

Darsh Singh, Esq.

(610) 212-8331
Fax: (330) 315-9263

October 10, 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 September 21, 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)

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:

John Hawkins
(Name)

President Pennsylvania
(Title)

3. Telephone number: (330) 384-4795
(Telephone Number)

4. Date and time report was made to Commission:

September 22, 2024
(Date)

0800
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 23,421 (Represents 4.0% 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	10	4	10
Berks	1,348	32	42
Bucks	64	2	4
Cumberland	10	4	5
Dauphin	296	14	3
Lancaster	171	4	1
Lebanon	2,542	20	18
Monroe	981	4	17
Montgomery	74	3	6
Northampton	1,063	8	14
York	16,862	117	134
Total	23,421	212	254

- (d) Approximate number of outage cases exceeding 6 or more hours in duration: 94
- (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 the evening of Saturday, September 21, 2024, a weather system moved through the Met-Ed service territory. The system produced storms with heavy precipitation and wind gusts of approximately 35 miles per hour. See Attachment B for the maximum wind gusts for September 21 - 22, 2024 and the 24-hour total precipitation for September 21 - 23, 2024.

Damage as a result of the thunderstorms included downed trees and wires, damaged or broken poles, and crossarms. Special equipment was required to replace several 90-foot poles. The York and Lebanon districts were the hardest hit areas. Approximately 51.9% of the total outages that occurred were tree related with an additional 18.4% related to line and equipment failure.

Preliminary data indicates the reliability impact of the storm was 10.1 minutes of SAIDI, 0.04 of SAIFI frequency, and an overall storm CAIDI of 250.23 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers affected would be restored by September 23, 2024 at 1300. 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
Asplundh Tree Expert Company	10	Forestry
Lewis Tree Service	8	Forestry
York Tree Service	3	Forestry
Subtotal	21	Forestry
FirstEnergy Service Company	4	Line
I.B. Abel	16	Line
Met-Ed Rate District	53	Line
NG Gilbert	5	Line
Subtotal	80	Line
I.B. Abel	1	Support
Met-Ed Rate District	6	Support
Subtotal	7	Support
Grand Total	108	

- (i) The date and time of the first information of a service interruption: September 21, 2024 at 2150.
- (j) The date and time that repair crews were assembled: September 21, 2024 at 0700.
- (k) The actual time that service was restored to the last affected customer: September 26, 2024 at 1129.

- (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	26
Secondary Spans Down	21
Crossarms Replaced	35
Cutouts Replaced	34
Poles Replaced	18
Transformers Replaced	10
Wire & Cable Replaced (feet)	3,650

- (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 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: 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
1356274	York	2	6,435	09/22/2024 0014	09/26/2024 1129
1355918	York	2	5,437	09/22/2024 0013	09/25/2024 1850
1355918	York	3	4,209	09/22/2024 0013	09/24/2024 2222
1358463	York	1	2,854	09/22/2024 0016	09/23/2024 2350
1358323	York	92	2,650	09/22/2024 0016	09/23/2024 2026
1357803	York	5	2,592	09/21/2024 2345	09/23/2024 1857
1354199	York	5	2,498	09/21/2024 2339	09/23/2024 1717
1355918	York	68	2,492	09/22/2024 0013	09/23/2024 1745
1354230	Dauphin	3	2,475	09/21/2024 2356	09/23/2024 1711
1356025	York	102	2,292	09/21/2024 2345	09/23/2024 1357
1354130	York	1	2,227	09/21/2024 2205	09/23/2024 1112
1354152	York	1	2,215	09/21/2024 2227	09/23/2024 1122
1356024	York	2	2,157	09/21/2024 2345	09/23/2024 1142
1356488	York	7	2,151	09/22/2024 0001	09/23/2024 1152
1354253	Lebanon	2	2,145	09/22/2024 0004	09/23/2024 1149
1356347	York	165	2,142	09/21/2024 2355	09/23/2024 1137
1356552	York	3	2,048	09/21/2024 2352	09/23/2024 1000
1356461	York	1	2,004	09/21/2024 2355	09/23/2024 0919
1359493	York	3	1,895	09/23/2024 1416	09/24/2024 2151
1357410	York	23	1,869	09/23/2024 1005	09/24/2024 1714
1355583	Lebanon	1	1,842	09/22/2024 0903	09/23/2024 1545
1356526	Dauphin	1	1,757	09/22/2024 0620	09/23/2024 1137
1356420	York	1	1,541	09/22/2024 1749	09/23/2024 1930
1355808	Dauphin	1	1,506	09/22/2024 1103	09/23/2024 1209
1357778	York	1	1,470	09/23/2024 1341	09/24/2024 1411
1354258	York	7	1,416	09/22/2024 0005	09/22/2024 2341
1357866	York	7	1,397	09/23/2024 1416	09/24/2024 1333
1356476	York	12	1,353	09/22/2024 0916	09/23/2024 0749
1357812	York	8	1,342	09/23/2024 1359	09/24/2024 1221
1355265	York	1	1,302	09/22/2024 0052	09/22/2024 2234
1355048	York	1	1,292	09/21/2024 2356	09/22/2024 2128
1359596	York	5	1,237	09/24/2024 1432	09/25/2024 1109

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 Rate District 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
1356138	Dauphin	3	1,234	09/22/2024 1457	09/23/2024 1131
1354234	York	15	1,213	09/21/2024 2358	09/22/2024 2011
1355584	York	14	1,189	09/22/2024 0352	09/22/2024 2341
1358402	York	1	1,135	09/23/2024 1924	09/24/2024 1419
1355254	York	2	1,122	09/22/2024 0035	09/22/2024 1917
1354182	Lebanon	29	1,066	09/21/2024 2312	09/22/2024 1658
1354199	York	598	1,064	09/21/2024 2339	09/22/2024 1723
1354750	York	17	1,052	09/22/2024 0242	09/22/2024 2014
1356648	York	2	1,012	09/22/2024 2018	09/23/2024 1310
1354279	York	25	943	09/22/2024 0014	09/22/2024 1557
1355918	York	10	941	09/22/2024 0013	09/22/2024 1554
1356629	York	4	924	09/22/2024 1942	09/23/2024 1106
1356872	York	1	880	09/22/2024 2235	09/23/2024 1315
1356605	Dauphin	20	862	09/22/2024 0447	09/22/2024 1909
1354982	Dauphin	12	861	09/22/2024 0447	09/22/2024 1908
1354227	Lancaster	49	845	09/21/2024 2355	09/22/2024 1400
1354206	York	101	828	09/21/2024 2345	09/22/2024 1333
1355197	York	8	819	09/21/2024 2334	09/22/2024 1313
1355065	York	1	807	09/22/2024 0612	09/22/2024 1939
1361590	Dauphin	1	788	09/25/2024 2221	09/26/2024 1129
1354218	York	4	787	09/22/2024 0000	09/22/2024 1307
1356997	Berks	91	783	09/22/2024 2312	09/23/2024 1215
1354243	York	8	758	09/22/2024 0002	09/22/2024 1240
1354278	York	24	732	09/22/2024 0013	09/22/2024 1225
1355154	York	1	701	09/22/2024 0709	09/22/2024 1850
1354279	York	235	700	09/22/2024 0014	09/22/2024 1154
1357994	Cumberland	1	681	09/23/2024 1523	09/24/2024 0244
1358630	York	26	660	09/24/2024 0138	09/24/2024 1238
1361633	Dauphin	7	658	09/26/2024 0026	09/26/2024 1124
1356988	Berks	24	656	09/22/2024 2322	09/23/2024 1018
1355671	York	166	650	09/22/2024 0123	09/22/2024 1213
1354409	York	19	647	09/22/2024 0052	09/22/2024 1139
1354266	York	17	634	09/22/2024 0008	09/22/2024 1042
1354206	York	1125	607	09/21/2024 2345	09/22/2024 0952
1354278	York	61	590	09/22/2024 0013	09/22/2024 1003
1355299	York	19	583	09/22/2024 0823	09/22/2024 1806
1355266	York	1	565	09/22/2024 0053	09/22/2024 1018

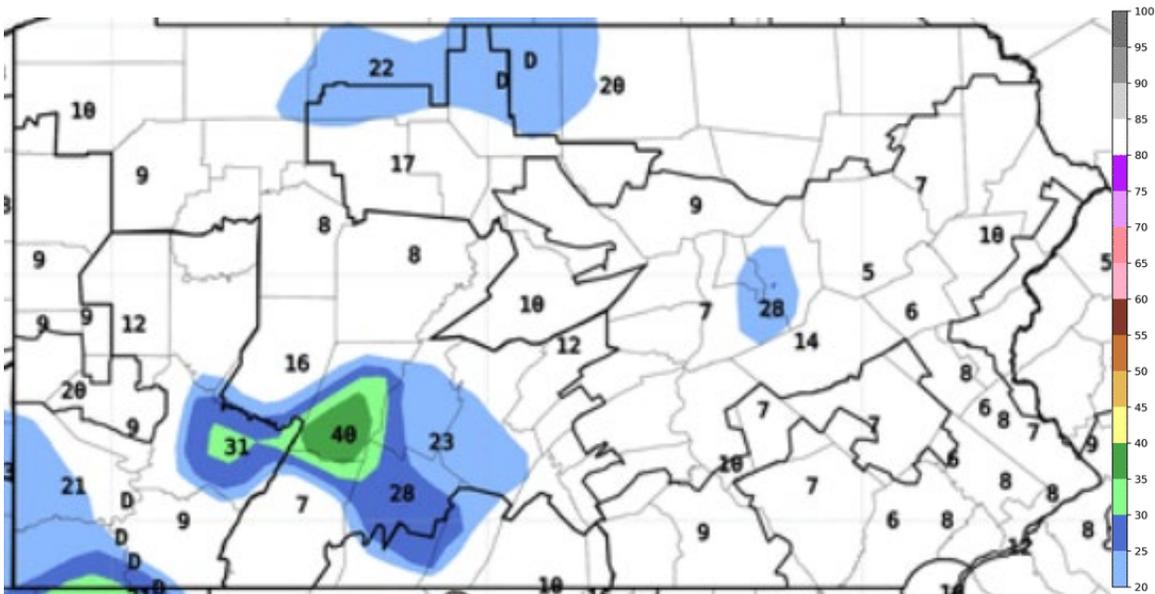
Met-Ed Rate District Storm Report

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
1358284	Northampton	19	564	09/23/2024 1611	09/24/2024 0135
1358514	Berks	27	559	09/23/2024 2215	09/24/2024 0734
1357170	York	1	551	09/23/2024 0654	09/23/2024 1605
1354522	York	3	529	09/22/2024 0142	09/22/2024 1031
1354349	York	32	520	09/22/2024 0037	09/22/2024 0917
1356596	York	1	517	09/22/2024 1855	09/23/2024 0332
1354371	York	25	517	09/22/2024 0040	09/22/2024 0917
1355102	York	784	509	09/22/2024 0123	09/22/2024 0952
1357131	Berks	2	508	09/23/2024 0437	09/23/2024 1305
1358033	Dauphin	61	495	09/23/2024 1531	09/23/2024 2346
1355768	York	1	491	09/22/2024 1034	09/22/2024 1845
1355240	York	13	484	09/22/2024 0754	09/22/2024 1558
1354187	York	14	476	09/21/2024 2334	09/22/2024 0730
1354332	York	96	476	09/22/2024 0032	09/22/2024 0828
1360056	Lebanon	21	475	09/25/2024 0232	09/25/2024 1027
1355004	Adams	1	451	09/22/2024 0542	09/22/2024 1313
1354207	York	272	413	09/21/2024 2346	09/22/2024 0639
1356959	York	1	410	09/23/2024 0044	09/23/2024 0734
1359189	Dauphin	8	399	09/24/2024 1102	09/24/2024 1741
1354334	York	26	391	09/22/2024 0033	09/22/2024 0704
1354199	York	539	380	09/21/2024 2339	09/22/2024 0559
1358560	Lebanon	9	370	09/23/2024 2327	09/24/2024 0537
1359949	York	21	364	09/24/2024 2028	09/25/2024 0232
1356121	York	150	364	09/22/2024 1450	09/22/2024 2054
1355568	Lebanon	4	361	09/22/2024 0854	09/22/2024 1455

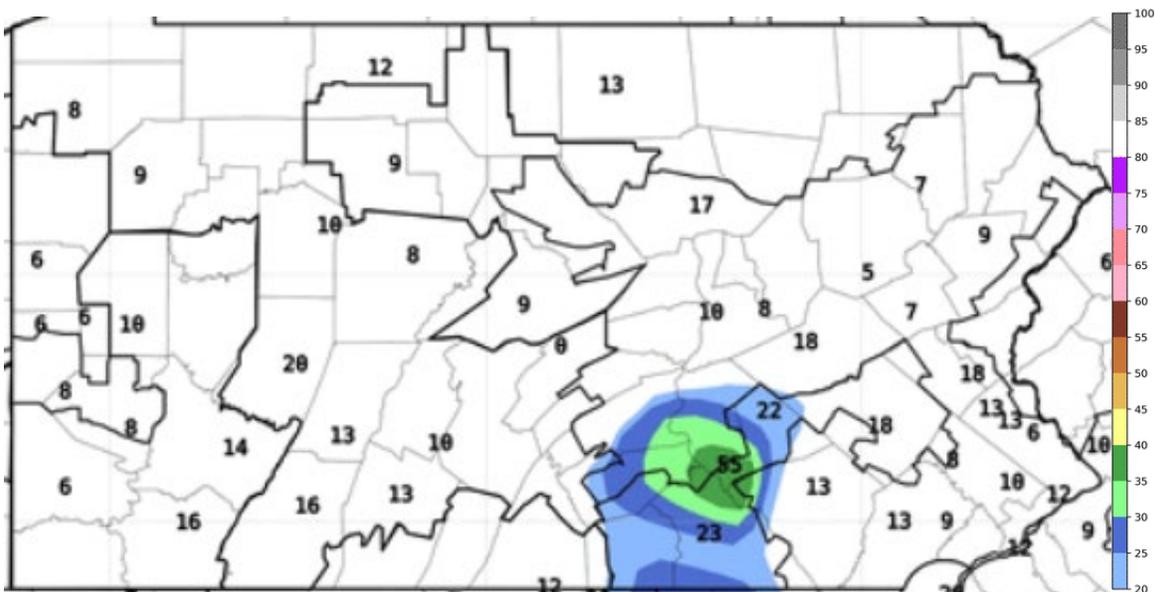
Attachment B: Wind and Precipitation Reports

Wind and Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the Met-Ed service territory on September 21 - 22, 2024. Graphics 3 through 5 illustrate the 24-Hour Total Precipitation in the Met-Ed service territory on September 21 - 23, 2024. All graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

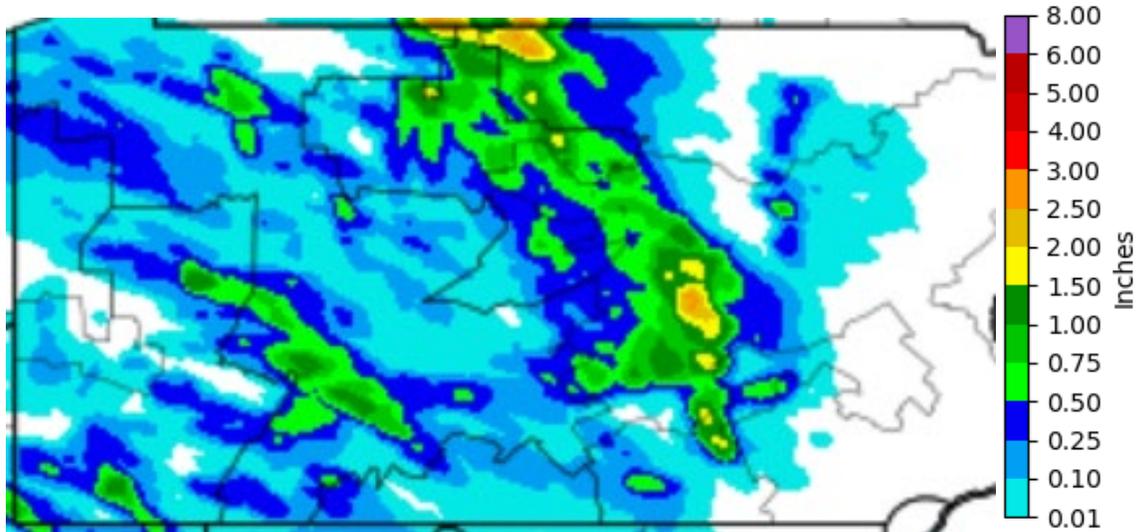
Graphic 1: Maximum Wind Gusts: Saturday, September 21, 2024



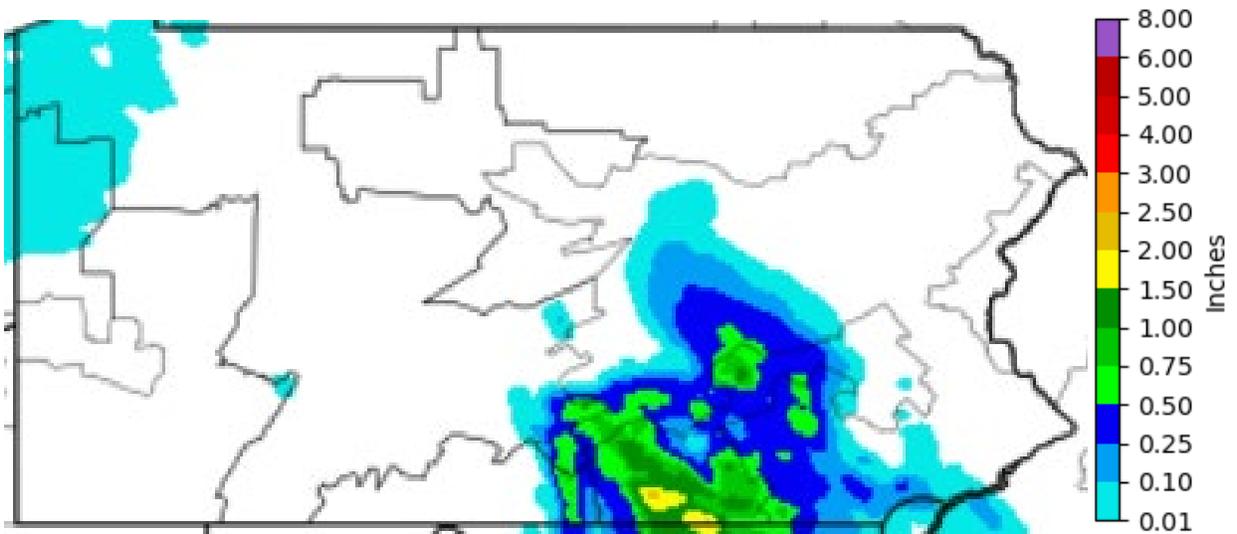
Graphic 2: Maximum Wind Gusts: Sunday, September 22, 2024



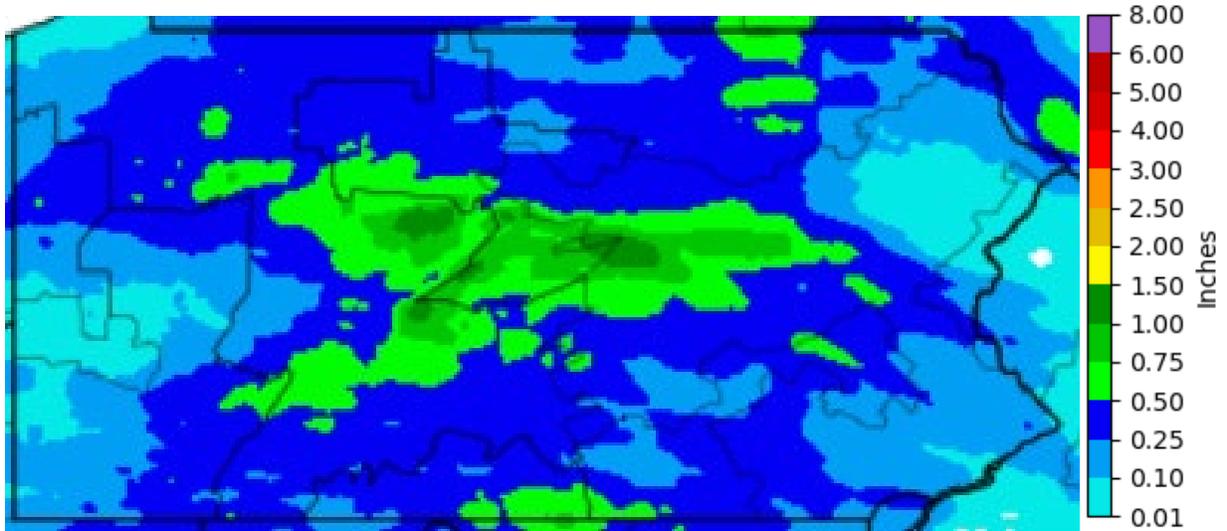
Graphic 3: 24-Hour Total Precipitation: Saturday, September 21, 2024



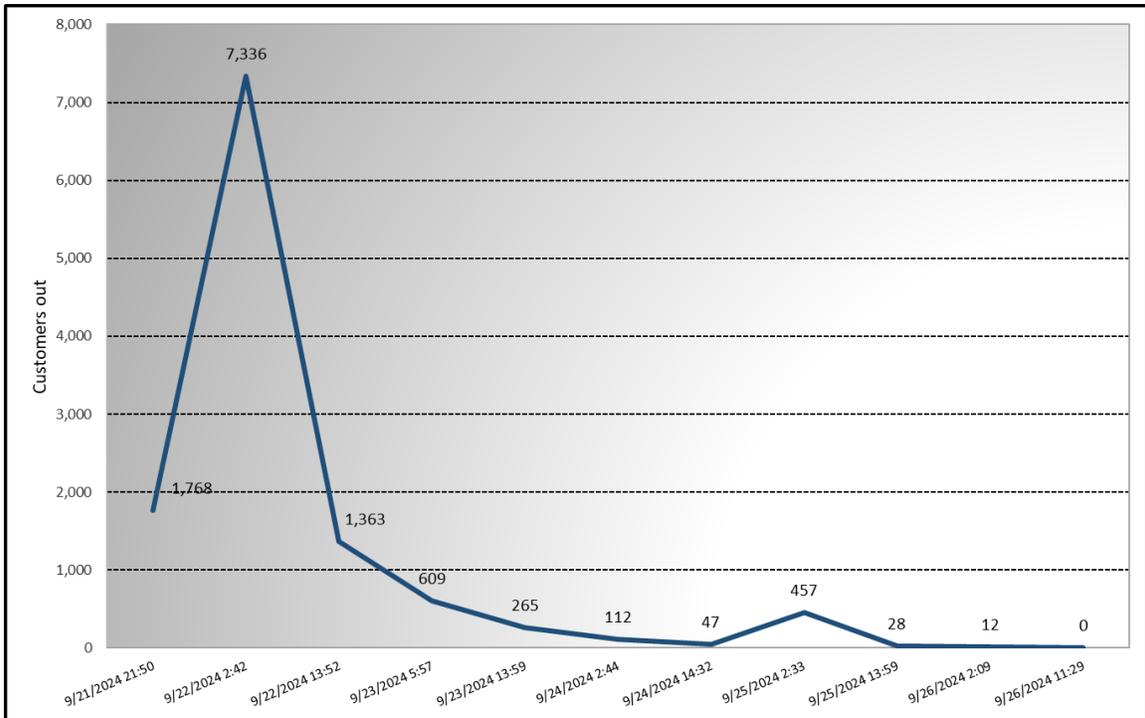
Graphic 4: 24-Hour Total Precipitation: Sunday, September 22, 2024



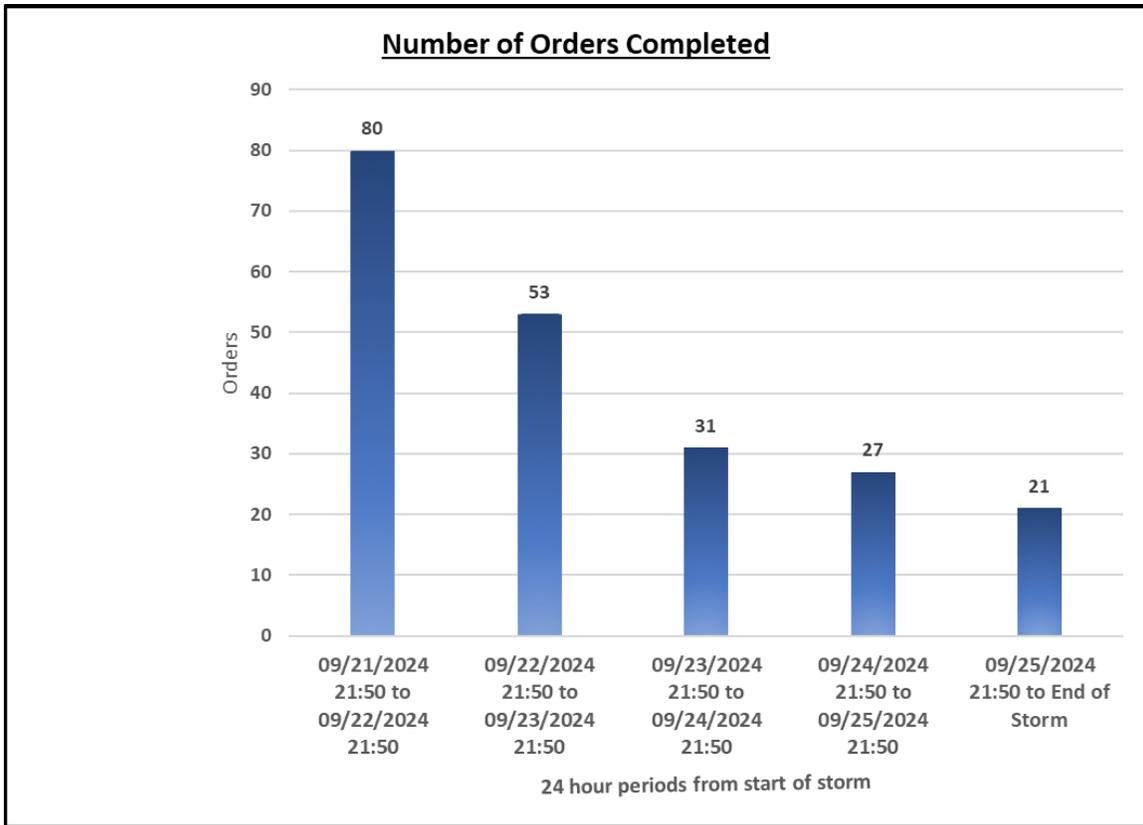
Graphic 5: 24-Hour Total Precipitation: Monday, September 23, 2024



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs





Attachment E: Meteorologist Report

Saturday, September 21, 2024 @ 0900

New Issuance:

One time issuance for Saturday, as scattered storms are expected to develop across areas of central FE this afternoon and evening. A few of these storms may become strong or severe, capable of a few pockets of damaging gusts across the area.

See graphic below for more information.

