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January 16, 2024

**VIA E-FILING**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street, 2<sup>nd</sup> 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 December 27, 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 Drive  
Greensburg, PA 15601
  
2. Name and title of person making report:  
Scott Wyman President, Pennsylvania Operations  
*(Name)* *(Title)*
  
3. Telephone number: (814) 449-9308  
*(Telephone Number)*
  
4. Date and time report was made to Commission:  
December 28, 2023 0634  
*(Date)* *(Time)*
  
5. Interruption or Outage:
  - (a) Number of customers affected: 12,392 (Represents 2.1% 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	26	3	10
Berks	3,711	97	63
Bucks	194	5	3
Lebanon	215	3	5
Lehigh	223	5	1
Monroe	193	8	10
Montgomery	2,805	2	5
Northampton	4,359	20	18
Pike	150	1	5
York	516	10	16
<b>Total</b>	<b>12,392</b>	<b>154</b>	<b>136</b>

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 100

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

(f) Reason for the interruption or outages: On Wednesday, December 27, 2023, a weather system moved through Pennsylvania, reaching the Met-Ed service territory in the early evening. The system produced storms with heavy precipitation, flooding, and wind gusts of approximately 30 miles per hour. On Thursday, December 28, 2023, wind gusts continued at approximately 40 miles per hour. See Attachment B for the maximum wind gusts and the 24-hour total precipitation for December 27 and December 28, 2023.

Damage as a result of the storms included downed trees and wires, damaged or broken poles and crossarms, and damaged transformers. The Reading, Hamburg, and Boyertown districts were the hardest hit areas. Extensive flooding in creek beds and roadways restricted access for crews during restoration efforts. Approximately 57% of the total outages were tree related.

Preliminary data indicates the reliability impact of the storm was 6.3 minutes of SAIDI, 0.02 of SAIFI frequency, and an overall storm CAIDI of 295.2 minutes.

(g) Projected time of restoration: It was estimated that the majority of customers affected by the storms would be restored by 1800 on December 29, 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	45	Line Workers
Penelec	14	Line Workers
Penn Power	7	Line Workers
West Penn Power	7	Line Workers
<b>Subtotal</b>	<b>73</b>	<b>Line Workers</b>
NG Gilbert	8	Line Contractors
JW Didado	14	Line Contractors
Main Lite Electric	3	Line Contractors
Miller Bros	7	Line Contractors
Thompson Electric	4	Line Contractors
<b>Subtotal</b>	<b>36</b>	<b>Line Contractors</b>
Davey Tree	8	Forestry
Lewis Tree	10	Forestry
Penn Line	22	Forestry
<b>Subtotal</b>	<b>40</b>	<b>Forestry</b>
Penn Power	2	Supporting Roles
JW Didado	2	Supporting Roles
<b>Subtotal</b>	<b>4</b>	<b>Supporting Roles</b>
<b>Grand Total</b>	<b>153</b>	

- (i) The date and time of the first information of a service interruption: December 27, 2023 at 2254.
- (j) The date and time that repair crews were assembled: December 27, 2023 at 2254.
- (k) The actual time that service was restored to the last affected customer: December 29, 2023 at 2105.
- (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	133
Secondary Spans Down	19
Crossarms Replaced	19
Cutouts Replaced	30

Equipment	Number
Poles Replaced	17
Transformers Replaced	7
Wire & Cable Replaced (feet)	10,992

- (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 meteorologist 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 information<sup>1</sup>:**

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
807363	Berks	6	2724	12/27/2023 23:41	12/29/2023 21:05
808581	Berks	1	2485	12/28/2023 0:35	12/29/2023 18:00
806397	Berks	105	2323	12/28/2023 0:11	12/29/2023 14:54
805692	Berks	1	2321	12/28/2023 0:02	12/29/2023 14:43
807906	Berks	2	2141	12/28/2023 0:09	12/29/2023 11:50
806255	Berks	1	2112	12/28/2023 2:36	12/29/2023 13:48
807183	Berks	3	2025	12/28/2023 0:35	12/29/2023 10:20
806194	Berks	1	1496	12/28/2023 2:09	12/29/2023 3:05
806234	Northampton	5	1463	12/28/2023 2:24	12/29/2023 2:47
807045	Pike	150	1435	12/28/2023 12:13	12/29/2023 12:08
805582	Berks	8	1227	12/27/2023 23:28	12/28/2023 19:55
807180	Berks	2	1182	12/27/2023 23:15	12/28/2023 18:57
806808	Berks	3	1166	12/27/2023 23:15	12/28/2023 18:41
805659	Berks	1	1129	12/27/2023 23:51	12/28/2023 18:40
805880	Berks	2	1118	12/28/2023 1:03	12/28/2023 19:41
806179	Northampton	1	1113	12/28/2023 2:02	12/28/2023 20:35
806690	Northampton	7	1103	12/28/2023 2:11	12/28/2023 20:34
805979	Berks	16	1091	12/28/2023 1:21	12/28/2023 19:32
805681	Lehigh	5	1065	12/27/2023 23:59	12/28/2023 17:44
805732	Berks	1	1062	12/28/2023 0:10	12/28/2023 17:52
806222	Berks	1	1057	12/28/2023 2:19	12/28/2023 19:56
805631	Berks	26	1056	12/27/2023 23:40	12/28/2023 17:16
805662	Berks	34	1019	12/27/2023 23:51	12/28/2023 16:50
807445	Berks	18	1016	12/27/2023 23:47	12/28/2023 16:43
805724	Berks	5	1010	12/28/2023 0:09	12/28/2023 16:59
805536	Berks	15	1003	12/27/2023 22:56	12/28/2023 15:39
806307	Berks	145	973	12/27/2023 23:38	12/28/2023 15:51
806306	Berks	116	963	12/27/2023 23:39	12/28/2023 15:42
806160	Northampton	10	960	12/28/2023 1:55	12/28/2023 17:55

<sup>1</sup> 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
806165	Berks	1	948	12/28/2023 1:56	12/28/2023 17:44
806197	Northampton	5	939	12/28/2023 2:10	12/28/2023 17:49
805685	Berks	10	936	12/28/2023 0:00	12/28/2023 15:36
805576	Berks	33	926	12/27/2023 23:24	12/28/2023 14:50
805708	Berks	5	926	12/28/2023 0:07	12/28/2023 15:33
805811	Berks	1	921	12/28/2023 0:27	12/28/2023 15:48
806911	Lehigh	1	920	12/28/2023 0:50	12/28/2023 16:10
805634	Berks	2	896	12/27/2023 23:41	12/28/2023 14:37
805650	Berks	18	873	12/27/2023 23:47	12/28/2023 14:20
805678	Berks	5	864	12/27/2023 23:58	12/28/2023 14:22
805833	Berks	6	860	12/28/2023 0:35	12/28/2023 14:55
806133	Bucks	25	842	12/28/2023 1:45	12/28/2023 15:47
806268	Berks	82	840	12/28/2023 0:07	12/28/2023 14:07
806153	Northampton	3	826	12/28/2023 1:53	12/28/2023 15:39
806397	Berks	183	824	12/28/2023 0:11	12/28/2023 13:55
806398	Berks	116	824	12/28/2023 0:11	12/28/2023 13:55
806400	Berks	29	824	12/28/2023 0:11	12/28/2023 13:55
805682	Lehigh	6	819	12/27/2023 23:59	12/28/2023 13:38
805812	Berks	6	811	12/28/2023 0:27	12/28/2023 13:58
806353	Berks	7	807	12/27/2023 23:46	12/28/2023 13:13
806368	Berks	38	804	12/28/2023 0:44	12/28/2023 14:08
806417	Northampton	339	802	12/28/2023 1:34	12/28/2023 14:56
807046	Berks	4	794	12/28/2023 0:56	12/28/2023 14:10
807606	Berks	2	787	12/28/2023 16:15	12/29/2023 5:22
805575	Berks	4	786	12/27/2023 23:23	12/28/2023 12:29
805577	Berks	65	786	12/27/2023 23:26	12/28/2023 12:32
805729	Berks	29	785	12/28/2023 0:10	12/28/2023 13:15
805964	Berks	5	781	12/28/2023 1:14	12/28/2023 14:15
806326	Berks	3	764	12/28/2023 4:25	12/28/2023 17:09
805554	Berks	21	762	12/27/2023 23:09	12/28/2023 11:51
806950	Berks	5	738	12/27/2023 23:57	12/28/2023 12:15
805528	Berks	61	735	12/27/2023 22:54	12/28/2023 11:09
805916	Berks	80	725	12/28/2023 1:10	12/28/2023 13:15
805852	Berks	21	723	12/28/2023 0:44	12/28/2023 12:47

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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
805850	Berks	8	720	12/28/2023 0:43	12/28/2023 12:43
806697	Berks	88	719	12/27/2023 23:20	12/28/2023 11:19
805873	Berks	4	710	12/28/2023 0:55	12/28/2023 12:45
806202	Monroe	1	708	12/28/2023 2:11	12/28/2023 13:59
805654	Berks	18	704	12/27/2023 23:49	12/28/2023 11:33
805563	Berks	6	694	12/27/2023 23:15	12/28/2023 10:49
805778	Berks	24	694	12/28/2023 0:14	12/28/2023 11:48
805675	Berks	5	678	12/27/2023 23:57	12/28/2023 11:15
805998	Berks	2	662	12/28/2023 1:25	12/28/2023 12:27
805562	Berks	13	655	12/27/2023 23:19	12/28/2023 10:14
805653	Berks	9	623	12/27/2023 23:49	12/28/2023 10:12
807055	Northampton	1	621	12/28/2023 12:24	12/28/2023 22:45
807076	York	1	612	12/28/2023 12:32	12/28/2023 22:44
806397	Berks	112	603	12/28/2023 0:11	12/28/2023 10:14
805566	Berks	56	596	12/27/2023 23:17	12/28/2023 9:13
806619	Bucks	10	594	12/28/2023 8:41	12/28/2023 18:35
805715	Berks	24	593	12/28/2023 0:08	12/28/2023 10:01
805783	Berks	264	589	12/28/2023 0:17	12/28/2023 10:06
806302	Berks	5	586	12/28/2023 3:41	12/28/2023 13:27
807210	Northampton	5	583	12/28/2023 9:59	12/28/2023 19:42
805570	Berks	88	579	12/27/2023 23:27	12/28/2023 9:06
805859	Montgomery	1058	578	12/28/2023 0:47	12/28/2023 10:25
805860	Berks	5	568	12/28/2023 0:48	12/28/2023 10:16
806347	Berks	7	561	12/28/2023 4:59	12/28/2023 14:20
805866	Lehigh	2	557	12/28/2023 0:50	12/28/2023 10:07
806748	Bucks	79	522	12/28/2023 9:39	12/28/2023 18:21
806167	Monroe	2	514	12/28/2023 1:56	12/28/2023 10:30
806631	Lebanon	1	509	12/28/2023 4:01	12/28/2023 12:30
806214	Monroe	31	508	12/28/2023 2:16	12/28/2023 10:44
805851	Berks	44	507	12/28/2023 0:44	12/28/2023 9:11
806844	Northampton	1	488	12/28/2023 10:36	12/28/2023 18:44
806828	Berks	7	428	12/28/2023 10:22	12/28/2023 17:30
806129	Monroe	53	422	12/28/2023 1:43	12/28/2023 8:45
806209	Northampton	7	411	12/28/2023 2:11	12/28/2023 9:02

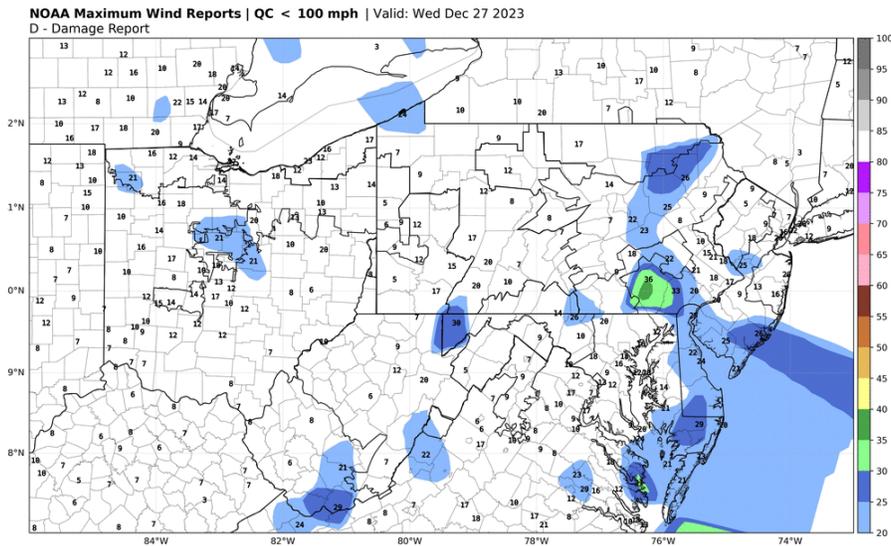
Metropolitan Edison Report

<b>Order #</b>	<b>Approximate Location (County)</b>	<b>Total Number of Customers Affected</b>	<b>Duration of the Outage (minutes)</b>	<b>Initial Date and Time of the Outage</b>	<b>Restoration Date and Time</b>
806778	Berks	1	400	12/28/2023 9:56	12/28/2023 16:36
808275	Monroe	39	396	12/29/2023 8:24	12/29/2023 15:00
805687	Berks	30	394	12/28/2023 0:01	12/28/2023 6:35
806554	Berks	1	362	12/28/2023 8:05	12/28/2023 14:07

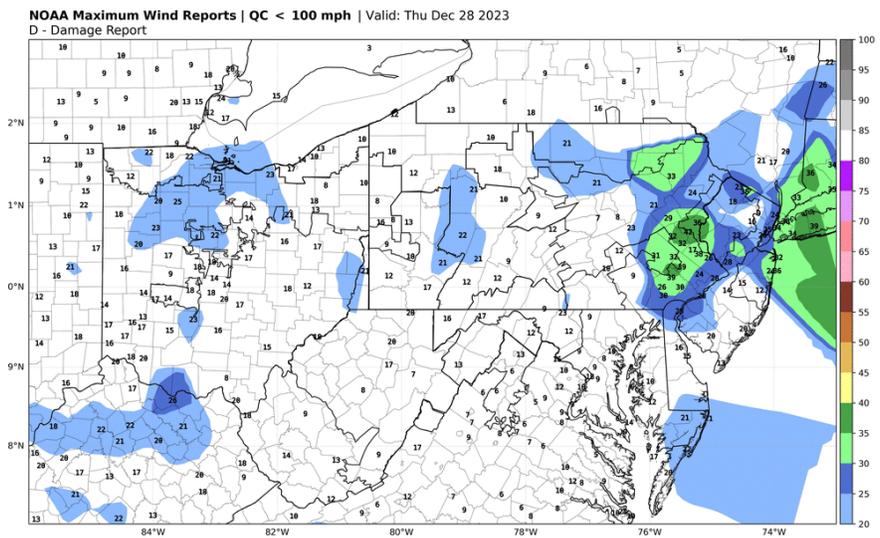
**Attachment B: Wind and Precipitation Report**

**Wind and Precipitation Reports:** Graphics 1 and 2 illustrate the maximum wind gusts in the Met-Ed service territory on December 27, 2023 and December 28, 2023. Graphics 3 and 4 illustrate precipitation in the Met-Ed service territory on December 27, 2023 and December 28, 2023. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

**Graphic 1: Wind Gusts – December 27, 2023**

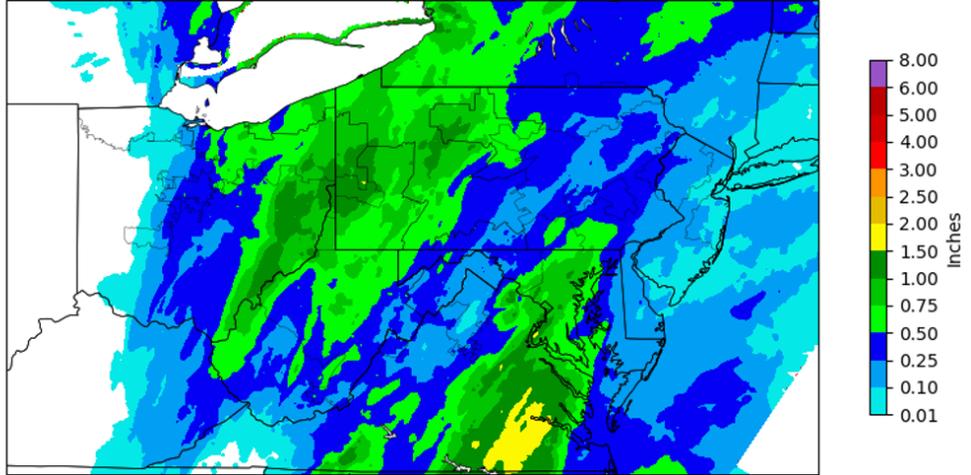


**Graphic 2: Wind Gusts – December 28, 2023**



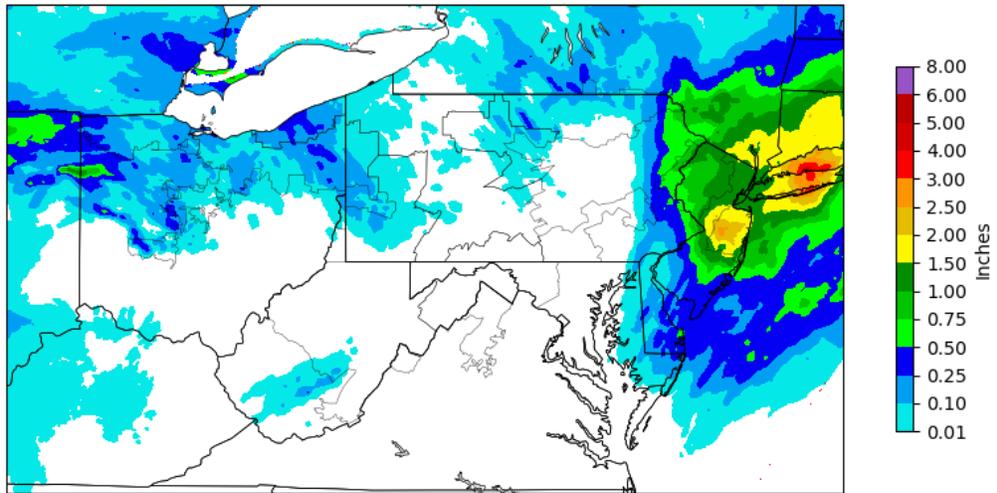
**Graphic 3: 24-Hour Total Precipitation – December 27, 2023**

24 Hour Total Precipitation (Liquid Equivalent) for 20231227 from NOAA StageIV

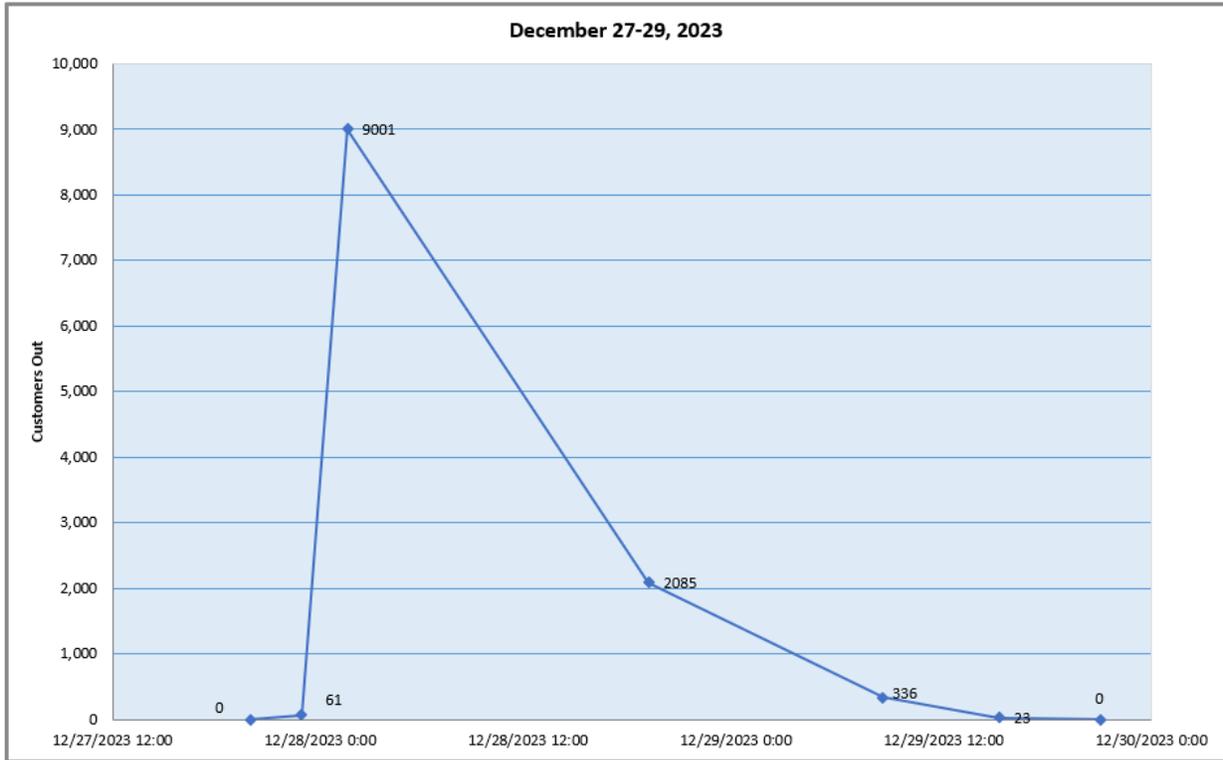


**Graphic 4: 24-Hour Total Precipitation - December 28, 2023**

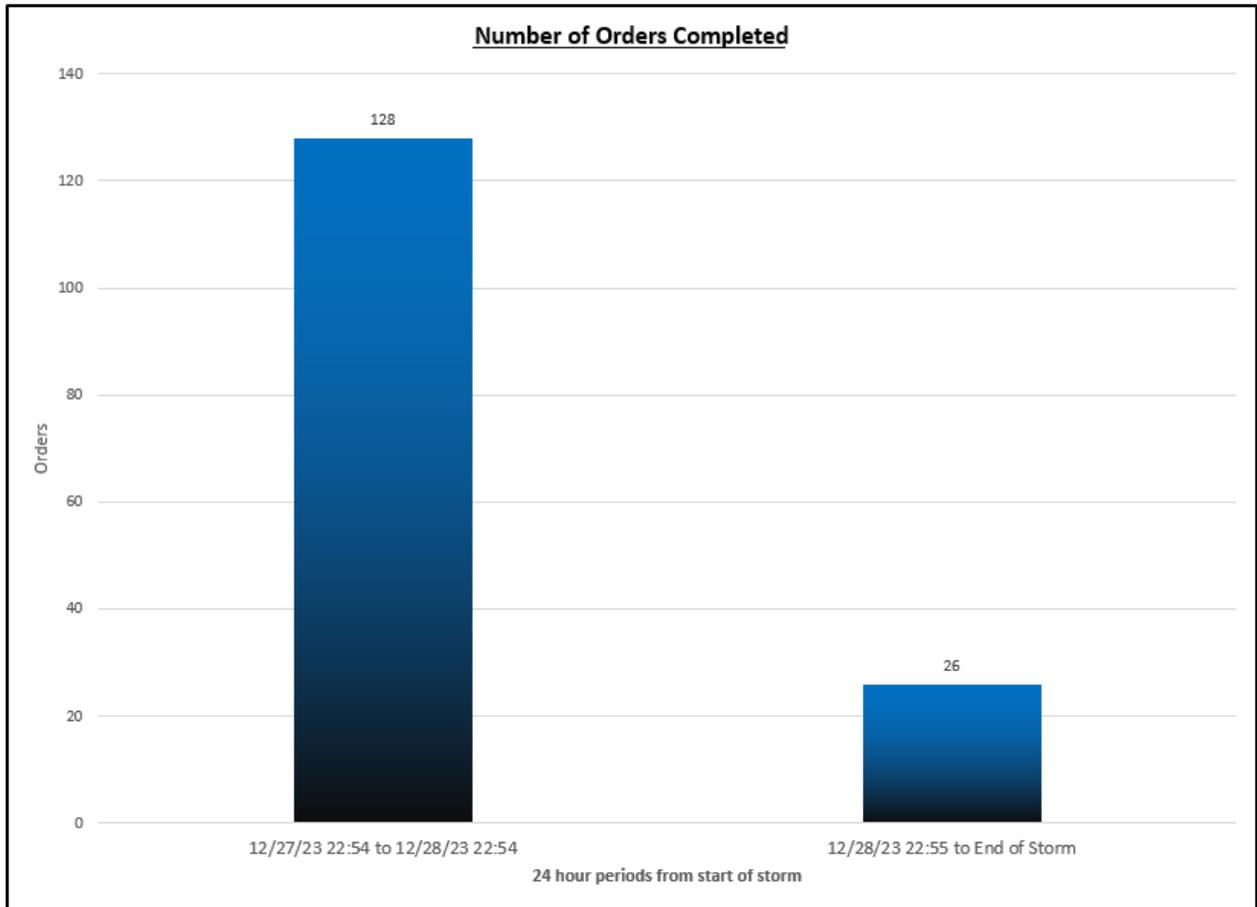
24 Hour Total Precipitation (Liquid Equivalent) for 20231228 from NOAA StageIV

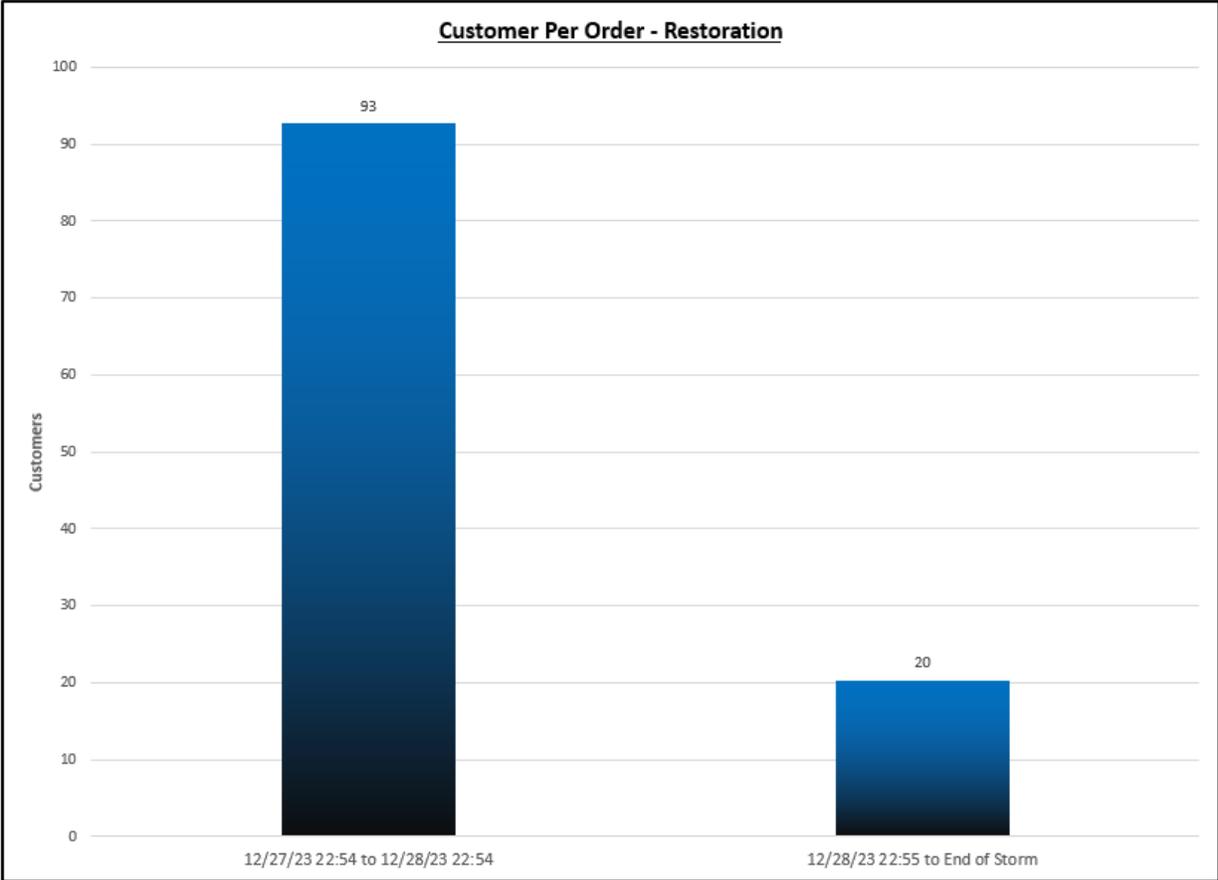


**Attachment C: Order Restoration Curve**



**Attachment D: Order Restoration Graphs**





**Attachment E: Meteorologist Reports**

A weather alert was not issued prior to the event; Meteorologists have reviewed and provided the below description of the weather event:

- Areas of showers and rain moved through FirstEnergy Met Ed on December 27 and December 28, 2023. The most concentrated and heaviest rain occurred between 4 pm December 27 and 4 am December 28 producing 1.5-2.5” of rain, generally east of Reading. Winds gusted generally 30-40 mph in the Reading, Pottstown, and Allentown regions between 1 am and 3 am on December 28, but otherwise remained below 25 mph in these locations and in all of Met Ed. No snow or ice were reported for the event.