



**VIA E-FILE**

September 11, 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 T&L Event on August 12, 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 thunder and lightning event between 1420 on Saturday, August 12 and 1845 on Sunday August 13, 2023. This event caused 211 outage cases and 11,284 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 September 11, 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:  
August 13, 2023, at approximately 10:00.
5. Interruption or Outage:
  - (a) Number of customers affected: 11,284

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

County	Outage Cases	Trouble Cases
Berks	15	3
Bucks	28	5
Carbon	4	1
Chester	1	
Clinton	3	1
Columbia	16	
Cumberland	3	
Dauphin	6	3
Juniata		1
Lackawanna	3	1
Lancaster	36	11
Lebanon	6	2
Lehigh	19	10
Luzerne	12	
Lycoming	10	3
Monroe	6	2
Montgomery	11	4
Northampton	4	3
Northumberland	2	
Perry	9	1
Pike	2	
Schuylkill	6	1
Wayne	8	1
Wyoming	1	1
	211	54

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

County	Number of Customers Interrupted
Berks	619
Bucks	732
Carbon	399
Chester	2
Clinton	43
Columbia	252
Cumberland	97
Dauphin	68
Lackawanna	48
Lancaster	2,300
Lebanon	149
Lehigh	573
Luzerne	295
Lycoming	198
Monroe	245
Montgomery	810
Northampton	3,619
Northumberland	5
Perry	83
Pike	9
Schuylkill	89
Wayne	639
Wyoming	10
	11,284

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

One hundred and six (106) 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
6996960-1	Columbia	3	550	8/12/23 16:00	8/13/23 1:10
6996961-1	Columbia	15	661	8/12/23 16:01	8/13/23 3:02
6996964-1	Columbia	6	607	8/12/23 16:08	8/13/23 2:15
6996971-1	Columbia	7	464	8/12/23 16:23	8/13/23 0:07
6996982-1	Luzerne	10	977	8/12/23 16:36	8/13/23 8:53
6996984-1	Luzerne	22	1550	8/12/23 16:39	8/13/23 18:29
6996989-1	Luzerne	33	1412	8/12/23 16:40	8/13/23 16:12
6997057-1	Clinton	22	650	8/12/23 18:04	8/13/23 4:54
6997059-1	Clinton	17	484	8/12/23 18:06	8/13/23 2:10
6997095-1	Lycoming	1	486	8/12/23 18:59	8/13/23 3:05
6997107-1	Luzerne	1	849	8/12/23 19:36	8/13/23 9:45
6997117-1	Wayne	27	388	8/12/23 20:02	8/13/23 2:30
6997152-1	Lycoming	30	537	8/12/23 21:43	8/13/23 6:40
6997156-1	Lycoming	17	723	8/12/23 21:50	8/13/23 9:53
6997189-1	Lancaster	3	1237	8/12/23 23:40	8/13/23 20:17
6997195-1	Lancaster	3	1415	8/12/23 23:40	8/13/23 23:15
6997198-1	Lebanon	4	794	8/12/23 23:59	8/13/23 13:13
6997203-1	Lancaster	23	744	8/13/23 0:03	8/13/23 12:27
6997209-1	Lancaster	3	1464	8/13/23 0:06	8/14/23 0:30
6997211-1	Lancaster	34	658	8/13/23 0:07	8/13/23 11:05
6997212-1	Lancaster	20	618	8/13/23 0:07	8/13/23 10:25
6997213-1	Lancaster	3	887	8/13/23 0:09	8/13/23 14:56
6997214-1	Berks	8	716	8/13/23 0:09	8/13/23 12:05
6997215-1	Lancaster	32	592	8/13/23 0:09	8/13/23 10:01
6997216-1	Lancaster	80	845	8/13/23 0:10	8/13/23 14:15
6997218-1	Lancaster	111	398	8/13/23 0:10	8/13/23 6:48
6997223-1	Berks	95	363	8/13/23 0:12	8/13/23 6:15
6997227-1	Berks	8	618	8/13/23 0:13	8/13/23 10:31
6997228-1	Berks	154	369	8/13/23 0:13	8/13/23 6:22
6997230-1	Berks	123	948	8/13/23 0:14	8/13/23 16:02
6997231-1	Lancaster	14	858	8/13/23 0:15	8/13/23 14:33
6997233-1	Berks	2	776	8/13/23 0:14	8/13/23 13:10
6997234-1	Berks	65	586	8/13/23 0:14	8/13/23 10:00
6997239-1	Berks	5	859	8/13/23 0:16	8/13/23 14:35
6997247-1	Lehigh	2	845	8/13/23 0:29	8/13/23 14:34
6997257-1	Montgomery	129	1291	8/13/23 0:36	8/13/23 22:07
6997260-1	Northampton	16	878	8/13/23 0:37	8/13/23 15:15
6997264-1	Montgomery	1	1156	8/13/23 0:37	8/13/23 19:53
6997267-1	Lehigh	3	1320	8/13/23 0:41	8/13/23 22:41
6997268-1	Bucks	52	1413	8/13/23 0:42	8/13/23 17:27
6997270-1	Montgomery	51	833	8/13/23 0:38	8/13/23 14:31
6997273-1	Lehigh	17	974	8/13/23 0:43	8/13/23 16:57
6997274-1	Bucks	33	803	8/13/23 0:45	8/13/23 14:08
6997275-1	Lehigh	9	1829	8/13/23 0:45	8/14/23 7:14
6997276-1	Bucks	3	1054	8/13/23 0:46	8/13/23 18:20
6997278-1	Bucks	4	1363	8/13/23 0:47	8/13/23 23:30
6997281-1	Montgomery	147	802	8/13/23 0:49	8/13/23 14:11
6997287-1	Montgomery	4	1002	8/13/23 0:48	8/13/23 17:30
6997288-1	Bucks	37	859	8/13/23 0:49	8/13/23 15:08
6997290-1	Bucks	14	1028	8/13/23 0:50	8/13/23 17:58

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6997293-1	Bucks	15	701	8/13/23 0:50	8/13/23 12:31
6997294-1	Bucks	16	871	8/13/23 0:50	8/13/23 15:21
6997295-1	Bucks	85	1075	8/13/23 0:53	8/13/23 18:48
6997296-1	Bucks	62	1553	8/13/23 0:52	8/14/23 2:45
6997308-1	Lehigh	2	1084	8/13/23 0:56	8/13/23 19:00
6997309-1	Lancaster	1	1368	8/13/23 0:56	8/13/23 23:44
6997313-1	Lehigh	39	532	8/13/23 0:58	8/13/23 9:50
6997314-1	Bucks	24	533	8/13/23 0:58	8/14/23 2:38
6997317-1	Lehigh	123	703	8/13/23 0:58	8/13/23 12:41
6997318-1	Lehigh	53	547	8/13/23 0:58	8/13/23 10:05
6997319-1	Lehigh	5	542	8/13/23 0:58	8/13/23 10:00
6997331-1	Bucks	13	785	8/13/23 1:07	8/13/23 14:12
6997334-1	Bucks	37	662	8/13/23 1:12	8/13/23 12:14
6997335-1	Bucks	3	1025	8/13/23 1:03	8/13/23 18:08
6997342-1	Lehigh	76	365	8/13/23 1:17	8/13/23 7:22
6997349-1	Northampton	355	388	8/13/23 1:24	8/13/23 7:52
6997361-1	Northampton	101	549	8/13/23 1:36	8/13/23 10:45
6997366-1	Columbia	1	1421	8/12/23 15:43	8/13/23 15:24
6997368-1	Montgomery	24	1421	8/13/23 0:32	8/14/23 0:13
6997369-1	Montgomery	61	1042	8/13/23 0:33	8/13/23 17:55
6997370-1	Bucks	76	520	8/13/23 8:11	8/13/23 16:51
6997389-1	Lycoming	6	399	8/13/23 2:46	8/13/23 9:25
6997391-1	Lancaster	62	451	8/13/23 2:52	8/13/23 10:23
6997394-1	Chester	2	790	8/13/23 2:55	8/13/23 16:05
6997410-1	Carbon	2	650	8/13/23 4:08	8/13/23 14:58
6997411-1	Lancaster	1	376	8/13/23 4:09	8/13/23 10:25
6997413-1	Lancaster	4	787	8/13/23 4:11	8/13/23 17:18
6997414-1	Lancaster	2	824	8/13/23 4:16	8/13/23 18:00
6997415-1	Berks	6	978	8/13/23 0:12	8/13/23 16:30
6997446-1	Lebanon	16	523	8/13/23 4:47	8/13/23 13:30
6997449-1	Bucks	1	960	8/13/23 0:51	8/13/23 16:51
6997460-1	Lancaster	12	619	8/13/23 1:16	8/13/23 11:35
6997464-1	Berks	4	581	8/13/23 6:44	8/13/23 16:25
6997471-1	Lebanon	1	631	8/13/23 6:59	8/13/23 17:30
6997477-1	Bucks	1	592	8/13/23 7:03	8/13/23 16:55
6997480-1	Lehigh	2	791	8/13/23 7:04	8/13/23 20:15
6997483-1	Montgomery	1	1146	8/13/23 0:38	8/13/23 19:44
6997485-1	Lebanon	1	599	8/13/23 7:11	8/13/23 17:10
6997491-1	Luzerne	1	801	8/13/23 7:19	8/13/23 20:40
6997522-1	Montgomery	1	497	8/13/23 7:58	8/13/23 16:15
6997528-1	Berks	4	1085	8/13/23 1:20	8/13/23 19:25
6997530-1	Cumberland	3	519	8/13/23 8:06	8/13/23 16:45
6997532-1	Lancaster	2	1193	8/13/23 0:08	8/13/23 20:01
6997545-1	Lancaster	1	1553	8/13/23 0:08	8/14/23 2:01
6997553-1	Lancaster	1	369	8/13/23 8:56	8/13/23 15:05
6997558-1	Lackawanna	4	438	8/13/23 9:12	8/13/23 16:30
6997579-1	Lancaster	1	630	8/13/23 9:44	8/13/23 20:14
6997588-1	Lehigh	1	459	8/13/23 9:59	8/13/23 17:38
6997609-1	Lehigh	1	519	8/13/23 10:30	8/13/23 19:09
6997618-1	Northampton	1	597	8/13/23 11:16	8/13/23 21:13

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6997632-1	Lancaster	4	448	8/13/23 11:44	8/13/23 19:12
6997633-1	Lancaster	2	448	8/13/23 11:45	8/13/23 19:13
6997708-1	Bucks	2	592	8/13/23 14:48	8/14/23 0:40
6999414-1	Berks	1	481	8/13/23 6:59	8/13/23 15:00
6999947-1	Lancaster	135	798	8/13/23 0:04	8/13/23 13:22
7003594-1	Bucks	85	668	8/13/23 0:43	8/13/23 11:51

(f) Reason for the interruption or outages:

The interruptions were caused by a thunder and lightning event on August 12-13, 2023, that brought an organized line of thunderstorms across PPL Electric's service territory. Peak wind gusts in the range of 50-60 MPH were observed at several locations.

(g) Projected time of restoration:

Restoration was projected to be completed by 0630 on August 14, 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	57	Distribution Line
PPL Electric Utilities	37	Troublemens
PPL Electric Utilities	0	Assessors
PPL Electric Utilities	22	Foremen
PPL Electric Utilities	4	Electricians
PPL Electric Utilities	15	Material Handlers
PPL Electric Utilities	4	Substation Electricians
PPL Electric Utilities	62	Office Personnel
Harlan	17	Electrical Contract Personnel
Haugland	4	Electrical Contract Personnel
IB- Abel	5	Electrical Contract Personnel
Infrasource	17	Electrical Contract Personnel
O'Connell Electric	7	Electrical Contract Personnel
Primoris Electric	32	Electrical Contract Personnel
North Weeve	51	Electrical Contract Personnel
South Weeve	70	Electrical Contract Personnel
Metro Electrical Services Co	14	Mutual Aid
Vision Utilities	18	Mutual Aid
Asplundh	60	Tree Contract Personnel
Treesmiths	6	Tree Contract Personnel
Pennline	9	Tree Contract Personnel
Various	3	Tree Contract Personnel

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

The initial service interruption occurred at approximately 1430 on August 12, 2023.

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

Crews were assembled on August 12, 2023, at approximately 1400. PPL prearranged crews for the anticipated inclement weather.

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

The final customer was restored at 0714 on August 14, 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 – 1,300 feet
- Arrestors – 5
- Cross arms – 8
- Wood Poles – 3
- Transformers – 7
- Cutouts – 6

- (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 August 11, 2023, the forecast for August 12, 2023, called for severe thunderstorms with wind gusts in the 30-40 MPH range with peak gusts at 50-60 MPH. The actual weather was generally 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:

---

---

---