



VIA E-FILE

April 5, 2024

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 March 23-24, 2024
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 0300 on Saturday, March 23, 2024, and 2030 on Sunday, March 24, 2024. This event caused 160 outage cases and 13,365 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 April 5, 2024, 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:

Juliana 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:
March 24, 2024, at 17:07.

5. Interruption or Outage:
 - (a) Number of customers affected: 13,365

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

County	Outage Cases	Trouble Cases
Berks	3	
Bucks	11	3
Carbon	7	4
Columbia	9	
Cumberland	3	1
Dauphin	2	1
Juniata	1	
Lackawanna	6	
Lancaster	7	6
Lebanon	2	
Lehigh	15	4
Luzerne	3	1
Lycoming	5	2
Monroe	39	8
Montgomery		1
Northampton	3	2
Northumberland	3	
Perry		2
Pike	10	2
Schuylkill	7	5
Susquehanna	1	1
Wayne	23	6
	160	49

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

County	Number of Customers Interrupted
Berks	27
Bucks	456
Carbon	939
Columbia	556
Cumberland	35
Dauphin	9
Juniata	4
Lackawanna	986
Lancaster	629
Lebanon	196
Lehigh	1,340
Luzerne	37
Lycoming	144
Monroe	1,803
Northampton	3,123
Northumberland	128
Pike	180
Schuylkill	1,062
Susquehanna	13
Wayne	1,698
Total	13,365

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

Seventy-four (74) 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
7189722-1	45	97	633	3/23/24 5:45	3/23/24 16:18
7189733-1	48	8	817	3/23/24 6:12	3/23/24 19:49
7189746-1	39	247	537	3/23/24 7:24	3/23/24 16:21
7189750-1	52	36	556	3/23/24 7:24	3/23/24 16:40
7189773-1	64	41	421	3/23/24 7:59	3/23/24 15:00
7189894-1	39	8	488	3/23/24 12:29	3/23/24 20:37
7189908-1	64	14	362	3/23/24 12:43	3/23/24 18:45
7189956-1	45	1	1224	3/23/24 14:15	3/24/24 10:39
7189982-1	52	3	934	3/23/24 13:16	3/24/24 4:50
7189988-1	45	14	750	3/23/24 15:15	3/24/24 3:45
7189993-1	45	2	1216	3/23/24 15:29	3/24/24 11:45
7190009-1	54	4	460	3/23/24 15:50	3/23/24 23:30
7190016-1	64	115	545	3/23/24 14:24	3/23/24 23:29
7190027-1	54	55	447	3/23/24 16:01	3/23/24 23:28
7190045-1	64	1	480	3/23/24 16:35	3/24/24 0:35
7190069-1	45	13	791	3/23/24 17:04	3/24/24 6:15
7190075-1	39	108	723	3/23/24 17:09	3/24/24 5:12
7190092-1	39	32	867	3/23/24 17:16	3/24/24 7:44
7190097-1	45	3	1410	3/23/24 17:18	3/24/24 16:48
7190105-1	52	28	1104	3/23/24 17:21	3/24/24 11:45
7190120-1	41	34	424	3/23/24 17:26	3/24/24 0:30
7190166-1	45	3	1102	3/23/24 17:44	3/24/24 12:06
7190175-1	19	14	557	3/23/24 17:51	3/24/24 3:08
7190179-1	45	16	847	3/23/24 17:55	3/24/24 8:02
7190193-1	45	12	1564	3/23/24 18:09	3/24/24 20:13
7190197-1	52	1	884	3/23/24 18:16	3/24/24 9:00
7190198-1	45	8	419	3/23/24 18:16	3/24/24 1:15
7190202-1	13	1	403	3/23/24 18:18	3/24/24 1:01
7190204-1	19	1	633	3/23/24 17:55	3/24/24 4:28
7190208-1	45	44	879	3/23/24 18:21	3/24/24 9:00
7190218-1	39	7	1126	3/23/24 18:34	3/24/24 13:20
7190219-1	41	8	406	3/23/24 18:33	3/24/24 1:19
7190230-1	9	16	529	3/23/24 18:53	3/24/24 3:42
7190238-1	9	1	1026	3/23/24 19:05	3/24/24 12:11
7190239-1	45	44	942	3/23/24 19:06	3/24/24 10:48
7190241-1	9	61	426	3/23/24 19:05	3/24/24 2:11
7190250-1	52	1	997	3/23/24 19:13	3/24/24 11:50
7190255-1	45	120	423	3/23/24 19:22	3/24/24 2:25
7190293-1	45	2	574	3/23/24 19:46	3/24/24 5:20
7190312-1	45	7	743	3/23/24 20:08	3/24/24 8:31
7190313-1	45	2	1064	3/23/24 20:08	3/24/24 13:52
7190326-1	35	10	558	3/23/24 17:58	3/24/24 3:16
7190378-1	45	64	382	3/23/24 20:39	3/24/24 3:01
7190387-1	39	5	875	3/23/24 18:57	3/24/24 9:32
7190400-1	39	3	886	3/23/24 21:01	3/24/24 11:47
7190418-1	45	66	612	3/23/24 21:08	3/24/24 7:20
7190420-1	39	43	650	3/23/24 21:10	3/24/24 8:00
7190429-1	9	23	433	3/23/24 21:18	3/24/24 4:31
7190433-1	39	58	500	3/23/24 19:40	3/24/24 4:00
7190442-1	45	6	778	3/23/24 21:36	3/24/24 10:34

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
7190459-1	39	1	692	3/23/24 21:51	3/24/24 9:23
7190466-1	45	18	812	3/23/24 21:55	3/24/24 11:27
7190490-1	13	18	638	3/23/24 22:23	3/24/24 9:01
7190500-1	45	3	672	3/23/24 22:32	3/24/24 9:44
7190510-1	13	37	714	3/23/24 22:42	3/24/24 10:36
7190515-1	45	4	580	3/23/24 22:50	3/24/24 8:30
7190518-1	45	3	838	3/23/24 22:54	3/24/24 12:52
7190525-1	45	22	629	3/23/24 23:01	3/24/24 9:30
7190530-1	35	42	472	3/23/24 23:10	3/24/24 7:02
7190533-1	45	6	777	3/23/24 23:11	3/24/24 12:08
7190536-1	45	1	703	3/23/24 23:17	3/24/24 11:00
7190543-1	52	3	745	3/23/24 23:27	3/24/24 11:52
7190544-1	52	17	743	3/23/24 23:27	3/24/24 11:50
7190547-1	38	53	464	3/23/24 23:31	3/24/24 7:15
7190553-1	13	110	484	3/23/24 23:41	3/24/24 7:45
7190554-1	64	56	605	3/23/24 23:43	3/24/24 9:48
7190570-1	9	1	840	3/23/24 22:23	3/24/24 12:23
7190575-1	9	78	479	3/24/24 1:56	3/24/24 9:55
7190614-1	39	144	628	3/24/24 5:20	3/24/24 15:48
7190616-1	64	410	442	3/24/24 5:17	3/24/24 12:39
7190642-1	9	2	482	3/24/24 5:28	3/24/24 13:30
7190652-1	45	89	684	3/23/24 22:56	3/24/24 10:20
7191427-1	45	180	1221	3/23/24 21:52	3/24/24 18:13
7192085-1	49	15	365	3/23/24 17:17	3/23/24 23:22

(f) Reason for the interruption or outages:

The interruptions were caused by a weather system that brought heavy rain and windy conditions to all regions of PPL Electric’s service territory beginning on Saturday, March 23, 2024.

(g) Projected time of restoration:

Restoration was projected to be completed by 20:30 on March 24, 2024.

- (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	80	Office Personnel
PPL Electric Utilities	169	T&D Line
PPL Electric Utilities	24	Assessors
PPL Electric Utilities	2	Electricians
PPL Electric Utilities	6	Foremen
PPL Electric Utilities	4	Tree Crews
Haugland	8	Electrical Contract Crews
IB Abel	17	Electrical Contract Crews
Infrasource	39	Electrical Contract Crews
O'Connell Electric	10	Electrical Contract Crews
Primoris Electric, Inc	9	Electrical Contract Crews
Pennline	12	Tree Contract Crews
Treesmiths	10	Tree Contract Crews
Asplundh	18	Tree Contract Crews

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

The initial service interruption occurred at approximately 03:00 on March 23, 2024.

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

PPL repair crews were first assembled at 15:00 on Saturday, March 23, 2024.

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

All customers were restored by 20:13 on Sunday, March 24, 2024.

- (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:

- Arrestors – 5
- Crossarms – 3
- Wood Poles – 3
- Transformers –6
- Cutouts – 4

(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 Friday, March 22, PPL Electric’s weather outlook for Saturday, March 23 called for heavy rain through 17:00 followed by wind gusts of 30-35 MPH, with isolated peaks to 40 MPH, through approximately 23:00. After that time winds were expected to gradually ramp down through Sunday evening. Actual conditions were consistent with the forecast.

(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:
