



Wisconsin ENERGY STAR® Homes

BUILDER Cash-Back Reward Eligibility Summary

January 1, 2010 to December 31, 2010 (v2)

Only Wisconsin residential homes built in participating Focus on Energy utility service territories are eligible for Cash-Back Rewards. Cash-Back Rewards apply to single family and modular single family homes, duplex's and townhomes of three or fewer units. (rewards are per individual unit). **All Cash-Back Rewards are based on receipt of information from a partnering Wisconsin ENERGY STAR Homes Consultant.** All Cash-Back Rewards will be paid out up to one year past the current Focus on Energy contract year. All rewards are based on the date that the home is added to the project tracking spreadsheet. To determine if a home is within a participating utility area or to select a Wisconsin ENERGY STAR consultant, please call 800.762.7077 or visit the Focus on Energy website <http://www.focusonenergy.com/Residential/New-Home/>

Wisconsin ENERGY STAR Homes Reward	Technical Criteria Refer to page 2 for additional information	Reward Amount (Per Home)	Participating Utility Requirement	Required Forms
New Builder Certification	Builder has 3 or fewer homes certified	\$200	Gas or Electric	Site Visit 1, 2 & 3
Experienced Builder Certification	Builder has 4 or more homes certified	\$100	Gas or Electric	Site Visit 2 & 3
Low Solar Heat Gain Windows	Windows with a Solar Heat Gain Coefficient (SHGC) of .25 or less	\$50	Electric Only	Site Visit 3
Foundation Wall Insulation	Full height continuous R10 Insulation	\$150	Gas only	Site Visit 3
Bonus Package 1: Forced Air Heating & Cooling	Furnace and AC equipment must meet technical criteria to receive this bonus	\$50	Gas & Electric	Site Visit 3
Bonus Package 2: Modulating Boiler	Boiler and AC must meet technical criteria to receive this bonus	\$50	Gas & Electric	Site Visit 3
Bonus Package 3: Water Heater	Must meet the water heater technical requirements and the technical requirements of bonus package 1 or 2	\$100	Gas Only	Site Visit 3
Furnace with ECM motor	90% + AFUE Furnace with ECM and multiple stages of heating	\$250	Electric Only	Site Visit 3
Drain Water Heat Recovery	Drain Water Heat Recovery System such as: GFX, PowerPipe or Re-Therm	\$100	Gas or Electric	Site Visit 3
Structured Plumbing	Circulation loop, on-demand recirculation pump and activation switches	\$200	Gas or Electric	Site Visit 3
Solar Hot Water Renewable Ready Construction	Plumbing and electrical components pre-installed and ready to receive future solar hot water system	\$100	Gas or Electric	Renewable Ready Construction Pre Qualification, Site Verification and Reward Form
Solar Electric Renewable Ready Construction	Conduit and misc components pre-installed and ready to receive future photovoltaic system	\$100	Electric Only	Renewable Ready Construction Pre Qualification, Site Verification and Reward Form
Bonus: Renewable Installation	Solar Hot Water or Solar Electric system installation	\$175	Gas or Electric	Site Visit 3
Active Sub-Slab Moisture Management and Ventilation System	Continuous exhaust fan connected to the drain tile system	\$250	Electric Only	Site Visit 3
ENERGY STAR Lighting Fixture Package	Package of 5 ENERGY STAR qualified light fixtures	\$75	Electric Only	Application
ENERGY STAR CFL Light Bulb Package	Up to 40 ENERGY STAR qualified Compact Fluorescent Lamps (CFL)	\$80	Electric Only	Application



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Acronyms

GSHP: Ground Source Heat Pump

SEER: Seasonal Energy Efficiency Rating

PV: Photovoltaic

SHGC: Solar Heat Gain Coefficient

EFI: Energy Federation Incorporated

AHRI: Air Conditioning Heating and

ECM: Electronically Commutated Motor

CFL: Compact Fluorescent Light

Refrigeration Institute

New Builder Certification: \$200

Requirements:

A "new builder" is defined as a builder having certified 3 or fewer homes through the Wisconsin ENERGY STAR Homes program. The designation will apply up to, and including the third certified Home. Builder must work with a partnering Wisconsin ENERGY STAR Homes consultant. All three site visits are required: 1-Framing, 2-Insulation Installation and 3-Performance Testing. The home must be in a participating gas utility.

Exclusions:

- Not eligible if combined with a geothermal system with electronic resistance back up heating.

Experienced Builder Certification: \$100

Requirements:

An "experienced builder" is defined as any builder having certified 4 or more homes through the Wisconsin ENERGY STAR Homes program. Builder must work with a partnering Wisconsin ENERGY STAR Homes consultant. Two site visits are required: 1-Framing or 2-Insulation Installation and 3- Performance Testing. The home must be in a participating gas utility.

Exclusions:

- Not eligible if combined with a geothermal system with electronic resistance back up heating.

Low Solar Heat Gain Windows: \$50

Requirements:

A minimum of 75 square feet of east/west windows having a SHGC of .25 or less. Window orientation may be within 45° of east/west. Requires verification by the Wisconsin ENERGY STAR Homes Consultant

Exclusions: None

R10 Foundation Insulation: \$150

Requirements:

Foundation insulation must be full height and continuous around the entire perimeter of the foundation – including buffered areas such as garages. The home must be in a participating gas utility. The exception is for homes heated with a GSHP. In these cases, the home must also be in a participating electric utility.

Exclusions:

- Not eligible if combined with a geothermal system with electronic resistance back up heating.

Bonus Package 1. Forced Air Heating and Cooling: \$50

Requirements:

- 90% or greater AFUE forced air furnace with an ECM blower motor with multi stage heating.

- 15 SEER or greater central air conditioner meeting nominal SEER rating. The evaporator and condenser coil model number, serial number, and AHRI reference numbers are required for reward processing. Correct airflow and refrigerant charges are also required. All efficiency ratings will be verified using the AHRI database (www.ahridirectory.org).

- Thermal or Electronic Expansion Valve.

Exclusions:

- Not eligible if combined with a geothermal system with electronic resistance back up heating.

- Multi stage furnace motors that adjust the speed of AC motors are not eligible.

- Cannot be combined with any other "Bonus Package" Reward. Refer to www.focusonenergy.com/hvac for additional information.

- Cannot be combined with Focus on Energy's Efficient Heating and Cooling program rewards





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Bonus Package 2. Modulating Boiler: \$50

Requirements:

- 90% or greater AFUE natural gas-fired 300 MBtu/hr or greater modulating boiler
- Outdoor air reset control.
- Boiler must be used for space heating and domestic water heating.
- 15 SEER or greater central air conditioner meeting nominal SEER ratings. The evaporator and condenser coil model number, serial number, and AHRI reference numbers are required for reward processing. Correct airflow and refrigerant charges are also required. All efficiency ratings will be verified using the AHRI database (www.ahridirectory.org).
- Thermal or Electronic Expansion Valve is also required.

Exclusions:

- Cannot be combined with any other "Bonus Package" Reward. Refer to www.focusonenergy.com/hvac for additional information.
- Not eligible if combined with a geothermal system with electronic resistance back up heating.
- Cannot be combined with Focus on Energy's Efficient Heating and Cooling program rewards

Bonus Package 3. Water Heater: \$100

Requirements:

- .64 to .79 Energy Factor or 90% or greater Thermal Efficiency. Water Heater must be a natural gas, sealed combustion, power vented, condensing unit. Qualifying model numbers based on GAMA database.
- Technical requirements of Bonus Package 1 or 2 above.

Exclusions:

- Cannot be combined with any other "Bonus Package" reward. See www.focusonenergy.com/Incentives/Residential/Cash-Back_Rewards/waterheater.aspx for additional information.
- Not eligible if combined with a geothermal system with electronic resistance back up heating.
- Commercial water heaters
- Cannot be combined with Focus on Energy's Efficient Heating and Cooling program rewards

Forced Air Furnace With an Electronically Commutated Motor (ECM) Equipped Blower: \$250

Requirements:

- 90% AFUE furnace with multi stage heating with an ECM Motor

Exclusions:

- Not eligible if combined with a geothermal system with electronic resistance back up heating.
- Two stage or multi stage furnace motors that adjust the speed of AC motors are not eligible. Qualifying model numbers based on AHRI database (www.ahridirectory.org).
- Cannot be combined with Focus on Energy's Efficient Heating and Cooling program rewards

Drain Water Heat Recovery: \$100

Requirements:

Limit 2 per building. Consultant must verify the installation of either the GFX, Power Pipe or ReTherm systems placed on a shower or bathtub drain line.

Exclusions: None



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Refrigeration Institute

Structured Plumbing: \$200

Requirements:

Hot water piping design should consider the best practice design guidelines available at:

http://www.focusonenergy.com/files/Document_Management_System/Residential_Programs/plumbingsystems_guidelines.pdf

Components: 3/4-inch min recirculation loop returning to the water heater from the hot water trunk. A "momentary" hardwired or wireless switch, located in all bathrooms and the kitchen. System must have circulation pump located between the water heater and the last fixture served, tied in with a "thermal sensor" to shut off pump after the water has been circulated. Electrical circuit must also have safeguards to prevent excessive run times. System design specs available at: <http://www.gothotwater.com>. The home must be in a participating gas utility. The exception is for homes heated with GSHP. In these cases, the home must be in a participating electric utility.

Exclusions:

- Not eligible if combined with a geothermal system with electronic resistance back up heating.

Solar Hot Water Renewable Ready Construction: \$100

Requirements:

Refer to the Renewable Ready Construction Pre-Qualification/Site Verification and Reward Form for specific information.

All penetrations through the pressure boundary must be air sealed.

Exclusions: None

Solar Electric Renewable Ready Construction: \$100

Requirements:

Refer to the Renewable Ready Construction Pre-Qualification/Site Verification and Reward Form for specific information.

All penetrations through the pressure boundary must be air sealed.

Exclusions: None

Bonus Renewable Installation: \$175

Requirements:

Bonus reward for the installation of solar hot-water and/or solar PV electrical system(s).

Exclusions: None

Active Sub-Slab Moisture Management and Ventilation System: \$250

Requirements:

Components: Minimum of 3 to 4 inches of 3/4-inch gravel base under the slab. Must have minimum of 3 inch diameter, interior drain tile around entire perimeter, located as close to the footing as possible. Drain tile system must be fully enclosed with no direct connection to outside air. Drain tile connected above the slab with a minimum 3 inch diameter Schedule 40 piping running vertically. This vertical pipe must include a water manometer visible for verification of sub-slab depressurization. Rigid piping to exit conditioned space and terminate through the highest section of the roof system. This section of piping to include a continuous running fan having a minimum capacity of 100 CFM @0.20 in/wc. System must comply with all applicable building codes.

Exclusions: None



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ENERGY STAR Lighting Fixture Package: \$75

Requirements:

\$15 per fixture, maximum 5 fixtures. Lighting fixtures must be ENERGY STAR qualified as listed on the EPA's list of qualified ENERGY STAR products. Cash Back Reward can only be processed after the home has been certified and the consultant has cross referenced the fixture model number with the aforementioned list of qualified fixtures, and has confirmed that the fixtures have been installed. The builder or lighting distributor must submit the completed Wisconsin ENERGY STAR Lighting Application to Focus on Energy for payment. The consultant must verify that the fixtures have been installed at Site Visit 3. If the lighting distributor is submitting the application they must first complete and submit a completed Market Provider Agreement and W9 IRS form.

Application: <http://www.focusonenergy.com/General/homepartners/forms.aspx>

Exclusions: None

ENERGY STAR CFL Light Bulb Package: \$80

Requirements:

\$2 per bulb, maximum 40 bulbs. Bulbs must be ENERGY STAR qualified as listed on the EPA's list of qualified ENERGY STAR products. Cash Back Reward can only be processed after the home has been certified and the consultant has cross referenced the bulb model number with the aforementioned list of qualified products, and has confirmed that the bulbs have been installed. The builder or lighting distributor must submit the completed Wisconsin ENERGY STAR Lighting Application to Focus on Energy for payment.

Application: <http://www.focusonenergy.com/General/homepartners/forms.aspx>

Exclusions: None

Contact Information

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