



VIA E-FILE

March 3, 2021

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 Snow and Ice Event on February 15-16, 2021**

Dear Ms. Chiavetta:

PPL Electric Utilities Corporation (“PPL Electric”) hereby submits this Report of Electric Service Interruptions due to a snow and ice event between 2300 on Monday, February 15, 2021, and 2000 on Tuesday, February 16, 2021. This event caused 189 outage cases and 8,903 customer service interruptions and affected the Lehigh, Northeast, Central and Susquehanna 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 3, 2021, 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 (484) 861-8424.

Very truly yours,

/s/ Colleen Lauver

Colleen Lauver
Supervisor – Distribution Asset Investment Strategy
484-861-8424

Enclosures

cc: Mr. John VanZant

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:

Colleen Lauver Supervisor – Distribution Asset Investment Strategy
(Name) *(Title)*

3. Telephone number: 484-861-8424
(Telephone Number)

4. Date and time initial telephonic report was made to Commission:

February 15, 2021, at approximately 2300

5. Interruption or Outage:

(a) Number of customers affected: 8,903

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

County	Outage Cases	Trouble Cases
Unknown		1
Bucks	4	2
Carbon	10	6
Clinton	5	1
Columbia	3	
Lackawanna	3	2
Lehigh	8	4
Luzerne	5	3
Lycoming	9	
Monroe	39	13
Montgomery	2	1
Montour	1	
Northampton	4	6
Northumberland	6	1
Pike	10	4
Schuylkill	14	8
Snyder	1	
Susquehanna	3	
Union	2	1
Wayne	60	21
Wyoming		1
	189	75

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

County	Number of Customers Interrupted
Bucks	126
Carbon	534
Clinton	432
Columbia	86
Lackawanna	54
Lehigh	895
Luzerne	330
Lycoming	249
Monroe	2,034
Montgomery	76
Montour	4
Northampton	80
Northumberland	192
Pike	293
Schuylkill	840
Snyder	9
Susquehanna	73
Union	32
Wayne	2,564
	8,903

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

Fifty-eight (58) 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
6092412-1	Columbia	5	501	2/16/21 1:49	2/16/21 10:10
6092416-1	Monroe	14	715	2/16/21 1:52	2/16/21 13:47
6092422-1	Lycoming	4	627	2/16/21 2:13	2/16/21 12:40
6092423-1	Northumberland	37	413	2/16/21 2:19	2/16/21 9:12
6092444-1	Pike	2	682	2/16/21 2:33	2/16/21 13:55
6092468-1	Schuylkill	2	776	2/16/21 2:42	2/16/21 15:38
6092483-1	Susquehanna	2	508	2/16/21 2:50	2/16/21 11:18
6092489-1	Carbon	163	470	2/16/21 3:01	2/16/21 10:51
6092495-1	Carbon	6	557	2/16/21 3:10	2/16/21 12:27
6092513-1	Schuylkill	172	464	2/16/21 3:28	2/16/21 11:12
6092520-1	Lycoming	1	684	2/16/21 3:36	2/16/21 15:00
6092521-1	Monroe	9	370	2/16/21 3:35	2/16/21 9:45
6092523-1	Schuylkill	7	430	2/16/21 3:35	2/16/21 10:45
6092566-1	Lycoming	2	418	2/16/21 4:22	2/16/21 11:20
6092569-1	Monroe	26	440	2/16/21 4:27	2/16/21 11:47
6092579-1	Wayne	168	659	2/16/21 4:41	2/16/21 15:40
6092590-1	Snyder	9	577	2/16/21 4:43	2/16/21 14:20
6092592-1	Monroe	4	375	2/16/21 4:45	2/16/21 11:00
6092612-1	Wayne	29	500	2/16/21 5:03	2/16/21 13:23
6092619-1	Pike	13	429	2/16/21 5:05	2/16/21 12:14
6092638-1	Northumberland	7	402	2/16/21 4:08	2/16/21 10:50
6092642-1	Wayne	72	753	2/16/21 5:18	2/16/21 17:51
6092702-1	Columbia	21	768	2/16/21 5:39	2/16/21 18:27
6092724-1	Wayne	34	528	2/16/21 5:54	2/16/21 14:42
6092734-1	Wayne	31	670	2/16/21 6:07	2/16/21 17:17
6092736-1	Wayne	140	449	2/16/21 6:09	2/16/21 13:38
6092763-1	Wayne	24	561	2/16/21 6:20	2/16/21 15:41
6092766-1	Wayne	35	369	2/16/21 6:22	2/16/21 12:31
6092805-1	Wayne	15	778	2/16/21 3:17	2/16/21 16:15
6092823-1	Wayne	1	518	2/16/21 7:12	2/16/21 15:50
6092842-1	Wayne	193	396	2/16/21 7:22	2/16/21 13:58
6092847-1	Pike	35	446	2/16/21 5:27	2/16/21 12:53
6092867-1	Wayne	27	604	2/16/21 7:40	2/16/21 17:44
6092870-1	Monroe	10	437	2/16/21 7:42	2/16/21 14:59
6092874-1	Wayne	18	411	2/16/21 7:42	2/16/21 14:33
6092900-1	Wayne	7	726	2/16/21 1:46	2/16/21 13:52
6092925-1	Wayne	63	392	2/16/21 8:06	2/16/21 14:38
6092962-1	Wayne	1	468	2/16/21 8:38	2/16/21 16:26
6092967-1	Wayne	7	577	2/16/21 8:34	2/16/21 18:11
6092977-1	Wayne	1	456	2/16/21 8:48	2/16/21 16:24
6093000-1	Wayne	15	537	2/16/21 7:43	2/16/21 16:40
6093001-1	Wayne	33	376	2/16/21 8:59	2/16/21 15:15
6093022-1	Schuylkill	1	389	2/16/21 9:09	2/16/21 15:38
6093087-1	Pike	2	489	2/16/21 9:56	2/16/21 18:05
6093242-1	Northumberland	1	367	2/16/21 12:03	2/16/21 18:10
6093245-1	Wayne	1	444	2/16/21 12:06	2/16/21 19:30
6093324-1	Montgomery	6	387	2/16/21 13:43	2/16/21 20:10
6093427-1	Schuylkill	12	491	2/16/21 15:22	2/16/21 23:33
6093437-1	Wayne	19	470	2/16/21 15:35	2/16/21 23:25
6093559-1	Pike	67	423	2/16/21 18:47	2/17/21 1:50

Job Number	County	# Customers Out More than 6 Hours	Duration	Trouble Date & Time	Restored Date & Time
6093913-1	Schuylkill	307	478	2/16/21 0:12	2/16/21 8:10
6094023-1	Northumberland	6	840	2/15/21 23:49	2/16/21 13:50
6094372-1	Bucks	10	461	2/16/21 10:23	2/16/21 18:04
6094492-1	Wayne	333	785	2/16/21 5:19	2/16/21 18:24
6094698-1	Wayne	57	434	2/16/21 9:21	2/16/21 16:35
6094726-1	Wayne	284	377	2/16/21 5:16	2/16/21 11:33
6094743-1	Wayne	195	543	2/16/21 6:16	2/16/21 15:19
6094825-1	Wayne	1	630	2/16/21 5:30	2/16/21 16:00

(f) Reason for the interruption or outages:

The interruptions were caused by an ice, sleet, snow and wind event that brought ice accretion, snow, and sleet to the Lehigh, Northeast, Central and Susquehanna regions of PPL Electric's territory.

(g) Projected time of restoration:

Restoration was projected to be completed by 0200 on February 17, 2021.

- (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:

Utility / Company	# of Workers	General Function
PPL Electric Utilities	273	Distribution Line Personnel
PPL Electric Utilities	25	Office Personnel
Henkles & McCoy	89	Electrical Contractors
Harlan	21	Electrical Contractors
IB Abel	26	Electrical Contractors
Danella	18	Electrical Contractors
Tri-M Group	5	Electrical Contractors
Everhart & Hoover	5	Electrical Contractors
Treesmiths	85	Vegetation Contractors
PennLine	17	Vegetation Contractors
Asplundh	17	Vegetation Contractors

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

The initial service interruption occurred at approximately 2300 on February 15, 2021.

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

Overnight crews worked in the four affected regions on February 15, 2021. All remaining PPL and contractor crews were on the system starting at 0600 on February 16, 2021.

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

The final customer was restored at 0150 on February 17, 2021.

- (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 conductors, downed wires, flooding, and broken equipment.

Materials used to complete restoration included:

- Conductor – 1,005 feet
- Pole(s) – 6
- Cross arms – 6
- Arrestors – 4
- Cutouts – 4
- Transformers - 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 February 14, the forecast for February 15-16 called for an ice and snow event beginning in the evening hours of February 15. Ice accrual was forecast at 0.25-0.35 inches along with a wintry mix of snow and sleet. Adverse weather was expected to last until approximately 0800 on the morning of February 16.

The actual weather consisted of a wintry mix of ice, snow, sleet, and freezing rain primarily in the northern and eastern portions of PPL Electric's 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:
