

OU Auxiliary Utility Rates FY 08

Electric Rate

Electricity Average Cost	\$	0.075	per kW-hour
Transportation cost to OU	\$	-	per kW-hour
Transportation cost to Auxiliary	\$	0.010	per kW-hour
Viron ESA Support	\$	0.005	per kW-hour
TOTAL RATE	\$	0.0900	per kW-hour

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

Natural Gas Rate

Averaged Annual Gas Cost	\$	9.520	per MMBtu
Transportation cost to OU	\$	0.62	per MMBtu
Transportation cost to Auxiliary	\$	1.10	per MMBtu
Viron ESA Support	\$	0.20	per MMBtu
Total cost	\$	11.44	per MMBtu
Conversion to MCF	1.03		MMBtu per MCF
TOTAL RATE	\$	11.11	per MCF
	\$	1.11	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	\$	0.0173	per cubic feet
Auburn Hills Sewer Cost	\$	0.0173	per cubic feet
Transportation cost to Auxiliary	\$	0.0020	per cubic feet
TOTAL RATE	\$	0.0366	per cubic feet

High Temperature Hot Water MMBTU Cost Calculation

Item	ADD	Cost per MMBTU	Notes
Natural Gas Cost		\$ 10.1400	Raw fuel input to boilers = avg annual gas cost + transp to OU
Boiler Efficiency	\$ 2.54	\$ 12.6750	Add cost to convert natural gas to hot water, boiler losses
Central Plant O&M	\$ 1.27	\$ 13.9425	Add cost to run power house: pumping power, labor, and maint.
Distribution System Eff.	\$ 3.49	\$ 17.4281	Add cost for distribution system losses
Metering & Disrib. O&M	\$ 0.87	\$ 18.2995	Add cost for metering, data collection, analysis, & billing
TOTAL Cost		\$ 18.2995	