	Line Contractor
JW Didado	8	Line Contractor
Miller Bros.	14	Line Contractor
NG Gilbert	14	Line Contractor
Thompson Electric	4	Line Contractor
Subtotal	69	
Davey	18	Forestry Contractor
Lewis Tree	67	Forestry Contractor
Nelson Tree	4	Forestry Contractor
York Tree 2	2	Forestry Contractor
Subtotal	91	
Met-Ed	30	Hazard Responders
Subtotal	30	
Met-Ed	19	Supporting Roles
Subtotal	19	
Grand Total	322	

- (i) The date and time of the first information of a service interruption: April 1, 2023 at 1529.
- (j) The date and time that repair crews were assembled: April 1, 2023 at 0700.
- (k) The actual time that service was restored to the last affected customer: April 3, 2023 at 1725.

- (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	115
Secondary Spans Down	23
Crossarms Replaced	43
Cutouts Replaced	33
Poles Replaced	45
Transformers Replaced	25
Wire & Cable Replaced (feet)	3,476

- (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 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 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
353580	Cumberland	1	2,512	04/01/2023 1913	04/03/2023 1305
356284	Adams	1	2,504	04/01/2023 2019	04/03/2023 1403
361870	Lebanon	1	2,356	04/01/2023 1951	04/03/2023 1107
357246	York	2	2,040	04/01/2023 2107	04/03/2023 0707
363468	Berks	1	1,864	04/02/2023 0832	04/03/2023 1536
358394	Berks	8	1,818	04/02/2023 0832	04/03/2023 1450
353878	Adams	2	1,785	04/01/2023 1934	04/03/2023 0119
358653	York	1	1,727	04/02/2023 0924	04/03/2023 1411
359115	York	2	1,648	04/01/2023 1850	04/02/2023 2218
356686	York	1	1,510	04/01/2023 2325	04/03/2023 0035
359148	Berks	6	1,499	04/01/2023 1906	04/02/2023 2005
353183	York	1	1,495	04/01/2023 1845	04/02/2023 1940
353659	Berks	6	1,480	04/01/2023 1920	04/02/2023 2000
353089	Adams	4	1,466	04/01/2023 1849	04/02/2023 1915
352291	York	1	1,448	04/01/2023 1806	04/02/2023 1814
356805	Berks	2	1,414	04/01/2023 2054	04/02/2023 2028
358300	Dauphin	1	1,409	04/01/2023 1953	04/02/2023 1922
357434	Berks	8	1,396	04/02/2023 0030	04/02/2023 2346
359923	Cumberland	67	1,350	04/01/2023 2018	04/02/2023 1848
357788	Adams	2	1,328	04/01/2023 2000	04/02/2023 1808
359023	York	2	1,322	04/01/2023 2103	04/02/2023 1905
355424	Adams	1	1,297	04/01/2023 2103	04/02/2023 1840
354610	Adams	1	1,287	04/01/2023 2015	04/02/2023 1742
353786	York	1	1,266	04/01/2023 1929	04/02/2023 1635
356166	York	2	1,257	04/01/2023 1845	04/02/2023 1542
355250	Lebanon	3	1,257	04/01/2023 2048	04/02/2023 1745
353061	York	4	1,241	04/01/2023 1849	04/02/2023 1530
355159	Lebanon	1	1,229	04/01/2023 2040	04/02/2023 1709
356247	Berks	11	1,218	04/01/2023 1958	04/02/2023 1616

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.

Metropolitan Edison 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
355357	Berks	34	1,215	04/01/2023 2057	04/02/2023 1712
352346	York	1	1,213	04/01/2023 1812	04/02/2023 1425
355570	Berks	9	1,202	04/01/2023 2113	04/02/2023 1715
355764	Adams	2	1,182	04/01/2023 1704	04/02/2023 1246
357108	Lebanon	8	1,175	04/01/2023 2315	04/02/2023 1850
351922	York	6	1,173	04/01/2023 1732	04/02/2023 1305
352111	York	41	1,171	04/01/2023 1744	04/02/2023 1315
353266	York	1	1,166	04/01/2023 1856	04/02/2023 1422
359199	Berks	1	1,163	04/01/2023 2147	04/02/2023 1710
353079	Lancaster	10	1,157	04/01/2023 1849	04/02/2023 1406
357789	Adams	2	1,150	04/01/2023 2000	04/02/2023 1510
359031	Berks	7	1,149	04/01/2023 2141	04/02/2023 1650
355446	York	12	1,145	04/01/2023 2105	04/02/2023 1610
358496	York	86	1,140	04/01/2023 1856	04/02/2023 1356
351915	Monroe	1	1,130	04/01/2023 1731	04/02/2023 1221
360347	Berks	1	1,121	04/01/2023 2124	04/02/2023 1605
352570	Cumberland	70	1,114	04/01/2023 1826	04/02/2023 1300
354764	Adams	5	1,102	04/01/2023 2020	04/02/2023 1442
353472	Berks	3	1,096	04/01/2023 1909	04/02/2023 1325
358559	York	4	1,085	04/01/2023 2039	04/02/2023 1444
355311	York	2	1,054	04/01/2023 2053	04/02/2023 1427
353256	York	13	1,044	04/01/2023 1856	04/02/2023 1220
356610	Berks	5	1,036	04/01/2023 2305	04/02/2023 1621
356373	Berks	10	1,028	04/01/2023 2222	04/02/2023 1530
354207	York	3	1,008	04/01/2023 1952	04/02/2023 1240
351907	York	88	1,007	04/01/2023 1731	04/02/2023 1018
354872	Adams	12	1,003	04/01/2023 2026	04/02/2023 1309
355409	Monroe	1	1,002	04/01/2023 1805	04/02/2023 1047
352666	York	58	1,000	04/01/2023 1835	04/02/2023 1115
359105	York	57	994	04/01/2023 1848	04/02/2023 1122
357219	Cumberland	334	990	04/01/2023 2015	04/02/2023 1245
352368	York	21	980	04/01/2023 1815	04/02/2023 1035
354706	Cumberland	17	976	04/01/2023 2018	04/02/2023 1234
357787	Adams	6	970	04/01/2023 2000	04/02/2023 1210

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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
355328	York	1	968	04/01/2023 2054	04/02/2023 1302
356423	York	28	966	04/01/2023 1850	04/02/2023 1056
355758	Berks	6	966	04/01/2023 2124	04/02/2023 1330
356152	Lebanon	12	965	04/01/2023 2201	04/02/2023 1406
353621	York	40	958	04/01/2023 1916	04/02/2023 1114
353743	Berks	92	957	04/01/2023 1906	04/02/2023 1103
355394	Berks	20	950	04/01/2023 2100	04/02/2023 1250
356653	Lebanon	18	949	04/01/2023 2317	04/02/2023 1506
357287	Berks	1	943	04/02/2023 0250	04/02/2023 1833
353010	York	2	928	04/01/2023 1846	04/02/2023 1014
353321	Berks	187	901	04/01/2023 1859	04/02/2023 1000
356874	Berks	16	899	04/01/2023 2143	04/02/2023 1242
353102	York	25	889	04/01/2023 1850	04/02/2023 0939
353819	Berks	6	885	04/01/2023 1930	04/02/2023 1015
355062	York	3	881	04/01/2023 2035	04/02/2023 1116
352341	Berks	3	880	04/01/2023 1811	04/02/2023 0851
355343	York	9	875	04/01/2023 2056	04/02/2023 1131
355307	Berks	16	871	04/01/2023 2052	04/02/2023 1123
355078	York	1	859	04/01/2023 2036	04/02/2023 1055
355842	Berks	34	845	04/01/2023 2130	04/02/2023 1135
355011	York	97	840	04/01/2023 2032	04/02/2023 1032
355261	Adams	10	834	04/01/2023 2048	04/02/2023 1042
354979	York	106	828	04/01/2023 2031	04/02/2023 1019
355679	Berks	10	824	04/01/2023 2119	04/02/2023 1103
359242	Berks	19	824	04/01/2023 2141	04/02/2023 1125
356073	Berks	10	824	04/01/2023 2151	04/02/2023 1135
356001	York	2	814	04/01/2023 2141	04/02/2023 1115
352987	York	8	812	04/01/2023 1845	04/02/2023 0817
356049	Berks	7	811	04/01/2023 2147	04/02/2023 1118
353039	York	37	809	04/01/2023 1848	04/02/2023 0817
353136	York	45	809	04/01/2023 1851	04/02/2023 0820
353012	York	19	806	04/01/2023 1846	04/02/2023 0812
354580	Adams	38	799	04/01/2023 2012	04/02/2023 0931
357367	Berks	2	797	04/02/2023 0313	04/02/2023 1630

Metropolitan Edison 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
355949	Berks	209	796	04/01/2023 2137	04/02/2023 1053
355429	York	8	787	04/01/2023 2103	04/02/2023 1010
361917	Lebanon	1	777	04/02/2023 2028	04/03/2023 0925
353662	Lebanon	64	774	04/01/2023 1920	04/02/2023 0814
355066	York	11	770	04/01/2023 2035	04/02/2023 0925
357416	Cumberland	2	767	04/02/2023 0344	04/02/2023 1631
356027	Montgomery	6	752	04/01/2023 2143	04/02/2023 1015
355624	York	4	735	04/01/2023 2116	04/02/2023 0931
355413	York	389	713	04/01/2023 2102	04/02/2023 0855
356666	Adams	346	709	04/01/2023 2004	04/02/2023 0753
355450	York	20	700	04/01/2023 2105	04/02/2023 0845
355196	York	21	687	04/01/2023 2043	04/02/2023 0810
357836	York	1	678	04/02/2023 0625	04/02/2023 1743
356022	Berks	48	651	04/01/2023 2143	04/02/2023 0834
356153	Berks	6	651	04/01/2023 2201	04/02/2023 0852
357425	York	4	643	04/02/2023 0347	04/02/2023 1430
356736	Berks	18	613	04/01/2023 2336	04/02/2023 0949
356508	Berks	15	595	04/01/2023 2243	04/02/2023 0838
358132	York	1	588	04/02/2023 0632	04/02/2023 1620
358514	Berks	4	572	04/02/2023 0858	04/02/2023 1830
352643	Bucks	19	551	04/01/2023 1829	04/02/2023 0340
357155	Dauphin	6	537	04/02/2023 0133	04/02/2023 1030
359216	York	1	535	04/02/2023 1122	04/02/2023 2017
352660	York	6	510	04/01/2023 1835	04/02/2023 0305
357656	York	4	507	04/02/2023 0515	04/02/2023 1342
354553	Dauphin	88	505	04/01/2023 1955	04/02/2023 0420
357106	York	45	483	04/02/2023 0115	04/02/2023 0918
354366	Adams	114	480	04/01/2023 2000	04/02/2023 0400
359279	Adams	3	468	04/02/2023 1145	04/02/2023 1933
358720	Adams	1	457	04/02/2023 0934	04/02/2023 1711
361199	Berks	1	453	04/02/2023 0927	04/02/2023 1700
356918	Berks	59	447	04/01/2023 2230	04/02/2023 0557
355543	York	3	445	04/01/2023 2111	04/02/2023 0436
351906	Northampton	79	440	04/01/2023 1730	04/02/2023 0050

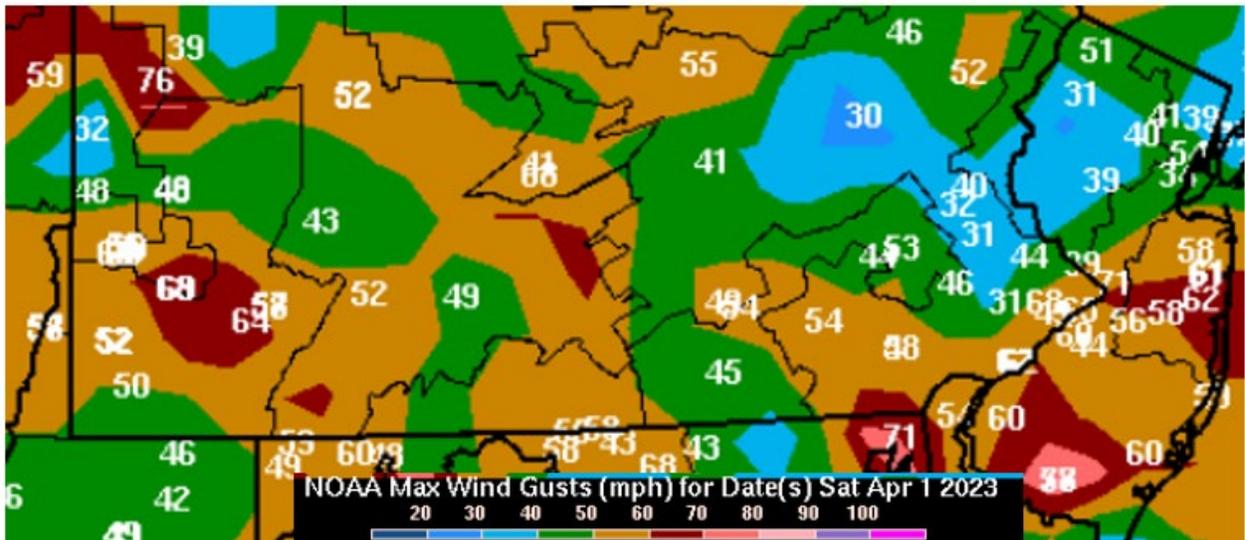
Metropolitan Edison Report

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
355716	Berks	14	426	04/01/2023 2121	04/02/2023 0427
355076	York	5	399	04/01/2023 2036	04/02/2023 0315
357426	Monroe	6	377	04/02/2023 0347	04/02/2023 1004
356672	Adams	27	370	04/01/2023 2023	04/02/2023 0233
360451	Lebanon	2	366	04/02/2023 1422	04/02/2023 2028

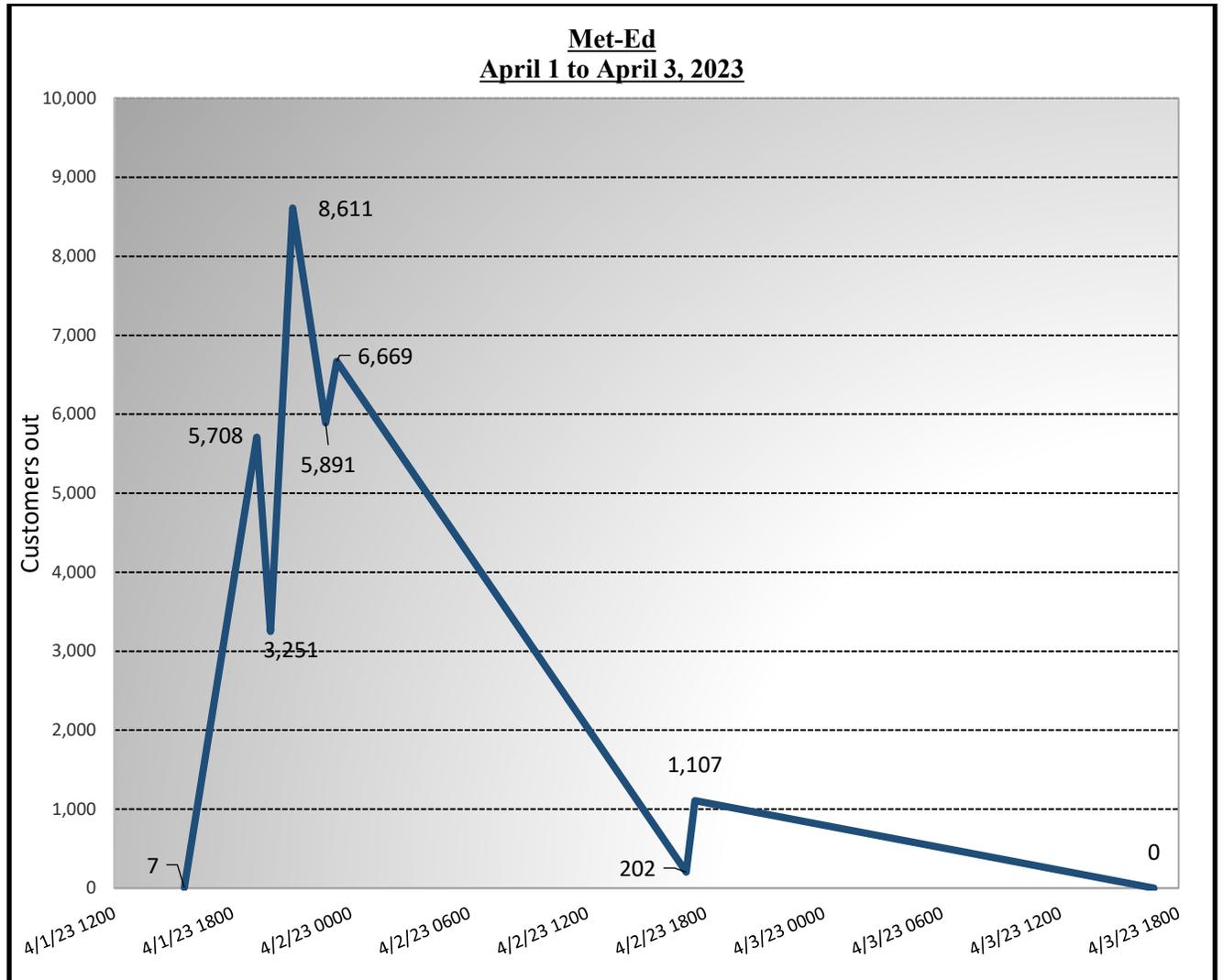
Attachment B: Wind Report

Wind Report: Graphic 1 illustrates the maximum wind gusts in the Met-Ed service territory on April 1, 2023. The graphic is from the National Oceanic and Atmospheric Administration (“NOAA”).

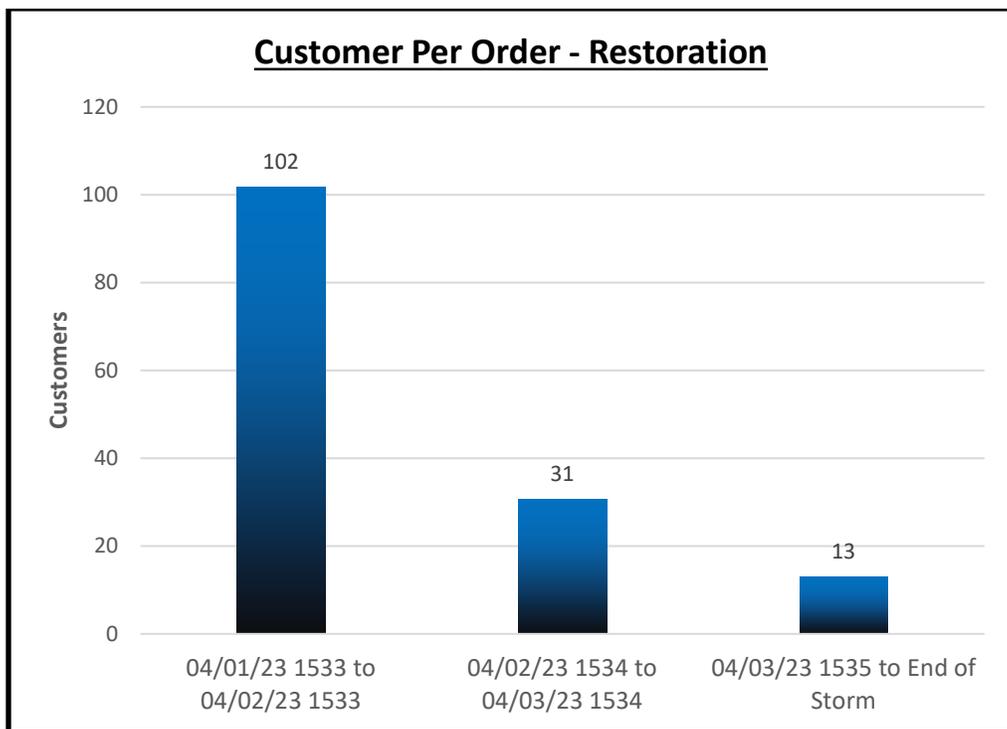
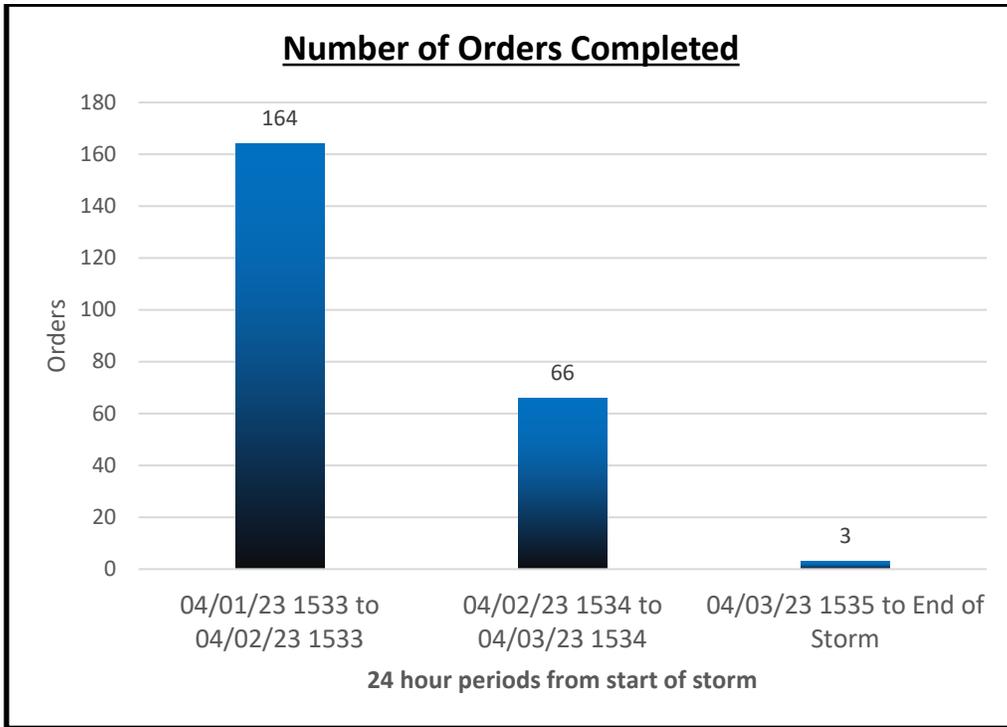
Graphic 1: Wind Gusts – Saturday, April 1, 2023



Attachment C: Order Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: Meteorologist Reports

Tuesday, March 28, 2023 @ 0941

Special Weather Statement - Saturday:

Weather system expected this Saturday has the potential to produce a day's worth of strong wind gusts. A preliminary cut at general threats are provided in the graphic.

We have some confidence the best chance for strongest gusts will be where the front passes during afternoon hours.

However, we don't have confidence yet with the position and timing of the front itself - critical for the details (will get more clarity as the event draws closer).

Therefore a rough starting point estimate of gust magnitudes are 45-55 mph in locations where the front passes through before midday and elsewhere the same plus some 55-65+ mph gusts. Also areas where the front arrives earlier in the day implies a longer duration of wind gusts and vice versa (because generally after sunset the gusts will shut off except the typical ridge tops of WV/MD/PA)

See graphics below for further information.



Wednesday, March 29, 2023 @ 1037

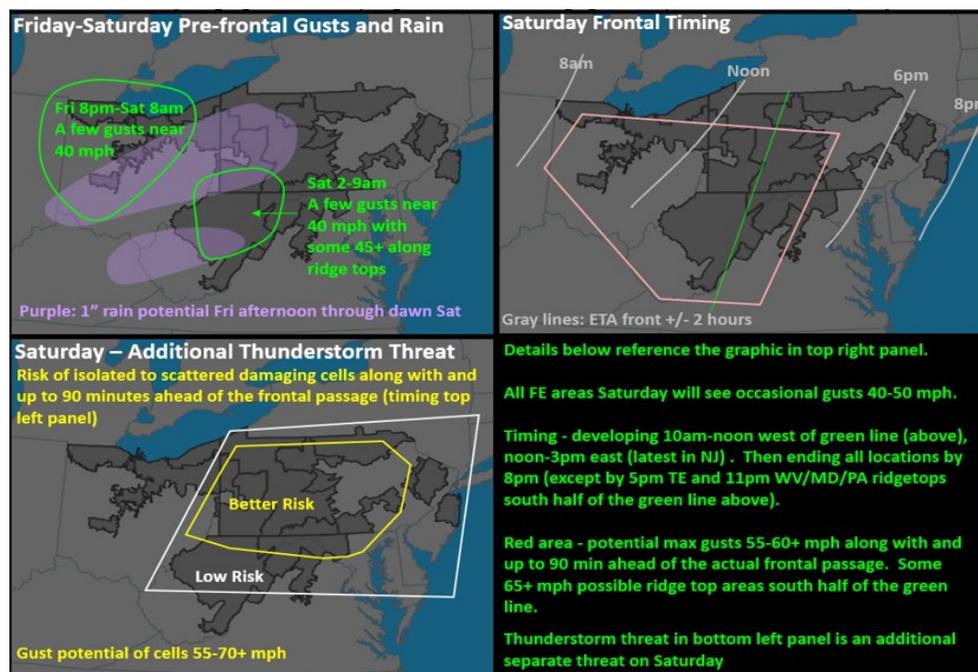
Changes (relative to yesterday’s Special Weather Statement):

1. Friday - added details for nuisance gust threat combined with 1” rain potential. Confidence is normal with this panel.
2. Saturday
 - a. Delayed front’s arrival by 2 hours all locations. Confidence is normal for top right panel.
 - b. Added details for non-thunderstorm gusts and an additional thunderstorm risk. Confidence is slightly below normal for bottom left panel (too far out still to discern details and quantify risk regarding thunder)

Although this is not a cut/paste event from last weekend – it has a lot of the same attributes (preceding rain, non-thunderstorm gusts, thunderstorm threat, skies clearing out a few hours before the front arrives). But by comparison the window for max winds this event is going to be tied with the frontal passage itself (a 1–2-hour window) vs last weekend’s long period of 60+ mph gusts.

Regardless, this Saturday before and after that window of max gusts, there will be occasional gusts 40-50 mph through late afternoon. And the threat does extend farther east than last weekend’s event.

See graphics below for further information.



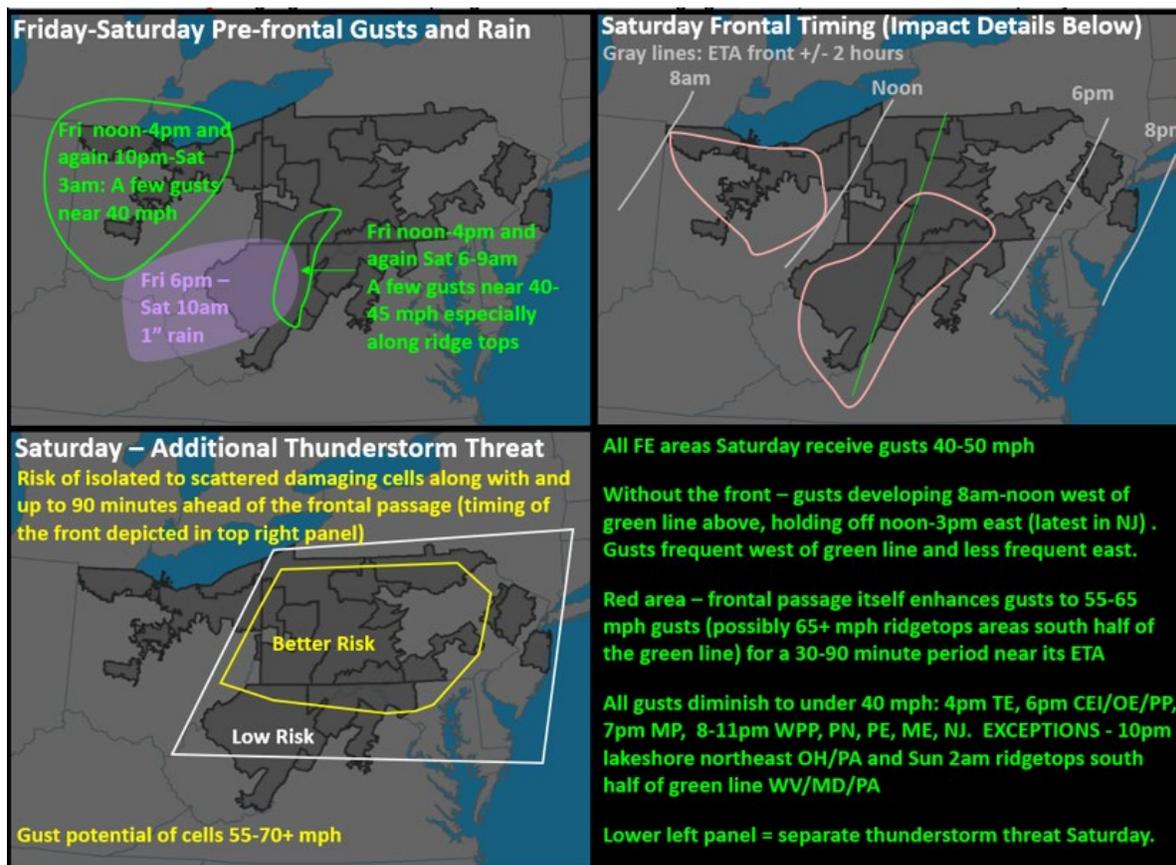
Thursday, March 30, 2023 @ 0914

Changes: Overall slight improvement to the forecast. Big picture still - general 40-50 mph gusts most of Saturday will get enhanced for a short period by two causes: the frontal passage itself (expected) and any thunderstorms (low risk)

1. Friday: Added a period of gusts in the afternoon, reduced area of gusts in WV/PA/MD, eliminated north area of 1”+ rain potential. Confidence is normal with this panel.
2. Saturday: Fine-tuned frontal timing, trimmed area (red) for highest gusts, diminished frequency of gusts east half of FE. Confidence is normal with this panel.
 - a. It is still too far into the future to quantify the thunderstorm risk Saturday. We will be able to do so in tomorrow’s update but an initial ball-park estimate is no higher than 30% in the yellow area and about half that in the white area.

Reiterating - FE is expected to receive what is detailed in the bottom right panel. The thunder threat is an additional lower risk threat.

See graphics below for further information.

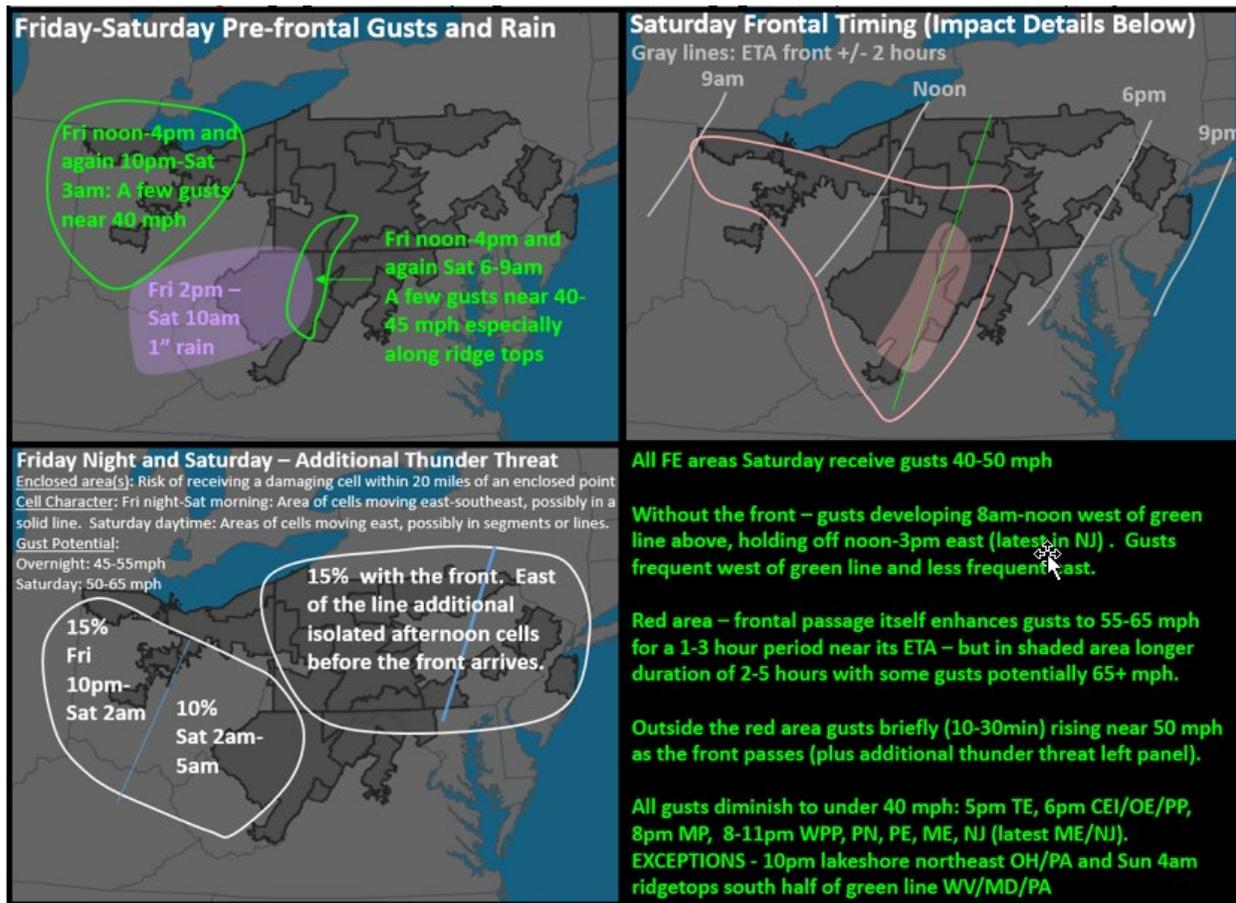


Friday, March 31, 2023 @ 0856

Changes

1. Today: Added thunder threat this evening/overnight OH and WV/southwest PA. Fine-tuned 1”+ rain window. Confidence is normal with this panel except with how far east thunder threat extends.
2. Saturday: Fine tuned timing of front. Extended duration of strong wind gusts significantly (by a 2-3 hours) in red area. Added details for thunderstorm risk. Confidence is normal with this panel except for thunder threat which confidence is slightly below normal.

See graphics below for further information.



Saturday, April 1, 2023 @ 0846

Changes: Fine-tuned timing of front, duration of strong winds and added details for thunderstorm risk. Confidence is normal with this graphic.

Note: The northern tier of OH and PA will see .25-.50" rain Mon 5pm-Tue 5am and we are monitoring a frontal passage mid-week for its potential to produce thunder.

See graphic below for further information.

