



**UGI Utilities, Inc.**  
2525 North 12th Street  
Suite 360  
Post Office Box 12677  
Reading, PA 19612-2677  
1-800-276-2722

**VIA E-FILING**

July 31, 2015

Ms. Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, PA 17120

RE: **Quarterly Electric System Reliability Report  
12 Months Ending June 30, 2015  
Docket Nos. L-0003016 and M-00991220**

Dear Secretary Chiavetta:

Pursuant to the Commission's May 7, 2004 Final Rulemaking Order amending Electric Service Reliability Regulations (52 Pa. Code §§57.191 - 57.197) at Docket Nos. L-00030161 and M-00991220, UGI Utilities, Inc. - Electric Division ("UGI") hereby files its Quarterly System Reliability Report. This report contains SAIDI, SAIFI, and CAIDI results on a 12-month rolling basis for the period ending June 30, 2015 along with the raw data from the same period. Also included is a breakdown of outages by cause for the 12 months ending June 30, 2015. The actual statistics are favorable to both the benchmark and standard adopted for UGI.

The Office of Consumer Advocate, the Office of Small Business Advocate, the Bureau of Audits, and the Bureau of Technical Utility Services are each being served with copies of this filing.

Questions related to the attached report should be directed to Mr. Vince DeGiusto, Jr. at (570) 830-1289 or email [vdegiustojr@ugi.com](mailto:vdegiustojr@ugi.com).

Sincerely,

Eric Sorber  
Electric Division, Director – Engineering & Operations  
Attachment

cc: **VIA FEDERAL EXPRESS**

Tanya J. McCloskey  
Office of Consumer Advocate  
555 Walnut St.  
5<sup>th</sup> Floor, Forum Place  
Harrisburg, PA 17101-1921

John R. Evans  
Small Business Advocate  
Suite 1102, Commerce Bldg.  
300 North Second St.  
Harrisburg, PA 17101

Dennis Hosler, Director  
Bureau of Audits  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Bldg.  
3<sup>rd</sup> Floor, F East  
Harrisburg, PA 17101

Darren Gill, Deputy Director  
Bureau of Technical Utility Services  
Commonwealth Keystone Building  
3<sup>rd</sup> Floor  
400 North Street  
Harrisburg, PA 17120

**ELECTRONIC MAIL**

Darren Gill, Deputy Director  
Bureau of Technical Utility Services  
[dgill@pa.gov](mailto:dgill@pa.gov)



UGI Utilities, Inc. – Electric Division  
System Reliability Report:  
Quarterly Update

July 31, 2015

**UGI Utilities, Inc. – Electric Division  
System Reliability Report**

**§ 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.**

There were no major events during the preceding 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.**

The 12 month rolling reliability results for UGI’s service area are as follows:

	SAIDI	SAIFI	CAIDI
<b>12-Month Standard</b>	<b>256</b>	<b>1.12</b>	<b>228</b>
<b>12-Month Benchmark</b>	<b>140</b>	<b>0.83</b>	<b>169</b>
12 months Ended June,30 2015	52	.43	122

SAIDI: System Average Interruption Duration Index  
SAIFI: System Average Interruption Frequency Index  
CAIDI: Customer Average Interruption Duration Index

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System Reliability Report**

**Raw Data: July 2014 - June 2015**

<b>Month</b>	<b>SI</b>	<b>TCI</b>	<b>TCB</b>	<b>TMCI</b>
Jul-2014	17	2,454	60,985	418,678
Aug-2014	27	1,824	60,972	229,463
Sep-2014	18	1,104	60,896	134,870
Oct-2014	25	2,472	60,939	342,952
Nov-2014	31	3,470	60,903	345,580
Dec-2014	21	628	60,886	111,439
Jan-2015	24	222	60,924	19,932
Feb-2015	17	1,830	60,835	331,606
Mar-2015	21	193	60,721	18,595
Apr-2015	34	546	60,417	77,730
May-2015	35	1,938	60,433	166,459
Jun-2015	<u>48</u>	<u>9,447</u>	<u>60,294</u>	<u>988,740</u>
<b>TOTAL</b>	<b>318</b>	<b>26,128</b>	<b>60,767 *</b>	<b>3,186,044</b>

\* 12-month arithmetic average

SI: Sustained Interruptions  
 TCI: Total Customers Interrupted  
 TCB: Total Customer Base  
 TMCI: Total Minutes Customer Interruption

**SAIDI**

The SAIDI value for the 12 months ending June 2015 is 52. This result is 12% lower than results reported through March 2015.

**SAIFI**

The 12-month rolling SAIFI index increased 13% from 0.38 in our last quarterly report to 0.43 for the period ending June 2015.

**CAIDI**

The CAIDI result of 122 for the 12-month reporting period ending June 2015 is down 20% from our last report.

All index values fall below their respective standard and benchmark levels. UGI believes the changes in reliability results compared with the previous reporting periods are due to the natural variation of the events in each period and do not indicate any trends. It is always important to note, however, that weather conditions can have considerable impact on these values.

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System Reliability Report**

**§57.195(e)(5)–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 the 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 by Cause: July 2014 – June 2015**

<b>Cause</b>	<b>% of Total Incidents</b>	<b>Number of Interruptions</b>	<b>Customers Interrupted</b>	<b>Minutes Interrupted</b>
Animal	15.72%	50	478	37,503
Company Agent	0.63%	2	38	730
Construction Error	0.00%	0	0	0
Customer Problem	0.63%	2	3	414
Equipment Failure	36.48%	116	4,285	539,207
Lightning	5.35%	17	1,701	179,594
Motor Vehicle	6.92%	22	8,409	1,083,580
Other	0.63%	2	47	7,256
Public	4.72%	15	1,941	190,926
Structure Fire	0.94%	3	46	5,926
Trees	17.61%	56	6,823	746,533
Unknown	5.35%	17	1,919	339,239
Weather Related	1.89%	6	27	5,229
Weather/Snow	0.63%	2	116	20,344
Weather/Ice	0.00%	0	0	0
Weather/Wind	<u>2.52%</u>	<u>8</u>	<u>295</u>	<u>29,563</u>
<b>TOTAL</b>	<b>100.00%</b>	<b>318</b>	<b>26,128</b>	<b>3,186,044</b>

**Proposed Solutions to Identified Problems:**

UGI has not identified any specific, significant issues on its system that need attention.