

Seventh Revision Sheet No. 300
 Canceling
 Sixth Revision Sheet No. 300

WN U-3

CASCADE NATURAL GAS CORPORATION

RESIDENTIAL CONSERVATION INCENTIVE PROGRAM

AVAILABILITY:

This program is available throughout Cascade's Washington service territory to qualifying residential customers served on rate schedule 503 upon meeting the requirements contained in the following eligibility section.

PROGRAM DESCRIPTION:

This program is designed to increase energy efficiency in residential households within Cascade's service territory by providing rebates for the installation of certain energy efficiency measures in qualifying residential dwellings.

ELIGIBILITY:

To qualify for incentives, customers must meet the end-use qualifications identified in the Measures/Incentive Table below. Additionally as applicable to the project, baseline insulation levels in existing structures must not exceed the following baseline specifications in order to qualify for an incentive.

	Existing Insulation Level
Ceiling/Attic	R-18 or less
Floor	R-11 or less
Wall	R-4 or less

Customers currently using high-efficiency natural gas HVAC or water heating equipment are not eligible for the high efficiency equipment measures.

MEASURES/INCENTIVES:

The following measures are deemed cost-effective and may be recommended under this program.

Whole Home Packages ¹	Description	Incentive Amount
Energy Star Certified Home	National Program Requirements Version 3.1 (Rev. 08) ¹	\$600.00
Built Green Washington Certified Home	Certified from one to five stars ¹	\$600.00
Stand Alone Measures	Description	Incentive Amount
High Efficiency Gas Furnace	95% AFUE ¹	\$250.00
High Efficiency Combination Radiant Heat	90% AFUE Combination Domestic Hot Water and Hydronic Space Heating System using pre-approved Tankless Water Heater ^{1&2}	\$825.00
Condensing High Efficiency Tankless Water Heater	.91 EF	\$150.00
High Efficiency Gas Hearth (Fireplace) with Intermittent Ignition	80% AFUE	\$250.00
High Efficiency Gas Hearth (Fireplace) with Intermittent Ignition	70% FE	\$150.00
Wall Insulation ¹	Equal to or greater than R-11 or to fill cavity	\$.35/sf.

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BY


 Michael Parvinen

TITLE

Director
 Regulatory Affairs

Fourth Revision Sheet No. 300-A
Canceling
Third Revision Sheet No. 300-A

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CASCADE NATURAL GAS CORPORATION

RESIDENTIAL CONSERVATION PROGRAM
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Ceiling Insulation ¹	Equal to or greater than R-38	\$.30/sf.
Floor Insulation ¹	Equal to or greater than R-30 or to fill cavity ³	\$.30/sf.
High Efficiency Water Heater ²	.67 Energy Factor or greater	\$45.00
Energy Savings Kits ²	Low Flow Showerhead(s) plus aerators	Free
High Efficiency Exterior Door	Equal to or less than U 0.21	\$50.00
Whole Home Air Sealing ¹	Min. 400 CFM50 reduction using pre and post blower door testing	\$100.00

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¹ To qualify for rebate, dwelling must use Natural Gas as primary heat source.

² To qualify for rebate, dwelling must utilize Natural Gas for water heating.

³ To fill cavity, R-value must be R-19 or greater.

GENERAL PROVISIONS:

The administrative and program delivery costs associated with this program will be accounted for and recovered through an annual deferral amortization. All installations of weatherization and equipment must comply with all codes and permit requirements applicable in the state of Washington and must be properly inspected, if required, by appropriate agencies. Customer must submit required documentation of purchase and installation to the Company under the terms and instructions on the current rebate form. The Company reserves the right to verify installation prior to payment of any rebates. Additional information about Cascade's conservation incentive programs is available on the Company's website at <http://www.cngc.com>.

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CASCADE NATURAL GAS CORPORATION

COMMERCIAL/INDUSTRIAL CONSERVATION PROGRAM

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Measure	Description	Efficiency Type For Qualification	Unit Incentive
Double Rack Oven	FSTC Qualified	>=50% Cooking Efficiency; <=3,500 Btu/hr/ Idle Rate D Rack	\$2,000.00
Gas Griddle	Energy Star	>=38% Cooking Efficiency; <=2650 Btu/hr-sq ft Idle Rate	\$350.00
Door Type Dishwasher Low Temp Gas	Energy Star	<= 6 kw Idle Rate <=1.18 gallon/rack	\$650.00
Multi-Tank Conveyor Low Temp Dishwasher Gas Main w/ Electric Booster	Energy Star	<=2.0 kw Idle Rate <=.50 gallon/rack	\$1,000.00
Clothes Washer	Commercial Gas Washer	1.8 MEF	\$180.00
Motion Control Faucet	Motion Control Faucet	Flow Rate 1.8 gpm Maximum	\$105.00
Recirculation Controls	Continuous Operation DHW Pump	Add Time lock Control to DHW circulation pump	\$100
Ozone Injection Laundry ³	Venturi Injection or Bubble Diffusion Minimum 125 lb Total Washer/Extractor Capacity	Pre-Approved by CNG	\$2,500
Energy Savings Kit A	Kitchen PRSV & Bath Aerators	<= 1.0 gpm /0.75 gpm Flow Rate	Free (Value of \$55)
Energy Savings Kit B	Low Flow Showerhead Kit	<= 1.85 gpm Flow Rate	Free (Value of \$25)
Gas Conveyor Oven	Natural Gas Conveyor Oven	>42% tested baking efficiency	\$600
Demand Control Ventilation	For Packaged HVAC Units equipped with Gas Fired Furnace Sections and Direct Expansion Cooling Sections	≥ 5 ton (60,000 btu/hr) and ≤ 20 ton (240,000 btu/hr) Meets Northwest Joint Utility Advanced Rooftop Control (ARC) Guidelines for DCV Control	\$12/nominal ton capacity

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

² 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.

³ Qualifying customers with Commercial laundries that utilize gas heated hot water.

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
- All high efficiency HVAC, water heating, and or cooking equipment must be replacing standard efficiency natural gas equipment or installing new equipment. Buildings currently using high efficiency equipment are not eligible for this program.
- Insulation measures must be installed in an existing building heated by natural gas without insulation in the component being treated.
- Eligible measures must be installed during the effective dates of this program to be eligible 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.

GENERAL PROVISIONS:

The administrative and program delivery costs associated with this program will be accounted for and recovered through an annual deferral amortization.

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All installations and equipment must comply with all codes and permit requirements applicable in the state of Washington and must be properly inspected, if required, by appropriate agencies. The Company may establish specifications regarding any measures and modifications to be affected and may conduct inspections to ensure that such specifications are met. Customer must submit required documentation of purchase and installation to the Company under the terms and instructions on the current rebate form. The Company reserves the right to verify installation prior to payment of any rebates. The Company reserves the right to alter, amend, or cancel this program at any time.

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