



**VIA E-FILE**

October 19, 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 Rain and Wind Event on September 23 – September 25, 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 rain and wind event between 0900 on Saturday, September 23, 2023, and 0100 on Monday, September 25, 2023. This event caused 268 outage cases and 17,644 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 October 19, 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 9<sup>th</sup> 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:  
Monday, September 25, 2023, at approximately 0830.
5. Interruption or Outage:
  - (a) Number of customers affected: 17,644.

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

County	Outage Cases	Trouble Cases
Berks	7	
Bucks	26	5
Carbon	14	7
Chester	2	1
Columbia	8	1
Cumberland	9	8
Dauphin	13	15
Lackawanna	13	7
Lancaster	37	11
Lebanon	3	
Lehigh	25	11
Luzerne	6	1
Lycoming	2	
Monroe	16	9
Montgomery	4	3
Montour	2	
Northampton	16	9
Northumberland	5	1
Perry	11	6
Pike	8	
Schuylkill	18	4
Snyder	5	
Susquehanna	2	
Union	2	1
Wayne	10	2
York	4	3
	268	105

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

County	Number of Customers Interrupted
Berks	401
Bucks	1,106
Carbon	2,978
Chester	28
Columbia	170
Cumberland	933
Dauphin	629
Lackawanna	431
Lancaster	956
Lebanon	48
Lehigh	2,224
Luzerne	259
Lycoming	700
Monroe	1,111
Montgomery	515
Montour	13
Northampton	241
Northumberland	157
Perry	747
Pike	384
Schuylkill	1,344
Snyder	197
Susquehanna	143
Union	377
Wayne	1,002
York	550
	17,644

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

Seventy-five (75) 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
7040478-1	Bucks	4	862	9/23/23 10:28	9/24/23 0:50
7040485-1	Carbon	2	471	9/23/23 10:39	9/23/23 18:30
7040501-1	Luzerne	2	425	9/23/23 11:05	9/23/23 18:10
7040517-1	Lancaster	5	725	9/23/23 11:22	9/23/23 23:27
7040536-1	Luzerne	242	450	9/23/23 11:50	9/23/23 19:20
7040540-1	Berks	1	641	9/23/23 11:54	9/23/23 22:35
7040544-1	Lancaster	2	546	9/23/23 11:59	9/23/23 21:05
7040546-1	Bucks	2	620	9/23/23 11:55	9/23/23 22:15
7040579-1	Lancaster	90	420	9/23/23 12:30	9/23/23 19:30
7040607-1	Northampton	1	534	9/23/23 12:54	9/23/23 21:48
7040609-1	Berks	1	423	9/23/23 12:57	9/23/23 20:00
7040631-1	Lancaster	1	450	9/23/23 13:31	9/23/23 21:01
7040645-1	Lancaster	3	1709	9/23/23 13:41	9/24/23 18:10
7040678-1	Berks	1	485	9/23/23 14:30	9/23/23 22:35
7040702-1	Montgomery	5	448	9/23/23 15:02	9/23/23 22:30
7040710-1	Berks	296	593	9/23/23 15:15	9/24/23 1:08
7040727-1	Northampton	8	389	9/23/23 15:36	9/23/23 22:05
7040734-1	Lebanon	16	438	9/23/23 15:46	9/23/23 23:04
7040751-1	Berks	8	596	9/23/23 16:14	9/24/23 2:10
7040758-1	Monroe	3	522	9/23/23 16:18	9/24/23 1:00
7040771-1	Montgomery	3	573	9/23/23 16:47	9/24/23 2:20
7040781-1	Lancaster	5	378	9/23/23 17:02	9/23/23 23:20
7040786-1	Lancaster	4	664	9/23/23 17:13	9/24/23 4:17
7040788-1	Lancaster	2	495	9/23/23 17:15	9/24/23 1:30
7040811-1	Northampton	4	1900	9/23/23 17:50	9/25/23 1:30
7040834-1	Bucks	5	1532	9/23/23 18:20	9/24/23 19:52
7040844-1	Lebanon	9	430	9/23/23 18:30	9/24/23 1:40
7040848-1	Bucks	5	424	9/23/23 18:41	9/24/23 1:45
7040894-1	Pike	119	556	9/23/23 19:41	9/24/23 4:57
7040908-1	Lebanon	23	381	9/23/23 15:34	9/23/23 21:55
7040909-1	Bucks	11	425	9/23/23 20:28	9/24/23 3:33
7040930-1	Bucks	5	646	9/23/23 20:58	9/24/23 7:44
7040936-1	Lancaster	4	415	9/23/23 21:05	9/24/23 4:00
7040944-1	Bucks	2	1055	9/23/23 18:20	9/24/23 11:55
7040978-1	Schuylkill	2	556	9/23/23 22:40	9/24/23 7:56
7040981-1	Bucks	4	443	9/23/23 22:45	9/24/23 6:08
7040997-1	Schuylkill	7	769	9/23/23 23:40	9/24/23 12:29
7041018-1	Schuylkill	64	733	9/24/23 1:31	9/24/23 13:44
7041025-1	Carbon	4	698	9/24/23 2:10	9/24/23 13:48
7041041-1	Lackawanna	3	503	9/24/23 2:28	9/24/23 10:52
7041049-1	Schuylkill	53	782	9/24/23 2:54	9/24/23 15:56
7041065-1	Cumberland	444	692	9/24/23 3:31	9/24/23 15:03
7041074-1	York	48	409	9/24/23 3:36	9/24/23 10:25
7041078-1	Lackawanna	9	611	9/24/23 3:40	9/24/23 13:51
7041086-1	Lancaster	32	409	9/24/23 4:11	9/24/23 11:00
7041132-1	Wayne	34	506	9/24/23 2:49	9/24/23 11:15
7041158-1	Northampton	29	559	9/24/23 8:05	9/24/23 17:24
7041168-1	Lancaster	1	459	9/24/23 8:19	9/24/23 15:58
7041171-1	Cumberland	3	405	9/24/23 8:27	9/24/23 15:12
7041172-1	Bucks	2	1308	9/23/23 23:19	9/24/23 21:07

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
7041175-1	Perry	13	400	9/24/23 8:30	9/24/23 15:10
7041176-1	Perry	108	384	9/24/23 8:32	9/24/23 14:56
7041219-1	Susquehanna	74	486	9/24/23 9:14	9/24/23 17:20
7041229-1	Schuylkill	3	418	9/24/23 12:42	9/24/23 19:40
7041230-1	Lancaster	1	1122	9/24/23 9:23	9/25/23 4:05
7041256-1	Northampton	2	450	9/24/23 9:50	9/24/23 17:20
7041292-1	Columbia	3	481	9/24/23 10:35	9/24/23 18:36
7041302-1	Bucks	1	402	9/24/23 10:48	9/24/23 17:31
7041308-1	Lancaster	8	607	9/24/23 10:59	9/24/23 21:06
7041374-1	Pike	116	384	9/24/23 12:37	9/24/23 19:01
7041461-1	Lancaster	1	810	9/24/23 11:41	9/25/23 1:11
7041464-1	Lancaster	1	718	9/24/23 14:22	9/25/23 2:20
7041521-1	Lehigh	1	553	9/24/23 15:47	9/25/23 1:00
7041539-1	Lehigh	3	782	9/24/23 15:01	9/25/23 4:03
7041556-1	Carbon	11	511	9/24/23 16:49	9/25/23 1:20
7041607-1	Monroe	3	438	9/24/23 18:05	9/25/23 1:23
7041625-1	Columbia	63	476	9/24/23 18:45	9/25/23 2:41
7041677-1	Northampton	3	361	9/24/23 19:42	9/25/23 1:43
7041682-1	Monroe	4	382	9/24/23 17:51	9/25/23 0:13
7041706-1	Northumberland	10	432	9/24/23 20:33	9/25/23 3:45
7041736-1	Snyder	57	854	9/24/23 21:48	9/25/23 12:02
7041740-1	Union	333	675	9/24/23 22:17	9/25/23 9:32
7041790-1	Columbia	52	582	9/25/23 0:15	9/25/23 9:57
7041793-1	Northumberland	3	510	9/25/23 0:30	9/25/23 9:00
7041800-1	Northumberland	67	481	9/25/23 0:43	9/25/23 8:44

(f) Reason for the interruption or outages:

The interruptions were caused by a wind and rain event on September 23-24, 2023, that saw the remnants of Tropical Storm Ophelia pass through PPL Electric’s service territory. Heavy rainfall and approximately 24 hours of steady wind gusts in the 20-30 MPH range impacted all regions.

(g) Projected time of restoration:

Restoration was projected to be completed by 1300 on September 25, 2023.

- (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:

The approximate number of responders is as follows:

Company	# Workers	Function
PPL Electric Utilities	61	Office Personnel
PPL Electric Utilities	152	Distribution Line
PPL Electric Utilities	16	Foremen
PPL Electric Utilities	35	Material Handlers
PPL Electric Utilities	2	Electricians
PPL Electric Utilities	2	Substation Electricians
Haugland	5	Electrical Contract Crews
IB Abel	48	Electrical Contract Crews
Infrasource	39	Electrical Contract Crews
Primoris Electric, Inc	43	Electrical Contract Crews
PPL EU	2	Tree Crew Management
ECI	5	Tree Crew Management
Pennline	15	Tree Contract Crews
Treesmiths	30	Tree Contract Crews
Asplundh	78	Tree Contract Crews

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

The initial service interruption occurred at approximately 0900 on September 23, 2023.

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

Saturday, September 23, at approximately 0830.

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

The final customer was restored at 1202 on September 25, 2023.

- (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 – 2,100 feet
- Arrestors – 8
- Cross arms – 27
- Wood Poles – 6
- Transformers – 13
- Cutouts – 10

- (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 September 22, 2023, the forecast for September 23-24, 2023, called for heavy rain and 24 to 30 hours of steady winds in the 20-30 MPH range as the remnants of Tropical Storm Ophelia passed through the service territory.

- (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:

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