

Substitute Second Rev. Sheet No. 302  
Canceling  
First Revision Sheet No. 302

WN U-3

CASCADE NATURAL GAS CORPORATION

COMMERCIAL/INDUSTRIAL CONSERVATION PROGRAM

**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.

**PROGRAM DESCRIPTION:**

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

**MEASURES/INCENTIVES:**

The following measures 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.

Measure	Description	Efficiency/Type/Req Qualification	Unit Incentive
HVAC Unit Heater	High-Efficiency Non-Condensing with Electronic Ignition	Minimum 86% AFUE	\$1.50/kBtu/hr
HVAC Unit Heater	High Efficiency Condensing	Minimum 92% AFUE	\$3.00/kBtu/hr
Warm Air Furnace	High Efficiency Condensing Furnace	Minimum 91% AFUE	\$3.00/kBtu/hr
Radiant Heating	Direct Fired Radiant Heating	None	\$6.50/kBtu/hr
Insulation	Attic Insulation (retrofit only)	Tier One: Minimum R-30	Tier One: \$0.50/sq. ft.
		Tier Two: Minimum R-45	Tier Two: \$0.65/sq. ft.
Insulation	Roof Insulation (retrofit only)	Tier One: Minimum R-21	Tier One: \$0.60/ sq. ft.
		Tier Two: Minimum R-30	Tier Two: \$0.80/ sq. ft.
Insulation	Wall Insulation (retrofit only)	Tier One: Minimum R-11 <sup>1</sup>	Tier One: \$0.30/ sq. ft.
		Tier Two: Minimum R-19	Tier Two: \$0.40/ sq. ft.
Domestic Hot Water Tanks	Condensing Tank	Minimum 91% AFUE or 91% Thermal Efficiency	\$2.50/kBtu/hr
Domestic Tankless/ Instantaneous Water Heaters	With Standing Pilot	Minimum 70.8% Energy Factor	\$30.00/gpm
Domestic Tankless/ Instantaneous Water Heaters	With Electronic Ignition	Minimum 73.8% AFUE	\$40.00/gpm
Boiler	High Efficiency Condensing Boiler with Electronic Ignition	Minimum 90% AFUE and 300 kBtu input	\$4.00/kBtu/hr
Boiler Vent Damper	Boiler Vent Damper	Minimum 1,000 kBtu input	\$1,000/ vent damper
Boiler Steam Trap <sup>2</sup>	Steam Trap fitted to Steam Boiler	Minimum 300 kBtu input and steam pressures at 7psig or greater	\$80.00
Gas Fryer	Energy Star	None	\$600.00
Gas Convection Oven	Full Sized Oven (Cooking capacity 6 cubic feet or more)	None	\$600.00
Gas Griddle	High Efficiency Infrared Gas Griddle	None	\$500.00
Clothes Washer	Commercial Gas Washer	1.8 MEF	\$180.00

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<sup>1</sup> Minimum value of R-11 applies only where existing walls have no internal insulation cavities.

<sup>2</sup> To qualify for rebate, steam trap size must be <2", minimum 25 psig trap design pressure. This measure will only be allowed where the customer agrees to have the trap regularly maintained and replaced every seven years.

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EFFECTIVE September 11, 2009

BY

*[Signature]*  
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ISSUED BY CASCADE NATURAL GAS CORPORATION

TITLE Senior Vice President  
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