

L-0003061



Wellsboro Electric Company

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

October 30, 2014

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

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OCT 30 2014

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 2014 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,

A handwritten signature in black ink that reads 'Robert S. McCarthy'.

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

WELLSBORO ELECTRIC COMPANY

QUARTERLY RELIABILITY REPORT 57.195 REPORTING REQUIREMENTS

Third Quarter 2014

July-September 2014

SUBMITTED BY

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

bobbym@ctenterprises.org

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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 2014

SAIDI 61.1

SAIFI 0.68

CAIDI 89.5

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI 278

SAIFI 1.66

CAIDI 167

ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES

SAIDI 61.5

SAIFI 0.89

CAIDI 70.5

ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC

SAIDI 185

SAIFI 1.35

CAIDI 136

57.195 Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIDI

Month	Total Customer Minutes	# Customers Served
Jan-14	21031	6254
Feb-14	1336	6249
March-14	9715	6251
April-14	26318	6248
May-14	84858	6265
June -14	5417	6273
July-14	45715	6255
Aug-14	42247	6269
Sept-14	74519	6266
Oct -13	59159.4	6254
Nov-13	8108.8	6255
Dec-13	3761.4	6252
	382185.6	75091

Average # Customers Served

6258

ROLLING TWELVE MONTH AVERAGE SAIDI INDEX

61.08

57.195 Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIFI

Month	# Customers Interrupted	# Customers Served
Jan-14	251	6254
Feb-14	26	6249
Mar-14	144	6251
April-14	247	6248
May-14	791	6265
June-14	91	6273
July-14	603	6255
Aug-14	416	6269
Sept-14	998	6266
Oct-13	523	6254
Nov-13	135	6255
Dec-13	46	6252
	4271	75091

Average Customers Served

6258

Rolling Twelve Month Average SAIFI Index**0.68**

57.195 Reporting Requirements

Section(e) Item (2)

Wellsboro Electric Company

Reliability Index

CAIDI

Month	Total Customer Minutes	# Customers Interrupted
Jan-14	21031	251
Feb-14	1336	26
Mar-14	9715	144
April-14	26318	247
May-14	84858	791
June-14	5417	91
July-14	45715	603
Aug-14	42247	416
Sept-14	74519	998
Oct-13	59159.4	523
Nov-13	8101.8	135
Dec-13	3761.4	46
	382178.6	4271

Rolling Twelve Month Average CAIDI Index

89.48

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
7/23/2014	16:16	18:18	5986	Thunderstorm
Lightning struck 34.5 kv Static wire				

The following programs and procedures are in place at Wellsboro Electric in an attempt to control outages, Animal related outages accounted for 17.9% of the total 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 28.9% of our outages for this period, due 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 19.1% of the outages, broken down by the following, On ROW 5.8% Off ROW 13.3%, Wellsboro has a long term contract with Asplundh Tree Experts that expires in 2015, Unknown outages accounted for 20.8% of the outages for this period.

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	765	31	47293	17.9%
Vehicles	264	2	29648	1.2%
Decay	0	0	0	0.0%
Dig-in	0	0	0	0.0%
Electrical Overload	1	1	32	0.6%
Equipment Failure	1202	50	129206	28.9%
Fire	95	3	3696	1.7%
Ice,Sleet,Frost	2	2	55.2	1.2%
Lightning	210	5	22184	2.9%
Public Contact	207	2	13059	1.2%
Power Supplier	0	0	0	0.0%
Phone/Cable Co	20	1	1136	0.6%
Rain	0	0	0	0.0%
Trees	0	0	0	0.0%
Tree, On R.O.W.	178	10	16827	5.8%
Tree, Off R.O.W.	704	23	88924	13.3%
Unknown Cause	467	36	17434	20.8%
Vandalism				
Wind	156	7	9401	4.0%
	4271	173	378895.2	100.00%

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WELLSBORO ELECTRIC CO.

33 Austin St.
PO Box 138
Wellsboro, PA 16901
(570) 724-3516

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ROSEMARY CHIAVETTA, SECRETARY
PO BOX 3265
HARRISBURG PA 17105-3265

