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December 12, 2022

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

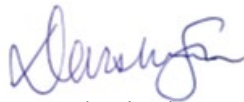
Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, West Penn Power Company (“West Penn”) submits written notification of completed restoration efforts following storm conditions that began on November 27, 2022 that caused multiple service interruptions in the West Penn 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: West Penn Power Company ("West Penn")
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:

November 27, 2022 2038
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 9,795 (Represents 1.4% of West Penn'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
Allegheny	247	4	0
Armstrong	132	7	0
Butler	39	7	0
Centre	50	3	0
Elk	1,032	3	0
Fayette	913	23	2
Franklin	44	1	1
Greene	270	17	1
Washington	5,237	41	4
Westmoreland	1,831	90	10
Total	9,795	196	18

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 115

(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 afternoon of Sunday, November 27, 2022, high winds and thunderstorms moved throughout the West Penn service territory. Wind gusts of 60 miles per hour were reported in West Penn’s southern region. See Attachment B for the wind graphic and the 24-hour total precipitation for November 27, 2022.

Damage as a result of the thunderstorms included significant tree damage caused by high winds and lightning which brought down conductor and poles and damaged crossarms. Restoration efforts were affected by the need for off-road repairs The Charleroi, Jeannette, and Uniontown regions were the hardest hit areas. Approximately 58% of the total outages that occurred in the West Penn service territory were tree related.

Preliminary data indicates the reliability impact of the storm was 10.2 minutes of SAIDI, 0.01 SAIFI frequency, and an overall storm CAIDI of 758.21 minutes.

(g) Projected time of restoration: The estimated time of restoration for the majority of customers was November 28, 2022 at 1000, with a few isolated customers extending beyond that time.

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
West Penn Power	122	Line Workers
Ohio Edison	16	Line Workers
Penelec	19	Line Workers
Penn Power	4	Line Workers
Subtotal	161	Line Workers
Penn Line Services	57	Forestry Contractor
Asplundh Tree	22	Forestry Contractor
Subtotal	79	Forestry Contractor
CW Wright Construction	21	Line Contractor
JW Didado	7	Line Contractor
Penn Line	6	Line Contractor
PoleSet Inc.	8	Line Contractor
Thompson Electric	16	Line Contractor
Subtotal	58	Line Contractor
West Penn Power	4	Hazard Responders/Damage Assessors
FirstEnergy Service Co.	9	Hazard Responders/Damage Assessors
Subtotal	13	Hazard Responders/Damage Assessors
West Penn Power	52	Supporting Roles
FirstEnergy Service Co.	52	Supporting Roles
Ohio Edison	1	Supporting Roles
Penelec	2	Supporting Roles
Penn Power	1	Supporting Roles
Contractors (Various)	7	Supporting Roles
Subtotal	115	Supporting Roles
Grand Total	426	

- (i) The date and time of the first information of a service interruption: November 27, 2022 at 1317.

- (j) The date and time that repair crews were assembled: November 27, 2022 at 1400.

- (k) The actual time that service was restored to the last affected customer: November 29, 2022, at 1210.
- (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	106
Secondary Spans Down	13
Crossarms Replaced	57
Cutouts Replaced	103
Poles Replaced	21
Transformers Replaced	20
Wire & Cable Replaced (feet)	14,628

- (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 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
78293	Washington	17	2,719	11/27/2022 1431	11/29/2022 1150
76145	Westmoreland	1	2,657	11/27/2022 1553	11/29/2022 1210
78276	Washington	7	2,195	11/27/2022 1444	11/29/2022 0319
78394	Washington	441	2,157	11/27/2022 1436	11/29/2022 0233
78394	Washington	441	2,157	11/27/2022 1436	11/29/2022 0233
76069	Westmoreland	4	2,024	11/27/2022 1546	11/29/2022 0130
76127	Greene	1	1,955	11/27/2022 1550	11/29/2022 0025
77399	Westmoreland	2	1,943	11/27/2022 1508	11/28/2022 2331
78264	Washington	13	1,778	11/27/2022 1431	11/28/2022 2009
76631	Greene	22	1,745	11/27/2022 1830	11/28/2022 2335
77814	Greene	6	1,732	11/27/2022 1411	11/28/2022 1903
75260	Washington	604	1,723	11/27/2022 1431	11/28/2022 1914
75260	Washington	604	1,723	11/27/2022 1431	11/28/2022 1914
77894	Washington	137	1,709	11/27/2022 1431	11/28/2022 1900
75252	Washington	527	1,694	11/27/2022 1433	11/28/2022 1847
77431	Washington	1	1,685	11/28/2022 0739	11/29/2022 1144
75554	Fayette	6	1,663	11/27/2022 1452	11/28/2022 1835
75346	Greene	7	1,617	11/27/2022 1438	11/28/2022 1735
76530	Washington	3	1,600	11/27/2022 1758	11/28/2022 2038
77010	Westmoreland	1	1,569	11/27/2022 1528	11/28/2022 1737
77010	Westmoreland	1	1,569	11/27/2022 1528	11/28/2022 1737
75240	Greene	8	1,555	11/27/2022 1427	11/28/2022 1622
77813	Westmoreland	5	1,554	11/27/2022 1552	11/28/2022 1746
76306	Greene	5	1,546	11/27/2022 1644	11/28/2022 1830
77015	Westmoreland	9	1,529	11/27/2022 1529	11/28/2022 1658
76199	Westmoreland	1	1,523	11/27/2022 1607	11/28/2022 1730
75501	Westmoreland	3	1,508	11/27/2022 1446	11/28/2022 1554
78290	Washington	69	1,493	11/27/2022 2020	11/28/2022 2113
76266	Washington	1	1,492	11/27/2022 1630	11/28/2022 1722
76810	Westmoreland	2	1,489	11/27/2022 1650	11/28/2022 1739
77176	Westmoreland	3	1,473	11/27/2022 1527	11/28/2022 1600
77176	Westmoreland	3	1,473	11/27/2022 1527	11/28/2022 1600
76666	Westmoreland	2	1,433	11/27/2022 1842	11/28/2022 1835
75348	Fayette	13	1,432	11/27/2022 1438	11/28/2022 1430

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.

West Penn 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
75565	Washington	1	1,427	11/27/2022 1453	11/28/2022 1440
75775	Westmoreland	11	1,420	11/27/2022 1512	11/28/2022 1452
75754	Greene	2	1,406	11/27/2022 1459	11/28/2022 1425
76611	Westmoreland	2	1,401	11/27/2022 1539	11/28/2022 1500
76132	Westmoreland	3	1,399	11/27/2022 1551	11/28/2022 1510
77673	Westmoreland	3	1,395	11/27/2022 1515	11/28/2022 1430
77673	Westmoreland	3	1,395	11/27/2022 1515	11/28/2022 1430
77673	Westmoreland	3	1,395	11/27/2022 1515	11/28/2022 1430
77673	Westmoreland	3	1,395	11/27/2022 1515	11/28/2022 1430
75689	Fayette	6	1,384	11/27/2022 1506	11/28/2022 1410
75173	Greene	7	1,382	11/27/2022 1418	11/28/2022 1320
75901	Westmoreland	3	1,350	11/27/2022 1526	11/28/2022 1356
75838	Westmoreland	5	1,347	11/27/2022 1517	11/28/2022 1344
75493	Fayette	6	1,345	11/27/2022 1445	11/28/2022 1310
76386	Westmoreland	15	1,341	11/27/2022 1516	11/28/2022 1337
77388	Westmoreland	4	1,337	11/27/2022 1858	11/28/2022 1715
75570	Westmoreland	6	1,337	11/27/2022 1453	11/28/2022 1310
75627	Westmoreland	3	1,334	11/27/2022 1500	11/28/2022 1314
75751	Washington	1	1,323	11/27/2022 1511	11/28/2022 1314
75719	Westmoreland	9	1,317	11/27/2022 1508	11/28/2022 1305
77277	Fayette	2	1,313	11/27/2022 2004	11/28/2022 1757
76604	Westmoreland	2	1,306	11/27/2022 1735	11/28/2022 1521
77664	Westmoreland	6	1,302	11/27/2022 1505	11/28/2022 1247
76589	Westmoreland	18	1,292	11/27/2022 1532	11/28/2022 1304
76115	Washington	7	1,290	11/27/2022 1548	11/28/2022 1318
75435	Washington	22	1,282	11/27/2022 1442	11/28/2022 1204
75165	Greene	51	1,281	11/27/2022 1416	11/28/2022 1137
75128	Greene	14	1,272	11/27/2022 1411	11/28/2022 1123
75238	Greene	81	1,246	11/27/2022 1415	11/28/2022 1100
76435	Westmoreland	1	1,231	11/27/2022 1729	11/28/2022 1400
75594	Fayette	9	1,230	11/27/2022 1457	11/28/2022 1127
76881	Fayette	23	1,209	11/27/2022 1451	11/28/2022 1100
76881	Fayette	23	1,209	11/27/2022 1451	11/28/2022 1100
77524	Westmoreland	3	1,201	11/27/2022 2111	11/28/2022 1712
77524	Westmoreland	3	1,201	11/27/2022 2111	11/28/2022 1712
75847	Westmoreland	36	1,201	11/27/2022 1518	11/28/2022 1119

West Penn 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
75325	Fayette	10	1,179	11/27/2022 1436	11/28/2022 1015
77071	Westmoreland	1	1,176	11/27/2022 2318	11/28/2022 1854
77071	Westmoreland	1	1,176	11/27/2022 2318	11/28/2022 1854
76128	Washington	4	1,159	11/27/2022 1550	11/28/2022 1109
75834	Westmoreland	4	1,143	11/27/2022 1517	11/28/2022 1020
75630	Westmoreland	12	1,132	11/27/2022 1501	11/28/2022 0953
75579	Westmoreland	111	1,131	11/27/2022 1454	11/28/2022 0945
76449	Fayette	19	1,114	11/27/2022 1441	11/28/2022 0915
76201	Washington	5	1,040	11/27/2022 1608	11/28/2022 0928
75631	Washington	5	1,027	11/27/2022 1501	11/28/2022 0808
75833	Westmoreland	14	1,019	11/27/2022 1517	11/28/2022 0816
77446	Westmoreland	7	1,010	11/27/2022 1510	11/28/2022 0800
75743	Westmoreland	18	1,006	11/27/2022 1510	11/28/2022 0756
76193	Westmoreland	6	1,003	11/27/2022 1604	11/28/2022 0847
75330	Greene	6	1,001	11/27/2022 1436	11/28/2022 0717
77067	Fayette	2	935	11/27/2022 2125	11/28/2022 1300
77067	Fayette	2	935	11/27/2022 2125	11/28/2022 1300
77085	Westmoreland	2	868	11/27/2022 2023	11/28/2022 1051
76460	Fayette	3	859	11/27/2022 1738	11/28/2022 0757
76467	Westmoreland	58	806	11/27/2022 1527	11/28/2022 0453
76837	Westmoreland	14	746	11/27/2022 1554	11/28/2022 0420
75716	Westmoreland	18	718	11/27/2022 1545	11/28/2022 0343
76962	Westmoreland	15	695	11/27/2022 2111	11/28/2022 0846
77191	Westmoreland	17	661	11/27/2022 1532	11/28/2022 0233
76045	Westmoreland	1	621	11/27/2022 1539	11/28/2022 0200
76556	Butler	10	599	11/27/2022 1810	11/28/2022 0409
77121	Westmoreland	26	573	11/27/2022 1526	11/28/2022 0059
77121	Westmoreland	26	573	11/27/2022 1526	11/28/2022 0059
75422	Washington	3	563	11/27/2022 1442	11/28/2022 0005
75912	Westmoreland	24	560	11/27/2022 1527	11/28/2022 0047
78324	Greene	14	543	11/28/2022 1939	11/29/2022 0442
76588	Westmoreland	8	528	11/27/2022 1532	11/28/2022 0020
78468	Westmoreland	1	513	11/28/2022 1607	11/29/2022 0040
75840	Westmoreland	110	474	11/27/2022 1518	11/27/2022 2312
76506	Washington	129	468	11/27/2022 1447	11/27/2022 2235
76348	Butler	1	460	11/27/2022 1702	11/28/2022 0042

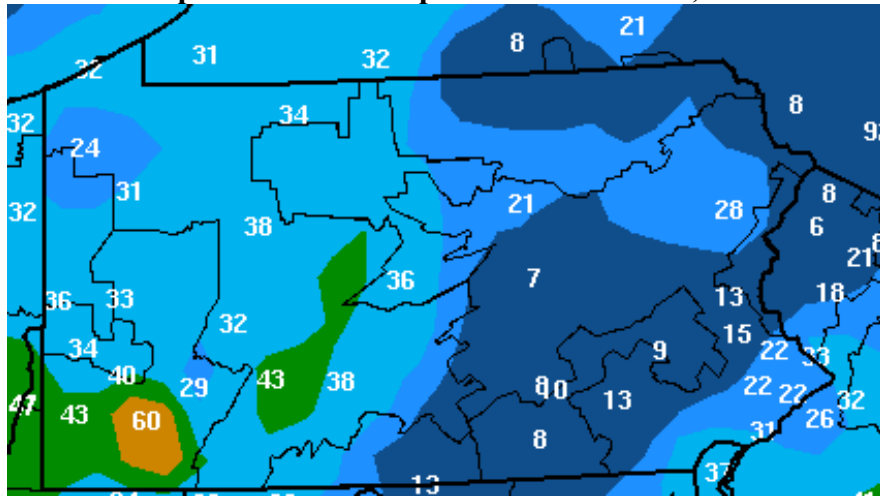
West Penn Storm Report

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
78314	Westmoreland	1	440	11/28/2022 1440	11/28/2022 2200
76451	Washington	4	439	11/27/2022 1507	11/27/2022 2226
76613	Westmoreland	26	433	11/27/2022 1542	11/27/2022 2255
75780	Washington	2	428	11/27/2022 1513	11/27/2022 2221
75678	Westmoreland	62	387	11/27/2022 1505	11/27/2022 2132
75928	Westmoreland	41	386	11/27/2022 1528	11/27/2022 2154
77053	Westmoreland	1	368	11/27/2022 1700	11/27/2022 2308
77053	Westmoreland	1	368	11/27/2022 1700	11/27/2022 2308
76315	Allegheny	197	363	11/27/2022 1528	11/27/2022 2131

Attachment B: Wind and Precipitation Reports

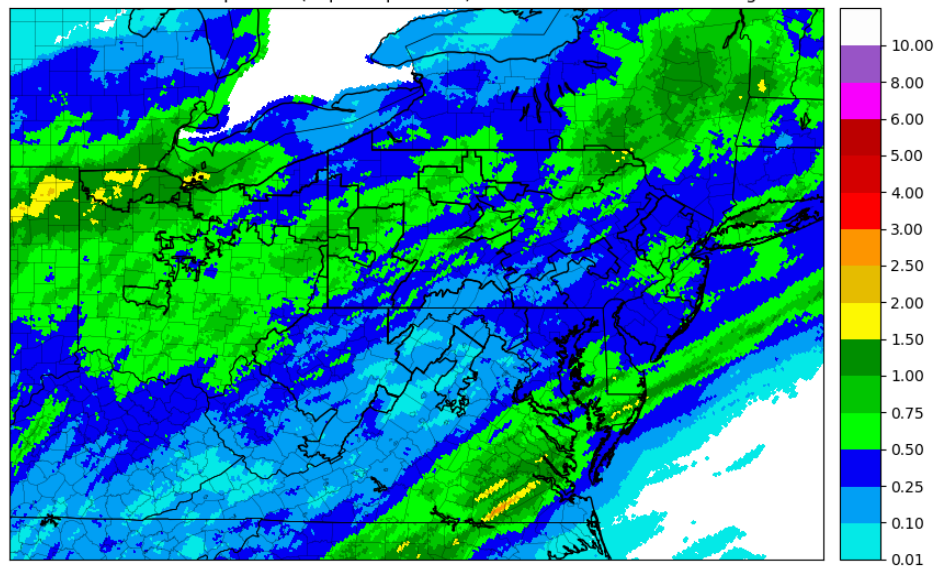
Wind and Precipitation Reports: Graphic 1 illustrates the wind speed in the West Penn service territory on November 27, 2022. Graphic 2 illustrates the 24-Hour Total Precipitation in the West Penn service territory on November 27, 2022. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

Graphic 1: Wind Graphic – November 27, 2022

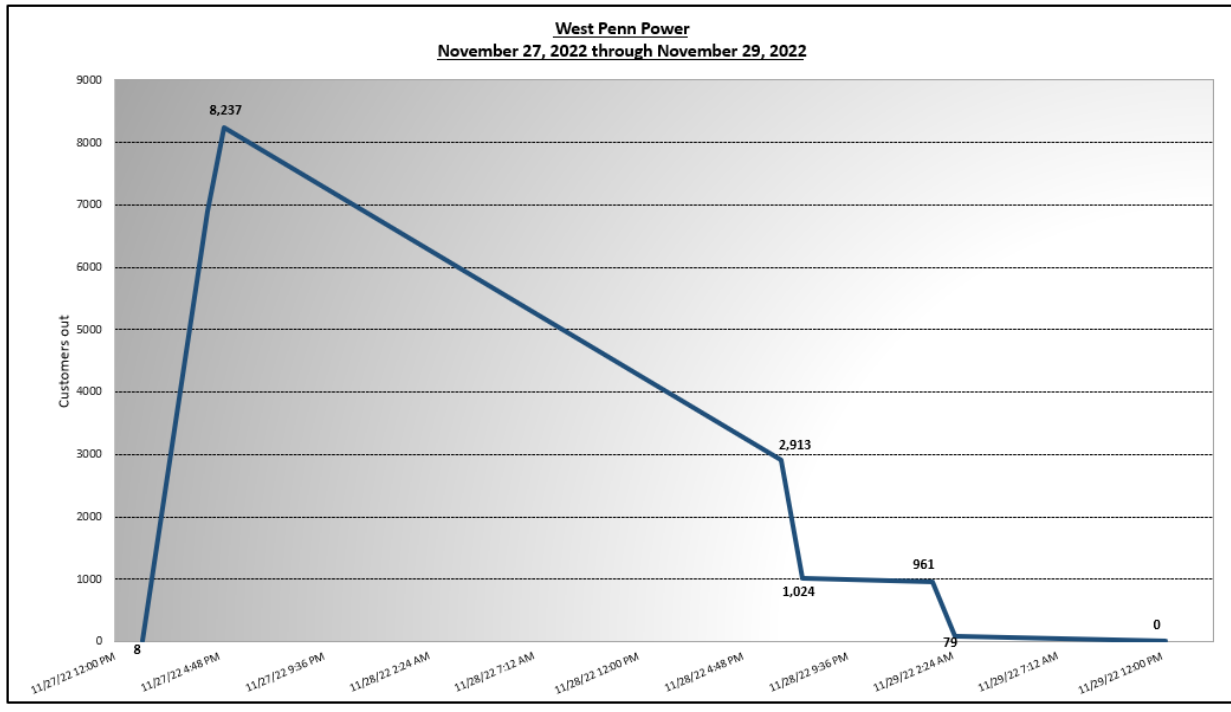


Graphic 2: 24-Hour Total Precipitation: November 27, 2022

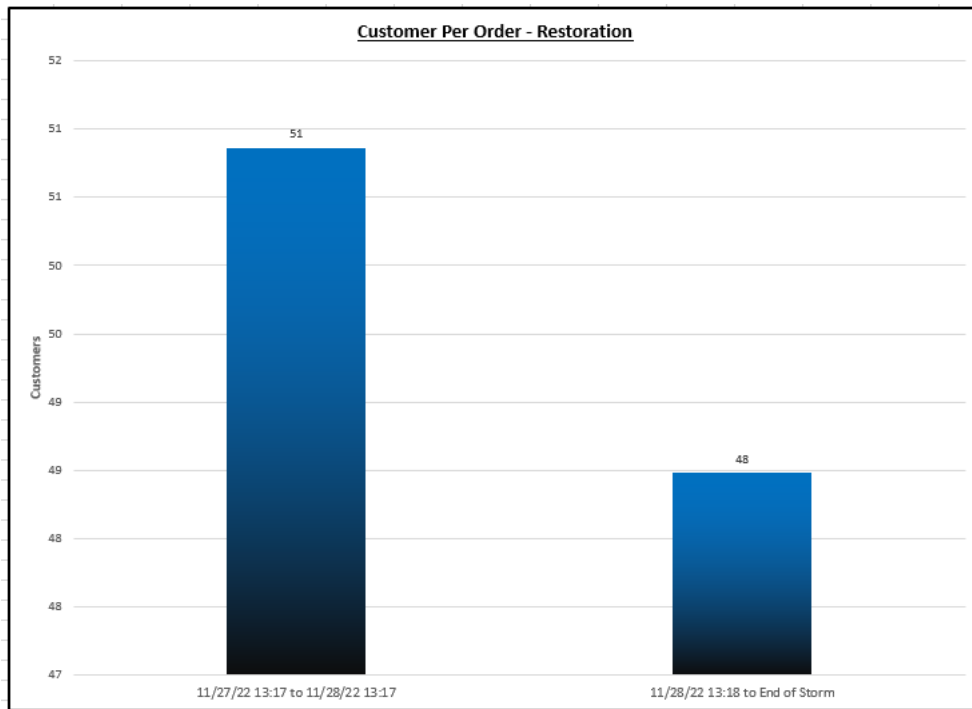
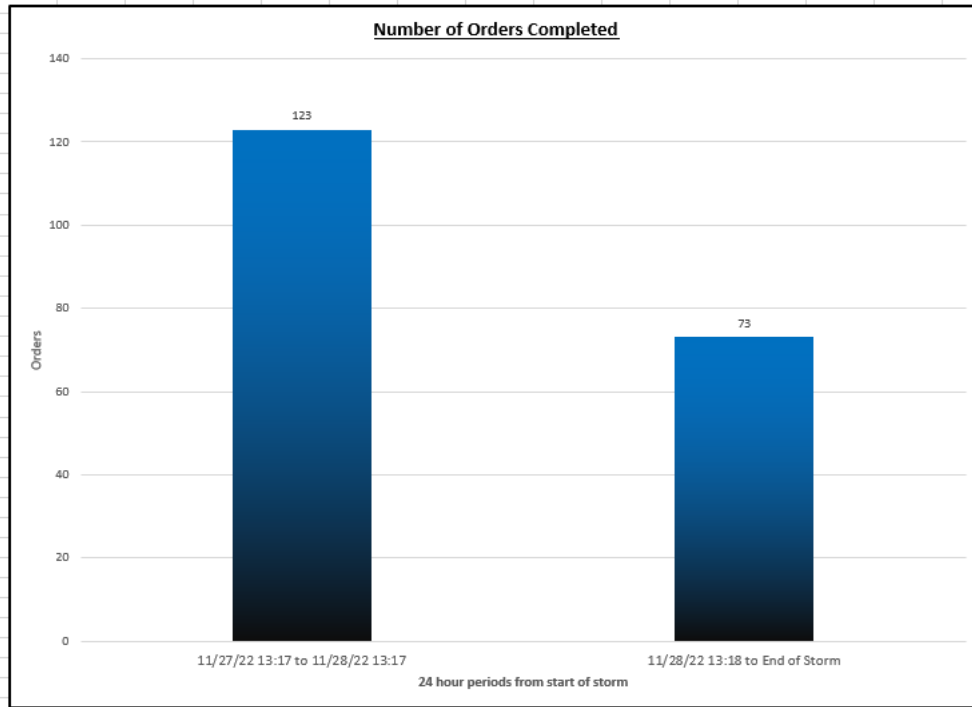
24 Hour Total Precipitation (Liquid Equivalent) for 27 Nov 22 from NOAA Stage 4



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



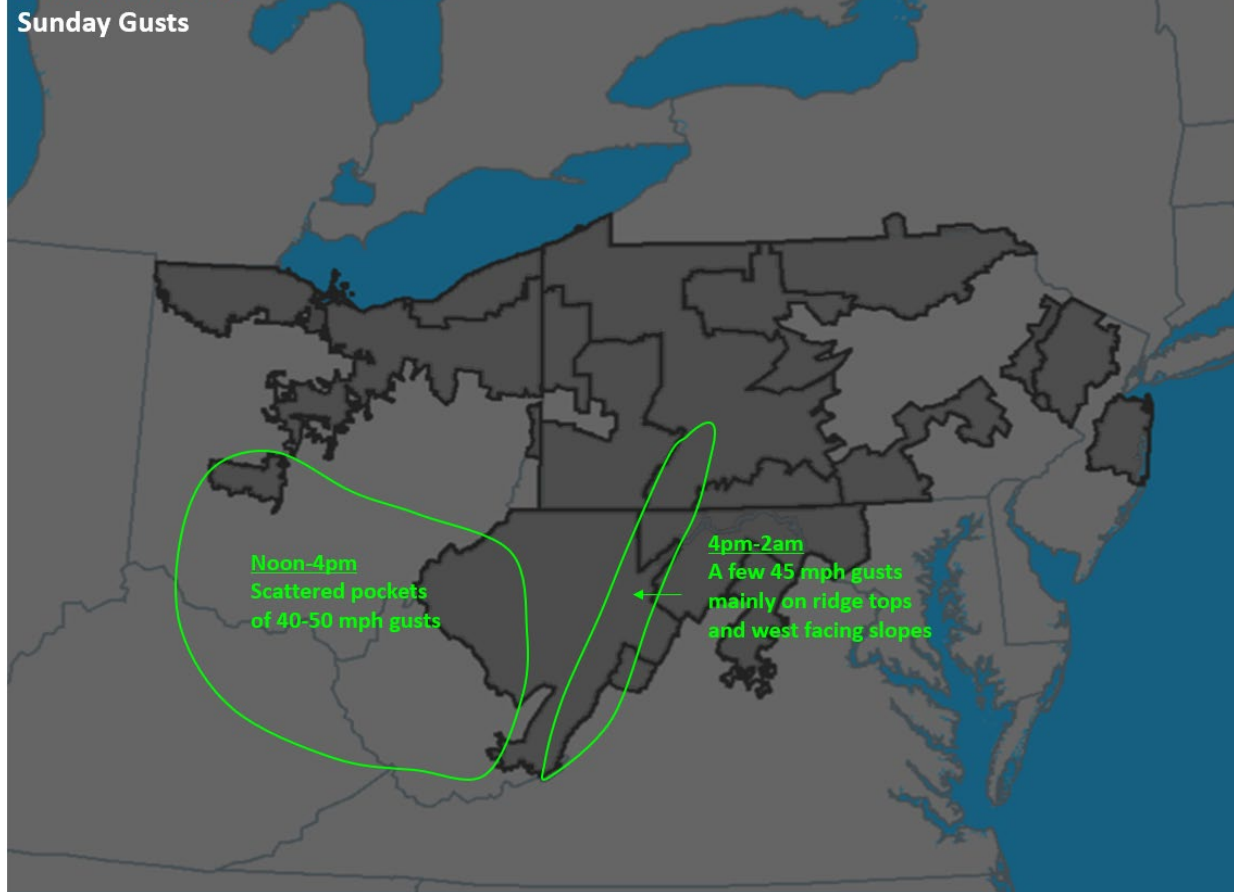
Attachment E: Meteorologist Reports

Friday, November 25, 2022 @ 1018

New issuance for a period of gusts the second half of Sunday. Confidence is below normal with the occurrence of the OH/WV area and is normal for the WV/MD/PA area.

See graphic below for further details.

For internal use only. Highlighted areas depict greatest risk for damaging weather; risk levels too low to specify elsewhere



Saturday, November 26, 2022 @ 1021

Changes: Merged yesterday’s areas and fine-tuned timing. Confidence is above normal for this graphic. This will be the final update unless significant changes are expected.

It is also worth mentioning the outline areas have a risk of passing thunder with the frontal passage tomorrow (but no severe storms are expected).

See graphic below for further details.

