



# Wellsboro Electric Company

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

July 31, 2013

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

Dear Rosemary Chiavetta, Secretary,

SUBJECT: Quarterly Reliability Report

Enclosed is the quarterly reliability report to the PUC for the 2nd quarter of 2013 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

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JUL 31 2013

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

L-00030161

# WELLSBORO ELECTRIC COMPANY

## QUARTERLY RELIABILITY REPORT 57.195 REPORTING REQUIREMENTS

Second Quarter 2013

April - June 2013

SUBMITTED BY

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

[bobbym@ctenterprises.org](mailto: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 2013**

SAIDI 44.66
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SAIFI 0.58
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CAIDI 77.18
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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 84.7
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SAIFI 1.19
---------------

CAIDI 68.5
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**ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC**

SAIDI 185
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SAIFI 1.35
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CAIDI 136
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57.195 Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIDI

Month	Total Customer Minutes	# Customers Served
Jan-13	28264.2	6174
Feb-13	15841.2	6175
March-13	4522.2	6175
April-13	8007	6224
May-13	3142.8	6233
June-13	29740.8	6257
July -12	57222.6	6179
Aug-12	43680	6180
Sept-12	43949.4	6179
Oct-12	22567.8	6220
Nov-12	19825.8	6223
Dec-12	299.4	6223
	277063.2	74442

Average # Customers Served

6204

**ROLLING TWELVE MONTH AVERAGE SAIDI INDEX**

**44.66**

## 57.195 Reporting Requirements

## Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIFI

Month	# Customers Interrupted	# Customers Served	
Jan-13	390	6174	
Feb-13	128	6175	
Mar-13	55	6175	
April-13	51	6224	
May-13	55	6233	
June-13	380	6257	
July-12	646	6179	
Aug-12	771	6180	
Sept-12	609	6179	
Oct-12	313	6220	
Nov-12	187	6223	
Dec-12	5	6223	
	3590	74442	
	Average Customers Served		6204
<b>Rolling Twelve Month Average SAIFI Index</b>		<b>0.58</b>	

## 57.195 Reporting Requirements

## Section(e) Item (2)

Wellsboro Electric Company

Reliability Index

CAIDI

Month	Total Customer Minutes	# Customers Interrupted
Jan-13	28264.2	390
Feb-13	15841.2	128
Mar-13	4522.2	55
April -13	8007	51
May-12	3143.4	55
June-12	29740.8	380
July-12	57222.6	646
Aug-12	43680	771
Sept-12	43949.4	609
Oct-12	22567.8	313
Nov-12	19825.8	187
Dec-12	299.5	5

**277063.9****3590**

Rolling Twelve Month Average CAIDI Index

**77.18**

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.

<b>Date</b>	<b>Time of Event</b>	<b>Time Restored</b>	<b># Cust Affected</b>	<b>Cause</b>
5/8/2013	7:55 AM	5/8/2013 10:55 AM	6206	Loss Of Power Supply
5/14/2013	3:11 PM	5/15/2013 2:28 AM	6206	Loss Of Power Supply

The following programs and procedures are in place at Wellsboro Electric in an attempt to control outages, Animal related outages accounted for 19.2% of the total for this reporting period, Wellsboro has had a animal cover-out program in place for the last few 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 25.4% of our outages for this period, this is 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 22.6% of the outages, broken down by the following. On Right of Way 3.4%, Off Right of Way 4.5% and 14.7% not indentified. Wellsboro renewed our contract with Asplundh Tree experts for the period of 2013 - 2015. Unknown outages accounted for 22.6% of the total outages for this period.

## 57.195 Reporting Requirements

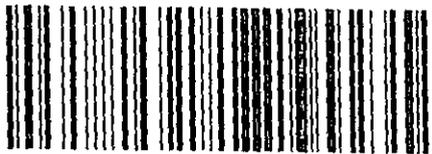
## Section (e) Item (5)

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.

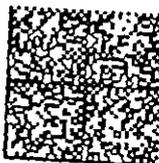
Outage Cause	# Customers Affected	# of Outages	Customer Minutes	Percentage of Outages
Animals	876	34	32514	19.2%
Vehicles	76	2	68172	1.1%
Decay	0	0	0	0.0%
Dig-in	0	0	0	0.0%
Electrical Overload	0	0	0	0.0%
Equipment Failure	578	45	61747.9	25.4%
Fire	0	0	0	0.0%
Ice,Sleet,Frost	0	0	0	0.0%
Lightning	206	10	13655.4	5.6%
Public Contact	0	3	400.8	1.7%
Power Supplier	7	2	5952.6	1.1%
Rain	0	0	0	0.0%
Trees	506	26	50541	14.7%
Tree, On R.O.W.	201	6	26680.2	3.4%
Tree, Off R.O.W.	414	8	24228.6	4.5%
Unknown Cause	557	40	57258.6	22.6%
Vandalism				
Wind	27	1	2448.6	0.6%
	3448	177	343599.7	100.00%

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