Piqua Power System

2014 Year in Review
Piqua’s Changing Power Supply

2013 - $58.68/MWH

2014 - $65.91/MWH
Cannelton Hydro Generating Project
Willow Island Hydro Generating Project
Smithland Hydro Generating Project
Completed Cost-of-Service Study

Electric Cost of Service and Rate Design Summary

Annual Rate Class Revenue Comparison
Existing Versus Proposed

Resource Cost and Energy Mix

Typical Monthly Bill Comparisons ($)

<table>
<thead>
<tr>
<th>Rate Class</th>
<th>Usage</th>
<th>Existing 2014</th>
<th>Proposed 2015</th>
<th>Inc./Dec. (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>750 kWh</td>
<td>$6.03</td>
<td>$7.57</td>
<td>2.0</td>
</tr>
<tr>
<td>Commercial (&lt;500 kW)</td>
<td>26 kW</td>
<td>594</td>
<td>573</td>
<td>(3.6)</td>
</tr>
<tr>
<td>Customer 2</td>
<td>4,000 kWh</td>
<td>3,739</td>
<td>3,647</td>
<td>(2.5)</td>
</tr>
<tr>
<td>Customer 3</td>
<td>420 kW</td>
<td>11,472</td>
<td>11,630</td>
<td>1.4</td>
</tr>
<tr>
<td>Industrial (&gt;500 kW)</td>
<td>1,760 kW</td>
<td>765,000 kWh</td>
<td>768,400 kWh</td>
<td>0.4</td>
</tr>
<tr>
<td>Customer 1</td>
<td>26 kW</td>
<td>594</td>
<td>573</td>
<td>(3.6)</td>
</tr>
<tr>
<td>Customer 2</td>
<td>4,000 kWh</td>
<td>3,739</td>
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<td>420 kW</td>
<td>11,472</td>
<td>11,630</td>
<td>1.4</td>
</tr>
</tbody>
</table>
Urban Waterfront CORF Grant
Sub #4 to #5 69kV Rebuild

Vaughn Industries replaced 18 transmission poles ranging from 75/H1 to 95/H3
Completed Fiber Optic Project
Fiber Optic Project, cont.
Transformer Yard Improvements
Eliminated DP&L Main St. Sub
Piqua Central Intermediate School
Piqua Materials Expansion
Berwick Steel Primary Metering
Speedway Service Upgrade
Sunset Dr. Distribution Line Rebuild
LED Street Light Conversions
Main St. Manhole Removal
#9 G.T. Fuel Pump Replacement
#9 G.T. Exhaust Repair
Power Plant Roof Repair

Before

After
Door Replacements

Power Plant

#9 Gas Turbine
Dam Gate Repair
#3 Substation Regulator Rebuild
Distribution Inspection Program

I. 1,555 Poles Inspected

II. 31 Condemned Poles Identified

III. 40 Condemned Poles Replaced
Annual Electric Meter Testing Program

173 Industrial and Commercial Meter Sites tested to confirm accuracy
Substation Inspections

Substation #2

Substation #3
Paint Padmount Transformers
Clearing 69kV Right of Way

Behind Jackson Tube & Berwick Steel

Along St. Rt. 66 N/O Hardin Rd.
# School Programs

## ENERGY BIKE AND SAFETY DEMO LIST

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Type of Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/24/2014</td>
<td>Washington School (@ High St) - 5th grade</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>3/14/2014</td>
<td>Bennett Intermediate School - 4th grade</td>
<td>Energy Bike/Safety Demo</td>
</tr>
<tr>
<td>3/20/2014</td>
<td>Wilder Intermediate School - 4th grade</td>
<td>Energy Bike</td>
</tr>
<tr>
<td>3/21/2014</td>
<td>Wilder Intermediate School - 4th grade</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>4/17/2014</td>
<td>Washington School (@ High St) - 4th grade</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>5/13/2014</td>
<td>OEP Columbus</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>8/5/2014</td>
<td>Miami County-National Night Out for Safety</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>10/20/2014</td>
<td>Covington 4-H Club</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>11/12/2014</td>
<td>Wilder Intermediate School - 4th grade</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>11/20/2014</td>
<td>Upper Valley Career Center-Adult Lineman Training</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>11/25/2014</td>
<td>Washington School (@ High St) - 4th grade</td>
<td>Safety Demo</td>
</tr>
<tr>
<td>12/19/2014</td>
<td>Bennett Intermediate School - 4th grade</td>
<td>Energy Bike/Safety Demo</td>
</tr>
</tbody>
</table>
Mutual Aid

- May 22, 2014 – Tipp City, Extreme Flooding
- September 30, 2014 – Pioneer REC, Assist Underground Cable Pulling
Piqua Power System

Joel Hart – SCADA Admin.

Bret Reid – Part-time SCADA Admin.
New Vehicle Purchase
ASAI (Average Service Availability Index - %)

Ratio of the total customer minutes that service was available divided by total customer minutes demanded in a time period.
CAIDI (Customer Avg Interruption Duration Index - Minutes)

The average duration of a customer outage is calculated by dividing the sum of the customer minutes off by the number of customers who experienced long interruptions.
The average interruption duration for all customers served, and is calculated by dividing the sum of the customer minutes off by the average no. of customers served.
SAIFI Long (System Average Interruption Frequency Index - Long Interruptions per Customer)

The number of times a customer is interrupted (>1 minute), averaged over all customers. Divide total customer interruptions by an average of total customers served.
SAIFI Short (System Average Interruption Frequency Index - Short Interruptions per Customer)

The number of times a customer is interrupted (<1 minute), averaged over all customers. Divide total short customer interruptions by the average number of all customers served.
Outage By Cause

<table>
<thead>
<tr>
<th>Year</th>
<th>Supply to City</th>
<th>OH/URD Equipment Failure</th>
<th>Weather</th>
<th>Animals</th>
<th>Trees</th>
<th>Foreign Interference</th>
<th>Human</th>
<th>Scheduled</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>2</td>
<td>54</td>
<td>34</td>
<td>48</td>
<td>13</td>
<td>5</td>
<td>5</td>
<td>113</td>
<td>16</td>
</tr>
<tr>
<td>2011</td>
<td>0</td>
<td>55</td>
<td>46</td>
<td>41</td>
<td>8</td>
<td>3</td>
<td>2</td>
<td>39</td>
<td>14</td>
</tr>
<tr>
<td>2012</td>
<td>3</td>
<td>35</td>
<td>47</td>
<td>37</td>
<td>15</td>
<td>8</td>
<td>4</td>
<td>43</td>
<td>7</td>
</tr>
<tr>
<td>2013</td>
<td>0</td>
<td>20</td>
<td>12</td>
<td>36</td>
<td>18</td>
<td>2</td>
<td>2</td>
<td>38</td>
<td>15</td>
</tr>
<tr>
<td>2014</td>
<td>0</td>
<td>30</td>
<td>11</td>
<td>31</td>
<td>11</td>
<td>10</td>
<td>1</td>
<td>60</td>
<td>14</td>
</tr>
</tbody>
</table>
CRC Outage Texting Service

Be sure to sign up for outage texting service!
Local Utilities - Avg Revenue per kWh - 2013

<table>
<thead>
<tr>
<th>Utility</th>
<th>Residential</th>
<th>Commercial</th>
<th>Industrial</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP&amp;L</td>
<td>13.4</td>
<td>10.0</td>
<td>10.8</td>
<td>12.4</td>
</tr>
<tr>
<td>Pioneer Coop</td>
<td>13.4</td>
<td>11.8</td>
<td>6.9</td>
<td>9.9</td>
</tr>
<tr>
<td>Tipp City</td>
<td>10.2</td>
<td>10.5</td>
<td>8.1</td>
<td>9.2</td>
</tr>
<tr>
<td>City of Piqua</td>
<td>9.5</td>
<td>7.8</td>
<td>6.4</td>
<td>7.7</td>
</tr>
</tbody>
</table>
### Ohio Avg Revenue per kWh - 2013

<table>
<thead>
<tr>
<th>Category</th>
<th>Residential</th>
<th>Commercial</th>
<th>Industrial</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investor-Owned</td>
<td>12.6</td>
<td>11.7</td>
<td>5.6</td>
<td>10.8</td>
</tr>
<tr>
<td>Cooperative</td>
<td>12.7</td>
<td>11.8</td>
<td>8.1</td>
<td>11.5</td>
</tr>
<tr>
<td>Publicly Owned</td>
<td>10.9</td>
<td>10.9</td>
<td>8.5</td>
<td>9.8</td>
</tr>
<tr>
<td>City of Piqua</td>
<td>9.5</td>
<td>7.8</td>
<td>6.4</td>
<td>7.7</td>
</tr>
</tbody>
</table>

Rev/kWh (cents)
AMERICAN MUNICIPAL POWER, INC.

RESOLUTION 12-02-3256

CREDIT SCORING FOR MEMBERS-REVISION TO RESOLUTION 09-03-2741

WHEREAS, American Municipal Power, Inc. (AMP) membership must be creditworthy and financially sound; and

WHEREAS, AMP staff has developed certain financial criteria to measure creditworthiness and financial soundness for members; and

WHEREAS, A revision is deemed necessary to Resolution 09-03-2741, Credit Scoring for Members; and

WHEREAS, the Revised AMP Member Credit Scoring Program for members is set forth in Appendix A attached hereto; and

WHEREAS, AMP staff recommends that the Board of Trustees adopt the policy as set forth in Appendix A effective for audits received after January 1, 2012 for the 2010 fiscal year, and all other audit years going forward, during calendar year 2012 and beyond

NOW, THEREFORE, BE IT HEREBY RESOLVED, that the Board of Trustees adopts the policy as set forth in Appendix A effective for audits received for the 2010 fiscal year, and all other audit years going forward, during calendar year 2012 and beyond.

DATE: May 15, 2012

CHAIRMAN

APPROVED AS TO FORM

GENERAL COUNSEL

AND ASSISTANT SECRETARY

PRESIDENT
AMP Lineworker Rodeo

**JOURNEYMAN**

**Hurtman Rescue**
1st Dan Cline, Piqua
2nd David Overman, Jackson Center
3rd Ryan McCarroll, Tipp City

**12kV Arrestor Change Out**
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

**Single-Phase Pole Transfer**
1st Dan Cline, Piqua
2nd David Overman, Jackson Center
3rd Ryan McCarroll, Tipp City

**Alley Arm Insulator Change Out**
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

**Two-Phase Horizontal Cutout Change Out**
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

**Overall**
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

*Overall – Journeyman: Ryan McCarroll (left), Tipp City, second; and Dan Cline, Piqua, first. Not pictured is David Overman, Jackson Center, third.*
## Reliable Public Power Provider

<table>
<thead>
<tr>
<th>Year</th>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>Submitted Application</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>Diamond</td>
<td>100%</td>
</tr>
<tr>
<td>2011</td>
<td>Platinum</td>
<td>99%</td>
</tr>
<tr>
<td>2009</td>
<td>Diamond</td>
<td>100%</td>
</tr>
<tr>
<td>2006</td>
<td>Platinum</td>
<td>98%</td>
</tr>
</tbody>
</table>
Questions?