

WELLSBORO ELECTRIC COMPANY

QUARTERLY RELIABILITY REPORT
57.195 REPORTING REQUIREMENTS
Docket Number M-2023-3039027

First Quarter 2025

January-March 2025

SUBMITTED BY

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A rolling 12-month breakdown and analysis of outage causes during the receding quarter including the number and percentage of service outages, the number of customers interrupted, and customer interruption minutes categorized by outage cause such as equipment failure, animal contact, tree related, and so forth. Proposed solutions to indentified service problems shall be reported.

<u>Outage Cause</u>	<u># Customers Affected</u>	<u># of Outages</u>	<u>Customer Minutes</u>	<u>Percentage of Outages</u>
Animal	563	58	33880	23.1%
Elec Overload	0	0	0	0.0%
Equipt Failure	558	27	38936	10.8%
Lightning	11	3	560	1.2%
Tree, Off, R.O.W.	4835	138	551071	55.0%
Tree, On R.O.W.	84	8	11171	3.2%
Unknown	804	16	47182	6.4%
Utility Contractor	881	1	16709	0.4%
Wind	0	0	0	0.0%
Total	7736	251	699510	100.0%

A description of each major event that occurred during the preceding quarter including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future.

Date	Time of	Time	# Cust	Cause
October-December 2024	Event	Restored	Affected	
3/16/2025	11:18:00 AM	3/17/2025 18:15:00 PM	1087	High wind event
3/25/2025	21:52:00 PM	3/26/2025 2:08:00 AM	648	Equipment Failure

Cause	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	
NUMBER OF OUTAGES													
Animal	2	4	10	8	3	7	1	10	2	2	7	2	58
Elec Overload	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipt Failure	5	2	2	2	2	1	4	1	0	2	3	3	27
Lightning	1	0	0	0	0	2	0	0	0	0	0	0	3
Tree, Off, R.O.W.	5	16	19	13	13	5	5	27	16	10	4	5	138
Tree, On R.O.W.	0	0	2	2	2	0	0	0	1	0	0	1	8
Unknown	0	1	3	5	1	1	0	0	2	3	0	0	16
Utility Contractor	0	0	0	0	0	0	0	0	0	1	0	0	1
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0
	13	23	36	30	21	16	10	38	21	18	14	11	251

Cause	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	
CUSTOMERS AFFECTED													
Animal	3	32	45	168	5	179	1	31	28	11	30	30	563
Elec Overload	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipt Failure	28	2	24	39	14	1	32	65	0	6	34	313	558
Lightning	1	0	0	0	0	10	0	0	0	0	0	0	11
Tree, Off, R.O.W.	623	951	798	756	359	31	53	334	414	389	75	52	4835
Tree, On R.O.W.	0	0	12	19	43	0	0	0	5	0	0	5	84
Unknown	0	1	89	633	1	13	0	0	5	62	0	0	804
Utility Contractor	0	0	0	0	0	0	0	0	0	881	0	0	881
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0
	655	986	968	1615	422	234	86	430	452	1349	139	400	7736

Cause	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	
Customer Minutes													
Animal	211	2232	2909	10481	244	12046	56	727	1258	580	2387	748	33880
Elec Overload	0	0	0	0	0	0	0	0	0	0	0	0	0
Equipt Failure	2059	174	2330	2350	1261	53	2390	11929	0	477	1750	14165	38936
Lightning	21	0	0	0	0	539	0	0	0	0	0	0	560
Tree, Off, R.O.W.	57008	66174	107618	116516	27470	2994	2885	46871	61947	48662	5459	7467	551071
Tree, On R.O.W.	0	0	1035	1637	6500	0	0	0	1614	0	0	385	11171
Unknown	0	28	6208	32989	55	1220	0	0	418	6263	0	0	47182
Utility Contractor	0	0	0	0	0	0	0	0	0	16709	0	0	16709
Wind	0	0	0	0	0	0	0	0	0	0	0	0	0
	59299	68608	120100	163974	35530	16852	5332	59527	65237	72691	9596	22765	699510

Rolling 12-Month reliability index values (SAIFI,CAIDI,SAIDI) for the EDC'S service territory for the receding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customers interruptions, the number of customers affected, and the customer minutes of interruption.

WELLSBORO ELECTRIC COMPANY**ROLLING TWELVE MONTH INTERRUPTION INDEXS****1st Quarter 2025**

SAIDI
108

SAIFI
1.19

CAIDI
90

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI
278

SAIFI
1.66

CAIDI
167

ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXS

SAIDI
129

SAIFI
1.18

CAIDI
108

ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC

SAIDI
185

SAIFI
1.12

CAIDI
136

AVERAGE NUMBER OF CUSTOMERS SERVED

6476

Wellsboro Electric Company

Reliability Index

SAIDI

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Served</u>
Jan-25	72691.2	6482
Feb-25	9596.4	6480
Mar-25	22764.6	6486
Apr-24	59298.6	6466
May-24	68608.2	6469
Jun-24	120100.2	6471
July-24	163974.6	6474
Aug-24	35530.2	6476
Sept-24	16851.6	6477
Oct-24	5331.6	6478
Nov-24	59526.6	6479
Dec-24	65237.4	6479
Totals	699511.2	77717

Average # Customers Served **6476**

ROLLING TWELVE MONTH AVERAGE SAIDI INDEX **108.01**

Wellsboro Electric Company

Reliability Index

SAIFI

<u>Month</u>	<u># Customers Interrupted</u>	<u># Customers Served</u>
Jan-25	1349	6482
Feb-25	139	6480
Mar-25	400	6486
Apr-24	655	6466
May-24	986	6469
Jun-24	968	6471
July-24	1615	6474
Aug-24	422	6476
Sept-24	234	6477
Oct-24	86	6478
Nov-24	430	6479
Dec-24	452	6479
Totals	7736	77717

Average # Customers Served **6476**

Rolling Twelve Month Average SAIFI Index **1.19**

Wellsboro Electric Company**Reliability Index****CAIDI**

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Interrupted</u>
Jan-25	72691.2	1349
Feb-25	9596.4	139
Mar-25	22764.6	400
Apr-24	59298.6	655
May-24	68608.2	986
Jun-24	120100.2	968
July-24	163974.6	1615
Aug-24	35530.2	422
Sept-24	16851.6	234
Oct-24	5331.6	86
Nov-24	59526.6	430
Dec-24	65237.4	452
Totals	699511.2	7736

Rolling Twelve Month Average CAIDI Index**90.42**

ROLLING THREE YEAR WORKSHEET

1st Quarter 2025

<u>QTR</u>	<u>SAIDI</u>	<u>SAIFI</u>	<u>CAIDI</u>
4-22	33.00	0.27	122.00
3-22	24.00	0.26	91.00
2-22	58.00	0.36	162.00
1-25	16.00	0.29	56.00
4-24	20.00	0.15	134.00
3-24	33.00	0.35	95.00
2-24	38.00	0.40	95.00
1-24	10.00	0.09	107.00
4-23	30.00	0.26	118.00
3-23	83.00	0.68	122.00
2-23	24.00	0.27	91.00
1-23	18.00	0.17	108.00
	387	3.55	1301
	129	1.183333	108.4167

Summary

Trees caused (58.2%) of the outages (3.2% ON-ROW and 55.0% OFF-ROW)

Animal contacts caused (23.1%) of the outages

Equipment failures (10.8%) these outages were associated with cutouts, arrestors, and jumpers.

Unknown (6.4%)

Lightning (1.2%)

Utility Contractor (0.4%)

The Company filed exemptions for 2 major events in the 1st quarter of 2025.