

## **CITIZENS' ELECTRIC COMPANY**

1775 INDUSTRIAL BLVD + P.O. BOX 551 + LEWISBURG, PA 17837-0551 + (570) 524-2231 + FAX: (570) 524-5887

April 28, 2011

Ms. Rosemary Chiavetta Pennsylvania Public Utility Commission PO Box 3265 Harrisburg, PA 17105-3265

1-00030161

Dear Ms. Chiavetta,

Enclosed please find an original and six copies of the First Quarter, 2011 Reliability Report for Citizens' Electric Company.

Please contact me at 570-522-6143 or kelchnerj@citizenselectric.com if I can answer any questions.

RECEIVED

Sincerely,

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John A. Kelchner, PE Vice President, Engineering & Operations

Pennsylvania Office of Consumer Advocate cc: Pennsylvania Office of Small Business Advocate Darren Gill (via email)

APR 29 2011 PA PUBLIC UTILITY COMMISSION

SECRETARY'S BUREAU

Citizens' Electric Company Quarterly Service Reliability Report First Quarter, 2011 Prepared by John A. Kelchner, PE Vice President of Engineering & Operations 570-522-6143 <u>kelchnerj@citizenselectric.com</u> April 28, 2011

§ 57.195(e)(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.

The following Major Events occurred during the quarter.

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Date	Time	Duration	# of	Cause
	First Call	of Event	Customers	
	Received	(Minutes)	Affected	
1/12/2011	9:49 AM	36	6,817	The primary PPL 69 kV transmission feed to Citizens' Electric experienced a fault. This interrupted the supply to Citizens' Electric St. Mary St. substation causing a service interruption to all Citizens' customers. Citizens' staff coordinated with PPL dispatchers to initiate switching to an alternate feed. Service was fully restored within 36 minutes.
1/13/2011	3:04 PM	37	6,817	The primary PPL 69 kV transmission feed to Citizens' Electric experienced a fault. This interrupted the supply to Citizens' Electric St. Mary St. substation causing a service interruption to all Citizens' customers. Citizens' staff coordinated with PPL dispatchers to initiate switching. Service was fully restored within 37 minutes. This was the 2nd outage on this PPL transmission line in 2 days and occurred while a PPL contract crew was performing maintenance work on the line. Citizens' staff was involved in dialogue with PPL to identify any opportunities for procedural changes that might help prevent similar outages in the future.



APR 29 2011

PA PUBLIC UTILITY COMMISSION SECRETARY'S BUREAU

Date	Time	Duration	# of	Cause
	First Call Received	of Event (Minutes)	Customers Affected	
1/24/2011	8:55 AM	97	825	An industrial customer's employee hit a pole while operating material handling equipment causing a fiberglass pole-top bracket to break which resulted in an interruption to the circuit. The driver was not injured. Service was restored to most customers in less than one hour. All customers had service restore within 97 minutes.
3/6/2011	8:27 PM	767	1,306	The Citizens' Electric service territory received nearl 1.5 inches of rain on March 6, 2011. This was followed by strong winds and approximately 12 inches of wet snow into early March 7. As a result, several large trees came down onto the Company's lines causing short interruptions to a total of 1,306 customers.

Major Events, continued.

§ 57.195(e)(2) - Rolling 12-month reliability index values (SAIFI, CAIDI, SAIDI, and if available, MAIFI) for the EDC's service territory for the preceding quarter. The report shall include the data used in calculating the indices, namely the average number of customers served, the number of sustained customer interruptions, the number of customers affected, and the customer minutes of interruption. If MAIFI values are provided, the report shall also include the number of customer momentary interruptions.

	Rolling 12-Month		Rolling 12- Month	Rolling 3-Yr Avg.
Index	Value for Quarter	Benchmark	Standard	Standard
SAIFI	0.14	0.20	0.27	0.22
SAIDI	11	21	38	25
CAIDI	77	105	141	115

Total # of Customers Served	# of Interruptions	# of Customers Affected	Customer Minutes
6,839	52	952	73,208

The following outages were submitted for exclusion as Major Events during the preceding 12month period and are not included in the above calculations:

Date	# of Customers Affected	Customer Minutes	
1/12/2011	6817	734,708	
1/13/2011	6817	252,229	
1/24/2011	825	80,025	
3/6/2011	1,317	157,042	
7/9/2010	1.056	352,704	

§ 57.195(e)(5) - A rolling 12-month breakdown and analysis of outage causes during the preceding 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	Number of Interruptions	% of Interruptions	Number of Customers Affected	Customer Interruption Minutes
On R/W Trees	2	4	289	29,432
Animals	19	37	435	19,901
Equipment	14	27	75	6,500
Off R/W Trees	6	12	41	4,484
Weather	0	0	0	0
Vehicle	3	6	36	2,278
Other	8	15	76	10,613
Total	52		952	73,208

## Discussion

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Excluding the Major Events mentioned above, all other outages for the preceding quarter affected small numbers of customers. The most significant outage occurred on January 26<sup>th</sup> when an underground cable failed, interrupting 4 customers for 284 minutes.

## CITIZENS' ELECTRIC COMPANY 1775 Industrial Boulevard P.O. Box 551 Lewisburg, PA 17837



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