



# Wellsboro Electric Company

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

July 31, 2015

L-00030161

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

**RECEIVED**

0308  
AUG 11 2015

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 2nd quarter of 2015 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

L-00030161

Second Quarter 2015

April - June 2015

SUBMITTED BY

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

[bobbym@ctenterprises.org](mailto:bobbym@ctenterprises.org)

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SECRETARY'S BUREAU

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 2015**

SAIDI 80	SAIFI 0.97	CAIDI 82
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**ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC**

SAIDI 278	SAIFI 1.66	CAIDI 167
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**ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXES**

SAIDI 55	SAIFI 0.78	CAIDI 72
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**ROLLING THREE YEAR AVERAGE STANDARD AS ESTABLISHED BY THE PUC**

SAIDI 185	SAIFI 1.35	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-15	824	6272
Feb-15	291	6272
March -15	8482	6273
April-15	30309	6280
May-15	92293	6283
June-15	156423	6286
July-14	45715	6255
Aug-14	42247	6269
Sept-14	74519	6266
Oct-14	37777.8	6269
Nov-14	3175.5	6266
Dec-14	7548	6272
	499604.3	75263

Average # Customers Served

6272

**ROLLING TWELVE MONTH AVERAGE SAIDI INDEX**

**79.66**

57.195 Reporting Requirements

Section (e) Item (2)

Wellsboro Electric Company

Reliability Index

SAIFI

Month	# Customers Interrupted	# Customers Served
Jan-15	23	6272
Feb-15	6	6272
March-15	92	6273
April-15	293	6280
May-15	886	6283
June-15	1498	6286
July-14	603	6255
Aug-14	416	6269
Sept-14	998	6266
Oct-14	831	6269
Nov-14	310	6266
Dec-14	108	6272
	6064	75263

Average Customers Served

6272

**Rolling Twelve Month Average SAIFI Index**

**0.97**

## 57.195 Reporting Requirements

## Section(e) Item (2)

Wellsboro Electric Company

Reliability Index

CAIDI

Month	Total Customer Minutes	# Customers Interrupted
Jan-15	824	23
Feb-15	291	6
March-15	8482	92
April-15	30309	293
May-15	92293	886
June-15	156423	1498
July-14	45715	603
Aug-14	42247	416
Sept-14	74519	998
Oct-14	37777.8	831
Nov-14	3175.5	310
Dec-14	7548	108

**499604.3****6064**

Rolling Twelve Month Average CAIDI Index

**82.39**

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>
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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 33% 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 22% 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 25.5% of the outages, broken down by the following. On ROW 3.1%, Off ROW 22.4%. Unknown outages accounted for 7.3% 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	1178	63	108361	32.8%
Vehicles	0	0	0	0.0%
Decay	0	0	0	0.0%
Dig-in	0	0	0	0.0%
Electrical Overload	1	1	32	0.5%
Equipment Failure	596	42	86739	21.9%
Fire	66	1	2842	0.5%
Ice,Sleet,Frost	0	0	0	0.0%
Lightning	246	10	24137	5.2%
Public Contact	245	11	14939	5.7%
Power Supplier	0	0	0	0.0%
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.	19	6	3195	3.1%
Tree, Off R.O.W.	1338	43	270600	22.4%
Unknown Cause	134	14	6339	7.3%
Vandalism				
Wind	57	1	9504	0.5%
	3880	192	526688	100.00%

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**WELLSBORO ELECTRIC CO.**

33 Austin Street  
PO Box 138  
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(570) 724-3516

TO

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PA PUBLIC UTILITY COMMISSION  
PO BOX 3265  
HARRISBURG PA 17105-3265