

# **Wellsboro Electric Company**

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January 30,2012

**Rosemary Chiavetta** 

Harrisburg, PA. 17105-3265

P.O. Box 3265

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RECEIVED

PA PUBLIC UTILITY COMMISSION SECRETARY'S BUREAU

JAN 3 0 2012

Dear Rosemary Chiavetta, Secretary,

Pennsylvania Public Utility Commission

SUBJECT: 4th Quarter 2011 Reliability Report

Enclosed is the quarterly reliability report to the PUC for the Fourth Quarter of 2011 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,

Rost S. many

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

## WELLSBORO ELECTRIC COMPANY

### QUARTERLY RELIABILITY REPORT 57.195 REPORTING REQUIREMENTS

Fourth Quarter 2011

October - December 2011



JAN 3 0 2012

PA PUBLIC UTILITY COMMISSION SECRETARY'S BUREAU

SUBMITTED BY

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

bobbym@ctenterprises.org

57.195 Reporting Requirements

Section (e) Item(2)

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 2011

SAIDI	SAIFI	CAIDI
_ 118.62	1.62	73.04

ROLLING TWELVE MONTH STANDARD AS ESTABLISHED BY THE PUC

SAIDI	SAIFI	CAIDI	
278	1.66	167	

#### **ROLLING THREE YEAR AVERAGE INTERRUPTION INDEXS**

Γ	SAIDI
ļ	104.7

SAIFI	
1.24	

CAIDI
82.62

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

SAIDI	SAIFI	CAIDI
185	1.35	<u>1</u> 36

57.195 Reporting Requirements		Section (e) Item (2)	
Wellsboro Electric	Company	Relaibility Index	SAIDI
Month	Total Customer Minutes	# Custor	mers Served
Jan -11 Feb-11 March -11 April-11 May-11 June-11 July-11 Aug-11 Sept-11 Oct-11 Nov-11 Dec-11	41750 58411 117316.8 31140 68635.2 86066.4 140885.4 70270.2 71233.2 5361.6 32523.6 8183.4	614 615 616 616 616 616 617 617 617 618 618 618	56 54 59 52 59 54 74 75 31 39
	731776.8	7402	
Average # Customers Served  ROLLING TWELVE MONTH AVERAGE SAIDI INDEX 118.62			

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#### 57.195 Reporting Requirements Section (e) Item (2) Wellsboro Electric Company **Reliability Index** SAIFI Month # Customers # Customers Interrupted Served Jan-11 337 **61**51 Feb-11 880 6156 March-11 1512 6154 6159 April-11 344 May-11 820 6162 6162 June-11 890 July-11 2479 6164 Aug-11 766 6174 6175 Sept-11 1158 . Oct-11 6181 113 6189 Nov-11 618 Dec-11 102 6182 10019 74009 6167 Average Customers Served

Rolling Twelve Month Average SAIFI Index 1.62

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### 57.195 Reporting Requirements

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Section(e) Item (2)

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Wellsboro Electric Company	Relaibility Index	CAIDI
Month	Total Customer Minutes	# Customers Interrupted
Jan-11	41750	337
Feb-11	58411	. 880
Mar-11	117317	1512
April -11	31140	344
May-11	68635.2	820
June-11	86066.4	890
July-11	140885.4	2479
Aug-11	70270.2	766
Sept-11	71233.2	1158
Oct-11	5361.6	113
Nov-11	32523.6	618
Dec-11	8183.4	102
	731777	10019
Rolling Twelve Month Average C	AIDI Index 73.04	

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#### 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

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Time of

Event

Duration of event

# Cust Affected Cause

The following programs and procedures are in place at Wellsboro Electric in an attempt to control outages, Animal related outages accounted for 12% of the total for this reporting period. 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 30.6% 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.

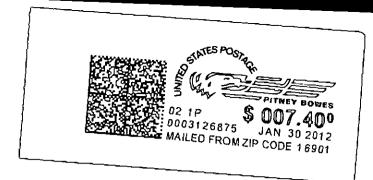
Outage data is reviewed and areas that have had multiple outages from failed cutouts will either be inspected more frequently or may have a cutout replacement program issued for the area. Tree contact accounted for 24.4% of the outages, broken down by the following. On Right of Way 0, Off Right of Way 7.4% and 17% not indentified. Wellsboro has a long term contact with Asplundh Tree Experts, Unknown outages accounted for 26.5% of the total outages for this period

#### 57.195 Reporting Requirements

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 catergorized by outage cause such as equipment failure, animal contact, tree related, and so forth. Proposed solutions to indentified service problems shall be reported.

Outage				
Cause	# Customers	# of	Customer	Percentage
	Affected	Outages	Minutes	of Outages
Animals	1419	39	60727.2	12.0%
Vehicles	78	1	17121	0.3%
Decay	0	0	0	0.0%
Dig-in	0	0	. 0	0.0%
Electrical Overload	226	4	18030	1.2%
Equipment Failure	2656	99	223132	30.6%
Fire	1	1	130.8	0.3%
Ice,Sleet,Frost	182	1	21524	0.3%
Lightning	266	9	16757.2	2.8%
Public Contact	29	1	1147.2	0.3%
Rain	0	. 0	0	0.0%
Trees	783	55	39868	17.0%
Tree, On R.O.W.	40	0	0	0.0%
Tree, Off R.O.W.	1602	24	161351.4	7.4%
Unknown Cause	2640	86	156782.2	26.5%
Vandalism				
Wind	97	4	15205	1.2%
	10019	324	731776	100.00%





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