



VIA E-FILE

December 15, 2022

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA 17120

**Re: PPL Electric Utilities Corporation
Report of Electric Service Interruptions
Due to a Wind and Rain Event on November 30 – December 1, 2022
Docket No. M-2021-3023564**

Dear Ms. Chiavetta:

PPL Electric Utilities Corporation (“PPL Electric”) hereby submits this Report of Electric Service Interruptions due to a wind and rain event between 0530 on Wednesday, November 30, 2022, and 1245 on Thursday, December 1, 2022. This event caused 411 outage cases and 24,686 customer service interruptions and affected all regions of PPL Electric’s service territory. This report is being filed pursuant to the Commission’s regulations at 52 Pa Code §67.1.

Pursuant to 52 Pa. Code §1.11, the enclosed document is to be deemed filed on December 15, 2022, which is the date it was filed electronically with the Commission’s E-Filing System.

If you have any questions regarding this report, please contact me at (215) 721-6807.

Very truly yours,

/s/ Julie Swiniuch

Julie Swiniuch
Supervisor – Distribution Asset Investment Strategy
215-721-6807

Enclosures

cc: Mr. John VanZant
Mr. Harry Bidelspach
RA-PUCPEMA@pa.gov

ELECTRIC UTILITY REPORT OF OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
P O BOX 3265
HARRISBURG, PA 17105-3265

Phone-In Reports: Always call (717) 773-7377
Email RA-PUCPEMA@state.pa.us

An original and one copy of this report are to be mailed to the Secretary's Bureau at the address above, even if an electronic copy has been emailed to the address above.

Information Required:

1. Reporting Utility: PPL Electric Utilities
Address: 2 North 9th Street
Allentown, PA 18101

2. Name and title of person making report:

Julie Swiniuch	Supervisor - Distribution Asset Investment Strategy
<i>(Name)</i>	<i>(Title)</i>

3. Telephone number: 215-721-6807
(Telephone Number)

4. Date and time initial telephonic report was made to Commission:
December 1, 2022, at approximately 0635.

5. Interruption or Outage:
 - (a) Number of customers affected: 24,686.

(b) Approximate number of outage cases and trouble cases for each county affected during the event:

County	Outage Cases	Trouble Cases
Berks	5	1
Bucks	39	7
Carbon	12	6
Chester	2	1
Clinton	9	1
Columbia	35	8
Cumberland	12	3
Dauphin	7	5
Juniata	4	1
Lackawanna	35	18
Lancaster	18	14
Lebanon	2	1
Lehigh	35	11
Luzerne	21	8
Lycoming	16	7
Monroe	23	9
Montgomery	6	3
Montour	6	
Northampton	9	7
Northumberland	18	7
Perry	8	4
Pike	4	3
Schuylkill	41	10
Snyder	8	2
Susquehanna	1	
Union	14	3
Wayne	19	8
York	2	2
	411	150

(c) Approximate number of outages for each county affected during the event:

County	Number of Customers Interrupted
Berks	74
Bucks	1,799
Carbon	753
Chester	74
Clinton	191
Columbia	602
Cumberland	1,027
Dauphin	137
Juniata	34
Lackawanna	4,655
Lancaster	2,001
Lebanon	15
Lehigh	1,569
Luzerne	1,640
Lycoming	781
Monroe	1,219
Montgomery	288
Montour	607
Northampton	292
Northumberland	3,375
Perry	80
Pike	11
Schuylkill	2,224
Snyder	95
Susquehanna	1
Union	332
Wayne	805
York	5
	24,686

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

One hundred twenty (120) cases exceeded six hours in duration.

- (e) A listing of each outage case exceeding 6 or more hours in duration, including the following information:

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6494876-1	Lackawanna	71	447	11/30/22 11:23	11/30/22 18:50
6495006-1	York	4	423	11/30/22 12:10	11/30/22 19:13
6495031-1	Lackawanna	2	491	11/30/22 12:19	11/30/22 20:30
6495034-1	Lackawanna	31	383	11/30/22 12:22	11/30/22 18:45
6495050-1	Lackawanna	3	717	11/30/22 12:34	12/1/22 0:31
6495101-1	Pike	1	430	11/30/22 12:59	11/30/22 20:09
6495103-1	Lackawanna	230	470	11/30/22 12:59	11/30/22 20:49
6495146-1	Chester	44	397	11/30/22 13:08	11/30/22 19:45
6495171-1	Wayne	4	512	11/30/22 13:23	11/30/22 21:55
6495179-1	Wayne	7	800	11/30/22 13:28	12/1/22 2:48
6495204-1	Lycoming	2	444	11/30/22 13:36	11/30/22 21:00
6495220-1	Union	14	373	11/30/22 13:45	11/30/22 19:58
6495231-1	Union	22	417	11/30/22 13:56	11/30/22 20:53
6495264-1	Union	65	608	11/30/22 14:07	12/1/22 0:15
6495282-1	Wayne	4	574	11/30/22 14:19	11/30/22 23:53
6495286-1	Snyder	2	1438	11/30/22 14:12	12/1/22 14:10
6495308-1	Columbia	51	653	11/30/22 14:31	12/1/22 1:24
6495363-1	Monroe	9	497	11/30/22 14:59	11/30/22 23:16
6495376-1	Columbia	2	413	11/30/22 14:32	11/30/22 21:25
6495403-1	Schuylkill	127	621	11/30/22 15:19	12/1/22 1:40
6495474-1	Wayne	35	474	11/30/22 15:46	11/30/22 23:40
6495502-1	Lehigh	43	381	11/30/22 15:58	11/30/22 23:19
6495511-1	Clinton	12	365	11/30/22 16:00	11/30/22 22:05
6495519-1	Lehigh	7	1073	11/30/22 16:00	12/1/22 9:53
6495553-1	Wayne	1	1320	11/30/22 16:10	12/1/22 14:10
6495559-1	Lackawanna	19	1055	11/30/22 16:11	12/1/22 9:46
6495616-1	Bucks	3	1361	11/30/22 16:22	12/1/22 15:03
6495622-1	Bucks	5	1141	11/30/22 16:25	12/1/22 11:26
6495626-1	Bucks	4	1069	11/30/22 16:25	12/1/22 10:14
6495639-1	Montgomery	1	1056	11/30/22 16:34	12/1/22 10:10
6495643-1	Schuylkill	11	578	11/30/22 16:33	12/1/22 2:11
6495678-1	Lancaster	1	456	11/30/22 16:39	12/1/22 0:15
6495684-1	Bucks	2	365	11/30/22 16:40	11/30/22 22:45
6495776-1	Lehigh	6	1338	11/30/22 15:05	12/1/22 13:23
6495783-1	Bucks	5	1248	11/30/22 16:55	12/1/22 13:43
6495786-1	Lycoming	3	1485	11/30/22 17:00	12/1/22 17:45
6495819-1	Bucks	2	1096	11/30/22 17:20	12/1/22 11:36
6495825-1	Bucks	13	1013	11/30/22 17:26	12/1/22 10:19
6495834-1	Montgomery	2	538	11/30/22 16:34	12/1/22 1:32
6495836-1	Bucks	2	478	11/30/22 16:45	12/1/22 0:43
6495857-1	Wayne	1	1072	11/30/22 18:45	12/1/22 12:37
6495884-1	Schuylkill	27	1006	11/30/22 17:34	12/1/22 10:20
6495888-1	Bucks	3	1014	11/30/22 19:16	12/1/22 12:10
6495926-1	Monroe	10	973	11/30/22 19:47	12/1/22 12:00
6495941-1	Columbia	7	952	11/30/22 19:40	12/1/22 11:32
6495946-1	Columbia	1	994	11/30/22 20:00	12/1/22 12:34
6495948-1	Monroe	4	873	11/30/22 20:02	12/1/22 10:35
6495955-1	Lycoming	4	867	11/30/22 20:06	12/1/22 10:33
6495974-1	Schuylkill	29	975	11/30/22 20:13	12/1/22 12:28
6495979-1	Luzerne	1	454	11/30/22 20:16	12/1/22 3:50

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6496009-1	Bucks	3	812	11/30/22 20:28	12/1/22 10:00
6496015-1	Lehigh	3	384	11/30/22 19:19	12/1/22 1:43
6496018-1	Lycoming	3	520	11/30/22 20:35	12/1/22 5:15
6496029-1	Northampton	1	802	11/30/22 20:41	12/1/22 10:03
6496031-1	Bucks	1	874	11/30/22 20:21	12/1/22 10:55
6496033-1	Schuylkill	114	951	11/30/22 20:43	12/1/22 12:34
6496039-1	Monroe	38	370	11/30/22 20:45	12/1/22 2:55
6496048-1	Monroe	11	909	11/30/22 20:51	12/1/22 12:00
6496053-1	Wayne	26	772	11/30/22 20:53	12/1/22 9:45
6496055-1	Columbia	9	857	11/30/22 20:53	12/1/22 11:10
6496060-1	Schuylkill	8	715	11/30/22 21:05	12/1/22 9:00
6496063-1	Bucks	3	725	11/30/22 21:05	12/1/22 9:10
6496069-1	Monroe	25	873	11/30/22 21:12	12/1/22 11:45
6496080-1	Schuylkill	39	783	11/30/22 21:18	12/1/22 10:21
6496083-1	Schuylkill	79	790	11/30/22 21:20	12/1/22 10:30
6496093-1	Lycoming	21	394	11/30/22 21:24	12/1/22 3:58
6496098-1	Schuylkill	75	977	11/30/22 21:28	12/1/22 13:45
6496112-1	Schuylkill	3	950	11/30/22 21:40	12/1/22 13:30
6496113-1	Schuylkill	1	1080	11/30/22 21:42	12/1/22 15:42
6496114-1	Monroe	122	425	11/30/22 21:42	12/1/22 4:47
6496134-1	Bucks	3	778	11/30/22 21:57	12/1/22 10:55
6496138-1	Carbon	218	759	11/30/22 22:01	12/1/22 10:40
6496139-1	Dauphin	1	863	11/30/22 22:04	12/1/22 12:27
6496140-1	Schuylkill	5	888	11/30/22 22:07	12/1/22 12:55
6496142-1	Montgomery	1	676	11/30/22 22:10	12/1/22 9:26
6496143-1	Carbon	7	1283	11/30/22 22:12	12/1/22 19:35
6496147-1	Schuylkill	1	1044	11/30/22 22:22	12/1/22 15:46
6496151-1	Schuylkill	3	1020	11/30/22 22:25	12/1/22 15:25
6496173-1	Schuylkill	68	920	11/30/22 22:48	12/1/22 14:08
6496177-1	Schuylkill	111	758	11/30/22 22:49	12/1/22 11:27
6496183-1	Carbon	11	815	11/30/22 22:53	12/1/22 12:28
6496184-1	Bucks	1	880	11/30/22 23:40	12/1/22 13:36
6496190-1	Schuylkill	1	689	11/30/22 23:03	12/1/22 10:32
6496193-1	Bucks	1	690	11/30/22 22:48	12/1/22 10:18
6496195-1	Monroe	14	714	11/30/22 23:17	12/1/22 11:11
6496204-1	Lehigh	9	421	11/30/22 23:22	12/1/22 6:23
6496206-1	Montgomery	2	733	11/30/22 23:27	12/1/22 11:40
6496222-1	Bucks	2	578	11/30/22 23:47	12/1/22 9:25
6496228-1	Bucks	6	571	11/30/22 23:54	12/1/22 9:25
6496230-1	Bucks	2	818	11/30/22 23:58	12/1/22 13:36
6496231-1	Bucks	21	616	12/1/22 0:02	12/1/22 10:18
6496240-1	Dauphin	1	857	12/1/22 0:23	12/1/22 14:40
6496276-1	Monroe	7	577	12/1/22 1:08	12/1/22 10:45
6496287-1	Lehigh	13	527	12/1/22 1:12	12/1/22 9:59
6496290-1	Union	14	865	11/30/22 21:21	12/1/22 11:46
6496300-1	Perry	4	575	12/1/22 2:29	12/1/22 12:04
6496301-1	Perry	1	414	12/1/22 2:45	12/1/22 9:39
6496304-1	Lycoming	36	678	12/1/22 3:12	12/1/22 14:30
6496319-1	Bucks	222	487	12/1/22 4:38	12/1/22 12:45
6496323-1	Juniata	19	479	12/1/22 4:41	12/1/22 12:40

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6496333-1	Montour	396	403	12/1/22 5:03	12/1/22 11:47
6496355-1	Luzerne	3	1175	11/30/22 14:54	12/1/22 10:29
6496364-1	Schuylkill	9	437	12/1/22 6:00	12/1/22 13:17
6496370-1	Schuylkill	3	661	12/1/22 6:19	12/1/22 17:20
6496374-1	Northampton	1	404	12/1/22 6:21	12/1/22 13:05
6496394-1	Bucks	1	400	12/1/22 6:56	12/1/22 13:36
6496405-1	Schuylkill	1	602	12/1/22 7:23	12/1/22 17:25
6496427-1	Carbon	1	399	12/1/22 7:53	12/1/22 14:32
6496437-1	Northampton	1	1792	11/30/22 16:17	12/1/22 22:09
6496584-1	Schuylkill	4	1099	11/30/22 22:27	12/1/22 16:46
6496605-1	Schuylkill	1	388	12/1/22 10:37	12/1/22 17:05
6496657-1	Union	1	1359	11/30/22 15:15	12/1/22 13:54
6496745-1	Lackawanna	63	400	12/1/22 12:46	12/1/22 23:08
6497076-1	Schuylkill	77	430	11/30/22 17:17	12/1/22 0:27
6497081-1	Lancaster	36	622	11/30/22 15:36	12/1/22 2:00
6497397-1	Lycoming	15	578	11/30/22 13:50	11/30/22 23:28
6497941-1	Northampton	34	1354	11/30/22 16:13	12/1/22 14:47
6498740-1	Lancaster	37	388	11/30/22 11:14	11/30/22 17:42
6499413-1	Lycoming	107	1707	11/30/22 14:54	12/1/22 19:55
6499552-1	Northumberland	915	874	11/30/22 22:26	12/1/22 13:01

(f) Reason for the interruption or outages:

The interruptions were caused by a rain and wind event that affected all regions of PPL Electric's service territory between the morning of Wednesday, November 30, and the afternoon of Thursday, December 1. This event brought moderate rain and 24 hours of breezy conditions, with sustained wind gusts generally in the 20-30 MPH range, and peak gusts generally in the 30-40 MPH range.

(g) Projected time of restoration:

Restoration was projected to be completed by 2330 on December 1, 2022.

- (h) The number of utility workers, contract workers and workers received as mutual aid assigned specifically to the repair work by general function, that is linemen, troublemen, tree crew and the like:

Company	# Workers	Function
PPL Electric Utilities	179	Distribution Line
PPL Electric Utilities	55	Foremen
PPL Electric Utilities	74	Electrician
PPL Electric Utilities	30	Troublemen
PPL Electric Utilities	46	Office Personnel
Harlan	14	Electrical Contract Crews
Haugland	5	Electrical Contract Crews
IB- Abel	38	Electrical Contract Crews
Infrasource	20	Electrical Contract Crews
Matrix Nac	11	Electrical Contract Crews
Metrotek	19	Electrical Contract Crews
O'Connell	9	Electrical Contract Crews
Primoris	25	Electrical Contract Crews
Pennline	29	Tree Contract Crews
Treesmiths	45	Tree Contract Crews
Asplundh	98	Tree Contract Crews

- (i) The date and time of the first information of service interruption:

The initial service interruption occurred at approximately 0530 on November 30, 2022.

- (j) The date and time that repair crews were assembled:

Crews were assembled on November 30, 2022, at approximately 0700.

- (k) The actual time that service was restored to the last affected customer:

The final customer was restored at 2308 on December 1, 2022.

- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

The damage to PPL Electric facilities included trees or limbs on conductor, downed wires, and broken equipment.

Approximate materials used to complete restoration included:

- Wire and Cable – 2,212 feet
- Arrestors – 10
- Cross arms – 30
- Wood Poles – 8
- Transformers – 15
- Cutouts – 9

- (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:

As of November 29, PPL Electric's weather outlook for November 30-December 1 called for approximately 24 hours of elevated winds with common gusts in the 20-35 MPH range and peak gusts in the 40-45 MPH range. Approximately 1 inch of rain accumulation was forecast. This forecast remained consistent on the morning of November 30.

- (n) 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:

This event did not impact more than 10% of PPL Electric customers.

Event and Rank	Event Date	Number of Outages	Duration of Outages

Remarks:
