



Wellsboro Electric Company

P. O. Box 138 • 33 Austin Street • Wellsboro, PA 16901 • (570) 724-3516 • FAX (570) 724-1798

October 31, 2017

M-2016-2522508

RECEIVED

Rosemary Chiavetta
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg, PA. 17105-3265

OCT 31 2017

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Dear Rosemary Chiavetta, Secretary,

SUBJECT: Quarterly Reliability Report

Enclosed is the quarterly reliability report to the PUC for the 3rd Quarter of 2017 for Wellsboro Electric Company.

If we can be of further assistance, or if you have any questions, feel free to contact me at 570-724-3516.

Sincerely,

Robert S. McCarthy
Vice-President, Engineering and Operations
Wellsboro Electric Company

WELLSBORO ELECTRIC COMPANY

QUARTERLY RELIABILITY REPORT 57.195 REPORTING REQUIREMENTS

Third Quarter 2017

July- Sept 2017

SUBMITTED BY

ROBERT S. McCARTHY
VICE-PRESIDENT, ENGINEERING AND OPERATIONS
570-724-3516

bobbym@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 2017**

SAIDI 143

SAIFI 1.35

CAIDI 105

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI 278

SAIFI 1.66

CAIDI 167

ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES

SAIDI 108

SAIFI 1.14

CAIDI 87

ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC

SAIDI 185

SAIFI 1.12

CAIDI 136

57.195 Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIDI

Month	Total Customer Minutes	# Customers Served
Jan-17	71227	6315
Feb-17	44639	6311
Mar-17	119617.2	6313
April -17	18985	6314
May-17	144910	6321
June-17	9356	6322
July -17	35615	6323
Aug -17	40423	6326
Sept-17	2257	6317
Oct-16	151788	6311
Nov-16	75954.6	6312
Dec-16	186984	6316
	901755.8	75801

Average # Customers served

6314

ROLLING TWELVE MONTH AVERAGE SAIDI INDEX

142.82

57.195 Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIFI

Month	# Customers Interrupted	# Customers Served	
Jan-17	913	6315	
Feb-17	666	6311	
March-17	612	6313	
April-17	358	6314	
May-17	1148	6321	
June-17	155	6322	
July-17	467	6323	
Aug-17	610	6326	
Sept-17	53	6317	
Oct-16	2476	6311	
Nov-16	1087	6312	
Dec-16	8	6316	
	8553	75801	
	Average Customers Served	6317	
Rolling Twelve Month Average SAIFI Index	1.35		

57.195 Reporting Requirements

Section(e) Item (2)

Wellsboro Electric Company

Reliability Index

CAIDI

Month	Total Customer Minutes	# Customers Interrupted
Jan-17	71227	913
Feb-17	44639	666
March-17	119617	612
April-17	18985	358
May-17	144910	1148
June-17	9356	155
July-17	35615	467
Aug-17	40423	610
Sept-17	2257	53
Oct-16	151788	2476
Nov-16	75954.6	1087
Dec-16	186984	8
	901755.6	8553
Rolling Twelve Month Average CAIDI Index	105.43	

57.195

Reporting Requirements

Section (e) Item (1)

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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The following programs and procedures are in place at Wellsboro Electric in an attempt to control outages. Animal related outages accounted for 25.9% of the total outages for this reporting period. Wellsboro has had a animal cover-up program in place for the last several years, our policy is to install an insulated animal guard on each pole mount distribution transformer that is installed, we review outage data in an attempt to find customers or a particular area that is experiencing multiple outages from animal contacts and placing animal guards at these location, also at the time we install animal guards, we also install an insulated lead wire from the transformer to the cutout and or line. All new transformers on our 12 kV system is an internally fused transformer thus preventing the need to install a fused cutout and one less piece of equipment to cover up and maintain, Equipment failures accounted for 20.6% of our outages for this period.

mainly to the failure of porcelian cutouts, Wellsboro no longer uses this style of cutout.

All new cutouts are the polymer type, it is our policy to change any porcelain cutout that is on any pole that the crews work on.

Outage data is reviewed and areas that have had multiple outages from failed cutouts will either be inspected more frequently or may have a cutout replacement program issued for the area.

Tree contact accounted for 44.9% of the outages, broken down by the following

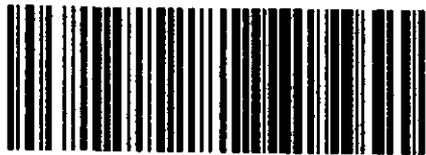
Off ROW 40.7% and On ROW 4.2%, Unknown outages accounted for 3.2% of the outages.

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.

Outage Cause	# Customers Affected	# of Outages	Customer Minutes	Percentage of Outages
Animals	395	49	23998	25.9%
Vehicles	51	1	8005	0.5%
Contractor	17	1	1049	0.5%
Decay	0	0	0	0.0%
Dig-in	0	0	0	0.0%
Electrical Overload	0	0	0	0.0%
Equipment Failure	3040	39	365547	20.6%
Fire	0	0	0	0.0%
Ice,Sleet,Frost	0	0	0	0.0%
Lightning	30	4	1664	2.1%
Public Contact	0	0	0	0.0%
Power Supplier	6097	1	0	0.5%
Phone/Cable Co	0	0	0	0.0%
Rain	0	0	0	0.0%
Trees	0	0	0	0.0%
Tree, On R.O.W.	147	8	30724	4.2%
Tree, Off R.O.W.	4403	77	188074	40.7%
Unknown Cause	299	6	86041	3.2%
Vandalism				
Wind	172	3	3296	1.6%
	14651	189	708398	100.00%



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TO:

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