

April 8, 2024

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 –
FirstEnergy Pennsylvania Electric Company; Docket No. M-2021-3023564***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, FirstEnergy Pennsylvania Electric Company on behalf of Met-Ed Rate District (“Met-Ed”) submits written notification of completed restoration efforts following storm conditions that began on March 23, 2024 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: FirstEnergy Pennsylvania Electric Company ("FE PA")
on behalf of Met-Ed Rate District ("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:
March 23, 2024 2042
(Date) *(Time)*

5. Interruption or Outage:
 - (a) Number of customers affected: 7,827 (Represents 1.35% 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	1	1	1
Berks	1,723	23	26
Bucks	160	3	1
Lebanon	931	7	15
Lehigh	69	3	0
Monroe	929	6	5
Montgomery	19	1	4
Northampton	211	11	15
Pike	3,770	20	16
York	14	6	23
Total	7,827	81	106

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 43

(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 Saturday, March 23, a weather system moved through Pennsylvania, reaching the Met-Ed service territory in the early afternoon. The system produced storms with heavy precipitation with rain totals at 2.5 inches and maximum wind gusts of approximately 61 miles per hour. On Sunday, March 24, 2024, wind gusts continued reaching a maximum of approximately 57 miles per hour. See Attachment B for the maximum wind gusts for March 23 and March 24, and the 24-hour total precipitation for March 23, 2024.

Damage as a result of the storms 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 Stroudsburg district was the hardest hit area. Approximately 68% of the total outages were tree related.

Preliminary data indicates the reliability impact of the storm was 4.8 minutes of SAIDI, 0.0135 of SAIFI frequency, and an overall storm CAIDI of 359.8 minutes.

(g) Projected time of restoration: It was estimated that the majority of customers affected by the storms would be restored by 1400 on March 24, 2024. 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	65	Line Workers
Subtotal	65	Line Workers
N.G. Gilbert	6	Line Contractors
J.W. Didado	4	Line Contractors
Subtotal	10	Line Contractors
Asplundh	4	Forestry
Lewis Tree	18	Forestry
Nelson Tree	6	Forestry
Pennline Service	13	Forestry
Subtotal	41	Forestry
Met-Ed	11	Supporting Roles
Subtotal	11	Supporting Roles
Grand Total	127	

- (i) The date and time of the first information of a service interruption: March 23, 2024 at 1416.
- (j) The date and time that repair crews were assembled: March 23, 2024 at 0700
- (k) The actual time that service was restored to the last affected customer: March 25, 2024 at 1330.
- (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	48
Secondary Spans Down	18
Crossarms Replaced	9
Cutouts Replaced	24
Poles Replaced	5
Transformers Replaced	8
Wire & Cable Replaced (feet)	5,435

- (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 report.

- (n) 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 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
985673	Berks	2	2654	3/23/2024 17:16	3/25/2024 13:30
983115	Berks	41	2019	3/23/2024 17:16	3/25/2024 2:55
983149	Monroe	2	1960	3/23/2024 17:25	3/25/2024 2:05
983214	Berks	7	1957	3/23/2024 17:46	3/25/2024 2:23
983061	Lebanon	30	1711	3/23/2024 16:59	3/24/2024 21:30
984261	Lebanon	2	1695	3/23/2024 20:44	3/25/2024 0:59
983925	Lebanon	2	1582	3/23/2024 22:37	3/25/2024 0:59
982903	Northampton	3	1527	3/23/2024 15:50	3/24/2024 17:17
982975	Berks	32	1416	3/23/2024 15:54	3/24/2024 15:30
982913	Northampton	1	1416	3/23/2024 15:54	3/24/2024 15:30
983202	Berks	8	1397	3/23/2024 17:41	3/24/2024 16:58
983084	Monroe	5	1322	3/23/2024 17:12	3/24/2024 15:14
983564	Northampton	9	1302	3/23/2024 19:07	3/24/2024 16:49
983049	Berks	1	1293	3/23/2024 16:57	3/24/2024 14:30
983161	Northampton	107	1280	3/23/2024 18:29	3/24/2024 15:49
983026	Northampton	15	1273	3/23/2024 16:50	3/24/2024 14:03
983417	Northampton	22	1273	3/23/2024 17:40	3/24/2024 14:53
983512	Northampton	15	1242	3/23/2024 18:46	3/24/2024 15:28
983365	York	1	1237	3/23/2024 18:08	3/24/2024 14:45
983405	Berks	1	1213	3/23/2024 14:16	3/24/2024 10:29
983440	Northampton	9	1202	3/23/2024 18:29	3/24/2024 14:31
983869	York	1	1175	3/23/2024 20:35	3/24/2024 16:10
983100	Northampton	26	1136	3/23/2024 17:14	3/24/2024 12:10
984452	Lehigh	1	1104	3/23/2024 17:14	3/24/2024 11:38
983373	Berks	4	1096	3/23/2024 18:11	3/24/2024 12:27
983867	Lebanon	344	1073	3/23/2024 19:27	3/24/2024 13:20
983139	Berks	1	1028	3/23/2024 17:23	3/24/2024 10:31
983602	Pike	4	848	3/23/2024 18:44	3/24/2024 8:52
984090	Pike	109	837	3/23/2024 21:38	3/24/2024 11:35

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.

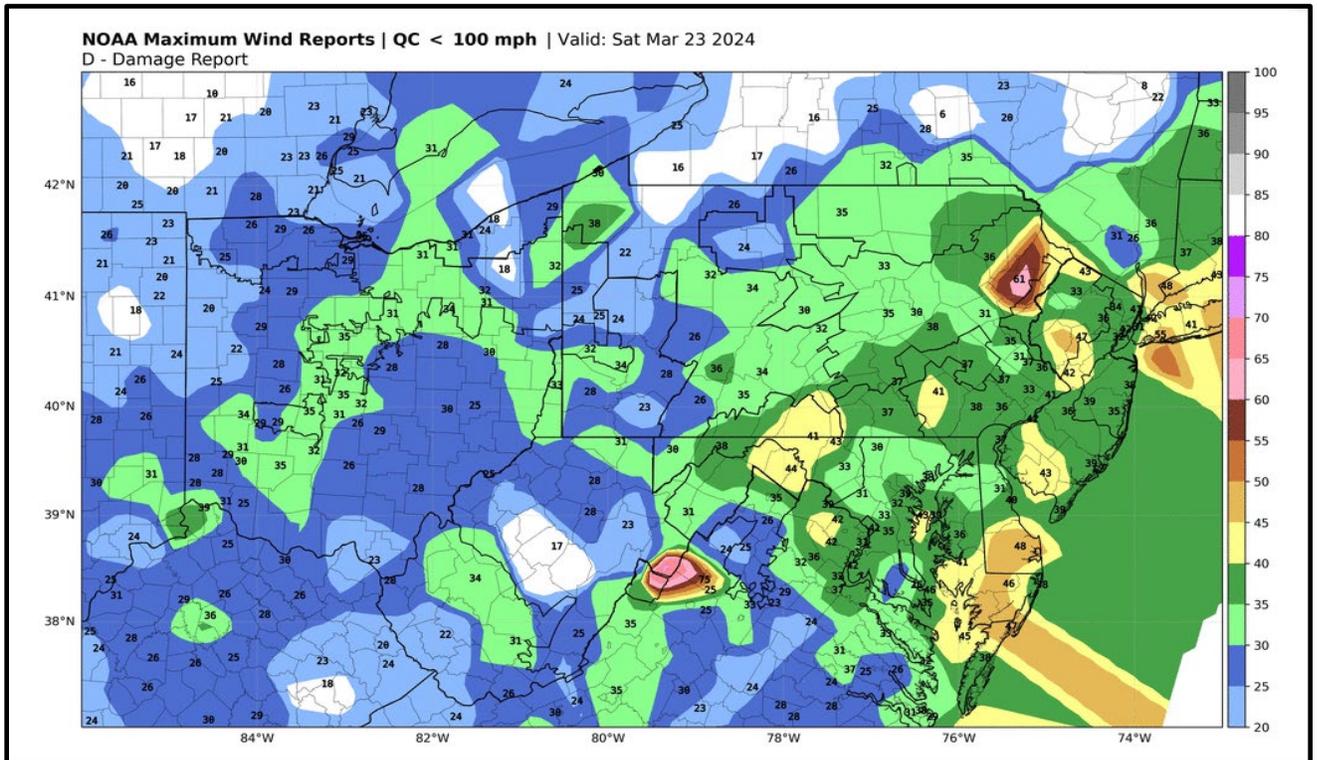
Met-Ed Storm Report

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
983617	Berks	2	802	3/23/2024 19:24	3/24/2024 8:46
983350	Bucks	3	744	3/23/2024 18:04	3/24/2024 6:28
984114	Pike	3	736	3/23/2024 21:44	3/24/2024 10:00
982773	Pike	7	678	3/23/2024 14:47	3/24/2024 2:05
984160	Berks	64	663	3/23/2024 21:56	3/24/2024 8:59
982773	Pike	382	626	3/23/2024 14:47	3/24/2024 1:13
982773	Pike	375	626	3/23/2024 14:47	3/24/2024 1:13
984738	Berks	1	509	3/24/2024 7:13	3/24/2024 15:42
983099	Lehigh	22	475	3/23/2024 17:14	3/24/2024 1:09
983175	Pike	7	442	3/23/2024 17:33	3/24/2024 0:55
983172	Pike	1	410	3/23/2024 17:33	3/24/2024 0:23
985405	Northampton	1	376	3/24/2024 17:59	3/25/2024 0:15
983215	Monroe	105	373	3/23/2024 17:46	3/23/2024 23:59
983940	Bucks	16	372	3/23/2024 20:49	3/24/2024 3:01

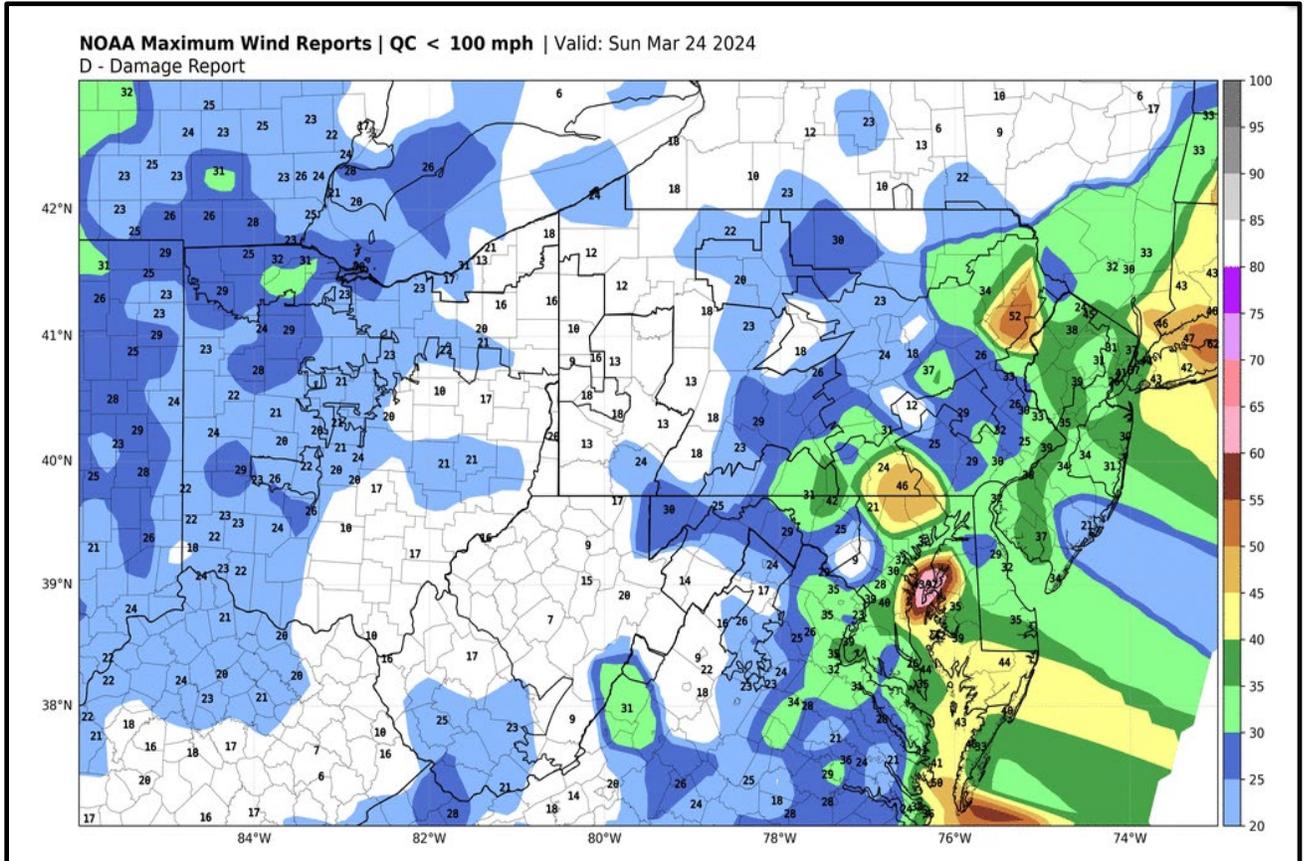
Attachment B: Wind and Precipitation Report

Wind and Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the Met-Ed service territory on March 23, 2024 and March 24, 2024. Graphic 3 illustrates the 24-Hour Total Precipitation in the Met-Ed service territory on March 23, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

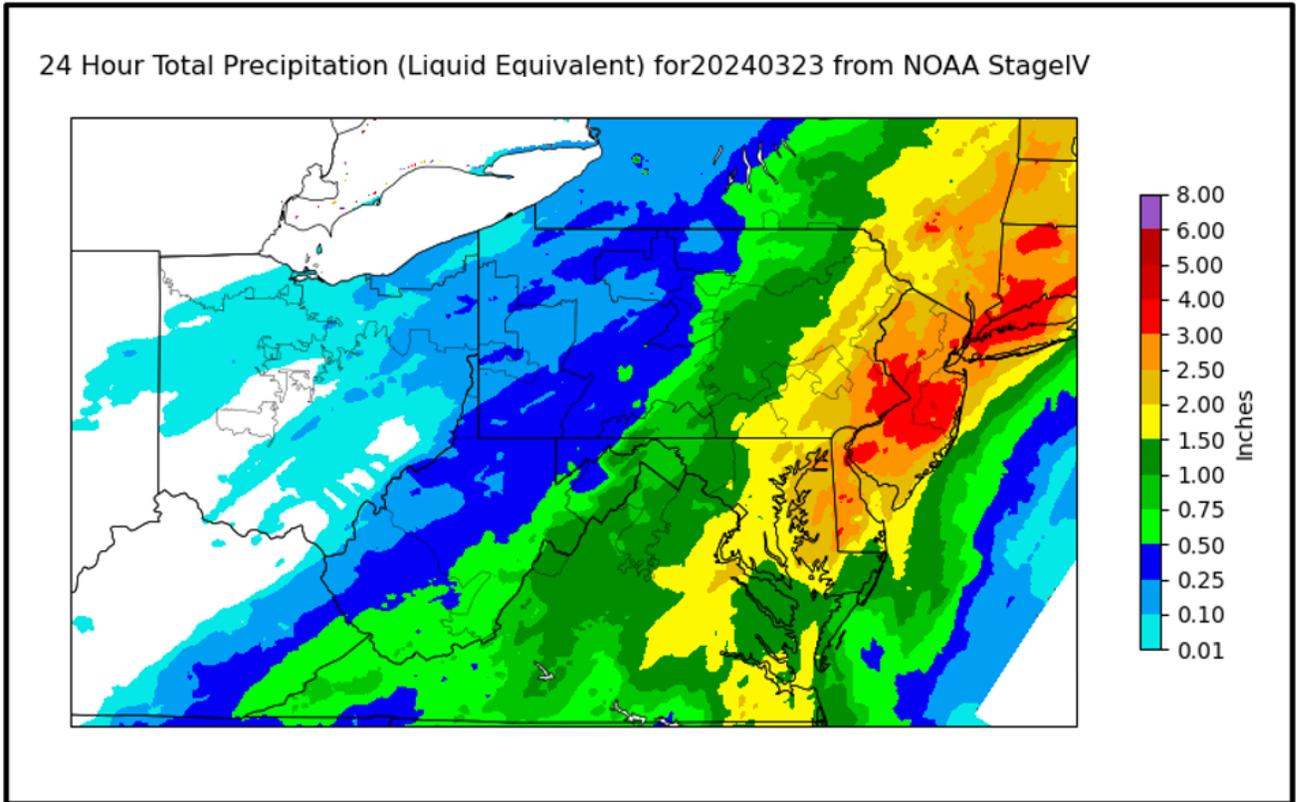
Graphic 1: Maximum Wind Gusts – March 23, 2024



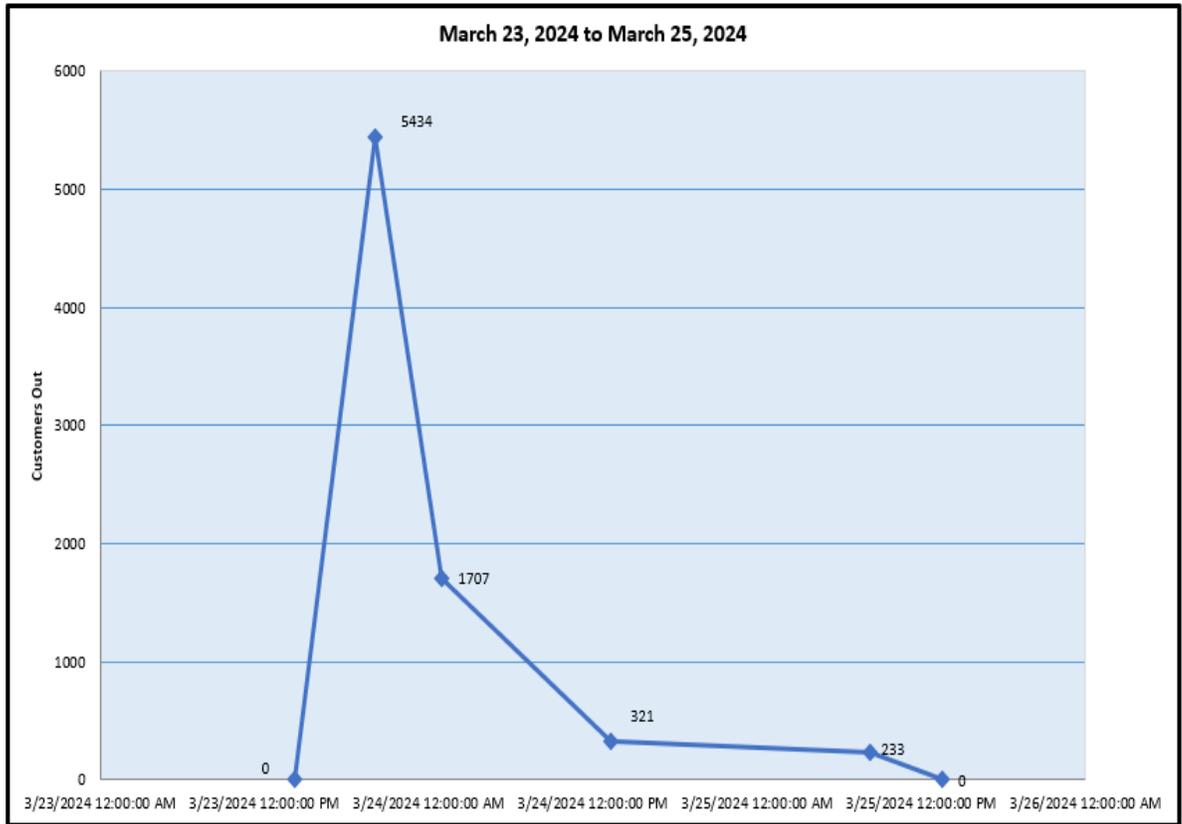
Graphic 2: Maximum Wind Gusts – March 24, 2024



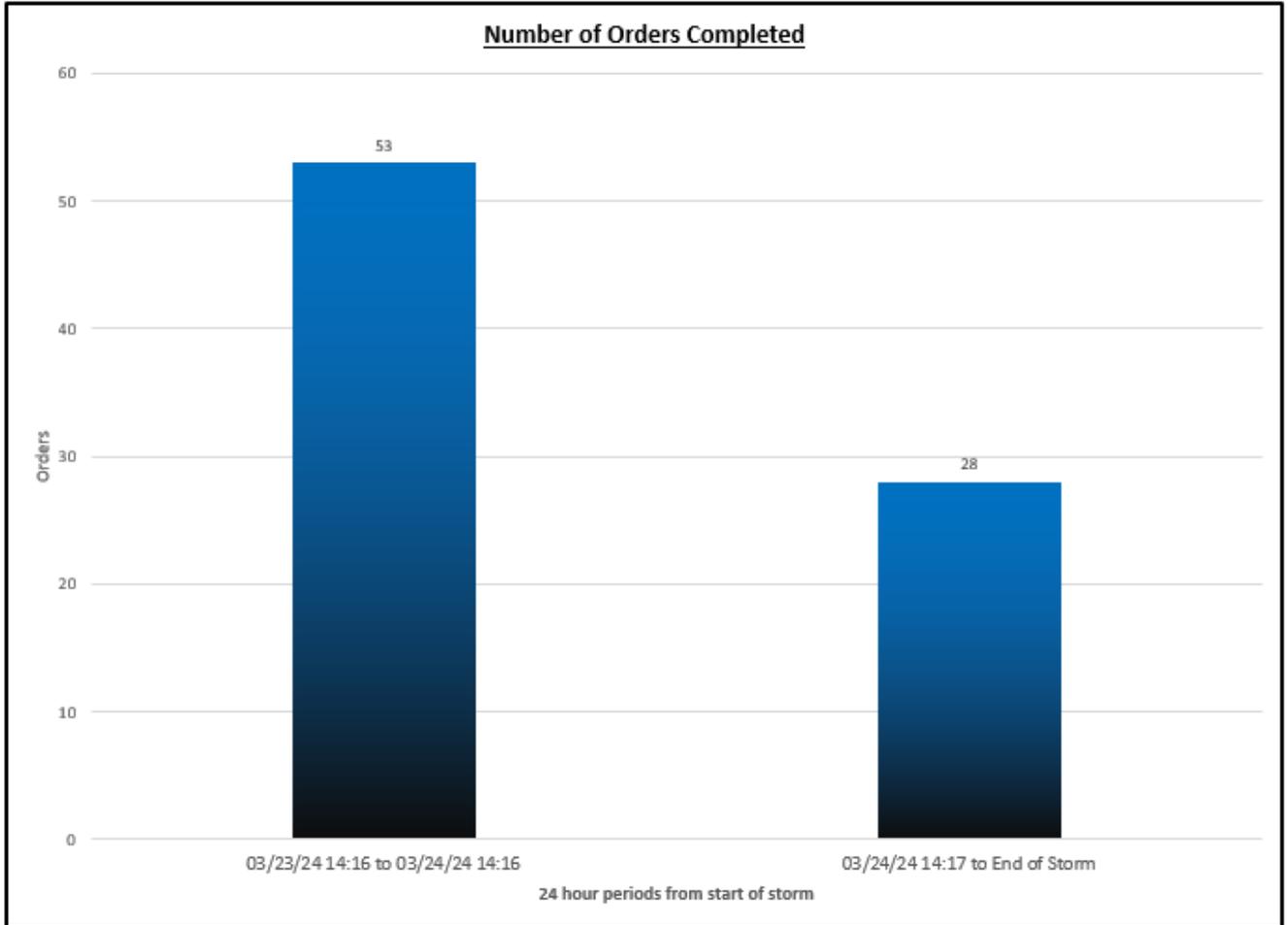
Graphic 3: 24-Hour Total Precipitation – March 23, 2024

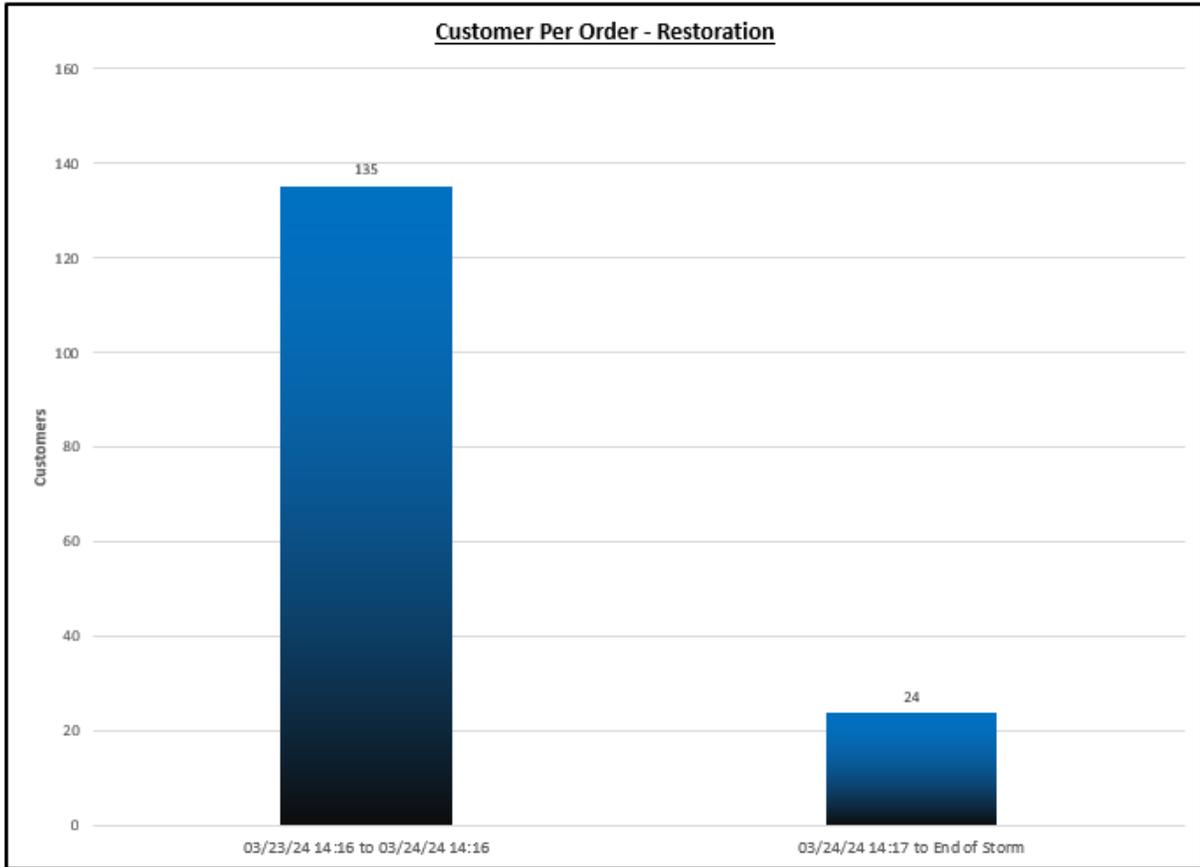


Attachment C: Order Restoration Curve



Attachment D: Order Restoration Graphs





Attachment E: Meteorologist Report

Friday, March 22, 2024 @ 0830

New Issuance:

One-time issuance for a storm system that will bring heavy rainfall to areas of eastern FE on Saturday. Some areas of eastern FE could receive in excess of 2-3” of rain during the day, leading to areas of brief, localized flooding.

Wind gusts are not expected to be significant but could gust 20-30 mph at times during the heaviest of rainfall.

See graphic below for further information.

Last Scheduled Update

