



# Wellsboro Electric Company

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July 23, 2019

## **E-filed and USPS Registered Mail**

Pennsylvania Public Utility Commission  
Ms. Rosemary Chiavetta, Secretary  
PO Box 3265  
Harrisburg, PA 17105-3265

RE: Docket No. M-2016-2522508 – 2<sup>nd</sup> Quarter 2019 Reliability Report

Dear Secretary Chiavetta,

Enclosed please find the 2<sup>nd</sup> Quarter 2019 Reliability Report for Wellsboro Electric Company.  
Please contact me at 570-724-6701 or [barneyf@ctenterprises.org](mailto:barneyf@ctenterprises.org) if I can answer any questions.

Sincerely,

Byron Farnsworth Jr.  
VP, Engineering and Operations/COO

cc: Dan Searfoorce – Bureau of Technical Utility Services (via email)  
Dave Washko – Bureau of Technical Utility Services (via email)  
John Van Zant – Bureau of Technical Utility Services (via email)

# WELLSBORO ELECTRIC COMPANY

## QUARTERLY RELIABILITY REPORT 57.195 REPORTING REQUIREMENTS

Second Quarter 2019

Apr-Jun 2019

SUBMITTED BY

Byron Farnsworth Jr.  
VP, Engineering and Operations/COO  
570-724-6701

[barneyf@ctenterprises.org](mailto:barneyf@ctenterprises.org)

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 INDEXES****Second Quarter 2019**

SAIDI
128

SAIFI
1.17

CAIDI
110

**ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC**

SAIDI
278

SAIFI
1.66

CAIDI
167

**ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES**

SAIDI
134

SAIFI
1.35

CAIDI
100

**ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC**

SAIDI
185

SAIFI
1.12

CAIDI
136

**AVERAGE NUMBER OF CUSTOMERS SERVED**

6342
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**Wellsboro Electric Company**

**Reliability Index**

**SAIDI**

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Served</u>
Jan-19	48840	6342
Feb-19	14788	6345
Mar-19	70817	6346
Apr-19	49670	6340
May-19	23852	6338
Jun-19	90512	6340
July-18	93416	6341
Aug-18	59777	6336
Sept-18	129095	6344
Oct-18	132893	6347
Nov-18	36599	6345
Dec-18	62732	6345
<b>Totals</b>	<b>812991</b>	<b>76109</b>

**Average # Customers Served** 6342

**ROLLING TWELVE MONTH AVERAGE SAIDI INDEX** 128.18

**Wellsboro Electric Company**

**Reliability Index**

**SAIFI**

<u>Month</u>	<u># Customers Interrupted</u>	<u># Customers Served</u>
Jan-19	537	6342
Feb-19	198	6345
Mar-19	291	6346
Apr-19	634	6340
May-19	204	6338
Jun-19	1106	6340
July-18	723	6341
Aug-18	559	6336
Sept-18	1558	6344
Oct-18	920	6347
Nov-18	250	6345
Dec-18	445	6345
<b>Totals</b>	<b>7425</b>	<b>76109</b>

**Average # Customers Served** **6342**

**Rolling Twelve Month Average SAIFI Index** **1.17**

## Wellsboro Electric Company

## Reliability Index

CAIDI

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Interrupted</u>
Jan-19	48840	537
Feb-19	14788	198
Mar-19	70817	291
April -19	49670	634
May-19	23852	204
June-19	90512	1106
July-18	93416	723
Aug-18	59777	559
Sept-18	134233	1558
Oct-18	132893	920
Nov-18	36599	250
Dec-18	62732	445
<b>Totals</b>	<b>818129</b>	<b>7425</b>

Rolling Twelve Month Average CAIDI Index

110.19

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 identified 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	679	66	36045	22.9%
Decay	10	1	11650	0.3%
Elec Overload	834	5	74614	1.7%
Equipt Failure	1567	47	162173	16.3%
Lightning	52	6	2410	2.1%
No Code	63	15	1456	5.2%
Tree, Off, R.O.W.	2146	52	290910	18.1%
Tree, On R.O.W.	1418	36	144640	12.5%
Unknown	573	60	88896	20.8%
Wind	0	0	0	0.0%
<b>Total</b>	<b>7342</b>	<b>288</b>	<b>812793</b>	<b>100%</b>

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.

<b>Date</b>	<b>Time of Event</b>	<b>Time Restored</b>	<b># Cust Affected</b>	<b>Cause</b>
4/3/2019	12:46:00 PM	4/3/2019 3:20:00 PM	709	Tree Off ROW
4/15/2019	8:01:00 PM	4/15/2019 8:30:00 PM	707	Tree Off ROW
6/14/2019	8:40:00 AM	6/14/2019 3:53:00 PM	1505	MVA

## Summary

Wellsboro Electric has been hit with very wet and windy weather during Apr - Jun 2019

The top category was animal contacts at 21.4%

The next largest was unknown cause (20.1%) and we suspect it was animals or tree branches that couldn't be found.

Trees caused (31.4%) of outages (11.7% On ROW and 19.7% Out of ROW)

the normal yearly trimming cycle began May 2019 on a portion of the Stony Fork circuit.

There was three Major Events that the PA PUC allowed for exclusion in Apr and June 2019

on the Wellsboro 12Kv - Middlebury circuit outages caused 1416 customers to be interrupted and Charleston Out of Town had 1505 customers interr