

Appendix A: Cascade Natural Gas Current Conservation/Low Income Programs

Existing Residential Programs	Description	Incentive Amount
New High Efficiency Gas Furnace	90% AFUE Rating	\$150.00
High Efficiency Water Heater	.62 Energy Factor or greater	\$25.00
Commercial/Industrial Programs	Description	Incentive Amount
HVAC High Efficiency Condensing Unit Heater	Minimum 92% AFUE	\$3.25/kBtu/hr
HVAC High Efficiency Condensing Unit Heater	Minimum 91% Max 225kBtu/hr	\$3.25/kBtu/hr
HVAC High Efficiency Non-Condensing Unit Heater	Minimum 86% AFUE	\$1.50/kBtu/hr
Insulation	Attic/Roof Insulation R-11 or Greater	\$0.30 Per sq ft
Insulation	Ceiling/Roof Insulation Min R-19 or Greater	\$0.30 Per sq ft
Condensing Boiler	Minimum 90% AFUE and 500 kBtu input	\$2.00/kBtu/hr
Domestic Energy Efficient Water Heater	90% AFUE Rating or Greater	\$2.50/kBtu/hr
Energy Star Gas Fryer	None	\$600.00
Direct-Fired Gas Convection Oven	None	\$600.00

The Company currently has the following Conservation programs in place for its Residential and Commercial/Industrial customers: **High Efficiency Furnace Program** (90% AFUE Rating) For the year of 2006 Cascade had 4,044 participants with the average of 35% New Customers and 65% Existing. **High Efficiency Water Heater Program** (60% AFUE Rating) 1,609 participants with again 35% New Customers and 65% Existing. The Company also has in place a Low-Income Weatherization Program, which has had only 10 participants for this year, with an average therm saving of 346. **Ceiling/Roof Insulation Upgrade** this measure provides incentives for CNGC commercial and small industrial customers to upgrade the ceiling/roof insulation in their buildings with R19 or high insulation for un-insulated attics or R-11 or higher rigid board when replacing an un-insulated roof or attic. CNGC will provide incentives to the builder owner of \$0.30 per sq foot for installation of R19 or higher insulation in attics and a \$0.30 per sq foot for the installation of R-11 or higher rigid board in roofs without attics. **HVAC Equipment Upgrades** this measure provides incentives for CNGC commercial and small industrial customers who upgrade the HVAC equipment in their buildings with energy efficient natural gas heaters. CNGC will provide rebates to customers who install a 92% high efficiency condensing unit heater. The incentive amount is \$3.25/kBtu/hr, condensing unit heater 86% or higher non-condensing the incentive amount is \$1.50/kBtu/hr, condensing furnace, 91% or higher efficiency Max. 225kBtu/hr the incentive amount is \$3.25/kBtu/hr and condensing boilers 90% or higher efficiency Min 500kBtu/hr. The incentive amount is \$2.00kBtu/hr. **Restaurant Equipment Upgrade** this measure provides incentives for CNGC commercial and small industrial customers to upgrade the cooking equipment in their buildings with energy efficient natural gas equipment. Eligible restaurant equipment would be Energy Star rated infrared Gas Fryers and full sized (6ft3 or greater interior) direct-fired Convection Ovens. Cascade would provide rebates of \$600 for the installation of an Energy Star Gas Fryer and a \$600 for the installation of a Convection Oven. **Water Heating Equipment Upgrade** this measure provides an incentive for CNGC commercial and small industrial customer to upgrade the water heating equipment in their buildings with energy efficient natural gas water heaters. CNGC will provide rebates of \$2.50 kBtu/hr input for customers who install 90% AFUE or higher domestic hot water condensing units.