



Wellsboro Electric Company

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April 21, 2020

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 – 1st Quarter 2020 Reliability Report

Dear Secretary Chiavetta,

Enclosed please find the 1st Quarter 2020 Reliability Report for Wellsboro Electric Company.
Please contact me at 570-724-6701 or barneyf@ctenterprises.org if I can answer any questions.

Sincerely,

Byron Farnsworth Jr.
President/CEO

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

First Quarter 2020

Jan-March 2020

SUBMITTED BY

Byron Farnsworth Jr.
President/CEO
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Tyler Mead
Director of Operations
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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

First Quarter 2020

SAIDI
68

SAIFI
0.70

CAIDI
98

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI
278

SAIFI
1.66

CAIDI
167

ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES

SAIDI
114

SAIFI
1.04

CAIDI
104

ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC

SAIDI
185

SAIFI
1.12

CAIDI
136

AVERAGE NUMBER OF CUSTOMERS SERVED

6345

Wellsboro Electric Company

Reliability Index

SAIDI

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Served</u>
Jan-20	7752	6357
Feb-20	22640	6362
Mar-20	21611	6358
Apr-19	49670	6340
May-19	23852	6338
Jun-19	90512	6340
July-19	95737	6339
Aug-19	45581	6339
Sept-19	5973	6339
Oct-19	7997	6343
Nov-19	48463	6343
Dec-19	12674	6343
Totals	432462	76141

Average # Customers Served

6345

ROLLING TWELVE MONTH AVERAGE SAIDI INDEX

68.16

Wellsboro Electric Company

Reliability Index

SAIFI

<u>Month</u>	<u># Customers Interrupted</u>	<u># Customers Served</u>
Jan-20	149	6357
Feb-20	72	6362
Mar-20	311	6358
Apr-19	634	6340
May-19	204	6338
Jun-19	1106	6340
July-19	722	6339
Aug-19	517	6339
Sept-19	84	6339
Oct-19	111	6343
Nov-19	353	6343
Dec-19	149	6343
Totals	4412	76141
	Average # Customers Served	6345
Rolling Twelve Month Average SAIFI Index		0.70

Wellsboro Electric Company

Reliability Index

CAIDI

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Interrupted</u>
Jan-20	7752	149
Feb-20	22640	72
Mar-20	21611	311
April -19	49670	634
May-19	23852	204
June-19	90512	1106
July-19	95737	722
Aug-19	45581	517
Sept-19	5973	84
Oct-19	7997	111
Nov-19	48463	353
Dec-19	12674	149
Totals	432462	4412

Rolling Twelve Month Average CAIDI Index

98.02

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	292	51	15217	27.9%
Elec Overload	329	3	29843	1.6%
Equipt Failure	1098	37	126611	20.2%
Lightning	197	3	6892	1.6%
Tree, Off, R.O.W.	865	30	105513	16.4%
Tree, On R.O.W.	467	19	49047	10.4%
Unknown	1163	39	99211	21.3%
Wind	1	1	129	0.5%
Total	4412	183	432463	100%

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 Event	Time Restored	# Cust Affected	Cause
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No Major events in the 1st quarter of 2020

Summary

Animal contacts caused (27.9%) of the outages

Trees caused (26.8%) of the outages (10.4% ON-ROW and 16.4% OFF-ROW)

Unknown (22.3%)

Equipment failures (20.2%)

The Company faired very well during the first quarter of 2020. No Major Events were reported and the total number of outages were down to 17 for 1Q2020 vs. 31 for 1Q2019

Wellsboro Electric continues to see a decrease in the number of ON-ROW tree outages which can be attributed to contractor that has been trimming the past two years.

The Company continues to see some Unknown outages (20.2%) that could be caused by animal or trees.