FirstEnergy

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February 1, 2022

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 January 16, 2022 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 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 *(Name)* — President, Pennsylvania Operations *(Title)*

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

4. Date and time report was made to Commission:

January 17, 2022 *(Date)* — 0553 *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 15,030

(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	194	10	9
Berks	3,631	83	44
Bucks	110	8	3
Chester	23	1	1
Cumberland	261	4	6
Dauphin	288	9	4

Lancaster	1119	5	3
Lebanon	3925	42	33
Lehigh	303	6	0
Monroe	66	2	0
Montgomery	35	2	4
Northampton	220	6	10
Pike	79	2	2
York	4776	75	74
TOTAL	15,030	255	193

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 172

(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 Sunday afternoon January 16, 2022, a winter storm moved through Pennsylvania, including the Met-Ed service territory. The system produced windy conditions and an estimated six inches of heavy wet snow. See Attachment B for the maximum wind gusts and 24-hour total precipitation for January 16, 2022.

Damage as a result of the high winds included downed trees, broken poles, broken crossarms, and down conductors. The Lebanon, Boyertown and York regions were the hardest hit. Approximately 62% of the total outages that occurred were tree related.

Preliminary data indicates that this outage resulted in approximately 9.9 minutes of SAIDI, 378.7 minutes of CAIDI, and 0.026 minutes of SAIFI impact.

(g) Projected time of restoration: It was estimated that the majority of customers would be restored by 1800 on January 18, 2022.

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	154	Line Contractor
Subtotal	**154**	
Haugland	9	Line Contractor
Henkel & McCoy	10	Line Contractor
JWD	19	Line Contractor
Matrix	5	Line Contractor
Miller Brothers	28	Line Contractor
NG Gilbert	14	Line Contractor
Subtotal	**85**	
Lewis Tree	28	Forestry Contractor
Penn Line Services, Inc.	35	Forestry Contractor
Treesmiths	47	Forestry Contractor
Wright Tree Service - Ohio	6	Forestry Contractor
Davey Tree Experts	10	Forestry Contractor
Nelson Tree Service	13	Forestry Contractor
York Tree Service	9	Forestry Contractor
Subtotal	**148**	Forestry Contractor
Met-Ed	5	
Subtotal	**5**	Forestry Contractor
Grand Total	**392**	

(i) The date and time of the first information of a service interruption: January 16, 2022 at 2149.

(j) The date and time that repair crews were assembled: Crews were on duty and pre-staged in anticipation of the inclement weather with additional crews brought in to support restoration.

(k) The actual time that service was restored to the last affected customer: January 18, 2022 at 1635.

(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	70
Secondary Spans Down	20
Crossarms Replaced	30
Cutouts Replaced	46
Poles Replaced	15
Transformers Replaced	9
Wire & Cable Replaced (feet)	3,156

(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.

(n) 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 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
11892469-2	Berks	1	2,505	01/16/2022 2250	01/18/2022 1635
11892469-2	Berks	8	2,248	01/16/2022 2250	01/18/2022 1218
11892075-2	Lebanon	7	2,185	01/17/2022 0036	01/18/2022 1301
11892411-2	Lebanon	1	2,066	01/17/2022 0151	01/18/2022 1217
11892459-3	Lebanon	22	2,043	01/17/2022 0205	01/18/2022 1208
11892910-2	Dauphin	5	1,894	01/17/2022 0507	01/18/2022 1241
11893870-3	Lebanon	4	1,837	01/17/2022 0245	01/18/2022 0922
11892943-1	Berks	1	1,816	01/17/2022 0524	01/18/2022 1140
11894513-3	Lebanon	12	1,782	01/17/2022 0453	01/18/2022 1035
11894513-3	Lebanon	5	1,778	01/17/2022 0453	01/18/2022 1031
11894154-4	Berks	1	1,739	01/17/2022 0735	01/18/2022 1234
11893130-1	Berks	1	1,713	01/17/2022 0703	01/18/2022 1136
11891984-1	Berks	4	1,543	01/16/2022 2151	01/17/2022 2334
11893374-4	Berks	7	1,540	01/17/2022 0308	01/18/2022 0448
11893606-2	Lebanon	1	1,495	01/17/2022 0927	01/18/2022 1022
11892124-2	Lebanon	44	1,386	01/17/2022 0051	01/17/2022 2357
11894567-1	Lebanon	1	1,376	01/17/2022 1218	01/18/2022 1114
11892124-2	Lebanon	55	1,351	01/17/2022 0051	01/17/2022 2322
11892461-1	York	1	1,323	01/17/2022 0206	01/18/2022 0009
11892469-1	Berks	1	1,311	01/16/2022 2250	01/17/2022 2041
11893129-2	Lebanon	4	1,306	01/17/2022 0222	01/18/2022 0008
11892469-1	Berks	60	1,280	01/16/2022 2250	01/17/2022 2010
11893406-2	Adams	1	1,265	01/17/2022 0839	01/18/2022 0544
11892424-2	York	1	1,259	01/17/2022 0154	01/17/2022 2253
11893426-3	Berks	10	1,259	01/17/2022 0427	01/18/2022 0126
11892987-1	Adams	1	1,216	01/17/2022 0554	01/18/2022 0210
11894634-2	York	6	1,181	01/17/2022 1754	01/18/2022 1335
11894294-2	Berks	4	1,148	01/17/2022 1608	01/18/2022 1116
11892746-2	Dauphin	7	1,137	01/17/2022 0350	01/17/2022 2247
11894513-2	Lebanon	57	1,097	01/17/2022 0453	01/17/2022 2310

[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.

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
11891949-1	Lebanon	29	1,095	01/16/2022 2321	01/17/2022 1736
11894513-1	Lebanon	30	1,091	01/17/2022 0453	01/17/2022 2304
11892107-2	Adams	2	1,080	01/17/2022 0045	01/17/2022 1845
11892000-1	Lebanon	7	1,077	01/17/2022 0003	01/17/2022 1800
11894578-1	Lebanon	5	1,072	01/17/2022 2029	01/18/2022 1421
11892447-2	York	1	1,068	01/17/2022 0200	01/17/2022 1948
11893539-3	York	12	1,064	01/17/2022 0117	01/17/2022 1901
11892250-2	York	6	1,064	01/17/2022 0119	01/17/2022 1903
11892212-1	York	1	1,061	01/17/2022 0110	01/17/2022 1851
11894600-3	Lebanon	3	1,060	01/17/2022 2113	01/18/2022 1453
11893039-1	Lebanon	11	1,041	01/17/2022 0045	01/17/2022 1806
11894130-1	York	4	1,030	01/17/2022 0050	01/17/2022 1800
11892549-4	York	1	1,029	01/17/2022 0115	01/17/2022 1824
11892495-1	Berks	9	1,001	01/17/2022 0223	01/17/2022 1904
11892530-1	Berks	1	999	01/17/2022 0234	01/17/2022 1913
11893236-1	York	1	998	01/17/2022 0746	01/18/2022 0024
11893106-1	Berks	1	988	01/17/2022 0702	01/17/2022 2330
11893973-1	Berks	4	985	01/17/2022 0235	01/17/2022 1900
11894249-1	York	82	963	01/17/2022 0113	01/17/2022 1716
11894064-1	Berks	83	959	01/17/2022 0245	01/17/2022 1844
11892630-2	York	1	958	01/17/2022 0308	01/17/2022 1906
11893820-3	Berks	5	949	01/17/2022 0231	01/17/2022 1820
11893617-1	Berks	88	944	01/16/2022 2303	01/17/2022 1447
11894270-1	York	72	933	01/17/2022 0110	01/17/2022 1643
11892983-1	Dauphin	1	916	01/17/2022 0552	01/17/2022 2108
11892543-1	Lebanon	34	906	01/17/2022 0238	01/17/2022 1744
11892216-1	York	7	905	01/17/2022 0100	01/17/2022 1605
11892548-1	York	2	903	01/17/2022 0122	01/17/2022 1625
11892924-2	York	1	903	01/17/2022 0512	01/17/2022 2015
11892588-1	Berks	1	884	01/17/2022 0255	01/17/2022 1739
11892105-2	Lebanon	3	883	01/17/2022 0047	01/17/2022 1530
11892456-3	York	1	882	01/17/2022 0204	01/17/2022 1646
11893527-1	Lebanon	1	881	01/17/2022 0938	01/18/2022 0019
11892326-1	Berks	91	869	01/17/2022 0129	01/17/2022 1558
11892551-3	York	113	867	01/17/2022 0110	01/17/2022 1537

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
11891858-2	Berks	106	863	01/16/2022 2149	01/17/2022 1212
11892323-3	Lancaster	159	857	01/17/2022 0128	01/17/2022 1545
11892260-1	York	7	855	01/17/2022 0046	01/17/2022 1501
11892127-3	York	137	851	01/17/2022 0049	01/17/2022 1500
11892599-2	York	1	843	01/17/2022 0259	01/17/2022 1702
11892179-1	York	32	841	01/17/2022 0102	01/17/2022 1503
11892850-1	Lebanon	5	841	01/17/2022 0615	01/17/2022 2016
11893072-2	Lebanon	9	836	01/17/2022 0637	01/17/2022 2033
11894189-1	Dauphin	18	833	01/17/2022 0209	01/17/2022 1602
11892414-1	Dauphin	10	830	01/17/2022 0147	01/17/2022 1537
11894060-1	York	38	829	01/17/2022 0131	01/17/2022 1520
11894470-2	Chester	23	828	01/17/2022 1823	01/18/2022 0811
11892121-1	Berks	60	826	01/17/2022 0051	01/17/2022 1437
11892495-1	Berks	36	817	01/17/2022 0223	01/17/2022 1600
11892546-1	York	60	815	01/17/2022 0109	01/17/2022 1444
11894299-3	York	1	813	01/17/2022 1611	01/18/2022 0544
11893902-1	York	232	813	01/17/2022 0057	01/17/2022 1430
11892814-2	Berks	114	813	01/17/2022 0410	01/17/2022 1743
11893519-1	Berks	111	803	01/17/2022 0115	01/17/2022 1438
11892459-1	Lebanon	24	797	01/17/2022 0205	01/17/2022 1522
11893637-1	Lebanon	27	797	01/17/2022 0143	01/17/2022 1500
11892178-2	York	5	790	01/17/2022 0102	01/17/2022 1412
11894439-1	Lancaster	1	787	01/17/2022 1754	01/18/2022 0701
11892549-1	York	83	783	01/17/2022 0115	01/17/2022 1418
11892439-1	Dauphin	18	776	01/17/2022 0157	01/17/2022 1453
11891994-1	Berks	28	770	01/16/2022 2345	01/17/2022 1235
11892008-1	Berks	4	768	01/17/2022 0126	01/17/2022 1414
11893190-1	York	1	766	01/17/2022 0726	01/17/2022 2012
11894541-3	York	1	764	01/17/2022 1950	01/18/2022 0834
11893522-2	Bucks	1	761	01/17/2022 0935	01/17/2022 2216
11893815-1	Lebanon	56	756	01/17/2022 0052	01/17/2022 1328
11892522-1	Berks	4	725	01/17/2022 0231	01/17/2022 1436
11893310-1	Berks	4	713	01/17/2022 0336	01/17/2022 1529
11892071-1	York	1	709	01/17/2022 0036	01/17/2022 1225
11892067-1	Adams	7	699	01/17/2022 0034	01/17/2022 1213

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
11892130-2	Berks	36	698	01/17/2022 0052	01/17/2022 1230
11893121-1	Berks	12	687	01/17/2022 0128	01/17/2022 1255
11894554-1	York	6	687	01/17/2022 0918	01/17/2022 2045
11892743-1	Lebanon	2	669	01/17/2022 0349	01/17/2022 1458
11893877-1	York	61	664	01/17/2022 0144	01/17/2022 1248
11892142-3	York	51	662	01/17/2022 0057	01/17/2022 1159
11893481-1	Berks	6	660	01/17/2022 0135	01/17/2022 1235
11892200-2	York	61	653	01/17/2022 0105	01/17/2022 1158
11894206-1	Montgomery	1	645	01/17/2022 0713	01/17/2022 1758
11892289-1	York	14	642	01/17/2022 0115	01/17/2022 1157
11892925-1	Berks	2	641	01/17/2022 0512	01/17/2022 1553
11892214-1	Lebanon	49	634	01/17/2022 0106	01/17/2022 1140
11894553-1	Lebanon	1	634	01/17/2022 1958	01/18/2022 0632
11893502-1	Berks	3	629	01/17/2022 0249	01/17/2022 1318
11894621-1	Lancaster	2	629	01/17/2022 2237	01/18/2022 0906
11892209-1	York	9	627	01/17/2022 0108	01/17/2022 1135
11892124-2	Lebanon	443	625	01/17/2022 0051	01/17/2022 1116
11892843-1	Adams	1	624	01/17/2022 0426	01/17/2022 1450
11894294-1	Berks	21	602	01/17/2022 1608	01/18/2022 0210
11893151-1	Berks	1	587	01/17/2022 0708	01/17/2022 1655
11893221-2	York	1	587	01/17/2022 0739	01/17/2022 1726
11892283-1	Berks	19	579	01/17/2022 0121	01/17/2022 1100
11892881-1	Berks	13	573	01/17/2022 0459	01/17/2022 1432
11894017-1	Northampton	1	573	01/17/2022 1310	01/17/2022 2243
11893016-1	York	9	571	01/17/2022 0134	01/17/2022 1105
11893807-2	Bucks	4	569	01/17/2022 0822	01/17/2022 1751
11892974-2	Lehigh	13	568	01/17/2022 0819	01/17/2022 1747
11892974-2	Lehigh	3	568	01/17/2022 0819	01/17/2022 1747
11892593-1	Berks	3	557	01/17/2022 0258	01/17/2022 1215
11892344-1	Berks	15	556	01/17/2022 0126	01/17/2022 1042
11892111-1	York	5	547	01/17/2022 0049	01/17/2022 0956
11892642-1	Berks	5	533	01/17/2022 0252	01/17/2022 1145
11892834-1	Berks	15	531	01/17/2022 0234	01/17/2022 1125
11893538-1	York	20	530	01/17/2022 0057	01/17/2022 0947
11891999-1	York	21	527	01/17/2022 0000	01/17/2022 0847

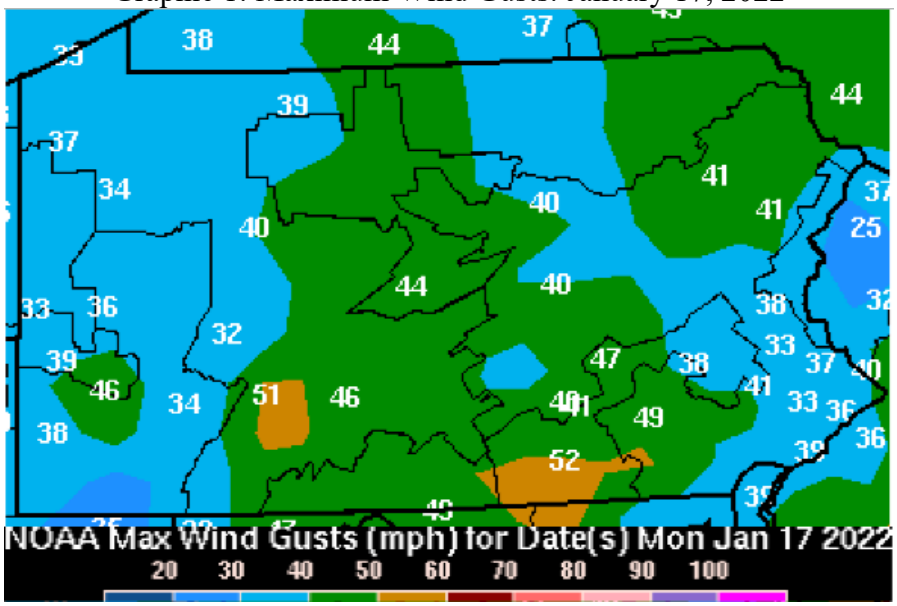
Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
11892396-1	York	6	526	01/17/2022 0146	01/17/2022 1032
11893186-1	Lebanon	1	526	01/17/2022 0724	01/17/2022 1610
11892574-1	Berks	107	524	01/17/2022 0243	01/17/2022 1127
11892055-1	Dauphin	43	523	01/17/2022 0024	01/17/2022 0907
11894400-1	Bucks	3	515	01/17/2022 1721	01/18/2022 0156
11892667-1	Bucks	2	503	01/17/2022 0327	01/17/2022 1150
11892824-2	Berks	13	498	01/17/2022 0414	01/17/2022 1232
11892666-1	Berks	3	498	01/17/2022 0327	01/17/2022 1145
11893098-2	Lebanon	218	496	01/17/2022 0656	01/17/2022 1512
11893345-1	Pike	78	492	01/17/2022 0512	01/17/2022 1324
11894117-1	Bucks	2	484	01/17/2022 1406	01/17/2022 2210
11892541-1	Berks	32	477	01/17/2022 0229	01/17/2022 1026
11894023-3	Cumberland	18	471	01/17/2022 1314	01/17/2022 2105
11893509-1	Adams	1	470	01/17/2022 0928	01/17/2022 1718
11893507-1	Berks	4	467	01/17/2022 0433	01/17/2022 1220
11892571-2	Lehigh	212	466	01/17/2022 0247	01/17/2022 1033
11892992-1	Berks	8	460	01/17/2022 0449	01/17/2022 1229
11893725-1	Berks	1	449	01/17/2022 1105	01/17/2022 1834
11892383-1	Berks	6	448	01/17/2022 0143	01/17/2022 0911
11893019-1	Berks	1	437	01/17/2022 0618	01/17/2022 1335
11893736-1	Berks	6	435	01/17/2022 0551	01/17/2022 1306
11892506-1	Berks	236	432	01/17/2022 0227	01/17/2022 0939
11894129-1	York	1	427	01/17/2022 1413	01/17/2022 2120
11892977-1	York	2	425	01/17/2022 0550	01/17/2022 1255
11892855-1	Adams	59	423	01/17/2022 0430	01/17/2022 1133
11892339-1	York	21	422	01/17/2022 0123	01/17/2022 0825
11892113-2	York	622	415	01/17/2022 0255	01/17/2022 0950
11893046-1	York	33	413	01/17/2022 0632	01/17/2022 1325
11893141-1	Bucks	1	409	01/17/2022 0705	01/17/2022 1354
11891971-1	Lebanon	268	409	01/16/2022 2329	01/17/2022 0618
11892831-1	Berks	1	401	01/16/2022 2216	01/17/2022 0457
11894813-2	Northampton	4	398	01/18/2022 0847	01/18/2022 1525
11894154-3	Berks	5	387	01/17/2022 0735	01/17/2022 1402
11893838-1	Lebanon	2	373	01/17/2022 1155	01/17/2022 1808
11893175-1	Berks	1	373	01/17/2022 0720	01/17/2022 1333

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
11893548-2	Bucks	61	370	01/17/2022 0945	01/17/2022 1555
11892731-1	Lehigh	15	365	01/17/2022 0103	01/17/2022 0708

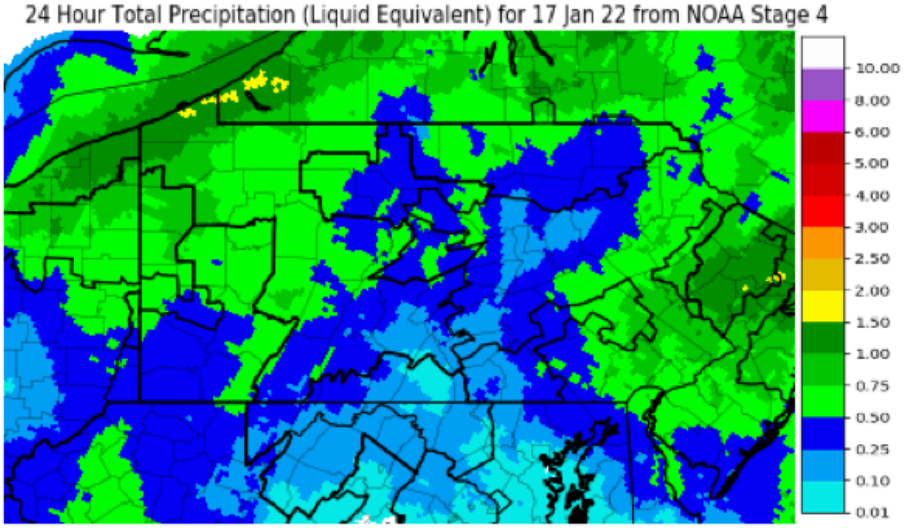
Attachment B: FirstEnergy Wind and Precipitation Report

Wind and Precipitation Reports: Graphic 1 illustrates the maximum wind gusts in the West Penn service territory on January 17, 2022. Graphics 2 illustrates the 24-Hour Total Precipitation in the Met-Ed service territory on January 17, 2022. The graphics are from the National Oceanic and Atmospheric Administration ("NOAA").

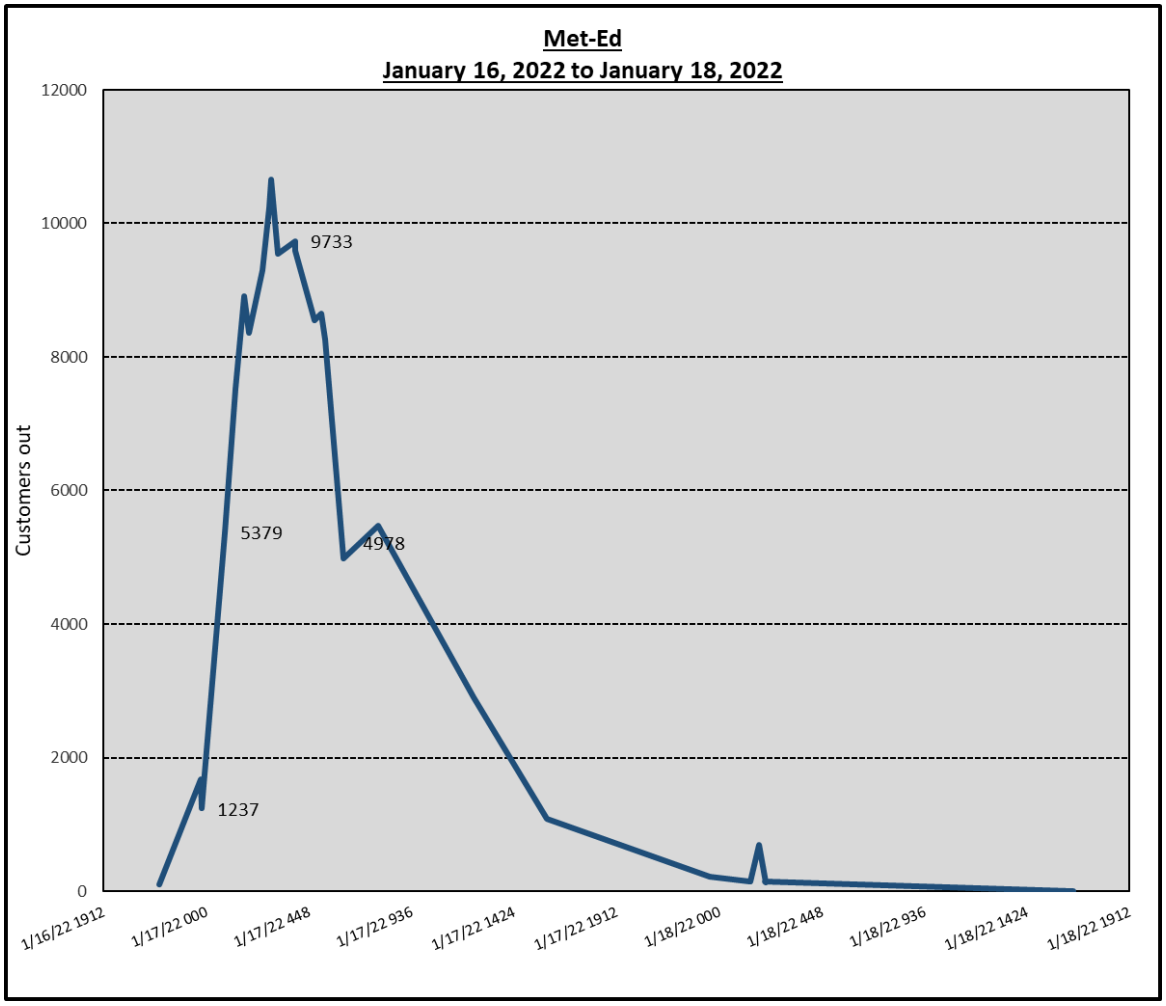
Graphic 1: Maximum Wind Gusts: January 17, 2022



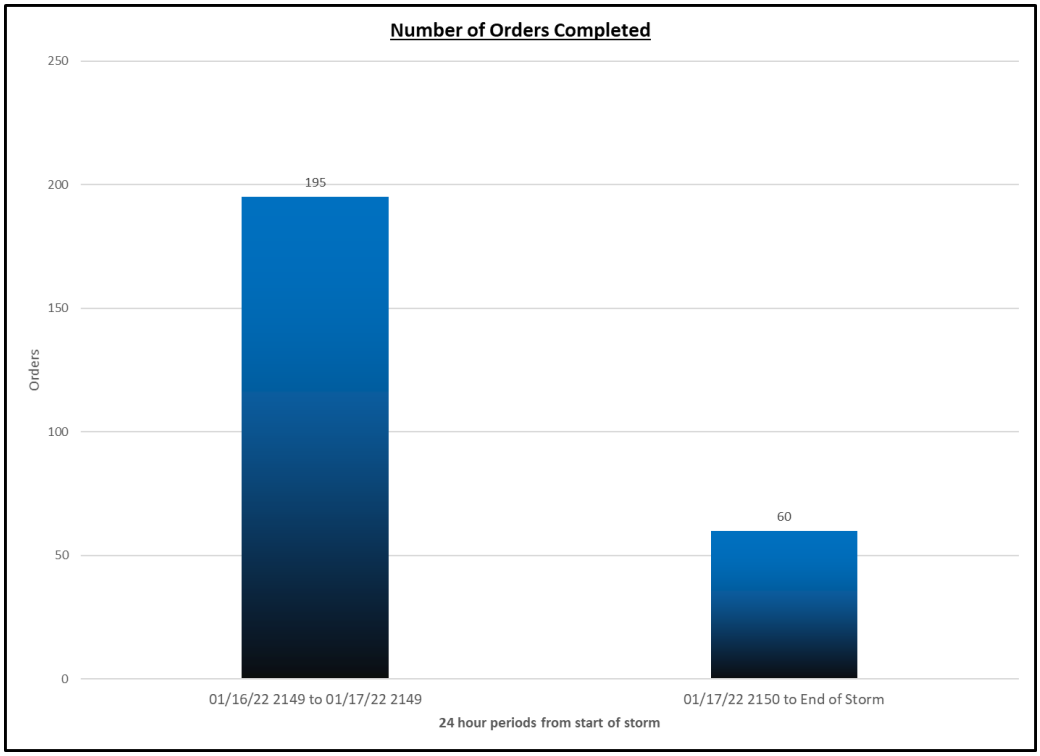
Graphic 2: 24-Hour Total Precipitation: Monday, January 17, 2022

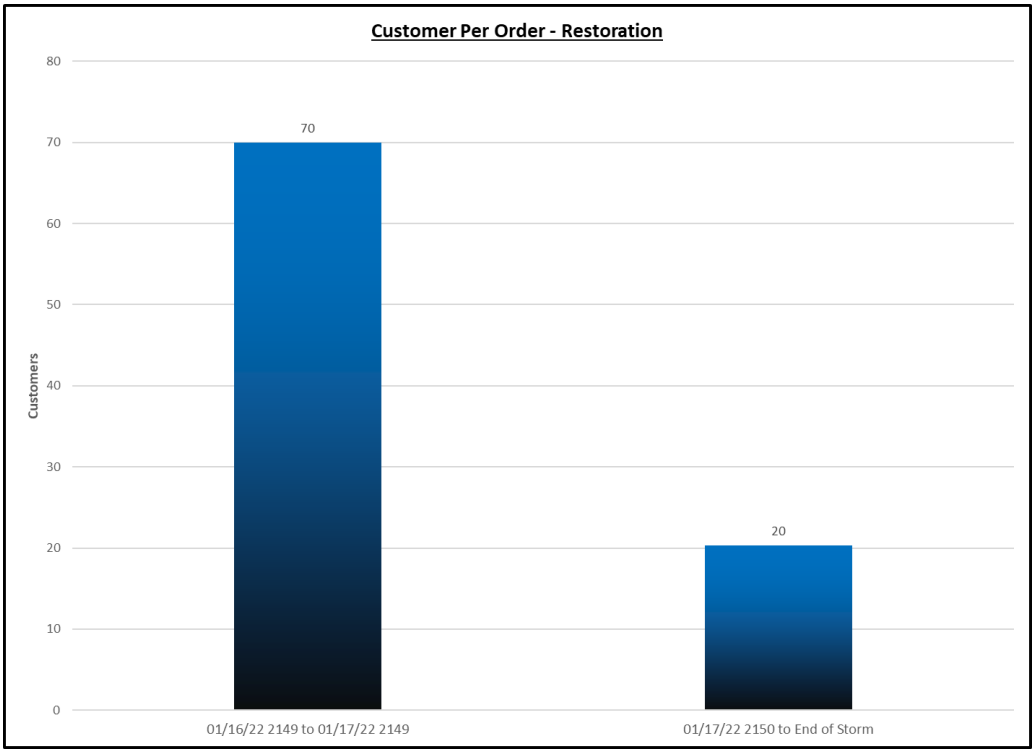


Attachment C: Order Restoration Curve



Attachment D: Order Restoration Graphs



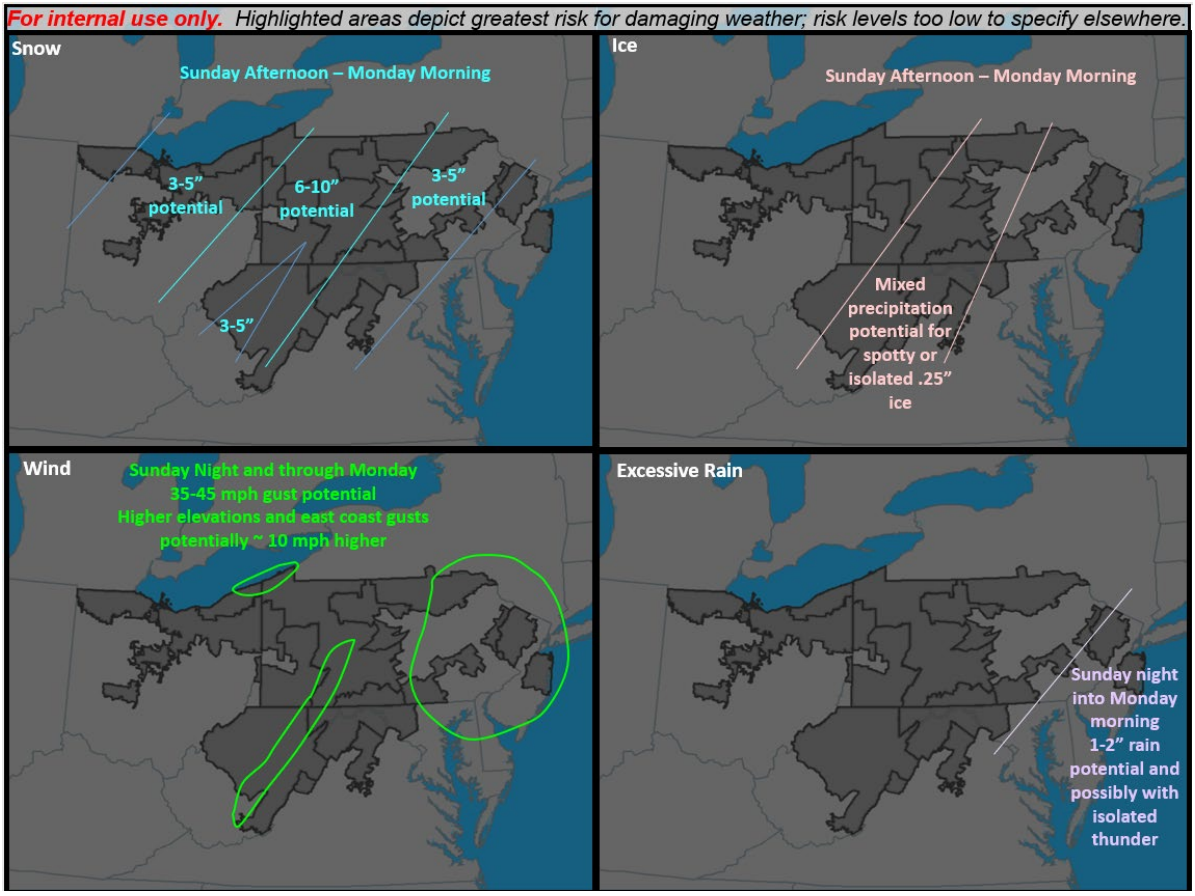


Attachment E: FirstEnergy Meteorologist Reports

Wednesday January 12, 2022 @ 1126

Given the holiday weekend, an early ***preliminary*** cut at a potential winter weather event we've been monitoring is provided below. Confidence is below normal because it is still 4-5 days away and there will likely be changes to timing and magnitude for each aspect of the event.

Next Update – 11am Thu

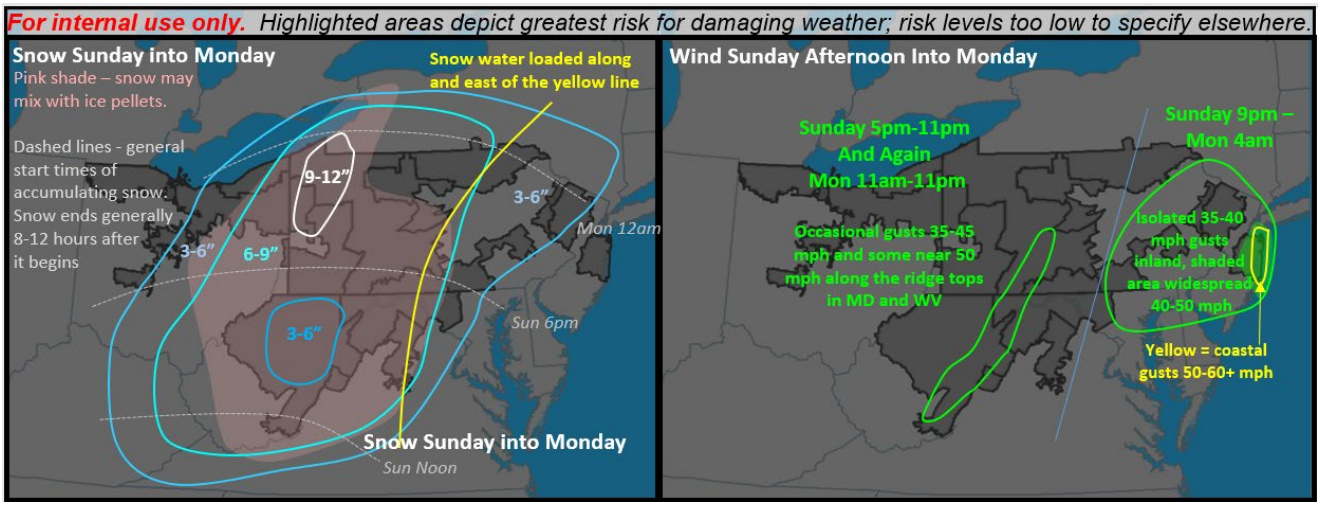


Thursday, January 13, 2022 @ 1019

Changes: Provided initial details relative to yesterday's outlook. Confidence is normal in both panels.

1. Snow and wind - added details of timing and magnitudes.
2. Ice and excessive rain - removed potential as amounts look to be no more than 1"

Next Update – 11am Fri



Thursday, January 13, 2022 @ 1058

Greetings. A clarification on change item "2" below.

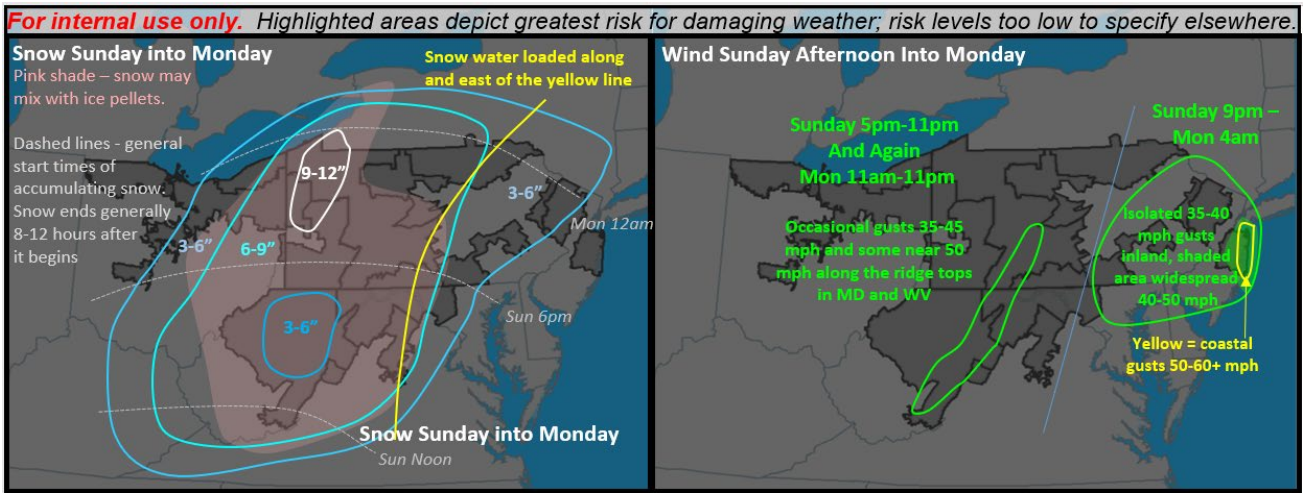
We removed the potential for excessive rain because rain amounts look to be no more than 1".

Regarding ice (glaze), ice accumulations look to be less than .05" (vs "no more than 1" which would be a disaster).

Changes: Provided initial details relative to yesterday's outlook. Confidence is normal in both panels.

1. Snow and wind - added details of timing and magnitudes.
2. Ice and excessive rain - removed potential as amounts look to be no more than 1"

Next Update – 11am Fri

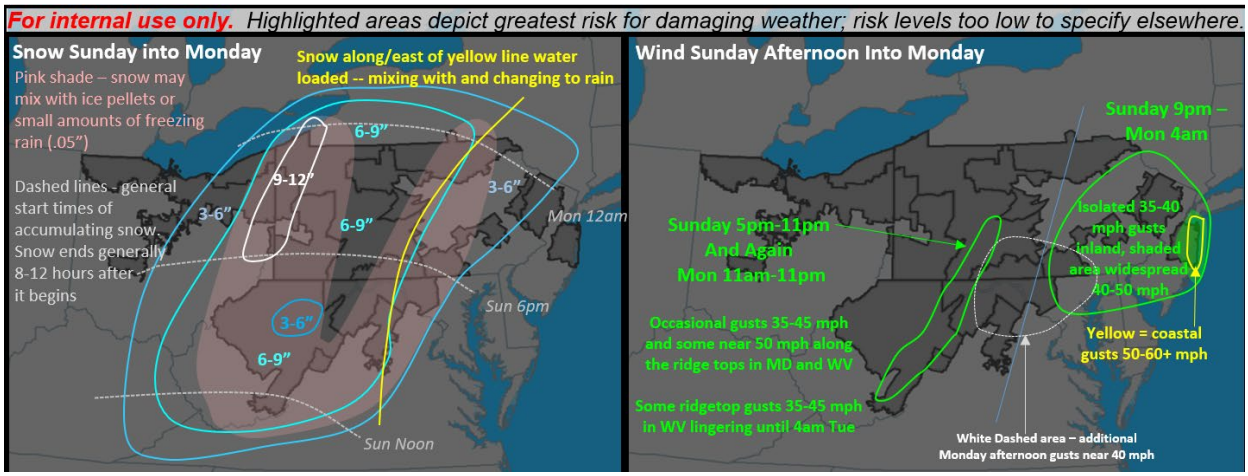


Friday, January 14, 2022 @ 0836

Changes: Confidence is slightly above normal with this graphic.

1. Snow – slightly trimmed edges of 3-6" area. Increased 9-12" region. Added details of snow changing to rain. Fine tuned area expected to see snow mixing with ice pellets or very light freezing rain.
2. Wind – Extended duration of ridge top gusts in WV. Added area for afternoon gusts on Monday.

Next Update – 11am Sat

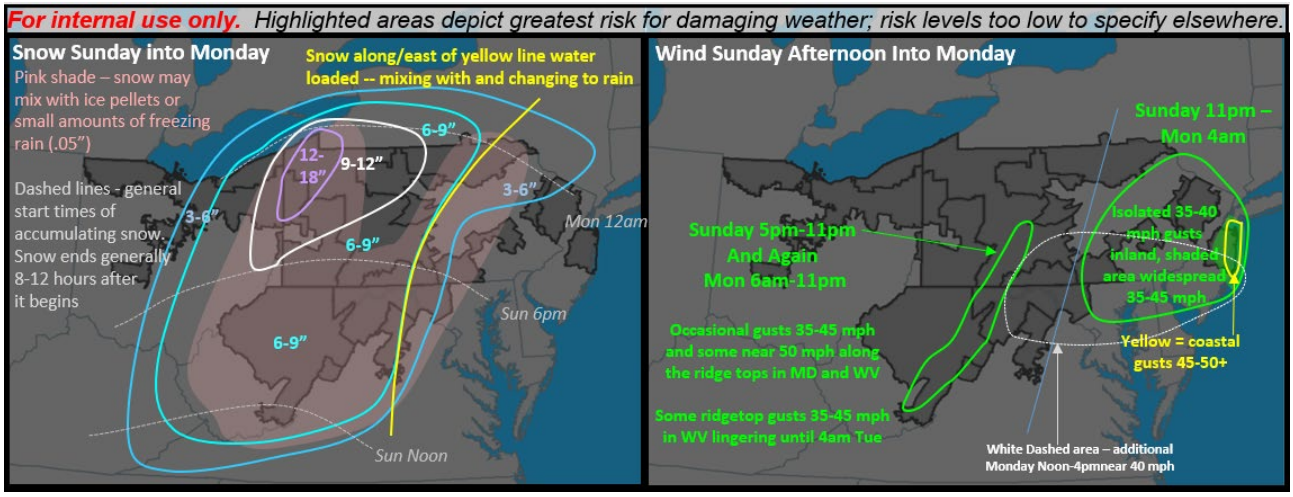


Saturday, January 15, 2022 @ 0821

Changes: Confidence is above normal with snow forecast, near normal with wind forecast.

1. Snow – increased max snow amounts in northwest PA and adjacent east Ohio. Fine-tuned edges of each area.
2. Wind – Decreased magnitudes of threat in JCPL, expanded area of additional afternoon post-storm gusts on Mon.

Next Update – 8am Sun



Sunday, January 16, 2022 @ 0800

Changes. Snow – accelerated start time of snow by 2-4 hours (looks like it will race northeast once it reaches roughly the south PA border). No significant changes to wind gust forecast.

Also – we are monitoring a cold period of about 10-14 days starting late this work week featuring temperatures a good 15 degrees below normal (normal highs near in the low 40s, normal lows near or in the low 20s) . This won't be the coldest arctic outbreak FE has experienced but the duration makes it notable.

Final Update