



**VIA E-FILE**

March 20, 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 March 3 – March 4, 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 1900 on Friday, March 3, 2023, and 2000 on Saturday, March 4, 2023. This event caused 313 outage cases and 18,659 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 20, 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:  
March 4, 2023, at approximately 1120.
5. Interruption or Outage:
  - (a) Number of customers affected: 18,659.

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

County	Outage Cases	Trouble Cases
Bucks	18	1
Carbon	17	1
Clinton	7	4
Columbia	12	1
Cumberland	1	2
Dauphin	8	4
Juniata	2	0
Lackawanna	37	6
Lancaster	15	5
Lehigh	13	5
Luzerne	22	15
Lycoming	18	3
Monroe	66	24
Montgomery	2	3
Montour	2	1
Northampton	6	3
Northumberland	10	0
Perry	7	3
Pike	4	0
Schuylkill	21	7
Snyder	4	1
Susquehanna	6	0
Union	2	1
Wayne	13	4
	<b>313</b>	<b>94</b>

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

County	Number of Customers Interrupted
Bucks	801
Carbon	2,504
Clinton	195
Columbia	199
Cumberland	3
Dauphin	64
Juniata	14
Lackawanna	2,136
Lancaster	442
Lehigh	816
Luzerne	5,015
Lycoming	346
Monroe	2,247
Montgomery	863
Montour	1,225
Northampton	127
Northumberland	60
Perry	213
Pike	280
Schuylkill	596
Snyder	25
Susquehanna	120
Union	28
Wayne	340
	<b>18,659</b>

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

One hundred forty-eight (148) 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
6536219-1	Luzerne	1	1373	3/3/23 19:50	3/4/23 18:43
6536231-1	Schuylkill	2	505	3/3/23 19:58	3/4/23 4:23
6536248-1	Carbon	7	1018	3/3/23 20:08	3/4/23 13:06
6536249-1	Carbon	16	1002	3/3/23 20:08	3/4/23 12:50
6536268-1	Northumberland	19	893	3/3/23 20:32	3/4/23 11:25
6536272-1	Northumberland	3	566	3/3/23 20:10	3/4/23 5:36
6536278-1	Schuylkill	4	886	3/3/23 20:45	3/4/23 11:31
6536280-1	Schuylkill	1	685	3/3/23 20:50	3/4/23 8:15
6536282-1	Schuylkill	22	700	3/3/23 20:51	3/4/23 8:31
6536283-1	Schuylkill	10	937	3/3/23 20:53	3/4/23 12:30
6536290-1	Schuylkill	29	902	3/3/23 20:58	3/4/23 12:00
6536293-1	Luzerne	90	602	3/3/23 21:00	3/4/23 7:02
6536311-1	Schuylkill	39	373	3/3/23 21:03	3/4/23 3:16
6536318-1	Monroe	2	1311	3/3/23 21:09	3/4/23 19:00
6536320-1	Susquehanna	14	900	3/3/23 21:10	3/4/23 12:10
6536321-1	Schuylkill	7	611	3/3/23 21:11	3/4/23 7:22
6536323-1	Schuylkill	195	950	3/3/23 21:12	3/4/23 13:02
6536325-1	Monroe	14	944	3/3/23 21:13	3/4/23 12:57
6536335-1	Columbia	2	1058	3/3/23 21:19	3/4/23 14:57
6536359-1	Bucks	31	917	3/3/23 21:31	3/4/23 12:48
6536363-1	Luzerne	14	790	3/3/23 21:32	3/4/23 10:42
6536368-1	Schuylkill	14	1072	3/3/23 21:33	3/4/23 15:25
6536372-1	Bucks	76	926	3/3/23 21:35	3/4/23 13:01
6536376-1	Bucks	8	599	3/3/23 21:36	3/4/23 7:35
6536384-1	Montgomery	56	558	3/3/23 21:42	3/4/23 7:00
6536385-1	Northampton	5	934	3/3/23 21:46	3/4/23 13:20
6536387-1	Bucks	12	585	3/3/23 21:45	3/4/23 7:30
6536391-1	Monroe	2	1109	3/3/23 21:51	3/4/23 16:20
6536394-1	Luzerne	17	1132	3/3/23 21:53	3/4/23 16:45
6536409-1	Carbon	2	781	3/3/23 21:57	3/4/23 10:58
6536414-1	Carbon	3	976	3/3/23 22:02	3/4/23 14:18
6536415-1	Luzerne	48	609	3/3/23 22:01	3/4/23 8:10
6536421-1	Bucks	21	985	3/3/23 22:05	3/4/23 14:30
6536427-1	Lackawanna	8	550	3/3/23 22:40	3/4/23 7:50
6536428-1	Carbon	29	818	3/3/23 22:12	3/4/23 11:50
6536431-1	Lancaster	1	556	3/3/23 22:14	3/4/23 7:30
6536443-1	Bucks	21	417	3/3/23 22:21	3/4/23 5:18
6536454-1	Monroe	3	1080	3/3/23 22:29	3/4/23 16:30
6536459-1	Bucks	2	1088	3/3/23 22:34	3/4/23 16:42
6536460-1	Carbon	14	462	3/3/23 22:36	3/4/23 6:18
6536465-1	Bucks	42	439	3/3/23 22:41	3/4/23 6:00
6536468-1	Lehigh	5	431	3/3/23 22:46	3/4/23 5:57
6536470-1	Carbon	11	372	3/3/23 22:48	3/4/23 5:00
6536476-1	Bucks	105	958	3/3/23 22:53	3/4/23 14:51
6536477-1	Lackawanna	37	797	3/3/23 22:52	3/4/23 12:10
6536481-1	Monroe	2	1078	3/3/23 22:54	3/4/23 16:52
6536482-1	Monroe	71	396	3/3/23 22:54	3/4/23 5:30
6536488-1	Lackawanna	3	941	3/3/23 22:58	3/4/23 14:39
6536489-1	Monroe	11	494	3/3/23 22:57	3/4/23 7:12
6536495-1	Lackawanna	383	672	3/3/23 23:03	3/4/23 10:15

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6536510-1	Wayne	16	361	3/3/23 23:10	3/4/23 5:11
6536513-1	Pike	81	713	3/3/23 23:12	3/4/23 11:05
6536531-1	Carbon	4	978	3/3/23 23:22	3/4/23 15:40
6536533-1	Lackawanna	1	1012	3/3/23 23:24	3/4/23 16:16
6536536-1	Carbon	224	576	3/3/23 23:24	3/4/23 9:00
6536541-1	Luzerne	4	1057	3/3/23 23:23	3/4/23 17:00
6536543-1	Lycoming	10	1418	3/3/23 23:27	3/4/23 23:05
6536544-1	Wayne	53	387	3/3/23 23:34	3/4/23 6:01
6536546-1	Luzerne	3	1128	3/3/23 23:26	3/4/23 18:14
6536554-1	Monroe	8	556	3/3/23 23:29	3/4/23 8:45
6536557-1	Monroe	9	780	3/3/23 23:30	3/4/23 12:30
6536563-1	Monroe	3	934	3/3/23 23:34	3/4/23 15:08
6536568-1	Monroe	43	413	3/3/23 23:37	3/4/23 6:30
6536589-1	Monroe	3	805	3/3/23 23:45	3/4/23 13:10
6536616-1	Monroe	2	878	3/4/23 0:02	3/4/23 14:40
6536622-1	Monroe	2	900	3/4/23 0:06	3/4/23 15:06
6536628-1	Monroe	3	875	3/4/23 0:08	3/4/23 14:43
6536629-1	Lehigh	2	584	3/4/23 0:12	3/4/23 9:56
6536630-1	Schuylkill	3	794	3/4/23 0:11	3/4/23 13:25
6536632-1	Monroe	4	1055	3/3/23 22:49	3/4/23 16:24
6536637-1	Pike	81	777	3/4/23 0:18	3/4/23 13:15
6536639-1	Monroe	3	780	3/4/23 0:19	3/4/23 13:19
6536667-1	Monroe	21	616	3/4/23 1:04	3/4/23 11:20
6536669-1	Bucks	35	684	3/4/23 1:06	3/4/23 12:30
6536670-1	Monroe	17	640	3/4/23 1:07	3/4/23 11:47
6536672-1	Pike	79	903	3/3/23 22:57	3/4/23 14:00
6536676-1	Lehigh	5	625	3/4/23 1:25	3/4/23 11:50
6536682-1	Monroe	2	936	3/4/23 1:31	3/4/23 17:07
6536683-1	Lycoming	13	1003	3/4/23 1:33	3/4/23 18:17
6536692-1	Wayne	116	595	3/4/23 1:35	3/4/23 11:30
6536700-1	Schuylkill	7	1252	3/4/23 1:43	3/4/23 22:35
6536722-1	Lackawanna	2	793	3/4/23 1:56	3/4/23 15:09
6536732-1	Monroe	21	579	3/4/23 1:59	3/4/23 11:38
6536741-1	Monroe	4	688	3/4/23 2:01	3/4/23 13:30
6536746-1	Lackawanna	2	807	3/4/23 2:05	3/4/23 15:32
6536747-1	Lackawanna	2	715	3/4/23 2:05	3/4/23 14:00
6536757-1	Lackawanna	94	599	3/4/23 2:11	3/4/23 12:10
6536760-1	Monroe	4	639	3/4/23 2:12	3/4/23 12:51
6536765-1	Monroe	4	681	3/4/23 2:19	3/4/23 13:40
6536766-1	Lycoming	9	474	3/4/23 2:21	3/4/23 10:15
6536767-1	Lackawanna	166	542	3/4/23 2:22	3/4/23 11:24
6536770-1	Lackawanna	13	615	3/4/23 2:24	3/4/23 12:39
6536772-1	Monroe	148	513	3/4/23 2:27	3/4/23 11:00
6536775-1	Lackawanna	182	511	3/4/23 2:29	3/4/23 11:00
6536776-1	Lackawanna	2	724	3/4/23 2:30	3/4/23 14:34
6536777-1	Monroe	275	687	3/4/23 2:33	3/4/23 14:00
6536778-1	Susquehanna	15	435	3/4/23 2:35	3/4/23 9:50
6536779-1	Schuylkill	2	911	3/4/23 2:39	3/4/23 17:50
6536783-1	Lackawanna	93	585	3/4/23 2:41	3/4/23 12:26
6536787-1	Monroe	3	685	3/4/23 2:50	3/4/23 14:15

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6536788-1	Lackawanna	7	491	3/4/23 2:49	3/4/23 11:00
6536789-1	Lackawanna	2	720	3/4/23 2:50	3/4/23 14:50
6536791-1	Wayne	14	439	3/4/23 2:53	3/4/23 10:12
6536792-1	Lackawanna	6	505	3/4/23 2:55	3/4/23 11:20
6536795-1	Susquehanna	80	541	3/4/23 2:59	3/4/23 12:00
6536802-1	Columbia	2	789	3/4/23 1:10	3/4/23 14:19
6536805-1	Monroe	23	480	3/4/23 3:25	3/4/23 11:25
6536811-1	Monroe	6	595	3/4/23 3:30	3/4/23 13:25
6536813-1	Monroe	3	1003	3/4/23 3:31	3/4/23 20:14
6536814-1	Monroe	9	712	3/4/23 3:33	3/4/23 15:25
6536818-1	Luzerne	1	560	3/4/23 3:41	3/4/23 13:01
6536819-1	Monroe	2	624	3/4/23 3:41	3/4/23 14:05
6536821-1	Monroe	3	641	3/4/23 3:44	3/4/23 14:25
6536822-1	Wayne	39	566	3/4/23 3:46	3/4/23 13:12
6536825-1	Monroe	19	612	3/4/23 3:48	3/4/23 14:00
6536830-1	Luzerne	1	541	3/4/23 4:20	3/4/23 13:21
6536831-1	Lycoming	2	414	3/4/23 4:21	3/4/23 11:15
6536848-1	Lackawanna	10	777	3/4/23 2:41	3/4/23 15:38
6536849-1	Monroe	3	622	3/4/23 5:23	3/4/23 15:45
6536852-1	Lackawanna	1	587	3/4/23 5:27	3/4/23 15:14
6536853-1	Monroe	21	1006	3/4/23 0:29	3/4/23 17:15
6536854-1	Carbon	1	453	3/4/23 5:30	3/4/23 13:03
6536858-1	Luzerne	6	982	3/4/23 5:41	3/4/23 22:03
6536860-1	Susquehanna	4	377	3/4/23 5:48	3/4/23 12:05
6536864-1	Monroe	4	724	3/4/23 5:56	3/4/23 18:00
6536895-1	Luzerne	9	437	3/4/23 6:43	3/4/23 14:00
6536909-1	Wayne	3	371	3/4/23 6:57	3/4/23 13:08
6536958-1	Lackawanna	14	481	3/4/23 7:39	3/4/23 15:40
6536969-1	Lycoming	11	484	3/4/23 7:48	3/4/23 15:52
6536972-1	Carbon	3	1327	3/4/23 7:53	3/5/23 6:00
6536978-1	Lackawanna	1	499	3/4/23 7:56	3/4/23 16:15
6536984-1	Lycoming	1	858	3/4/23 8:02	3/4/23 22:20
6536988-1	Monroe	12	492	3/4/23 8:03	3/4/23 16:15
6537036-1	Luzerne	16	1052	3/3/23 20:54	3/4/23 14:26
6537049-1	Lackawanna	5	577	3/4/23 4:23	3/4/23 14:00
6537051-1	Lackawanna	4	556	3/4/23 9:13	3/4/23 18:29
6537053-1	Carbon	121	421	3/4/23 9:14	3/4/23 16:15
6537064-1	Perry	6	430	3/4/23 9:27	3/4/23 16:37
6537183-1	Bucks	10	402	3/4/23 11:18	3/4/23 18:00
6537199-1	Lancaster	1	363	3/4/23 11:34	3/4/23 17:37
6537224-1	Lycoming	8	530	3/4/23 11:55	3/4/23 20:45
6537242-1	Monroe	6	473	3/4/23 12:18	3/4/23 20:11
6537285-1	Wayne	1	769	3/4/23 12:52	3/5/23 1:41
6537341-1	Schuykill	1	596	3/4/23 13:54	3/4/23 23:50
6537384-1	Bucks	82	417	3/4/23 14:33	3/4/23 21:30
6537580-1	Susquehanna	2	489	3/4/23 2:57	3/4/23 11:06
6537582-1	Lackawanna	175	555	3/4/23 3:25	3/4/23 12:40
6540839-1	Lehigh	40	492	3/3/23 21:34	3/4/23 5:46

- (f) Reason for the interruption or outages:

The interruptions were caused by a weather system that brought a wintry mix of rain and snow along with twelve hours of winds in the 30-40 MPH range to the entire territory.

- (g) Projected time of restoration:

Restoration was projected to be completed by 0700 on March 5, 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	179	Distribution Line
PPL Electric Utilities	55	Foremen
PPL Electric Utilities	74	Electrician
PPL Electric Utilities	30	Troublemens
PPL Electric Utilities	7	Assessors
PPL Electric Utilities	41	Office Personnel
Harlan Electric	14	Electrical Contract Personnel
Haugland Energy	4	Electrical Contract Personnel
I.B. Abel	13	Electrical Contract Personnel
O'Connell Electric	6	Electrical Contract Personnel
Matrix NAC	6	Electrical Contract Personnel
MetroTek	8	Electrical Contract Personnel
Infrasource	7	Electrical Contract Personnel
Primoris	24	Electrical Contract Personnel
Various	66	Tree Contract Personnel

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

The initial service interruption occurred at approximately 1900 on March 3, 2023.

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

Crews were proactively staged and assembled on March 3, 2023, at approximately 1600.

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

The final customer was restored at 0600 on March 5, 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 – 2,562 feet
- Arrestors – 12
- Cross arms – 30
- Wood Poles – 8
- Transformers – 16
- 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 March 2, PPL Electric's weather outlook for March 3-4 called for a wintry mix of rain and snow between 1500 on Friday and 0300 on Saturday. This precipitation was forecast to be system wide. Elevated winds were forecast to accompany the precipitation, with sustained winds in the 20-30 MPH range, and peak gusts in the 30-40 MPH range. Icing was considered unlikely, but a squall line was considered a possibility.

- (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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