

2012 Colorado Gas Affordable Homes New Construction Program

HOW TO GET LOWER ENERGY BILLS

Black Hills Energy wants to ensure that qualifying families receive energy-efficient homes that won't break the budget. Through the Affordable Homes Program, non-profit affiliates such as Habitat for Humanity, Humanity and the Community Resources and Housing Development Corp. can receive a \$1,500 rebate from Black Hills Energy.

Rebate Checklist

Receive your rebate check faster by checking off these easy steps before mailing your application form. Incomplete applications may be delayed.

- Fully complete application, including all sizes, make, model, serial number, etc. as requested
- Attach all receipts
- Review Terms and Conditions; sign and date application
- Make and keep copies of all documents and application
- Send all documents to correct address listed on application

Terms And Conditions

General Eligibility

- New home must be in a Black Hills Energy – Colorado Gas service territory and be an active account.
- **Homes must be completed between Jan. 1, 2012 and Dec. 31, 2012. Applications for work done must be received by Jan. 31, 2013.**
- Applications will be processed on a first-come, first-served basis. The program will end when the budget is depleted. Funds are limited.
- This program is subject to regulatory rules and orders. Black Hills Energy reserves the right to change or to end any portion of this program without notice.

Improving life with energy



Qualifying Equipment For Rebates

FEATURE	EFFICIENCY REQUIREMENT
Natural Gas Heating Equipment	<ul style="list-style-type: none"> ■ 94% AFUE furnace, or ■ 85% AFUE boiler or ■ 0.84 CAE integrated space and water heater
Thermostat	<ul style="list-style-type: none"> ■ Programmable thermostat; 5-1-1, 5-2 or 7-day.
Ductwork Insulation Leakage	<ul style="list-style-type: none"> ■ ≥ R-6 on ducts in unconditioned spaces ■ ≤ 4 CFM to outdoors per 100 sq ft ■ All sheet metal joints, supply and returns should be sealed with duct mastic, aluminum foil tape or other approved sealant
Envelope Measures	<ul style="list-style-type: none"> ■ R-38 ceiling insulation ■ R-19 or R-13 + 5 wall insulation ■ R-30 floor insulation (above unheated space) ■ R-10 slab insulation, 4 ft depth ■ R-10 continuous, or R-13 cavity foundation insulation ■ R-5 doors
Infiltration	<ul style="list-style-type: none"> ■ ≤ 5 ACH50 (air changes per hour at 50 Pascal) based on blower door test ■ To ensure consistent exchange of indoor air, whole-house mechanical ventilation is recommended
Windows Maximum Window Area	<ul style="list-style-type: none"> ■ ENERGY STAR qualified windows ■ ≤ 18% of above-grade conditioned floor area
Water Heater	<ul style="list-style-type: none"> ■ ≥ 0.67 EF, or ■ ≥ 0.84 CAE integrated natural gas space and water heater
Natural Gas Appliances	Recommended but NOT required:
Oven/Ranges	<ul style="list-style-type: none"> ■ Oven with convection
Clothes Washers	<ul style="list-style-type: none"> ■ ENERGY STAR qualified model
Dishwashers	<ul style="list-style-type: none"> ■ ENERGY STAR qualified model
Clothes Dryers ¹	<ul style="list-style-type: none"> ■ Dryer with moisture sensor

QUALIFICATIONS

Non-profit homes can use one of the following methods to qualify for rebates under this program. All program homes must have natural gas space and water heating systems. Those systems must meet the minimum standards established for the other Black Hills Energy programs (≥ 94% AFUE for furnaces and EF of 0.67 or higher for water heaters, depending on size). Program qualification can be verified by:

1. Adherence to Black Hills Energy's recommended prescriptive standard and have a Builder Option Package (BOP)² inspection performed (see chart to the left).
2. Homes can also receive an ENERGY STAR label based on home performance. Home performance is demonstrated through a ENERGY STAR v3.0 home performance guidelines for the Home Energy Rating System (HERS).

DISCLAIMER

Black Hills Energy does not guarantee that installation of equipment qualifying for rebates will result in reduced energy usage or demand, or in cost savings. The Customer will hold harmless Black Hills Energy and its officers, directors, shareholders, agents, employees, and representatives from all claims, liabilities, fines, interest, costs, expenses, and damages incurred by the Customer, for any damage, injury, death, loss or destruction of any kind to persons or property, to the extent the damage, injury, death, loss or destruction arises out of or is related to the conduct, negligence, willful misconduct, misrepresentation, breach of warranty or other breach of this rebate form on the part of Black Hills Energy.

¹When purchasing, look for a clothes dryer with a moisture sensor in the drum that automatically shuts off the machine when clothes are dry to save as much as 15% of the energy used for timed clothes drying. Also look for a clothes dryer with a cool-down period that completes the clothes drying process using cool air rather than heated air.

² BOPs are a set of prescriptive requirements provided by the EPA that if adhered to, indicate the home will perform to the ENERGY STAR efficiency standards. Homes must be inspected to be labeled ENERGY STAR. To qualify for the Black Hills Energy program, homes must meet the equipment efficiency requirements as well as the BOP requirements.

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Customer Information

(To be completed by non-profit affiliate)

Account Number (Located in upper right-hand corner of Black Hills Energy natural gas bill)

Home Owner _____
(Please print)

Installation Address _____

City _____ State _____ ZIP _____

Construction Start Date _____

Construction Completion Date _____

Where did you learn about our rebates?

- Bill insert E-mail Event Billboard Flyer Utility website
 Radio Print Ad Newspaper Article Door Hanger

Referral by: Evaluator Contractor/Dealer/Installer

Friend/Family Other Referral (please specify) _____

Other (please specify) _____

AFFILIATE CERTIFICATION

We certify that the indicated equipment was installed per the Terms and Conditions of this program at the address shown. All Terms and Conditions of the program have been met. We certify that all equipment information provided in the application is correct. Black Hills Energy reserves the right to inspect and verify any equipment before or after issuing rebates.

Affiliate Name _____
(Please print)

Affiliate Address _____

City _____ State _____ ZIP _____

Contact Name _____

Telephone _____

Fax _____

E-mail _____

Affiliate Signature _____

Date _____

Mail completed application and itemized invoices to:

Black Hills Energy
c/o Energy Efficiency Programs
P.O. Box 5167
Des Moines, IA 50305

ADDITIONAL INFORMATION

For more information or to download additional applications visit www.BHEhowto.com or call our toll-free Energy Efficiency Programs hotline at **888-567-0799**.

New Construction

(All information is required)

Square footage of home _____

Does home have central air? Yes No

Clothes Dryer Natural Gas Electric None

SIZE & EFFICIENCY LEVEL OF NATURAL GAS HEAT

Furnace OR Boiler

BTUH Input _____ AFUE _____

Mfr _____ Model # _____

SIZE & EFFICIENCY LEVEL OF NATURAL GAS WATER HEATER

Gallons _____ EF _____

Mfr _____ Model # _____

ENERGY STAR OR QUALIFIED WASHING MACHINE*

Mfr _____ Model # _____

ENERGY STAR OR QUALIFIED DISHWASHER*

Mfr _____ Model # _____

HIGH-EFFICIENCY DRYER*

Mfr _____ Model # _____

Certification

To be completed by a certified BOP-inspector or Home Energy Rater.

BOP Inspection

Black Hills Energy Prescriptive Standard

Building Option Package: _____ Climate Zone _____

Passed Failed BOP Number _____

BOP Inspector _____

Inspection Date _____

OR

Home Energy Rating

HERS Score _____

HERS Inspector _____

HERS Inspection Date _____

* Clothes washer, dryer and dishwasher information required if installed.

