OU Auxiliary Utility Rates
FY 2011

Electric Rate
Electricity Average Cost $ 0.077 per kW-hour
Transportation cost to OU $ - per kW-hour
Transportation cost to Auxiliary $ 0.010 per kW-hour

TOTAL RATE $ 0.0870 per kW-hour

For Reference: Detroit Edison - General Service Rate D3 = $0.0995 per kW-hour

Natural Gas Rate
Averaged Annual Gas Cost $ 7.900 per MMBtu
Transportation cost to OU $ 0.66 per MMBtu
Transportation cost to Auxiliary $ 1.10 per MMBtu

Total cost $ 9.66 per MMBtu
Conversion to MCF 1.00 MMBtu per MCF

TOTAL RATE $ 9.66 per MCF

TOTAL RATE $ 0.97 per CCF

CCF = 100 Cubic Feet, MCF = Million Cubic Feet, MMBTU = Million British Thermal Units
Consumers Energy bill in CCF, so this unit is used for the SA for comparison to the Consumers billings

Water & Sewer Rate
Auburn Hills Water Cost $ 0.0175 per cubic feet
Auburn Hills Sewer Cost $ 0.0175 per cubic feet
Transportation cost to Auxiliary $ 0.0035 per cubic feet
TOTAL RATE $ 0.0385 per cubic feet

High Temperature Hot Water MMBTU Cost Calculation

<table>
<thead>
<tr>
<th>Item</th>
<th>ADD</th>
<th>Cost per MMBTU</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas Cost</td>
<td></td>
<td>$ 8,5600</td>
<td>Raw fuel input to boilers = avg annual gas cost + transp to OU</td>
</tr>
<tr>
<td>Boiler Efficiency</td>
<td>2.14</td>
<td>$ 10,7000</td>
<td>Add cost for converting natural gas to hot water, boiler losses</td>
</tr>
<tr>
<td>Central Plant O&amp;M</td>
<td>1.07</td>
<td>$ 11,7700</td>
<td>Add cost for running power house: pumping power, labor, and maint.</td>
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<tr>
<td>Distribution System Eff.</td>
<td>2.94</td>
<td>$ 14,7125</td>
<td>Add cost for distribution system losses</td>
</tr>
<tr>
<td>Metering &amp; Distrib. O&amp;M</td>
<td>0.74</td>
<td>$ 15,4481</td>
<td>Add cost for metering, data collection, analysis, &amp; billing</td>
</tr>
<tr>
<td>TOTAL Cost</td>
<td></td>
<td>$ 15,4481</td>
<td></td>
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</tbody>
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