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July 28, 2023

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 –
West Penn Power 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 July 13, 2023, 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 Drive
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:

July 13, 2023 2137
(Date) *(Time)*

5. Interruption or Outage:

(a) Number of customers affected: 29,076 (Represents 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	3,432	36	86
Armstrong	200	7	12
Bedford	108	10	4
Bedford	1	1	0
Butler	29	4	5
Cameron	7	1	1
Centre	5,240	53	84
Clarion	197	3	3
Clinton	365	6	3
Fayette	339	13	26
Franklin	36	2	4
Fulton	72	6	5
Greene	263	9	3
Indiana	1,406	1	1
McKean	3	1	1
Washington	12,353	108	141
Westmoreland	5,025	101	121
Total	29,076	362	500

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 222

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

(d) Reason for the interruption or outages: Beginning the evening of Thursday, July 13, 2023, thunderstorms moved through western Pennsylvania impacting areas of the West Penn service territory. The storm produced heavy rains, lightning, and wind gusts in excess of 60 miles per hour. During the afternoon of Friday, July 14, 2023, as crews were working to restore outages caused by the Thursday storms, an additional storm system moved through central Pennsylvania, including areas of the West Penn service territory. These storms produced heavy rains, lightning, and wind gusts in excess of 40 miles per hour. See Attachment B for the maximum wind gusts and 24-hour total precipitation for July 13 and 14, 2023.

(e) Damage as a result of the storms included downed trees/power lines, damaged and broken poles/crossarms, and damaged equipment. The Arnold, Boyce, State College, and Washington districts were the hardest hit areas. Approximately 68.5% of the total outages that occurred were tree related.

Preliminary data indicate the reliability impact of the storm was 13.8 minutes of SAIDI, 0.04 of SAIFI, and an overall storm CAIDI of 345.45 minutes.

(g) Projected time of restoration: It was estimated that the majority of customers from the

Thursday, July 13 storms would be restored by 2300 on July 14, 2023 and the majority of customers from the Friday, July 14 storms would be restored by 2300 on July 15, 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
West Penn	188	Line Workers
Penelec	11	Line Workers
Subtotal	199	
CW Wright	6	Line Contractor
NG Gilbert	6	Line Contractor
Thompson Electric	3	Line Contractor
Subtotal	15	
Asplundh Tree Expert	57	Forestry Contractor
Penn Line Services, LLC	16	Forestry Contractor
Subtotal	73	
West Penn	11	Hazard Responders/Damage Assessors
FirstEnergy Service Co.	2	Hazard Responders/Damage Assessors
Subtotal	13	
West Penn	58	Supporting Roles
FirstEnergy Service Co.	49	Supporting Roles
Contractors (Various)	1	Supporting Roles
Subtotal	108	
Grand Total	408	

- (i) The date and time of the first information of a service interruption: July 13, 2023 at 1951.
- (j) The date and time that repair crews were assembled: July 13, 2023 at 2000.
- (k) The actual time that service was restored to the last affected customer: July 16, 2023 at 1824.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans	176
Secondary Spans	5
Crossarms Replaced	78
Cutouts Replaced	39
Poles Replaced	21
Transformers Replaced	36
Wire & Cable Replaced (feet)	15,972

(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 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
324318	Washington	1	2,824	7/13/2023 19:59	7/15/2023 19:03
322709	Washington	9	2,668	7/13/2023 20:00	7/15/2023 16:28
325448	Westmoreland	1	2,649	7/13/2023 21:26	7/15/2023 17:35
324680	Washington	4	2,635	7/13/2023 20:05	7/15/2023 16:00
325028	Westmoreland	1	2,591	7/13/2023 21:04	7/15/2023 16:15
321612	Washington	6	2,455	7/13/2023 20:10	7/15/2023 13:05
323020	Washington	36	2,444	7/13/2023 19:56	7/15/2023 12:40
324686	Washington	3	2,411	7/13/2023 19:59	7/15/2023 12:10
326177	Westmoreland	6	2,410	7/13/2023 21:15	7/15/2023 13:25
323097	Westmoreland	1	2,410	7/13/2023 21:15	7/15/2023 13:25
325610	Greene	7	2,382	7/14/2023 23:08	7/16/2023 14:50
322939	Washington	3	2,338	7/13/2023 19:56	7/15/2023 10:54
322742	Washington	1	2,295	7/13/2023 20:16	7/15/2023 10:31
323408	Washington	11	2,288	7/13/2023 19:59	7/15/2023 10:07
326471	Allegheny	1	2,253	7/14/2023 3:49	7/15/2023 17:22
324347	Allegheny	1	2,248	7/13/2023 20:22	7/15/2023 9:50
321608	Washington	4	2,244	7/13/2023 20:10	7/15/2023 9:34
323271	Westmoreland	2	2,229	7/13/2023 21:21	7/15/2023 10:30
323030	Washington	2	2,227	7/13/2023 20:10	7/15/2023 9:17
324681	Washington	3	2,209	7/13/2023 20:05	7/15/2023 8:54
322397	Washington	2	2,202	7/13/2023 21:43	7/15/2023 10:25
325821	Allegheny	12	2,184	7/13/2023 21:01	7/15/2023 9:25
324057	Washington	3	2,172	7/13/2023 20:23	7/15/2023 8:35
322864	Washington	1	2,029	7/14/2023 0:01	7/15/2023 9:50
326085	Centre	4	1,907	7/14/2023 15:48	7/15/2023 23:35
323059	Westmoreland	1	1,861	7/13/2023 21:50	7/15/2023 4:51
321530	Washington	22	1,774	7/13/2023 19:59	7/15/2023 1:33
325851	Washington	5	1,755	7/14/2023 8:14	7/15/2023 13:29
324843	Centre	1	1,734	7/14/2023 16:15	7/15/2023 21:09
323248	Armstrong	2	1,727	7/13/2023 21:06	7/15/2023 1:53
321615	Washington	9	1,635	7/13/2023 20:10	7/14/2023 23:25
323982	Washington	4	1,629	7/14/2023 11:04	7/15/2023 14:13

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.

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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
325265	Centre	78	1,618	7/14/2023 15:44	7/15/2023 18:42
323206	Westmoreland	2	1,607	7/13/2023 20:58	7/14/2023 23:45
326139	Centre	7	1,595	7/14/2023 16:40	7/15/2023 19:15
324859	Centre	7	1,585	7/14/2023 16:17	7/15/2023 18:42
324798	Centre	14	1,537	7/14/2023 16:09	7/15/2023 17:46
324690	Centre	4	1,532	7/14/2023 15:50	7/15/2023 17:22
325214	Centre	3	1,521	7/14/2023 16:33	7/15/2023 17:54
323989	Allegheny	1	1,510	7/14/2023 10:41	7/15/2023 11:51
322141	Westmoreland	10	1,508	7/13/2023 21:15	7/14/2023 22:23
324920	Westmoreland	13	1,463	7/14/2023 16:32	7/15/2023 16:55
322203	Washington	2	1,453	7/13/2023 21:22	7/14/2023 21:35
322888	Washington	89	1,431	7/13/2023 19:52	7/14/2023 19:43
326237	Centre	4	1,427	7/14/2023 16:24	7/15/2023 16:11
324958	Centre	9	1,414	7/14/2023 16:40	7/15/2023 16:14
324874	Westmoreland	2	1,398	7/14/2023 16:22	7/15/2023 15:40
323149	Washington	89	1,393	7/13/2023 20:20	7/14/2023 19:33
321877	Allegheny	5	1,375	7/13/2023 20:31	7/14/2023 19:26
321580	Washington	22	1,373	7/13/2023 20:07	7/14/2023 19:00
321653	Washington	34	1,360	7/13/2023 20:17	7/14/2023 18:57
322022	Westmoreland	2	1,356	7/13/2023 20:58	7/14/2023 19:34
324354	Washington	6	1,351	7/13/2023 20:15	7/14/2023 18:46
326563	Centre	2	1,351	7/15/2023 18:49	7/16/2023 17:20
323354	Washington	6	1,345	7/13/2023 20:23	7/14/2023 18:48
326028	Westmoreland	31	1,334	7/14/2023 16:02	7/15/2023 14:16
324537	Washington	21	1,333	7/13/2023 20:29	7/14/2023 18:42
324655	Centre	11	1,333	7/14/2023 15:42	7/15/2023 13:55
322204	Westmoreland	20	1,328	7/13/2023 21:12	7/14/2023 19:20
321703	Allegheny	6	1,326	7/13/2023 20:21	7/14/2023 18:27
322644	Westmoreland	4	1,325	7/13/2023 21:26	7/14/2023 19:31
324880	Centre	10	1,325	7/14/2023 16:24	7/15/2023 14:29
326100	Washington	3	1,325	7/15/2023 12:06	7/16/2023 10:11
325199	Centre	6	1,316	7/14/2023 17:34	7/15/2023 15:30
322105	Westmoreland	3	1,308	7/13/2023 21:11	7/14/2023 18:59
324861	Centre	19	1,298	7/14/2023 16:17	7/15/2023 13:55
322043	Washington	2	1,292	7/13/2023 21:01	7/14/2023 18:33
321780	Allegheny	14	1,292	7/13/2023 20:24	7/14/2023 17:56
325835	Fayette	2	1,286	7/15/2023 8:04	7/16/2023 5:30

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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
324869	Centre	7	1,281	7/14/2023 16:21	7/15/2023 13:42
321482	Washington	14	1,264	7/13/2023 19:51	7/14/2023 16:55
324768	Centre	45	1,256	7/14/2023 16:05	7/15/2023 13:01
322068	Allegheny	9	1,244	7/13/2023 21:06	7/14/2023 17:50
321741	Allegheny	18	1,227	7/13/2023 20:23	7/14/2023 16:50
325886	Centre	140	1,224	7/14/2023 16:12	7/15/2023 12:36
325161	Westmoreland	1	1,224	7/14/2023 17:24	7/15/2023 13:48
321721	Washington	25	1,207	7/13/2023 20:22	7/14/2023 16:29
321868	Allegheny	34	1,202	7/13/2023 20:30	7/14/2023 16:32
321748	Allegheny	18	1,197	7/13/2023 20:23	7/14/2023 16:20
324672	Centre	24	1,196	7/14/2023 15:48	7/15/2023 11:44
321569	Washington	259	1,195	7/13/2023 20:05	7/14/2023 16:00
322057	Westmoreland	4	1,189	7/13/2023 21:04	7/14/2023 16:53
321702	Allegheny	151	1,182	7/13/2023 20:21	7/14/2023 16:03
324626	Centre	51	1,179	7/14/2023 15:36	7/15/2023 11:15
321540	Washington	2	1,167	7/13/2023 20:01	7/14/2023 15:28
321691	Washington	16	1,162	7/13/2023 20:12	7/14/2023 15:34
324341	Washington	60	1,162	7/13/2023 20:08	7/14/2023 15:30
321680	Washington	698	1,161	7/13/2023 20:19	7/14/2023 15:40
324359	Washington	24	1,151	7/13/2023 20:09	7/14/2023 15:20
326054	Centre	31	1,149	7/14/2023 16:14	7/15/2023 11:23
325762	Westmoreland	1	1,145	7/14/2023 16:29	7/15/2023 11:34
324236	Allegheny	2	1,144	7/13/2023 20:28	7/14/2023 15:32
322054	Westmoreland	6	1,140	7/13/2023 21:04	7/14/2023 16:04
326012	Centre	4	1,134	7/14/2023 15:51	7/15/2023 10:45
321608	Washington	142	1,134	7/14/2023 14:40	7/15/2023 9:34
325059	Westmoreland	1	1,109	7/14/2023 17:01	7/15/2023 11:30
324454	Washington	45	1,103	7/13/2023 20:29	7/14/2023 14:52
325730	Centre	47	1,098	7/14/2023 15:37	7/15/2023 9:55
325589	Westmoreland	2	1,094	7/14/2023 16:26	7/15/2023 10:40
324725	Centre	19	1,084	7/14/2023 15:57	7/15/2023 10:01
322604	Washington	74	1,082	7/13/2023 20:18	7/14/2023 14:20
323563	Washington	95	1,074	7/13/2023 20:06	7/14/2023 14:00
321525	Washington	49	1,066	7/13/2023 19:59	7/14/2023 13:45
325514	Centre	5	1,064	7/14/2023 20:19	7/15/2023 14:03
322988	Allegheny	9	1,063	7/14/2023 1:17	7/14/2023 19:00
321685	Allegheny	41	1,050	7/13/2023 20:20	7/14/2023 13:50

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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
324211	Washington	2	1,047	7/13/2023 20:20	7/14/2023 13:47
323466	Westmoreland	34	1,046	7/13/2023 20:54	7/14/2023 14:20
321529	Washington	20	1,046	7/13/2023 19:59	7/14/2023 13:25
321588	Washington	72	1,040	7/13/2023 20:08	7/14/2023 13:28
323353	Washington	1	1,038	7/14/2023 6:32	7/14/2023 23:50
323120	Washington	36	998	7/14/2023 3:25	7/14/2023 20:03
326006	Greene	4	997	7/15/2023 10:38	7/16/2023 3:15
322107	Westmoreland	3	994	7/13/2023 21:11	7/14/2023 13:45
324701	Centre	1	992	7/14/2023 15:53	7/15/2023 8:25
324821	Centre	42	991	7/14/2023 16:12	7/15/2023 8:43
321841	Allegheny	19	985	7/13/2023 20:28	7/14/2023 12:53
322003	Westmoreland	365	966	7/13/2023 20:54	7/14/2023 13:00
324071	Washington	49	963	7/13/2023 20:17	7/14/2023 12:20
327080	Centre	3	962	7/15/2023 23:08	7/16/2023 15:10
322932	Washington	76	961	7/13/2023 20:16	7/14/2023 12:17
321640	Washington	49	961	7/13/2023 20:16	7/14/2023 12:17
323995	Washington	88	961	7/13/2023 20:16	7/14/2023 12:17
323037	Washington	77	957	7/13/2023 19:53	7/14/2023 11:50
322411	Westmoreland	7	936	7/13/2023 21:46	7/14/2023 13:22
322394	Westmoreland	1	933	7/13/2023 21:42	7/14/2023 13:15
327611	Fulton	43	928	7/15/2023 20:56	7/16/2023 12:24
323675	Washington	16	928	7/13/2023 20:17	7/14/2023 11:45
325658	Washington	1	925	7/14/2023 19:51	7/15/2023 11:16
325364	Washington	3	921	7/14/2023 20:04	7/15/2023 11:25
324609	Centre	5	918	7/14/2023 15:33	7/15/2023 6:51
323414	Westmoreland	1	910	7/14/2023 7:16	7/14/2023 22:26
321742	Washington	19	902	7/13/2023 20:23	7/14/2023 11:25
322261	Allegheny	6	900	7/13/2023 21:30	7/14/2023 12:30
322377	Armstrong	9	899	7/13/2023 21:40	7/14/2023 12:39
323034	Westmoreland	5	894	7/14/2023 2:18	7/14/2023 17:12
322106	Westmoreland	7	885	7/13/2023 21:11	7/14/2023 11:56
323697	Allegheny	87	876	7/13/2023 20:22	7/14/2023 10:58
325341	Westmoreland	3	871	7/14/2023 18:24	7/15/2023 8:55
324003	Allegheny	49	858	7/13/2023 20:37	7/14/2023 10:55
323224	Washington	9	853	7/14/2023 5:22	7/14/2023 19:35
327116	Fulton	2	852	7/15/2023 20:56	7/16/2023 11:08
324907	Westmoreland	12	850	7/14/2023 16:29	7/15/2023 6:39

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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
323161	Allegheny	223	835	7/13/2023 20:19	7/14/2023 10:14
322684	Westmoreland	3	825	7/13/2023 22:50	7/14/2023 12:35
321732	Allegheny	12	823	7/13/2023 20:22	7/14/2023 10:05
325600	Centre	3	805	7/14/2023 22:36	7/15/2023 12:01
325949	Greene	13	798	7/14/2023 21:55	7/15/2023 11:13
323323	Westmoreland	100	794	7/13/2023 21:19	7/14/2023 10:33
327055	Centre	3	784	7/15/2023 22:54	7/16/2023 11:58
322962	Westmoreland	11	783	7/13/2023 21:12	7/14/2023 10:15
321737	Allegheny	130	778	7/13/2023 20:22	7/14/2023 9:20
322232	Westmoreland	9	777	7/13/2023 21:25	7/14/2023 10:22
322159	Westmoreland	4	759	7/13/2023 21:16	7/14/2023 9:55
323169	Westmoreland	11	755	7/13/2023 21:14	7/14/2023 9:49
327054	Centre	16	754	7/15/2023 22:53	7/16/2023 11:27
322989	Washington	453	743	7/13/2023 20:17	7/14/2023 8:40
322005	Allegheny	9	741	7/13/2023 20:54	7/14/2023 9:15
322908	Washington	63	736	7/13/2023 20:06	7/14/2023 8:22
321691	Washington	76	693	7/13/2023 20:12	7/14/2023 7:45
324137	Washington	72	692	7/14/2023 4:39	7/14/2023 16:11
327058	Westmoreland	2	685	7/15/2023 19:56	7/16/2023 7:21
323110	Westmoreland	1	684	7/13/2023 21:39	7/14/2023 9:03
323122	Fayette	31	671	7/13/2023 21:15	7/14/2023 8:26
322582	Allegheny	27	671	7/13/2023 20:57	7/14/2023 8:08
322707	Washington	32	670	7/13/2023 19:59	7/14/2023 7:09
327446	Westmoreland	9	668	7/15/2023 23:30	7/16/2023 10:38
327284	Centre	4	663	7/15/2023 22:47	7/16/2023 9:50
323354	Washington	90	652	7/13/2023 20:23	7/14/2023 7:15
324876	Westmoreland	6	651	7/14/2023 16:23	7/15/2023 3:14
325396	Westmoreland	2	651	7/14/2023 16:23	7/15/2023 3:14
324671	Centre	39	650	7/14/2023 15:47	7/15/2023 2:37
323091	Westmoreland	88	640	7/13/2023 21:39	7/14/2023 8:19
323080	Westmoreland	25	637	7/14/2023 6:38	7/14/2023 17:15
324818	Washington	50	635	7/14/2023 8:39	7/14/2023 19:14
323192	Washington	9	632	7/14/2023 4:52	7/14/2023 15:24
327140	Westmoreland	10	623	7/15/2023 19:54	7/16/2023 6:17
325739	Butler	1	619	7/14/2023 23:22	7/15/2023 9:41
327049	Centre	1	615	7/15/2023 22:45	7/16/2023 9:00
322125	Westmoreland	8	612	7/13/2023 21:13	7/14/2023 7:25

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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
321756	Washington	170	611	7/13/2023 20:23	7/14/2023 6:34
325891	Westmoreland	7	597	7/15/2023 8:53	7/15/2023 18:50
324894	Westmoreland	1	587	7/14/2023 16:27	7/15/2023 2:14
325716	Westmoreland	8	580	7/15/2023 6:05	7/15/2023 15:45
323782	Washington	25	568	7/14/2023 4:05	7/14/2023 13:33
327390	Clinton	2	549	7/16/2023 0:26	7/16/2023 9:35
322879	Centre	3	547	7/14/2023 0:13	7/14/2023 9:20
327166	Centre	3	544	7/16/2023 1:11	7/16/2023 10:15
325216	Greene	1	538	7/14/2023 17:42	7/15/2023 2:40
327208	Westmoreland	1	534	7/15/2023 19:26	7/16/2023 4:20
327046	Centre	29	525	7/15/2023 22:45	7/16/2023 7:30
324669	Centre	25	525	7/14/2023 15:47	7/15/2023 0:32
325477	Centre	175	523	7/14/2023 19:45	7/15/2023 4:28
323611	Washington	6	522	7/14/2023 8:45	7/14/2023 17:27
326108	Allegheny	17	519	7/15/2023 12:18	7/15/2023 20:57
326913	Bedford	10	514	7/15/2023 21:21	7/16/2023 5:55
322067	Armstrong	53	506	7/13/2023 21:06	7/14/2023 5:32
322195	Westmoreland	9	504	7/13/2023 21:21	7/14/2023 5:45
326607	Westmoreland	10	497	7/15/2023 19:26	7/16/2023 3:43
323208	Washington	7	472	7/14/2023 5:03	7/14/2023 12:55
322021	Westmoreland	91	471	7/13/2023 20:58	7/14/2023 4:49
322837	Allegheny	197	463	7/13/2023 20:19	7/14/2023 4:02
321690	Washington	10	455	7/13/2023 20:20	7/14/2023 3:55
324906	Washington	2	454	7/14/2023 16:29	7/15/2023 0:03
325935	Greene	3	452	7/15/2023 9:48	7/15/2023 17:20
323845	Washington	16	438	7/14/2023 10:17	7/14/2023 17:35
326220	Armstrong	3	433	7/15/2023 14:07	7/15/2023 21:20
326634	Westmoreland	5	428	7/15/2023 19:52	7/16/2023 3:00
324480	Washington	5	428	7/14/2023 11:52	7/14/2023 19:00
322130	Westmoreland	27	421	7/13/2023 21:14	7/14/2023 4:15
322176	Westmoreland	9	405	7/13/2023 21:18	7/14/2023 4:03
325918	Fayette	25	399	7/15/2023 9:36	7/15/2023 16:15
323008	Armstrong	20	395	7/14/2023 1:34	7/14/2023 8:09
326358	Westmoreland	2	391	7/15/2023 10:34	7/15/2023 17:05
322273	Washington	254	387	7/13/2023 19:53	7/14/2023 2:20
327040	Centre	79	384	7/15/2023 22:41	7/16/2023 5:05
326179	Centre	4	382	7/15/2023 13:27	7/15/2023 19:49

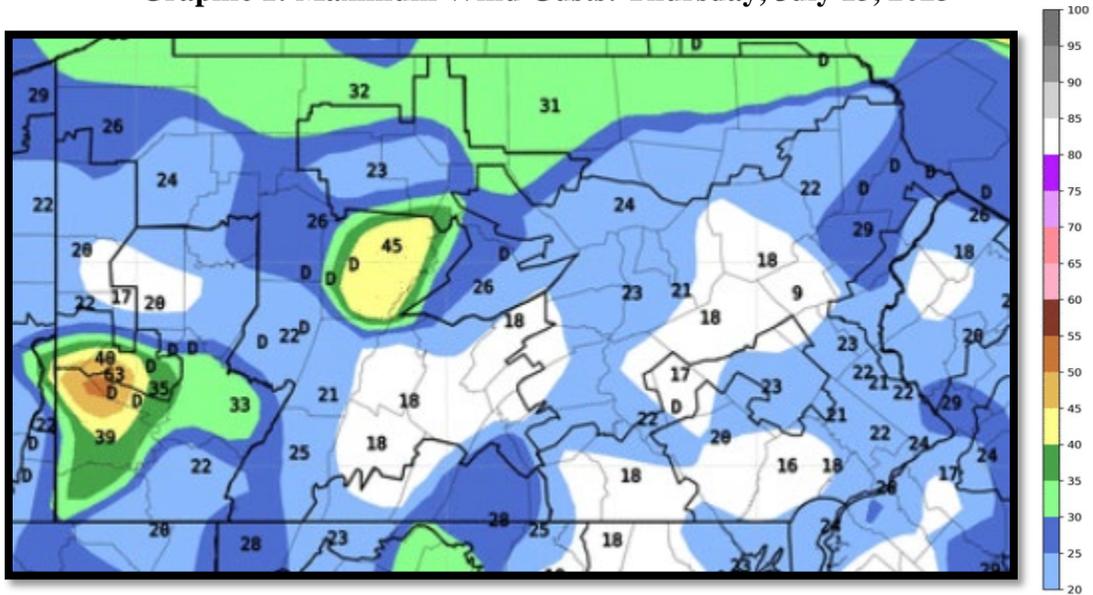
West Penn Storm Report

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
322181	Westmoreland	5	382	7/13/2023 21:18	7/14/2023 3:40
323609	Washington	11	374	7/14/2023 8:44	7/14/2023 14:58
327262	Bedford	6	363	7/16/2023 2:30	7/16/2023 8:33
323163	Centre	1	362	7/14/2023 4:18	7/14/2023 10:20
321536	Washington	61	361	7/13/2023 20:10	7/14/2023 2:11

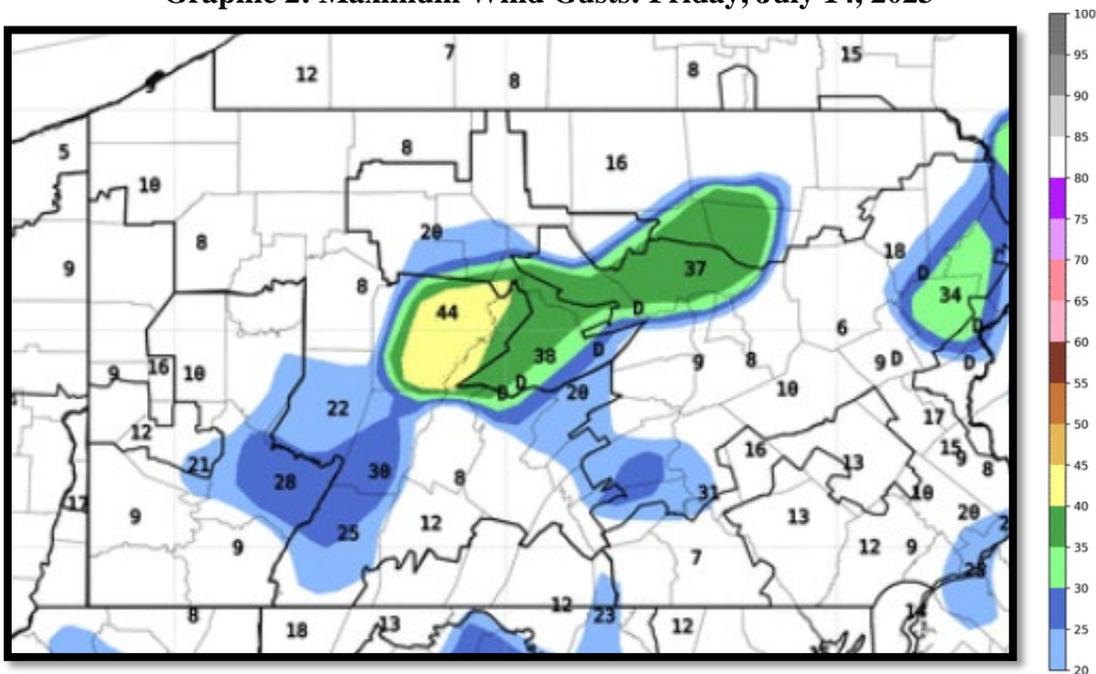
Attachment B: Wind and Precipitation Reports

Wind and Precipitation Reports: Graphics 1 and 2 illustrate the maximum wind gusts in the West Penn service territory on July 13 and July 14, 2023. Graphics 3 and 4 illustrate the 24-Hour Total Precipitation in the West Penn service territory on July 13 and July 14, 2023. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

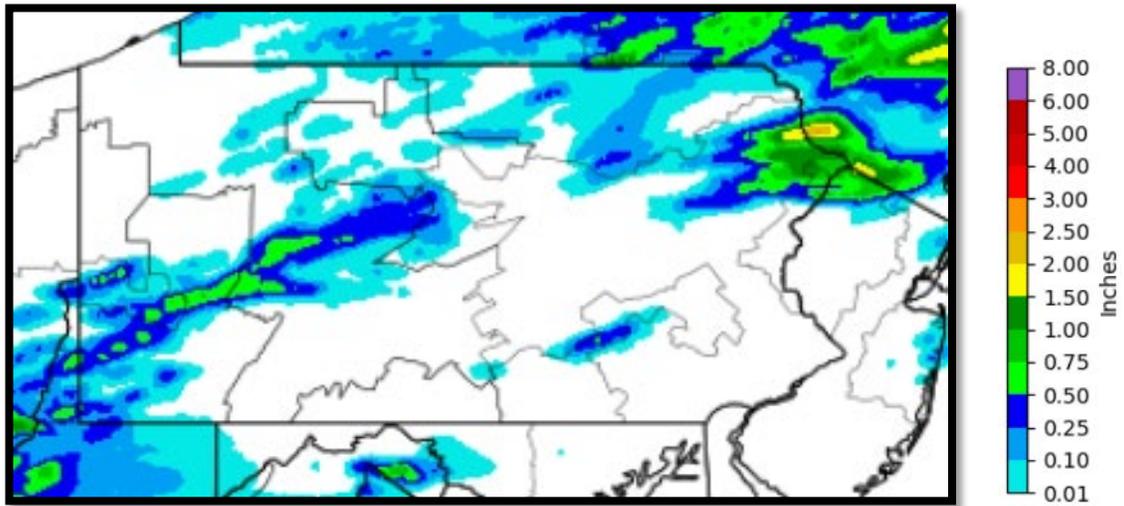
Graphic 1: Maximum Wind Gusts: Thursday, July 13, 2023



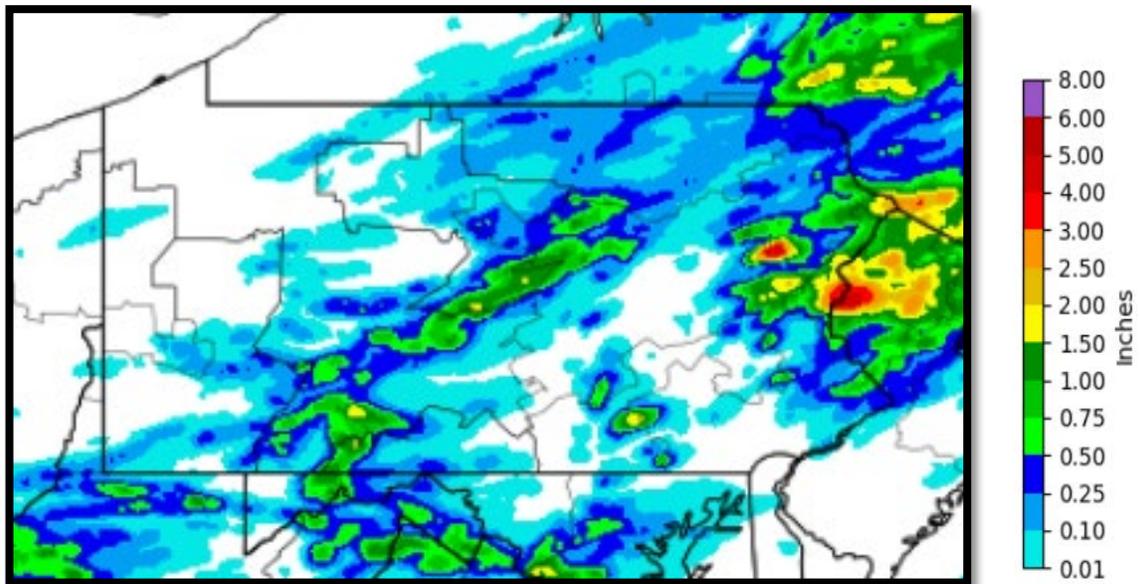
Graphic 2: Maximum Wind Gusts: Friday, July 14, 2023



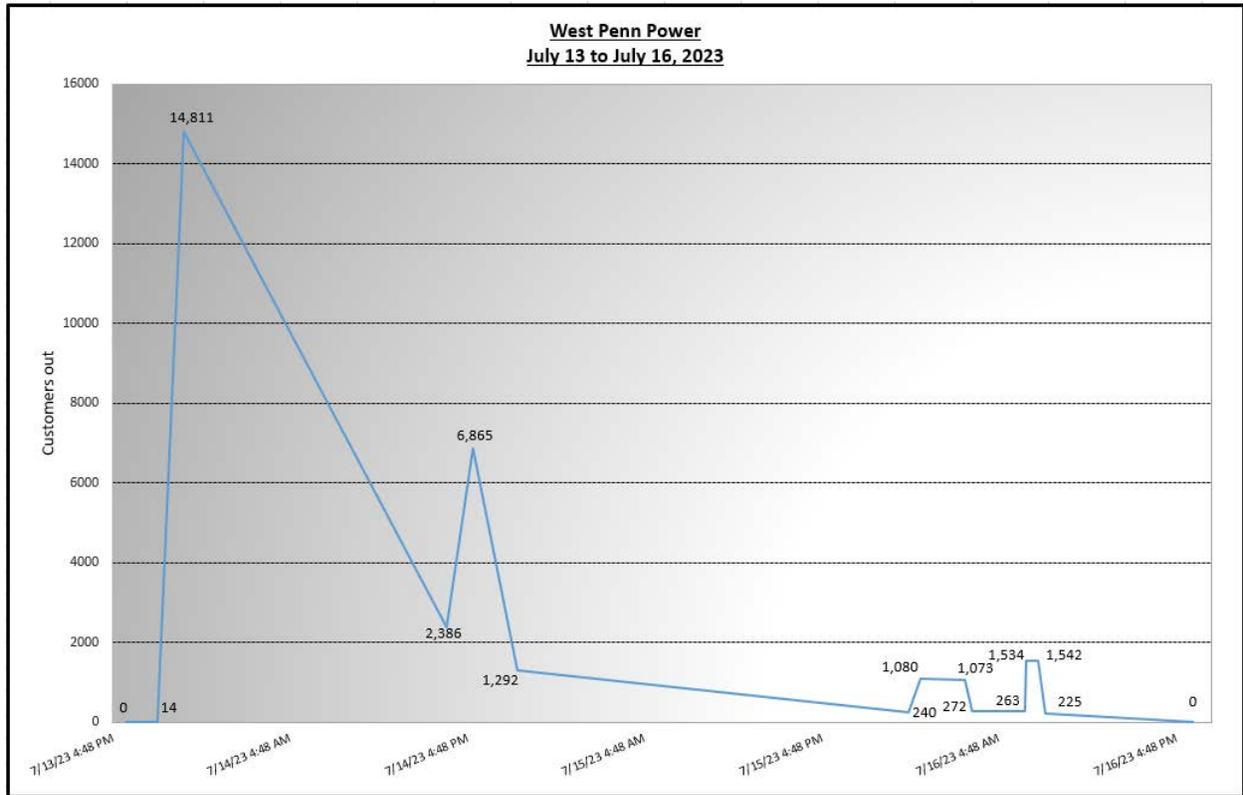
Graphic 3: 24-Hour Total Precipitation: Thursday, July 13, 2023



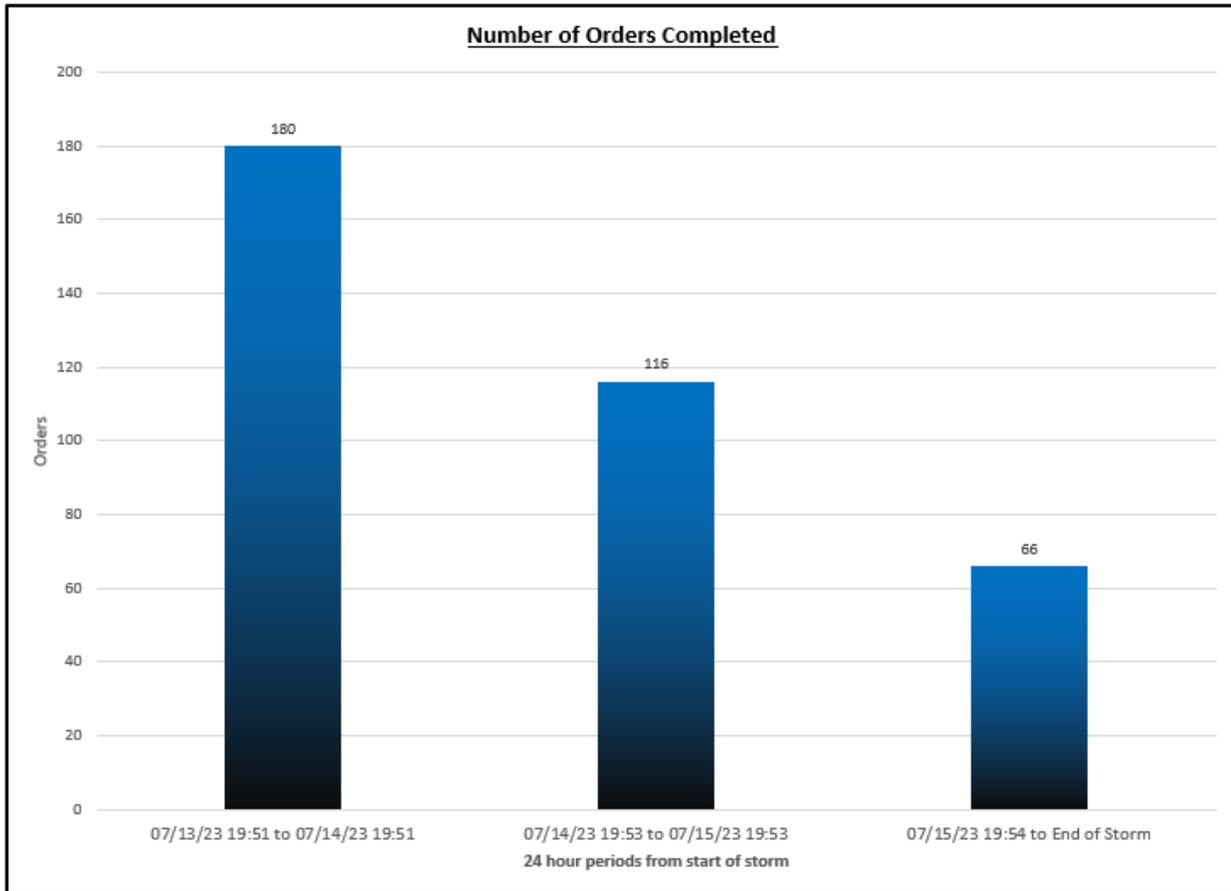
Graphic 4: 24-Hour Total Precipitation: Friday, July 14, 2023

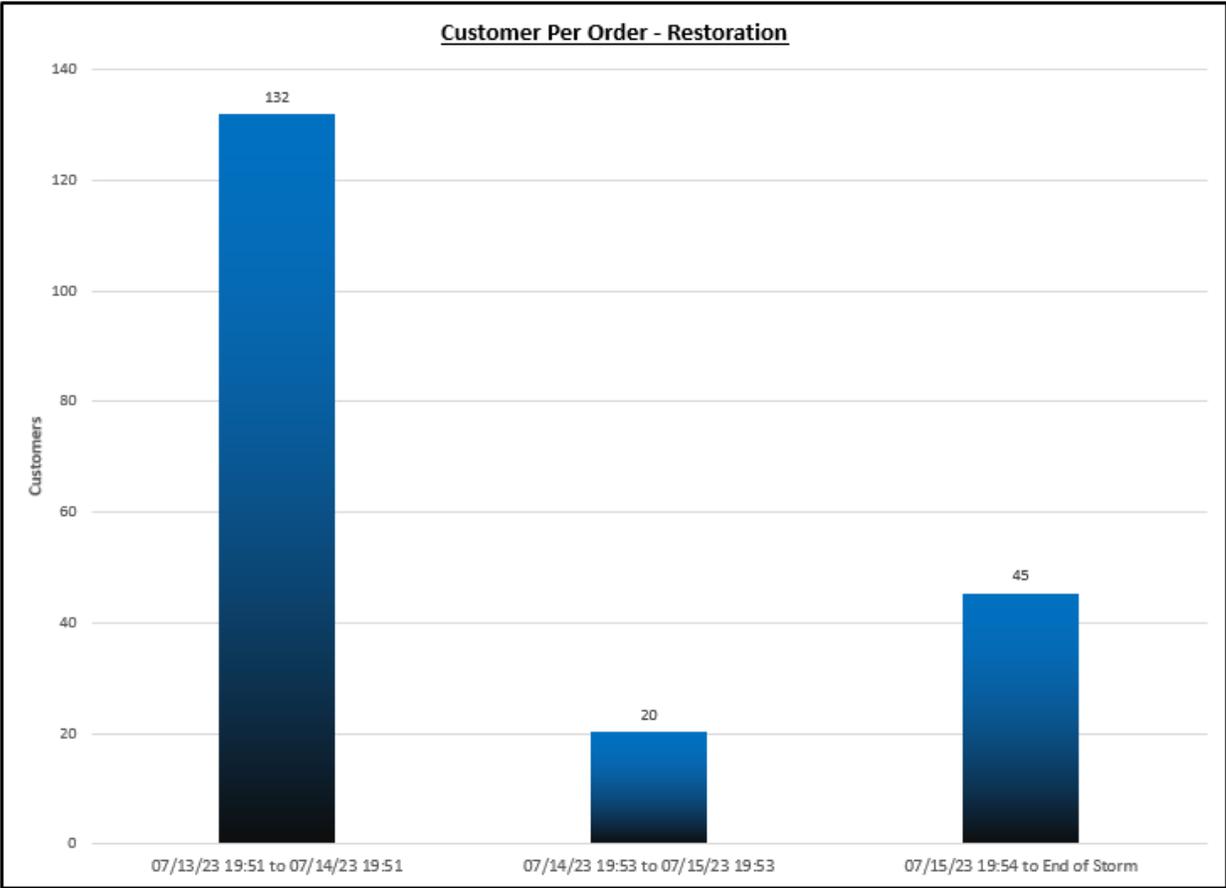


Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



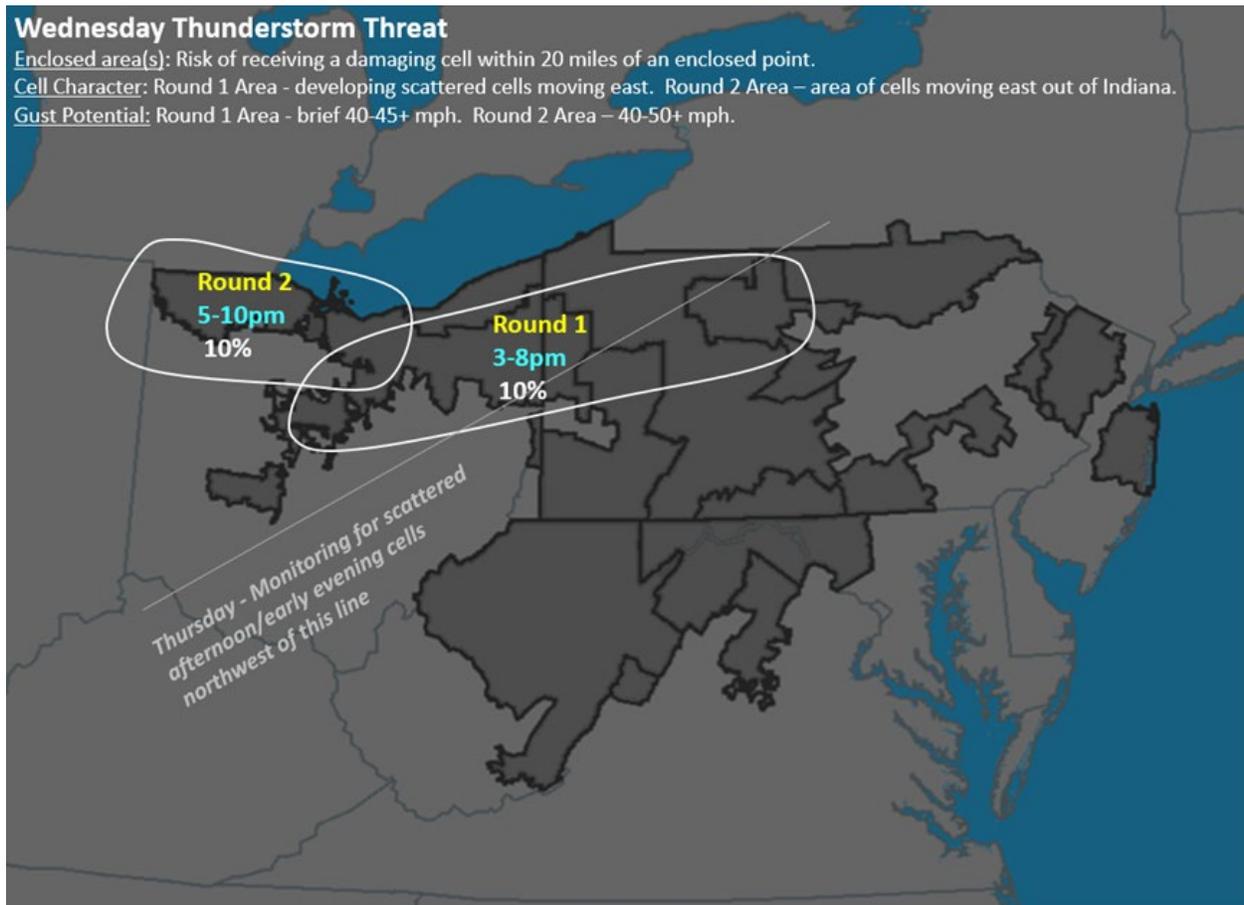


Attachment E: Meteorologist Reports

Tuesday, July 11, 2023 @ 0926

New issuance: Nuisance cells expected tomorrow afternoon/evening in two rounds. We are also monitoring the potential for similar activity Thursday. Confidence is slightly below normal with this graphic given the lead time and weak signal offered by the various thunderstorm models, but enough of a signal is there to warrant a low-level alert.

See graphic below for further information.

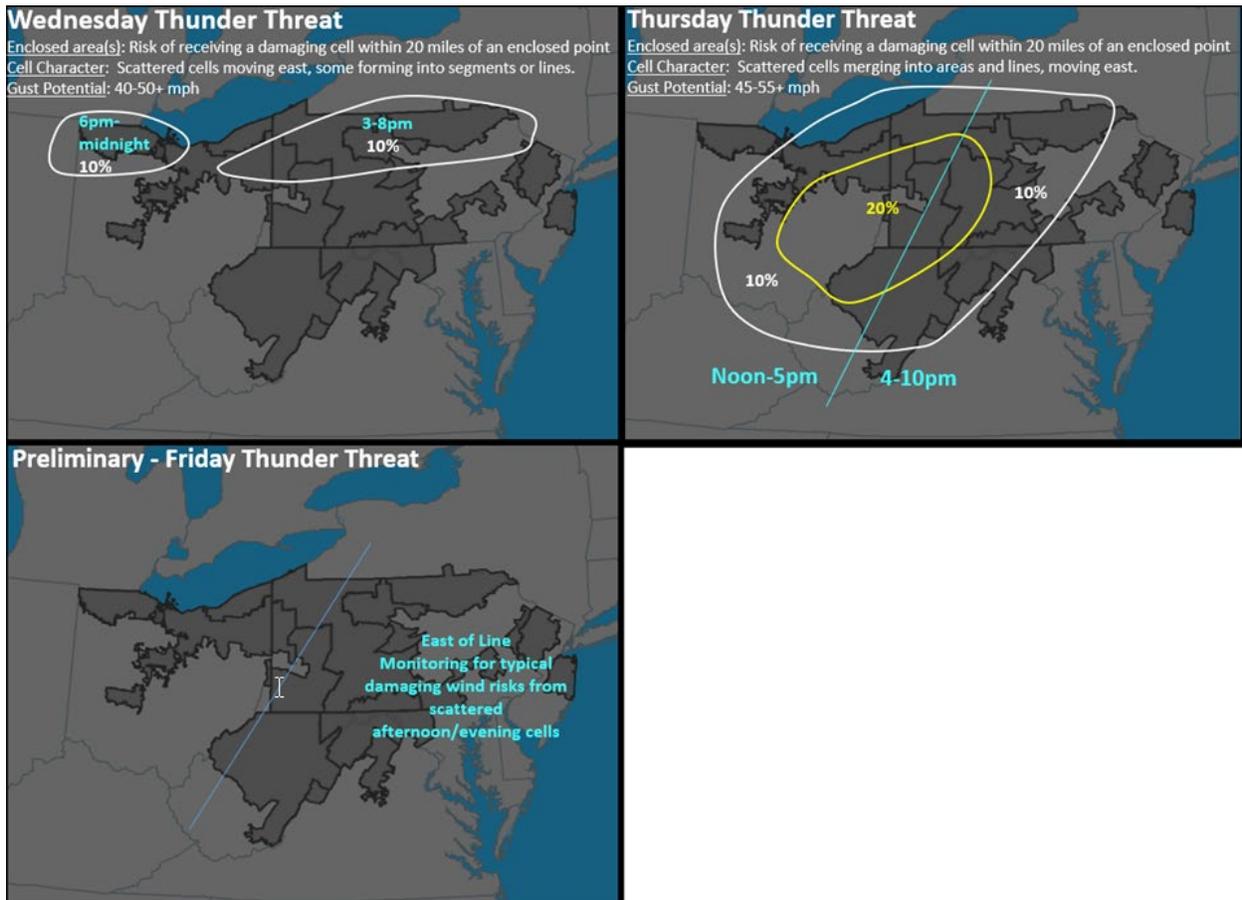


Wednesday, July 12, 2023 @ 0930

Changes:

1. Today: Contracted west area and shifted east area north and farther east. Confidence is slightly below normal with this graphic.
2. Thursday: Added details for threat. Confidence is lowest in west half of OH where there is indication activity might start as early as midday (vs typical mid/late afternoon), and slightly below normal elsewhere.
3. Friday: Added indication for afternoon/early evening threat in all but west 1/3 of FE.

See graphics below for further information.

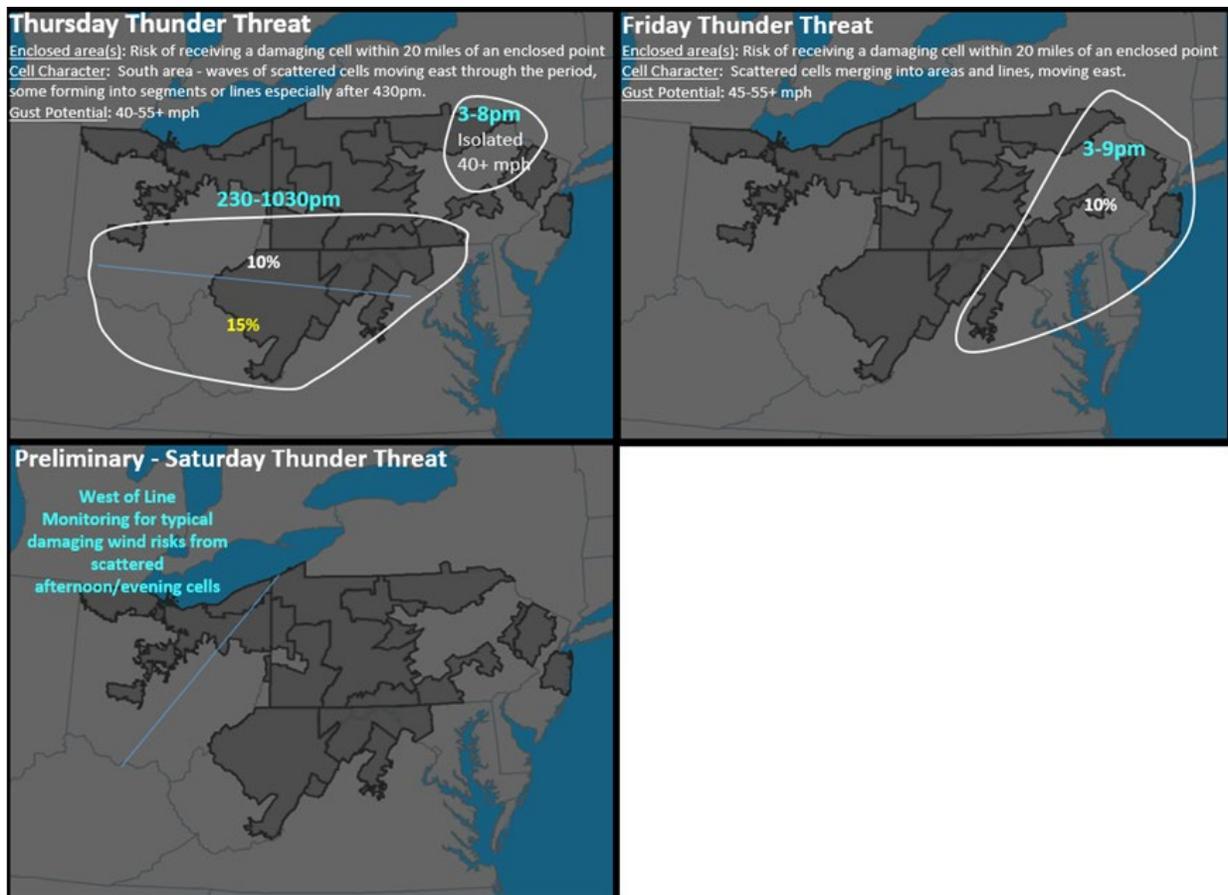


Thursday, July 13, 2023 @ 0919

Changes:

1. Today: Shifted primary threat area south and lowered risk slightly. Due to repetitive nature of cells removed timing since the cells will persist in the primary threat area through evening. Confidence is normal with the primary threat area (south) and slightly below normal with the small threat area in northeast PA and north NJ.
2. Friday: Added details for threat area in east third of FE. Confidence is slightly below normal for this graphic.
3. Saturday: Added preliminary indication for threat area in the west 2/3 of OH.

See graphics below for further information.



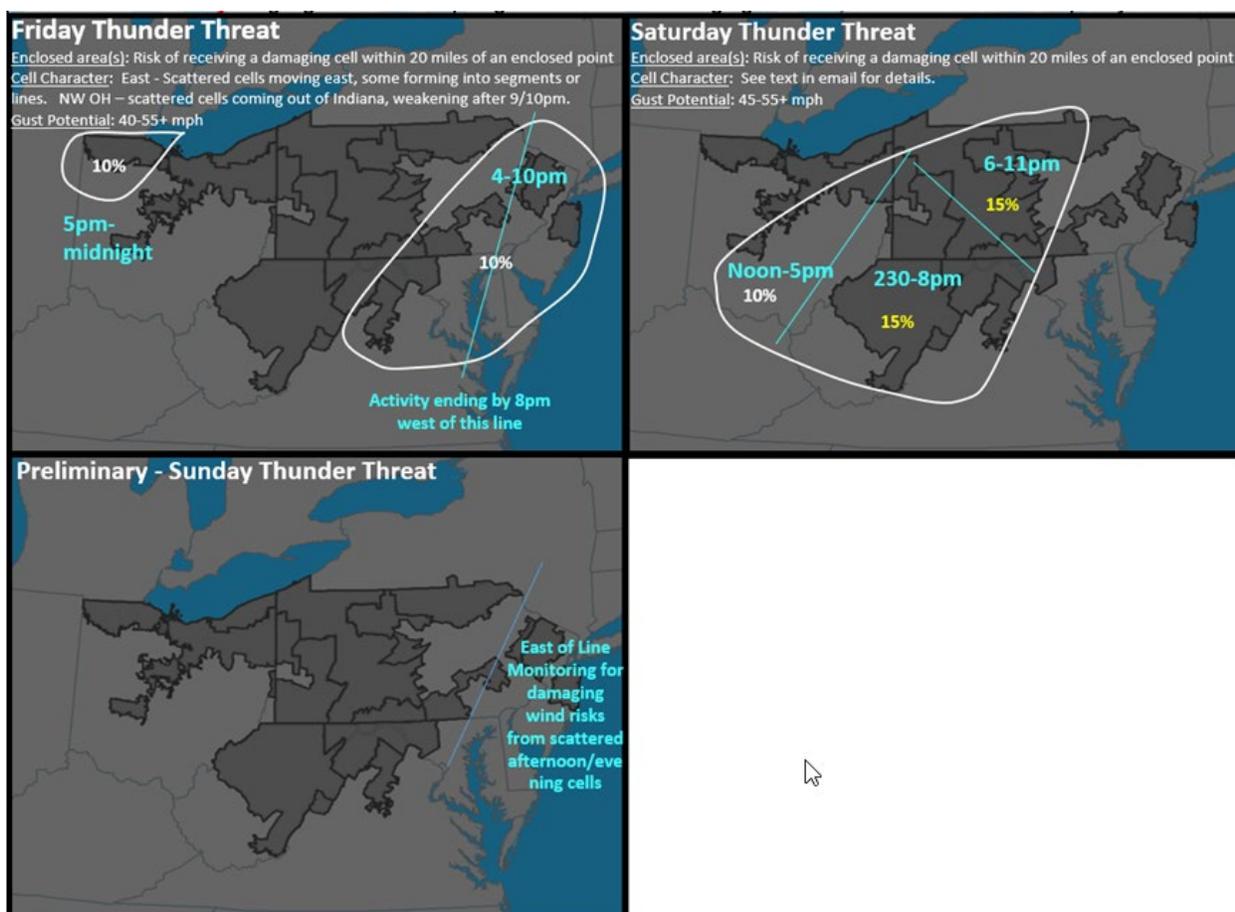
Friday, July 14, 2023 @ 0952

Changes:

1. Today: Fine-tuned area and timing in the east. Also added a threat area in northwest OH. Confidence is normal for this panel for east FE, below normal for northwest OH (low certainty with cell timing and strength coming out of Indiana).
2. Saturday: Added details for threat area. Confidence is below normal for this graphic with timing. An area of showers/rain moves east out of OH morning/early afternoon into WV/southwest PA/west MD. This area then late afternoon/early evening pushes east/northeast through PA. The timing of this is whole play is +/- 4 hours which has a huge bearing on syncing with daytime heating and hence risk levels for damaging cells. We also are monitoring for how long after 11pm cell strength may last as they head into east PA and NJ overnight into early Sunday.
3. Sunday: Added preliminary indication for threat area in NJ and East PA

Threats appear to continue on Monday and limited to the northwest half of OH in the afternoon/early evening which if the signal persists will be included in tomorrow's alert.

See graphics below for further information.



Friday, July 14, 2023 @ 1211

Changes:

Updated to add threat area between now and late afternoon for WV/border of southwest PA/MD given early thunderstorm development and batch of cells tracking east. (No other changes).

See graphics below for further information.

