



VIA E-FILE

March 8, 2023

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 Event on February 21 – February 22, 2023
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 event between 1300 on Tuesday, February 21, 2023, and 2200 on Wednesday, February 22, 2022. This event caused 202 outage cases and 13,770 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 March 8, 2023, 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:
February 21, 2023, at 2152.
5. Interruption or Outage:
 - (a) Number of customers affected: 13,770.

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

County	Trouble Cases
Bucks	48
Carbon	7
Clinton	2
Columbia	8
Cumberland	2
Dauphin	4
Juniata	4
Lackawanna	14
Lancaster	5
Lehigh	13
Luzerne	22
Lycoming	9
Monroe	23
Montgomery	6
Montour	1
Northampton	1
Northumberland	2
Perry	8
Schuylkill	14
Susquehanna	2
Union	3
Wayne	4
Total	202

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

County	# Customers (Permanent)
Bucks	2,764
Carbon	97
Clinton	235
Columbia	334
Cumberland	56
Dauphin	213
Juniata	250
Lackawanna	679
Lancaster	133
Lehigh	690
Luzerne	3,285
Lycoming	294
Monroe	900
Montgomery	324
Montour	78

Northampton	425
Northumberland	24
Perry	158
Schuylkill	1,940
Susquehanna	670
Union	49
Wayne	172
Total	13,770

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

One hundred and eight (108) cases exceeded six hours in duration.

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

County	Job Number	Trouble Date & Time	Restored Date & Time	Duration in Minutes	Customers Out 6 or More Hours
Bucks	6532548-1	2/21/2023 3:30:00 PM	2/22/2023 6:57:00 AM	927	365
Bucks	6532583-1	2/21/2023 3:34:21 PM	2/22/2023 10:25:00 AM	1,131	9
Bucks	6532590-1	2/21/2023 3:36:49 PM	2/21/2023 10:09:00 PM	392	20
Bucks	6532592-1	2/21/2023 2:38:00 PM	2/22/2023 9:42:00 AM	1,144	1
Bucks	6532627-1	2/21/2023 3:47:22 PM	2/22/2023 1:10:00 AM	563	33
Bucks	6532636-1	2/21/2023 3:49:14 PM	2/22/2023 1:40:00 AM	591	6
Bucks	6532651-1	2/21/2023 3:51:00 PM	2/22/2023 1:17:00 AM	566	2
Bucks	6532662-1	2/21/2023 3:52:25 PM	2/21/2023 11:27:00 PM	455	15
Bucks	6532676-1	2/21/2023 3:55:22 PM	2/22/2023 3:29:00 AM	694	7
Bucks	6532684-1	2/21/2023 3:56:41 PM	2/22/2023 12:30:00 AM	513	5
Bucks	6532687-1	2/21/2023 3:56:44 PM	2/22/2023 2:15:00 PM	1,338	5
Bucks	6532690-1	2/21/2023 3:56:05 PM	2/22/2023 2:15:00 AM	619	40
Bucks	6532691-1	2/21/2023 3:57:15 PM	2/22/2023 3:45:00 PM	1,428	8
Bucks	6532695-1	2/21/2023 3:58:52 PM	2/21/2023 10:15:00 PM	376	24
Bucks	6532698-1	2/21/2023 3:57:28 PM	2/21/2023 11:50:00 PM	473	10

Bucks	6532699-1	2/21/2023 3:58:40 PM	2/22/2023 3:32:00 AM	693	209
Bucks	6532701-1	2/21/2023 3:58:33 PM	2/22/2023 12:20:00 AM	501	3
Bucks	6532704-1	2/21/2023 3:58:07 PM	2/22/2023 1:40:00 AM	582	4
Bucks	6532717-1	2/21/2023 4:01:34 PM	2/21/2023 10:57:00 PM	415	41
Bucks	6532719-1	2/21/2023 4:02:18 PM	2/22/2023 1:17:00 AM	555	29
Bucks	6532728-1	2/21/2023 4:02:22 PM	2/22/2023 2:59:00 AM	657	21
Bucks	6532744-1	2/21/2023 4:05:52 PM	2/22/2023 1:11:00 AM	545	1
Bucks	6532802-1	2/21/2023 4:12:45 PM	2/22/2023 3:27:00 AM	674	2
Bucks	6532826-1	2/21/2023 4:17:04 PM	2/22/2023 3:39:00 AM	682	3
Bucks	6532893-1	2/21/2023 4:46:56 PM	2/22/2023 7:01:00 AM	854	9
Bucks	6532902-1	2/21/2023 4:48:50 PM	2/22/2023 3:51:00 AM	662	1
Bucks	6532908-1	2/21/2023 4:50:41 PM	2/22/2023 1:00:00 AM	489	9
Bucks	6532921-1	2/21/2023 3:53:50 PM	2/22/2023 3:17:00 PM	1,403	9
Bucks	6532953-1	2/21/2023 5:20:19 PM	2/22/2023 1:53:00 AM	513	24
Bucks	6532981-1	2/21/2023 5:34:18 PM	2/22/2023 1:21:00 PM	1,187	2
Bucks	6533065-1	2/21/2023 7:04:42 PM	2/22/2023 3:29:00 AM	504	1
Bucks	6533074-1	2/21/2023 3:59:52 PM	2/21/2023 11:24:00 PM	444	14
Bucks	6533195-1	2/21/2023 10:41:38 PM	2/22/2023 11:15:00 AM	753	2
Bucks	6533208-1	2/21/2023 3:53:03 PM	2/22/2023 3:15:00 PM	1,402	142
Bucks	6533259-1	2/22/2023 3:05:24 AM	2/22/2023 2:25:00 PM	680	4
Bucks	6533260-1	2/21/2023 3:54:22 PM	2/22/2023 11:27:00 AM	1,173	19
Bucks	6533261-1	2/21/2023 4:38:31 PM	2/22/2023 11:28:00 AM	1,129	9
Bucks	6533262-1	2/21/2023 3:34:21 PM	2/22/2023 3:43:00 AM	729	28
Bucks	6533649-1	2/21/2023 3:54:22 PM	2/22/2023 2:30:00 AM	636	415
Carbon	6532591-1	2/21/2023 3:37:54 PM	2/22/2023 2:20:00 AM	642	8
Carbon	6532593-1	2/21/2023 3:39:14 PM	2/21/2023 10:50:00 PM	431	13
Carbon	6532594-1	2/21/2023 3:39:18 PM	2/22/2023 11:08:00 AM	1,169	10

Clinton	6532347-1	2/21/2023 2:06:35 PM	2/21/2023 8:24:00 PM	377	55
Columbia	6532410-1	2/21/2023 2:47:25 PM	2/22/2023 10:30:00 AM	1,183	12
Dauphin	6532524-1	2/21/2023 3:24:56 PM	2/21/2023 10:04:00 PM	399	113
Lackawanna	6532647-1	2/21/2023 3:50:34 PM	2/22/2023 12:45:00 AM	534	9
Lackawanna	6532683-1	2/21/2023 3:56:29 PM	2/22/2023 1:50:00 AM	594	4
Lackawanna	6532755-1	2/21/2023 4:05:54 PM	2/21/2023 11:42:00 PM	456	27
Lackawanna	6532787-1	2/21/2023 4:08:00 PM	2/21/2023 10:24:00 PM	376	20
Lackawanna	6532799-1	2/21/2023 4:09:29 PM	2/22/2023 2:25:00 AM	616	8
Lackawanna	6532806-1	2/21/2023 4:13:45 PM	2/21/2023 11:03:00 PM	409	20
Lackawanna	6532814-1	2/21/2023 4:13:45 PM	2/21/2023 11:31:00 PM	437	3
Lackawanna	6532818-1	2/21/2023 4:11:29 PM	2/21/2023 10:18:00 PM	367	12
Lackawanna	6533150-1	2/21/2023 4:03:41 PM	2/22/2023 1:30:00 AM	566	23
Lehigh	6532620-1	2/21/2023 3:45:46 PM	2/22/2023 3:01:00 AM	675	18
Lehigh	6532637-1	2/21/2023 3:49:04 PM	2/21/2023 9:50:00 PM	361	9
Lehigh	6532982-1	2/21/2023 3:45:48 PM	2/21/2023 11:10:00 PM	444	20
Lehigh	6533002-1	2/21/2023 4:03:01 PM	2/21/2023 10:05:00 PM	362	76
Luzerne	6532458-1	2/21/2023 3:16:00 PM	2/22/2023 12:15:00 PM	1,259	53
Luzerne	6532461-1	2/21/2023 3:09:21 PM	2/22/2023 10:40:00 AM	1,171	12
Luzerne	6532467-1	2/21/2023 3:12:48 PM	2/22/2023 12:53:00 PM	1,300	8
Luzerne	6532470-1	2/21/2023 3:15:21 PM	2/22/2023 11:14:00 AM	1,199	7
Luzerne	6532510-1	2/21/2023 3:20:30 PM	2/22/2023 3:13:00 AM	713	58
Luzerne	6532547-1	2/21/2023 3:29:10 PM	2/21/2023 11:47:00 PM	498	39
Luzerne	6532631-1	2/21/2023 3:48:32 PM	2/22/2023 5:46:00 AM	837	639
Luzerne	6532935-1	2/21/2023 5:07:02 PM	2/22/2023 8:32:00 AM	925	21
Luzerne	6533026-1	2/21/2023 3:44:33 PM	2/22/2023 12:45:00 PM	1,260	1
Luzerne	6533044-1	2/21/2023 6:43:46 PM	2/22/2023 10:15:00 AM	931	3
Luzerne	6533047-1	2/21/2023 6:45:13 PM	2/22/2023 9:50:00 AM	905	2

Luzerne	6533082-1	2/21/2023 7:29:57 PM	2/22/2023 1:26:00 PM	1,076	3
Luzerne	6533083-1	2/21/2023 7:31:05 PM	2/22/2023 4:20:00 PM	1,249	4
Luzerne	6533102-1	2/21/2023 8:07:40 PM	2/22/2023 1:19:00 PM	1,031	2
Lycoming	6532304-1	2/21/2023 1:05:16 PM	2/21/2023 7:12:00 PM	367	18
Lycoming	6532411-1	2/21/2023 2:47:28 PM	2/21/2023 9:58:00 PM	431	11
Lycoming	6532434-1	2/21/2023 2:55:04 PM	2/21/2023 9:16:00 PM	381	58
Monroe	6532615-1	2/21/2023 3:45:22 PM	2/22/2023 12:27:00 AM	522	5
Monroe	6532618-1	2/21/2023 3:45:23 PM	2/22/2023 1:55:00 AM	610	38
Monroe	6532630-1	2/21/2023 3:48:11 PM	2/22/2023 12:10:00 AM	502	22
Monroe	6532649-1	2/21/2023 3:51:05 PM	2/21/2023 10:34:00 PM	403	19
Monroe	6532677-1	2/21/2023 3:56:25 PM	2/22/2023 2:22:00 AM	626	2
Monroe	6532694-1	2/21/2023 3:56:21 PM	2/22/2023 12:40:00 AM	524	22
Monroe	6532697-1	2/21/2023 3:57:54 PM	2/22/2023 3:40:00 AM	702	2
Monroe	6532721-1	2/21/2023 4:01:35 PM	2/21/2023 10:45:00 PM	403	25
Monroe	6532723-1	2/21/2023 4:01:57 PM	2/22/2023 8:40:00 AM	998	9
Monroe	6532724-1	2/21/2023 4:01:52 PM	2/22/2023 1:45:00 AM	583	11
Monroe	6532805-1	2/21/2023 4:13:35 PM	2/21/2023 11:20:00 PM	426	10
Monroe	6532955-1	2/21/2023 3:59:44 PM	2/22/2023 5:20:00 AM	800	4
Monroe	6533247-1	2/22/2023 2:13:18 AM	2/22/2023 12:30:00 PM	617	197
Monroe	6533645-1	2/21/2023 4:17:03 PM	2/22/2023 9:40:00 PM	1,763	103
Montgomery	6532604-1	2/21/2023 3:43:00 PM	2/22/2023 2:03:00 AM	620	86
Montgomery	6532613-1	2/21/2023 3:45:00 PM	2/21/2023 10:18:00 PM	393	11
Montgomery	6532628-1	2/21/2023 3:48:48 PM	2/21/2023 11:04:00 PM	435	51
Montgomery	6532813-1	2/21/2023 4:14:26 PM	2/22/2023 11:20:00 AM	1,146	1
Northumberland	6532392-1	2/21/2023 2:40:07 PM	2/21/2023 11:00:00 PM	500	19
Northumberland	6532711-1	2/21/2023 4:00:59 PM	2/22/2023 1:17:00 AM	556	5
Perry	6534978-1	2/21/2023 2:31:00 PM	2/21/2023 10:29:00 PM	478	32

Perry	6535027-1	2/21/2023 3:49:00 PM	2/22/2023 2:36:00 AM	647	2
Schuylkill	6532421-1	2/21/2023 2:52:00 PM	2/22/2023 4:56:00 AM	844	744
Schuylkill	6532435-1	2/21/2023 2:55:22 PM	2/21/2023 9:35:00 PM	400	229
Schuylkill	6532443-1	2/21/2023 2:59:16 PM	2/22/2023 9:45:00 AM	1,126	29
Schuylkill	6532444-1	2/21/2023 3:00:00 PM	2/22/2023 1:45:00 AM	645	12
Schuylkill	6532448-1	2/21/2023 3:01:25 PM	2/22/2023 9:00:00 AM	1,079	9
Schuylkill	6532464-1	2/21/2023 3:10:02 PM	2/22/2023 12:45:00 PM	1,295	7
Schuylkill	6532741-1	2/21/2023 4:03:13 PM	2/22/2023 11:49:00 AM	1,186	5
Schuylkill	6532946-1	2/21/2023 5:12:35 PM	2/21/2023 11:35:00 PM	382	20
Schuylkill	6533193-1	2/21/2023 10:36:39 PM	2/22/2023 1:08:00 PM	871	6
Schuylkill	6533296-1	2/22/2023 5:25:02 AM	2/22/2023 12:10:00 PM	405	1
Wayne	6532851-1	2/21/2023 4:24:29 PM	2/22/2023 12:08:00 AM	464	3

(f) Reason for the interruption or outages:

The interruptions were caused by a winter storm that affected all regions of PPL Electric’s service territory between the afternoon of Tuesday, February 21, and the early morning hours of Wednesday, February 22. This event brought moderate rain, light icing, and several inches of wet, heavy snow to all areas of PPL Electric’s service territory.

The primary cause of the service interruptions was wet, heavy snow combined with moderate winds. Snow accumulation was generally 1-3 inches in the southern regions and 3-6 inches in the northern regions, with a high of just over 7 inches at Mount Pocono.

(g) Projected time of restoration:

Restoration was projected to be completed by 2200 on February 22, 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	295	Distribution Line
PPL Electric Utilities	51	Foremen
PPL Electric Utilities	82	Office Personnel
Pennline	6	Tree Contract Crews
Treesmiths	10	Tree Contract Crews
Asplundh	27	Tree Contract Crews
Primoris Electric, Inc.	18	Electrical Contract Crews
O'Connell Electric	9	Electrical Contract Crews
Matrix Nac	8	Electrical Contract Crews
Infrasource	21	Electrical Contract Crews
IB- Abel	25	Electrical Contract Crews
Haugland	10	Electrical Contract Crews
Harlan	15	Electrical Contract Crews

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

The initial service interruption occurred at approximately 1300 on February 21, 2022.

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

PPL crews working on dayshift were held over for the event to work an extended shift and assembled by 1500 to immediately start in restoration. Following this initial wave of resources PPL activated all internal and contractor resources available to continue working on customer restoration through the night and into Wednesday morning.

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

All customers were restored by 2200 on February 22.

(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 – 90 feet
- Arrestors – 5
- Cross arms – 2
- Wood Poles – 4
- Transformers – 1
- Cutouts – 16

(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 February 20, PPL Electric's weather outlook for February 21 called for winter winds across the entire service territory. Winds of generally 15-25 MPH were forecast, with peaks of 30-40 MPH.

- (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:
