



Orange & Rockland  
a conEdison, inc. company

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Orange and Rockland Utilities, Inc.  
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October 25, 2011

Honorable Rosemary Chiavetta  
Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, P A 17120

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OCT 25 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Re: Third Quarter 2011 Quarterly Report for Pike County Light and Power  
PUC Docket No. L-00030161; Rulemaking Re Amending Electric  
Service Reliability Regulations At 52 Pa. Code Chapter 57

Dear Secretary Chiavetta:

Pike County Light & Power Company ("Pike") hereby submits six copies of its Third Quarter 2011 report as set forth in the Pennsylvania Public Utility Commission's ("Commission, PUC") Docket No. L-00030161 adopted Rulemaking Re Amending Electric Service Reliability Regulations At 52 Pa. Code Chapter 57 ("Order"). As such, Pike's quarterly reporting requirements, as set forth in Section 57.195(e) (1) (2) and (5) of the Order, are enclosed.

Please contact me if you have any questions regarding this report or require any additional information.

Very truly yours,

Brian Nugent  
Section Manager  
Performance & Operations Engineering  
Pike County Light and Power  
(Orange and Rockland Utilities)

Enclosures

cc:  
Mr. Irwin A. Popowsky  
Office of Consumer Advocate  
555 Walnut Street  
Harrisburg, PA 17101

William R. Lloyd, Jr. Esq.  
Office of Small Business Advocate  
300 N. Second Street, Suite 1102  
Harrisburg, PA 17101

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OCT 25 2011

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Pike County Light and Power Company

(Orange and Rockland Utilities, Inc.)

Quarterly Reliability Report

Third Quarter 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.**

**3<sup>rd</sup> Quarter 2011 Major Events**

Date	Time	Circuit	Cause	Duration	Cust Aff	Cust Mins of Ints
7/3/2011	4:34	L7-6-34	Heavy rain and lightning	3 hrs 35 min	2,505	324,197
7/8/2011	23:41	L7-6-34	Failed insulator damaged pole and primary conductors	4 hrs 51 min	2,505	697,635
8/16/2011	23:44	L7-6-34	Motor vehicle accident	43 min	2,266	97,438
8/28/2011	1:00	L7-6-34, 6-8-13, 104-3-13 & 3-1-34	Hurricane Irene, high wind and heavy rain	167 hrs	4,366	10,156,038

July 3, 2011 Exclusion

Heavy rain accompanied by lightning entered the service territory at approximately 04:30 hours. A lightning strike on L7-6-34 caused the phase 3 conductor to burn down and interrupted 1,143 customers which were fed from that phase. An additional 1,364 customers were interrupted in order to make repairs.

July 8, 2011 Exclusion

At 23:41 an insulator failed on the mainline section of L7-6-34 in the Town of Milford. The weather was calm at the time of the failure, however, heavy rain and thunderstorms passed through the area earlier in the day during the afternoon hours. There were 2,273 customers interrupted when the pole mounted recloser was opened to clear the fault. An additional 232 customers were de-energized in order to make repairs.

August 16, 2011 Exclusion

A motor vehicle accident occurred on Route 209 in the Town of Westfall involving a utility pole which carried L7-6-34. The pole was split in half and required replacement. In order to transfer the L7-6-34 conductors to the new pole an outage was required. The outage took place at 23:44 and affected 2,266 customers.

### August 28, 2011 Exclusion

Heavy rain and wind conditions were felt throughout the service territory due to remnants of Hurricane Irene. At 02:15 hours on August 28<sup>th</sup> interruptions began to be reported throughout the entire PCL&P service territory. The last customer was restored on September 3<sup>rd</sup> at 23:01 hours. This storm event was the worst in the past twenty years based on the number of customer hours of interruption.

### **3<sup>rd</sup> Quarter 2011 Pre-Arranged Outages**

There were no pre-arranged outages in the third quarter.

§ 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.

**Interruption Data Rolling 12-Month Data**

Year	Quarter	Customers Served	Interruptions	Customers Affected	Customer Min of Interruptions
2010	4 <sup>th</sup> Qtr	4,475	63	2,685	685,798
2011	1 <sup>st</sup> Qtr	4,480	58	2,590	445,077
2011	2 <sup>nd</sup> Qtr	4,486	53	2,422	500,728
2011	3 <sup>rd</sup> Qtr	4,491	68	3,350	710,927

**Performance Ratios - Rolling 12-Month Data**

	Frequency SAIFI	Restoration CAIDI (min)	Duration SAIDI (min)
Benchmark	0.61	174	106
Rolling 12 Month Standard	0.82	235	195

Year	Quarter	Frequency SAIFI	Restoration CAIDI	Duration SAIDI
2010	4 <sup>th</sup> Qtr	0.60	255	153
2011	1 <sup>st</sup> Qtr	0.58	172	99
2011	2 <sup>nd</sup> Qtr	0.54	207	112
2011	3 <sup>rd</sup> Qtr	0.75	212	159

**§ 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.**

Cause	Number of Interruptions		Customers Affected		Cust Min of Interruption	
	12- Month	% of Total	12- Month	% of Total	12- Month	% of Total
Tree Contact	36	52.9%	1,482	44.2%	449,954	63.3%
Equipment Failure	10	14.7%	406	12.1%	62,143	8.7%
Animal Contact	6	8.8%	638	19.0%	53,120	7.5%
Non-Comp. Accidents	4	5.9%	133	4.0%	13,522	1.9%
Unknown / Other	6	8.8%	472	14.1%	50,159	7.1%
Lightning	6	8.8%	219	6.5%	82,028	11.5%
Customer Problem	-	0.0%	-	0.0%	-	0.0%
Overload	-	0.0%	-	0.0%	-	0.0%
Work Error	-	0.0%	-	0.0%	-	0.0%
<b>All Causes</b>	<b>68</b>		<b>3,350</b>		<b>710,927</b>	

Vegetation management cycle trimming has begun for all of the Pike service territory and will be completed by the end of this year. Vegetation management personnel have also joined area line supervisors in performing monthly circuit patrols and also perform thorough reviews after storm events. Vegetation issues are corrected when found. The adequacy and condition of lightning protection on the L7-6-34 circuit was reviewed as well as the grounding of said equipment. Several deficiencies have been noted and corrected. A parallel feed along a section of L7-6-34 which has experienced multiple outages is being explored. This project has the potential of being the first step in developing a backup alternate feed for L7-6-34 which will remove the Borough and Town of Milford from a radial status.

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