

**Please note:** Standard incentives are available on qualified measures to Commercial and Small Industrial Customers of Cascade Natural Gas on Rate Schedules 504, 505, 511, 570 and 577.

|                      | EFFICIENCY MEASURE                            | DESCRIPTION   | EFFICIENCY TYPE<br>AFUE: Annual Fuel Utilization Efficiency<br>MEF: Modified Energy Factor<br>EF: Energy Factor | UNIT INCENTIVE<br>kBtuh: 1,000 Btus per hour<br>gpm: gallons per minute |
|----------------------|---|---|---|---|
| <b>HVAC</b>          | HVAC Unit Heater                              | High Efficiency Non-Condensing with Electronic Ignition           | Minimum 86% AFUE  | \$1.50 / kBtuh input  |
|                      | HVAC Unit Heater                              | High Efficiency Condensing  | Minimum 92% AFUE  | \$3.00 / kBtuh input  |
|                      | Warm Air Furnace                              | High Efficiency Condensing Furnace                                | Minimum 91% AFUE  | \$3.00 / kBtuh input  |
|                      | Radiant Heating                               | Direct Fired Radiant Heating                                      | None  | \$6.50 / kBtuh input  |
|                      | Boiler  | High Efficiency Condensing Boiler with Electronic Ignition        | Minimum 90% AFUE and 300 kBtuh input  | \$4.00 / kBtuh input  |
|                      | Boiler Vent Damper                            | Boiler Vent Damper  | Minimum 1,000 kBtuh input   | \$1,000   |
| <b>WATER HEATING</b> | Boiler Steam Trap <sup>1</sup>                | Steam Trap on pipes <2" with minimum 25 psig trap design pressure | Minimum 300 kBtuh input; steam pressure at 7psig or greater   | \$80  |
|                      | Domestic Tankless/Instantaneous Water Heaters | With Standing Pilot   | Minimum .708 Energy Factor  | \$30 / gpm  |
|                      | Domestic Tankless/Instantaneous Water Heaters | With Electronic Ignition  | Minimum .738 Energy Factor  | \$40 / gpm  |
|                      | Domestic Hot Water Tanks                      | Condensing Tank   | Minimum 91% AFUE or 91% Thermal Efficiency  | \$2.50 / kBtuh input  |
|                      | Clothes Washer                                | Commercial Gas Washer   | 1.8 MEF   | \$180   |
| <b>INSULATION</b>    | Attic Insulation                              | Attic Insulation (Retrofit Only)                                  | Tier 1: Minimum R-30<br>Tier 2: Minimum R-45  | \$0.50 / sq. ft.<br>\$0.65 / sq. ft.                                    |
|                      | Roof Insulation                               | Roof Insulation (Retrofit Only)                                   | Tier 1: Minimum R-21<br>Tier 2: Minimum R-30  | \$0.60 / sq. ft.<br>\$0.80 / sq. ft.                                    |
|                      | Wall Insulation <sup>2</sup>                  | Wall Insulation (Retrofit Only)                                   | Tier 1: Minimum R-11<br>Tier 2: Minimum R-19  | \$0.30 / sq. ft.<br>\$0.40 / sq. ft.                                    |
| <b>FOODSERVICE</b>   | Gas Fryer                                     | ENERGY STAR   | None  | \$600   |
|                      | Gas Convection Oven                           | Full Sized Oven (Cooking capacity 6 cubic feet or more)           | None  | \$600   |
|                      | Gas Griddle                                   | High Efficiency Infrared Gas Griddle                              | None  | \$500   |

<sup>1</sup> This measure will only be allowed where the customer agrees to regular trap maintenance and replacement every seven (7) years.

<sup>2</sup> Minimum value of R-11 applies only where existing walls have no internal insulation cavities.

To apply for an incentive, download a Standard Incentive Request form at [www.cngc.com/conservation](http://www.cngc.com/conservation) and return to us via email at [conserve@cngc.com](mailto:conserve@cngc.com) or by fax at 1-866-610-9555. Questions? Call 1-866-450-0005. We look forward to serving you!

### **COMMERCIAL/INDUSTRIAL CONSERVATION PROGRAM**

#### **PROGRAM DESCRIPTION:**

This program is designed to increase energy efficiency in commercial/industrial facilities within Cascade's service territory by providing cash incentives for the installation of certain energy efficiency measures in qualifying facilities.

#### **MEASURES/INCENTIVES:**

The measures and incentives provided by Cascade Natural Gas Corporation are deemed cost-effective and may be recommended under this program. Energy efficiency measures not listed may still be eligible for customer incentives providing the incremental costs of the measure does not exceed \$1.00 per therm saved. Incentives for site-specific program measures will be based on 25% of the avoided cost savings of the measures, not to exceed 50% of the incremental cost of the measure.

#### **AVAILABILITY:**

This program is available throughout Cascade's Washington service territory to qualifying commercial and industrial customers served on rate schedules 504, 505, 511, 570 and 577 upon meeting the requirements contained in the following specifications section.

#### **SPECIFICATIONS:**

Requirements (as applicable to the project):

- Participating customers must be a new or existing commercial or industrial natural gas customer of Cascade Natural Gas Corporation
- Incentives apply on qualified high efficiency space and water heating systems, and cooking equipment installed as replacement, retrofit or new installation in place of standard efficiency equipment. If the equipment installation, replacement, or retrofit provides significant increase over existing high efficiency equipment, please contact program representative for potential custom incentive
- Insulation measures must be installed in an existing building heated by natural gas without functional insulation in the component being treated.
- Measures must be installed during the effective dates of this program to be eligible for a rebate (retroactive to Oct. 1, 2007 and ongoing) and applications must be submitted within 90 days of equipment installation to qualify for a rebate.
- Customers requesting site-specific energy efficiency measures must submit estimated costs and natural gas savings associated with the project. Natural gas savings are to be calculated using standard engineering practices. The Company will review the natural gas savings calculations, and reserves the right to modify energy savings estimates.

#### **To receive a cash conservation incentive, please provide the following documentation:**

- |                               |                                |
|-------------------------------|--------------------------------|
| • Incentive Request Form      | • Quote for proposed equipment |
| • W9 Form                     | • Final invoice marked "Paid"  |
| • Copy of recent CNG Gas Bill | • Manufacturer's Spec Sheet    |