

## OU Auxiliary Utility Rates FY 06

### Electric Rate

|                                  |           |               |                    |
|----------------------------------|-----------|---------------|--------------------|
| Electricity Average Cost         | \$        | 0.066         | per kW-hour        |
| Transportation cost to OU        | \$        | -             | per kW-hour        |
| Transportation cost to Auxiliary | \$        | 0.010         | per kW-hour        |
| Viron ESA Support                | \$        | 0.005         |                    |
| <b>TOTAL RATE</b>                | <b>\$</b> | <b>0.0810</b> | <b>per kW-hour</b> |

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

### Natural Gas Rate

|                                  |           |             |                |
|----------------------------------|-----------|-------------|----------------|
| Averaged Annual Gas Cost         | \$        | 5.85        | per MMBtu      |
| Transportation cost to OU        | \$        | 0.55        | per MMBtu      |
| Transportation cost to Auxiliary | \$        | 0.25        | per MMBtu      |
| Viron ESA Support                | \$        | 0.25        | per MMBtu      |
| Total cost                       | \$        | 6.90        | per MMBtu      |
| Conversion to MCF                |           | 1.03        | MMBtu per MCF  |
| <b>TOTAL RATE</b>                | <b>\$</b> | <b>6.70</b> | <b>per MCF</b> |
|                                  | <b>\$</b> | <b>0.67</b> | <b>per CCF</b> |

*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          | \$        | 0.0168        | per cubic feet        |
| Auburn Hills Sewer Cost          | \$        | 0.0168        | per cubic feet        |
| Transportation cost to Auxiliary | \$        | 0.0020        | per cubic feet        |
| <b>TOTAL RATE</b>                | <b>\$</b> | <b>0.0355</b> | <b>per cubic feet</b> |

### High Temperature Hot Water MMBTU Cost Calculation

| Item                     | ADD     | Cost per MMBTU    | Notes                                                          |
|--------------------------|---------|-------------------|----------------------------------------------------------------|
| Natural Gas Cost         |         | \$ 6.4000         | Raw fuel input to boilers = avg annual gas cost + transp to OU |
| Boiler Efficiency        | \$ 1.60 | \$ 8.0000         | Add cost to convert natural gas to hot water, boiler losses    |
| Central Plant O&M        | \$ 0.80 | \$ 8.8000         | Add cost to run power house: pumping power, labor, and maint.  |
| Distribution System Eff. | \$ 2.20 | \$ 11.0000        | Add cost for distribution system losses                        |
| Metering & Disrib. O&M   | \$ 0.55 | \$ 11.5500        | Add cost for metering, data collection, analysis, & billing    |
| <b>TOTAL Cost</b>        |         | <b>\$ 11.5500</b> |                                                                |