

# Wellsboro Electric Company

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

January 14, 2011

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

L-00030161

RECEIVED  
2011 JAN 19 AM 11:04  
PA.P.U.C.  
SECRETARY'S BUREAU

Dear Rosemary Chiavetta, Secretary,

SUBJECT: 4<sup>th</sup> Quarter 2010 Reliability Report

Enclosed is the quarterly reliability report to the PUC for the Fourth Quarter of 2010 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

Fourth Quarter 2010

October - December 2010

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 INDEXS**

**Fourth Quarter of 2010**

SAIDI 74.07
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SAIFI 0.98
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CAIDI 62.41
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**ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC**

SAIDI 278
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SAIFI 1.66
---------------

CAIDI 167
--------------

**ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXS**

SAIDI 111.3
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SAIFI 1.17
---------------

CAIDI 93.98
----------------

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

SAIDI 185
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SAIFI 1.35
---------------

CAIDI 136
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57.19\$ Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIDI

Month	Total Customer Minutes	# Customers Served
Jan-10	1059	6609
Feb-10	3422.4	6613
March-10	25734.6	6622
April-10	10505.4	6624
May-10	37587.6	6629
June-10	86248.2	6635
July-10	166026.6	6180
Aug-10	25104	6167
Sept-10	42945	6162
Oct-10	7528.8	6659
Nov-10	51435.6	6661
Dec-10	25235.4	6664
	482832.6	78225

Average # Customers Served

6519

**ROLLING TWELVE MONTH AVERAGE SAIDI INDEX**

**74.07**

## 57.195 Reporting Requirements

## Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIFI

Month	# Customers Interrupted	# Customers Served
Jan-10	24	6609
Feb-10	43	6613
Mar-10	229	6622
April-10	175	6624
May-10	1157	6629
June-10	698	6635
July-10	2006	6180
Aug-10	231	6167
Sept-10	623	6162
Oct-10	118	6659
Nov-10	770	6661
Dec-10	304	6664
	6378	78225

*Average Customers Served*

6519

**Rolling Twelve Month Average SAIFI Index****0.98**

## 57.195 Reporting Requirements

## Section(e) Item (2)

Wellsboro Electric Company

Reliability Index

CAIDI

Month	Total Customer Minutes	# Customers Interrupted
Jan-10	1059	24
Feb-10	3422.4	43
Mar-10	25734.6	229
April-10	10505.4	175
May-10	37587.6	1157
June-10	1437.47	698
July-10	166026.6	2006
Aug-10	25104	231
Sept-10	42945	623
Oct-10	7528.8	118
Nov-10	51435.6	770
Dec-10	25235.4	304

**398021.87****6378**

Rolling Twelve Month Average CAIDI Index

**62.41**

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>Duration of event</b>	<b># Cust Affected</b>	<b>Cause</b>
10/15/2010	12:15 PM	45 Min	1420	Off ROW Tree due to wind

The following programs and procedures are in place at Wellsboro Electric in an attempt to control outages, Animal related outages accounted for 22.6% 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 16.4% of our total 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 20.3% of the outages, broken down by the following. On Right of Way 0, Off Right of Way 5.6% and 14.7 no indentified, Wellsboro has a long term contract with Asplundh Tree Experts, Unknown outages accounted for 26.7% of the total outages for this period.

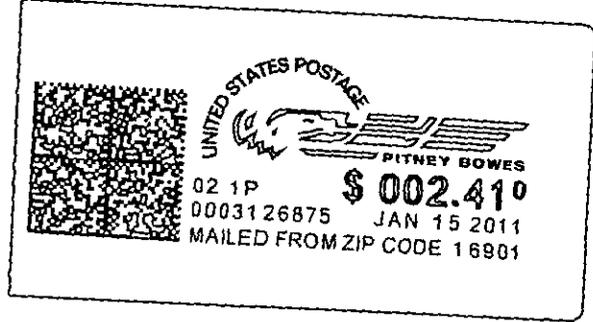
## 57.195 Reporting Requirements

## 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	1317	40	20029.94	22.6%
Vehicles	182	2	10220.4	1.1%
Decay	5	3	106.8	1.7%
Dig-in	0	0	0	0.0%
Electrical Overload	864	8	44445.22	4.5%
Equipment Failure	982	29	43494.63	16.4%
Fire				0.0%
Ice,Sleet,Frost	0	0	0	0.0%
Lightning	80	9	6516.6	5.1%
Public Contact	725	9	49693.2	5.1%
Rain	0	0	0	0.0%
Trees	1079	26	92171.58	14.7%
Tree, On R.O.W.	0	0	0	0.0%
Tree, Off R.O.W.	617	10	60020.42	5.6%
Unknown Cause	524	40	25115.16	22.6%
Vandalism				
Wind	3	1	205.2	0.6%
	6378	177	352019.2	100.00%

BOX 158  
WELLSBORO PA 16901



ROSEMARY CHIAVETTA, SECRETARY  
PA PUBLIC UTILITY COMMISSION  
PO BOX 3265  
HARRISBURG PA 17105-3265