

OU Auxiliary Utility Rates FY 07

Electric Rate

Electricity Average Cost	\$	0.070	per kW-hour
Transportation cost to OU	\$	-	per kW-hour
Transportation cost to Auxiliary	\$	0.012	per kW-hour
Viron ESA Support	\$	0.005	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	\$	8.400	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	\$	10.32	per MMBtu
Conversion to MCF	1.03		MMBtu per MCF
TOTAL RATE	\$	10.02	per MCF
	\$	1.00	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	\$	0.0168	per cubic feet
Auburn Hills Sewer Cost	\$	0.0168	per cubic feet
Transportation cost to Auxiliary	\$	0.0020	per cubic feet
TOTAL RATE	\$	0.0355	per cubic feet

High Temperature Hot Water MMBTU Cost Calculation

Item	ADD	Cost per MMBTU	Notes
Natural Gas Cost		\$ 9.0200	Raw fuel input to boilers = avg annual gas cost + transp to OU
Boiler Efficiency	\$ 2.26	\$ 11.2750	Add cost to convert natural gas to hot water, boiler losses
Central Plant O&M	\$ 1.13	\$ 12.4025	Add cost to run power house: pumping power, labor, and maint.
Distribution System Eff.	\$ 3.10	\$ 15.5031	Add cost for distribution system losses
Metering & Disrib. O&M	\$ 0.78	\$ 16.2783	Add cost for metering, data collection, analysis, & billing
TOTAL Cost		\$ 16.2783	