

WELLSBORO ELECTRIC COMPANY

M-2016-2522508

QUARTERLY RELIABILITY REPORT 57.195 REPORTING REQUIREMENTS

Third Quarter 2018

Jul-Sept 2018

RECEIVED

OCT -5 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****Third Quarter 2018**

SAIDI
172.14

SAIFI
1.45

CAIDI
118.65

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI
278

SAIFI
1.66

CAIDI
167

ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES

SAIDI
129.49

SAIFI
1.27

CAIDI
99.67

ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC

SAIDI
185

SAIFI
1.12

CAIDI
136

AVERAGE NUMBER OF CUSTOMERS SERVED

6331

Wellsboro Electric Company

Reliability Index

SAIDI

<u>Month</u>	<u>Total Customer Minutes</u>	<u># Customers Served</u>
Jan-18	51600	6327
Feb-18	26280	6327
Mar-18	32400	6329
Apr-18	24523	6332
May-18	304560	6336
Jun-18	229500	6340
July-18	99540	6341
Aug-18	60720	6336
Sept-18	134233	6344
Oct-17	78800	6320
Nov-17	17640	6319
Dec-17	30300	6326
Totals	1089896	75977

Average # Customers Served **6331**

ROLLING TWELVE MONTH AVERAGE SAIDI INDEX **172.14**

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-18	757	6341
Aug-18	566	6336
Sept-18	1585	6344
Oct-17	710	6320
Nov-17	163	6319
Dec-17	940	6326
Totals	9186	75977

Average # Customers Served **6331**

Rolling Twelve Month Average SAIFI Index **1.45**

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-18	99540	757
Aug-18	60720	566
Sept-18	134233	1585
Oct-17	78600	710
Nov-17	17640	163
Dec-17	30300	940
Totals	1089896	9186

Rolling Twelve Month Average CAIDI Index

118.65

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	1478	93	142523	21.3%
Vehicle	122	2	31499	0.5%
Contractor	0	0	0	0.0%
Decay	0	0	0	0.0%
Dig-in	0	0	0	0.0%
Elec Overload	6	2	251	0.5%
Equipt Failure	2186	32	143723	7.3%
Fire	17	1	4239	0.2%
Ice	0	0	0	0.0%
Lightning	7	5	254	1.1%
Major Storm	0	0	0	0.0%
Customer Caused	275	16	13588	3.7%
Planned	227	15	27894	3.4%
Power Supply	0	0	0	0.0%
Public Contact	165	7	51253	1.6%
Phone/Cable Co.	0	0	0	0.0%
Rain	0	0	0	0.0%
Tree, On, R.O.W.	2694	80	426113	18.3%
Tree, Off R.O.W.	867	37	86584	8.5%
Unknown	1114	135	129597	30.9%
Vandalism	0	0	0	0.0%
Wind	142	6	32348	1.4%
Total	9311	437	1089896	100.0%

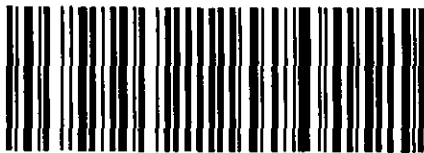
A description of each major event that occurred during the preceding quarter including the time and duration of the event, the number of customers affected, the cause of the event and any modified procedures adopted in order to avoid or minimize the impact of similar events in the future.

Date	Time of Event	Time Restored	# Cust Affected	Cause
7/22/2018	5:35:00 AM	9:48:00 AM	6433	Penelec's 34.5Kv feed to Wellsboro was interrupted by a tree contact in their ROW.

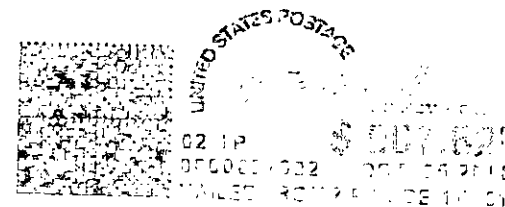
Wellsboro Electric was hit by heavy rain events and flooding during July - Sept 2018 which raised our normal outages by 2 times. Several of our outages this quarter had an unknown cause and most of this can be attributed to wind/rain/animals. Trees caused (29.0%) of outages and our normal trimming cycle is being worked by a contractor. Animal contacts and Equipment Failures were our next largest outage items.

There was one Major Event that the PA PUC allowed for exclusion due to a Penelec outage on the feed to WECO.

CERTIFIED MAIL



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