

# WELLSBORO ELECTRIC COMPANY

QUARTERLY RELIABILITY REPORT  
57.195 REPORTING REQUIREMENTS

*M-2016-2522508*

Second Quarter 2018

Apr-June 2018

**RECEIVED**

AUG 2 2018

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

SUBMITTED BY

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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****Second Quarter 2018**

SAIDI 162.09
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SAIFI 1.17
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CAIDI 138.42
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**ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC**

SAIDI 278
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SAIFI 1.66
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CAIDI 167
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**ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES**

SAIDI 133.63
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SAIFI 1.32
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CAIDI 99.80
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**ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC**

SAIDI 185
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SAIFI 1.12
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CAIDI 136
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**AVERAGE NUMBER OF CUSTOMERS SERVED**

6326
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**Wellsboro Electric Company**

**Reliability Index**

**SAIDI**

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Served</u>
Jan-18	51600	6327
Feb-18	25280	6327
Mar-18	32400	6328
Apr-18	24523	6332
May-18	304560	6336
Jun-18	229500	6340
Jul-17	35580	6323
Aug-17	178440	6320
Sep-17	18020	6318
Oct-17	78600	6320
Nov-17	17640	6319
Dec-17	30300	6326
<b>Totals</b>	<b>1025443</b>	<b>75917</b>

**Average # Customers Served** 6326

**ROLLING TWELVE MONTH AVERAGE SAIDI INDEX** 162.09

## Wellsboro Electric Company

## Reliability Index

SAIFI

<u>Month</u>	<u># Customers Interrupted</u>	<u># Customers Served</u>
Jan-18	322	6327
Feb-18	269	6327
Mar-18	562	6329
April -18	245	6332
May-18	1672	6336
June-18	1395	6340
July-17	467	6323
Aug-17	610	6320
Sept-17	53	6318
Oct-17	710	6320
Nov-17	163	6319
Dec-17	940	6326
<b>Totals</b>	<b>7408</b>	<b>75917</b>

Average # Customers Served

6326

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-18	51600	322
Feb-18	26280	269
Mar-18	32400	562
April -18	24523	245
May-18	304560	1672
June-18	229500	1395
July-17	35580	467
Aug-17	178440	610
Sept-17	16020	53
Oct-17	78600	710
Nov-17	17640	163
Dec-17	30300	940
<b>Totals</b>	<b>1025443</b>	<b>7408</b>

Rolling Twelve Month Average CAIDI Index**138.42**

Wellsboro Electric was hit by heavy wind and rain during May and June 2018 which raised our normal outages by 2-3 times. Several of our outages this quarter had an unknown cause (32.5%). Most of this can probably attributed to wind/rain. Animals caused (23.0%) of the outages which is down from past quarters due to the installation of animal guards on transformers. Trees caused (25.8%) of outages as well. Our trimming cycles have helped reduce outages caused by tree contact.

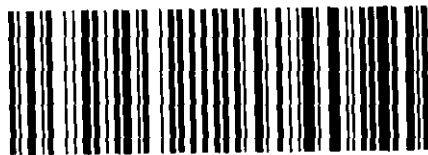
There were some errors found in some prior device detail data that was corrected in this report. There was no impact to the previously reported indices (SAIFI, CAIDI and SAIDI)

## 57.195 Reporting Requirements

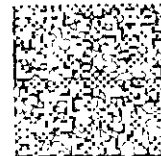
## Section (e) Item (5)

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	1150	80	124727	23.0%
Vehicle	122	2	31499	0.6%
Contractor	0	0	0	0.0%
Decay	0	0	0	0.0%
Dig-in	0	0	0	0.0%
Elec Overload	1	1	88	0.3%
Equipt Failure	1883	21	126336	6.0%
Fire	17	1	4239	0.3%
Ice	0	0	0	0.0%
Lightning	6	1	344	0.3%
Customer Caused	272	14	13225	4.0%
Planned	391	12	65371	3.4%
Power Supply	0	0	0	0.0%
Public Contact	165	7	51253	2.0%
Phone/Cable Co.	0	0	0	0.0%
Rain	0	0	0	0.0%
Tree, On, R.O.W.	1610	61	314941	17.5%
Tree, Off R.O.W.	926	29	78328	8.3%
Unknown	2095	113	182745	32.5%
Vandalism	0	0	0	0.0%
Wind	142	6	32348	1.7%
<b>Total</b>	<b>8780</b>	<b>348</b>	<b>1025443</b>	<b>100.0%</b>



7016 1370 0001 4908 9587



UNITED STATES POSTAGE

PITREY BOWES

02 1P

\$ 007.490

0000857002

AUG 02 201A

MAILED FROM ZIP CODE 10501

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**TO:**

PA Public Utility Commission  
Rosemary Chiavetta, Secretary  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, PA 17120