

# 2011-2012 High-Efficiency Cooling Program

Black Hills Energy – Colorado Electric Residential Rebate Application

## HOW TO GET LOWER ENERGY BILLS

*Installing energy-efficient technology is a smart way for Residential customers to lower energy bills and enjoy the long-term savings and increased comfort by installing energy-efficient measures.*

### Rebate Checklist

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

- Completely fill out application
- Attach all receipts
- Review Terms and Conditions and sign and date application
- Make and retain copies of all documents and application
- Send all documents to correct address listed on application
- Dealer portion completely filled out and signed

#### Return Application and Final Itemized Invoice To:

Black Hills Energy  
c/o Energy Efficiency Programs  
PO Box 5167  
Des Moines, IA 50305

#### ADDITIONAL INFORMATION

For more information or to download additional applications visit [www.BHEhowto.com](http://www.BHEhowto.com) or call our toll-free Energy Efficiency Programs hotline at **888-567-0799**.

### Terms and Conditions

#### General Eligibility

- Applicant must be a current Colorado electric residential customer of Black Hills Energy.
- Purchase and installations must be completed between July 1, 2011 and June 30, 2012. Applications for work done during this program year must be received by July 31, 2012.
- 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, and Black Hills Energy reserves the right to change or to end any portion of this program without notice.
- Black Hills Energy is not responsible if your contractor provides inaccurate information about the amount and/or conditions of the actual rebate or equipment eligibility.
- To avoid delay, the dealer invoice returned with your rebate application must include manufacturer, model and serial number, efficiency rating and date of installation. Equipment cost, labor and tax must be itemized.
- New equipment must be installed on the premises and must not be purchased for resale. You must purchase and install your evaporative cooling unit prior to submitting rebate application.
- The Air Conditioning Heating and Refrigeration Institute's (AHRI) Unitary Directory is used to identify product classification, determine efficiency ratings and confirm matched systems. Non-matched assemblies are not certified by the AHRI and are not eligible for rebate. The AHRI directory may be found at [www.ahridirectory.org](http://www.ahridirectory.org).
- A dated sales receipt/invoice from the contractor (not the distributor or equipment manufacturer) MUST accompany the rebate application, and it must include the following information: Purchase date; Customer name; Installation address; Equipment manufacturer; Condenser model and serial numbers; Evaporator coil model and serial numbers; Furnace model and serial numbers (if applicable).
- Checks will be made payable to customer shown on invoice.
- To qualify for the rebate, cooling equipment must meet minimum efficiency requirements as listed in this application.
- Black Hills Energy will randomly inspect installations to ensure measures are implemented properly.

## QUALIFYING EQUIPMENT FOR REBATES

Equipment Type	Efficiency	Rebate Amount
Air-Source Heat Pump Split System	■ 15 SEER $\geq$ 8.5 HSPF	\$400
Central Air-Conditioner (CAC) Split System	■ 15 SEER, 12.5 EER	\$400
High Efficiency Evaporative Cooler*	■ ISR air flow rating 2,500 CFM or greater	Up to \$200
High Efficiency Evaporative Cooler*	■ Central duct system Media saturation effectiveness 85% or greater.	\$400

\*Qualifying Evaporative Cooler lists are found on [www.BHEHowto.com](http://www.BHEHowto.com)

### VERIFICATION

The sales receipt indicating date of purchase, dealer/contractor name, manufacturer name and model number of equipment must accompany the rebate application. Incomplete applications will be delayed. Black Hills Energy reserves the right to verify sales receipts and installations and to conduct random inspections to verify installation of the equipment at the address indicated on rebate application. The customer agrees to provide reasonably access to the residence to inspect the HVAC system installed. Inspections may be performed after the rebate payment at the company's discretion up to one year after date of application. After approval, please allow four to six weeks for delivery of the rebate check.

### TAX INFORMATION

Rebates may be subject to federal and/or state income tax reporting. Applicant is responsible for contacting a qualified tax advisor to determine tax liability. Black Hills Energy is not responsible for any tax consequences of the rebate program.

### 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.

### SELECTING THE RIGHT EQUIPMENT

Customer must select a new system with an over all efficiency as shown in the table above. The system must be matched, which means the outdoor condenser unit and the indoor evaporator coil were designed by the manufacturer to work together to provide top performance and maximum efficiency. No commercial or mini-split (ductless) units allowed. Portable coolers or systems with vapor compression backup are not eligible, nor is used or reconditioned equipment.

The use of a furnace's variable speed fan to increase the SEER rating above the nominal rating will be allowed for determining rebate eligibility provided that the customer simultaneously purchased and installed a new furnace and air conditioner. The over all furnace and air conditioning rating must be found in the AHRI directory.

### ADDITIONAL INFORMATION

**CFM** = Cubic Feet per Minute

**EER** = Energy Efficiency Ratio

**HSPF** = Heat Seasonal Performance Factor

**ISR** = Industry Standard Rated

**SEER** = Seasonal Energy Efficiency Ratio

# 2011-2012 High-Efficiency Cooling Program

Black Hills Energy - Colorado Electric Residential Rebate Application

## Customer Information

(To be completed by customer)

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

--	--	--	--	--	--	--	--	--	--

Name (if different) \_\_\_\_\_  
(Please print)

Name on Account \_\_\_\_\_

Installation Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone: Day \_\_\_\_\_ Evening: \_\_\_\_\_

Customer Type:  Homeowner  Tenant  Builder

Landlord  Other \_\_\_\_\_

Name/Address where rebate check should be sent, if different

Name \_\_\_\_\_  
(Please print)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Evaporative Cooler Self Installed

### Where did you learn about our rebates?

Radio  Print Ad  Newspaper Article  Door Hanger

Referral by:  Auditor  Contractor/Dealer/Installer

Friend/Family  Other (please specify) \_\_\_\_\_

Bill insert  E-mail  Event  Billboard  Flyer  Utility website

Other (please specify) \_\_\_\_\_

## CUSTOMER AGREEMENT

I certify that I have read and agree to the terms and conditions of the energy efficiency program offered by Black Hills Energy.

Customer Signature \_\_\_\_\_

Date \_\_\_\_\_

## HOME OWNER

Name \_\_\_\_\_  
(Please print)

## Dealer Information

(To be completed by dealer/contractor for equipment installed by dealer/contractor)

Name \_\_\_\_\_  
(Please print)

Dealer Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Telephone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

What was the calculated cooling load for the installed equipment?

\_\_\_\_\_ tons

How was this calculated?

Software package (describe) \_\_\_\_\_

Estimation Tool (describe) \_\_\_\_\_

## CONTRACTOR CHECKLIST

- Complete a load calculation to determine the size of the system installed. (Be sure to keep a copy of the calculation with your customer's file. You will be asked to provide this information if your installation is selected for inspection.)
- Fill out all required information on the application
- Verify the AHRI reference number and SEER and EER rating of the installed equipment. List this information under the Equipment and Installation Information section above
- Provide a dated sales receipt/invoice containing all required information listed in the application instructions.
- Sign and date rebate application

## DEALER 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. Attach copy of all invoices and related materials to rebate form.

Dealer Signature \_\_\_\_\_

Date \_\_\_\_\_

# 2011-2012 High-Efficiency Cooling Program

Black Hills Energy - Colorado Electric Residential Rebate Application

## Equipment Information

(To be completed by dealer/contractor for equipment installed by dealer/contractor) Complete information for the applicable rebate you are applying for:

		Outdoor Unit			Inside Unit	
Purchase Date	Install Date	Equipment Type	Manufacturer	Model #/ Serial #	Manufacturer (Mix- Match)	Model #/ Serial #
EXAMPLE: April 12, 2012	June 15, 2012	Duel Split System	Armana Heating & A/C	ASC130421A/5689B	Advanced Distributor	HD19460/3698Z
<b>Cooling</b>						
Furnace Model	Capacity (Btuh)	EER	SEER	HSPF	AHRI Reference #	Rebate Amt
A*V81155	40500	12.5	15	8.9	920763	\$400
<b>High Efficiency Evaporative Cooler</b>						
Purchase Date	Install Date	Manufacturer	Model # (FULL)	Serial #	ISR/CFM or Media saturation effec- tiveness	Rebate Amt
April 12, 2012	June 15, 2012	Essick	N 37 W	AP124567	3300 CFM	\$195

## Installing and Testing the Equipment

In order to verify that the equipment has been properly installed, the contractor must activate the system and perform tests relating to the airflow and refrigerant charge. These tests can only be conducted when the outdoor (ambient) temperature is at 70 degrees or higher. Rebate applications may not be submitted until the equipment has been tested. Using alternative test environments such as blocking the condenser will result in a denied rebate. If a qualifying system is purchased and installed on or before December 31, 2011, but conditions do not allow for equipment testing at the time of installation, the customer will be still be eligible for the rebate as long as testing is completed and the application submitted by July 31, 2012.

## Facility Information

(Information is mandatory)

**Type of Facility:**  New  Existing  Addition

Year Built \_\_\_\_\_ Square Footage \_\_\_\_\_

Own  Rent

Single-Family  Manufactured home  Apt./Condo

**Equipment Type:**  New  Replacement

**Installation Type:**  First cooling system in the home

Replacing existing Evaporative Cooler

Replacing Central A/C System

Where is unit installed?  Attic  Ground  Roof

Remote thermostat?  Yes  No

Programmable thermostat?  Yes  No