



## COOLING EQUIPMENT REBATE APPLICATION

### Business Customer Information

Company name \_\_\_\_\_ Date submitted \_\_\_\_\_  
 Billing address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Installation address (if different) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Contact name (print) \_\_\_\_\_ Day Phone \_\_\_\_\_ E-mail\* \_\_\_\_\_

\*By providing your e-mail address, you are granting Xcel Energy permission to send further e-mails regarding our programs and services.

Xcel Energy electric premise number

Zone:  Front Range  Western Slope

Please indicate the primary use for this location:

- Office  Education – community college  Health/medical – clinic  
 Retail  Education – secondary college  Health/medical – hospital  
 Lodging  Education – university  Other \_\_\_\_\_

\* Equipment used for non-space conditioning should go through our Custom Efficiency program and be preapproved prior to purchase.

I verify the information on this application is correct and request consideration for participation in this program.

**Customer signature** \_\_\_\_\_ **Date** \_\_\_\_\_

Customer hereby certifies that: 1. the customer, and not Xcel Energy is solely responsible for the accuracy of the information contained in this application; 2. all installation is complete and operational prior to submitting rebate; and 3. all rules of this Xcel Energy program have been followed. Further, the customer acknowledges that participation in this rebate program shall impose no liability on Xcel Energy. In particular, Xcel Energy shall not be liable for the work performed by the customer's engineer, contractor, or vendor.

**Xcel Energy account manager** \_\_\_\_\_

### Alternative Rebate Recipient

Note: Complete this section only if customer wants rebate check to go to someone other than the company tied to the account number:

**Company name** \_\_\_\_\_ **Contact name** \_\_\_\_\_ **Phone no.** \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

I authorize the above company to receive the rebate check for this project.

Customer signature \_\_\_\_\_ Date \_\_\_\_\_

### HVAC Contractor Information

Contractor name \_\_\_\_\_ Contractor contact name \_\_\_\_\_  
 Contractor address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Daytime phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail\* \_\_\_\_\_

\*By providing your e-mail address, you are granting Xcel Energy permission to send further e-mails regarding our programs and services.

## Rebate Rules and Requirements

### Qualifying Customers

- The Xcel Energy Cooling Efficiency program is available to Xcel Energy business electricity customers in Colorado.

### Cooling Rebate Rules

- Xcel Energy offers a cash rebate to customers who purchase and install qualifying cooling equipment. Qualifying levels are detailed in this application and must be verified by manufacturer or ARI specifications. Xcel Energy expects that the customer will operate energy efficient equipment at the manufacturer's specified efficiency levels. Xcel Energy reserves the right to limit any rebate or make adjustments to correct incentive calculations if necessary.
- Rebates apply only to new cooling equipment. Used, rebuilt or refurbished equipment is not eligible for Cooling Efficiency rebates.
- Documents establishing proof of purchase (invoice) must be furnished when the original rebate application is completed.
- If not indicated on the invoice, please add the number of units installed, manufacturer, model number and capacity (in tons).
- Unless otherwise indicated on the rebate form all efficiencies must be rated at the most recent ARI standards.
- No rebates will be provided for backup systems. Backup systems are defined as a separate chiller that is required only when one of the primary chillers fail.
- Cooling equipment must use a minimum ozone-depleting refrigerant such as R-22, R-123, and R-134.
- If equipment efficiency is in SEER where the application asks for EER, multiply SEER by 0.855 to calculate EER rating.

### Water Cooled Chiller Rebate Rules

- Include the manufacturer's data sheet with the rebate application for chillers. The data sheet should include full load efficiency, part load efficiencies and testing conditions.

### Oversized Cooling Tower Rebate Rules

- Rebate is paid per nominal tower ton.
- Only new towers for electric chillers are eligible.
- For purposes of determining rebate eligibility, design condensing water flow rate must be 3.0 gallons per minute per ton.
- Design condensing water temperature to chiller must be 84 degrees F or less.
- Cooling tower size must be larger than that which would be used to achieve a design condensing water temperature to the chiller of 85 degrees F at 78 wet bulb temperature.
- The brake horsepower per cell of tower fans must not increase compared to the tower, which would deliver 85-degree design condensing water temperature.

### Variable Air Volume Conversion Rebate Rules

- Rebate is paid per VAV box. One box must serve each air handling unit zone.
- The installation must be in an existing air handling zone, which is being converted from constant volume air handlers.
- The zone must be air conditioned by electric cooling equipment.
- Only new VAV boxes (without fans) for retrofit applications can qualify.
- Supply and return fans (if return fans are used) serving the VAV zones must be equipped with adjustable speed drives.
- Appropriate controls to reduce fan energy usage must be included.

### Split System Rebate Rules

- You must purchase both the condensing unit and A-coil to receive a rebate. Efficiencies will be based on the condensing unit and A-coil combination.

### General Xcel Energy Rebate Rules

- Rebate plans are available to existing Xcel Energy direct-billed electricity commercial and industrial customers in Colorado only.
- Rebates are available for equipment purchased and installed after 01/01/2006 only. No rebates will be processed for invoices dated prior to this date.
- No rebates will be given for equipment or designs that do not comply with Xcel Energy Cooling Efficiency program rebate rules or local, state or federal regulations.
- This rebate form and these standards go into effect 01/01/2006 and supersede all previous program materials. This rebate program will be in effect for an indefinite period, but is subject to 60 days notice of change or cancellation. The customer is responsible for checking with Xcel Energy to determine whether the program is still in effect.
- Xcel Energy reserves the right to inspect installations before issuing rebates.
- Xcel Energy is not responsible for any lost, late, stolen, illegible, misdirected or postage due mail. All completed submissions become the property of Xcel Energy and will not be returned. Warning - Fraudulent submission of form may result in federal prosecution for mail fraud under 18 USC sections 1341, 1342.
- Customers must apply for rebates within one year of the units' installation date shown on the customer's invoice.
- Xcel Energy will issue rebates in the form of checks, not utility bill credits. Xcel Energy will issue rebates when the total amount is greater than or equal to \$5.00.

Contact the Business Solutions Center at 1-800-481-4700 or by e-mail [bsc@xcelenergy.com](mailto:bsc@xcelenergy.com) for more information.

## COOLING EFFICIENCY

### How to Apply for Rebates

1. Fill out the rebate application. Please note the application process section in the Rules and Requirements section on page 2 of this form. (All information needs to be supplied before a rebate check can be issued.)
2. Mail or fax completed and signed rebate form along with the original paid invoices to:  
Xcel Energy, Rebate Operations, P.O. Box 829, Minneapolis, MN 55440-0829, Fax: 612-330-5675

REBATE LEVELS AND REQUIREMENTS	MINIMUM TO QUALIFY		INCREMENTAL REBATE	
		Base rebate per ton	Increment	Incr. rebate per ton
<b>PTACs</b>	11.0 EER	\$ 50.00	0.1 EER	\$ 4.00
<b>Water-Source Heat Pumps</b>	14.0 EER	\$ 50.00	0.1 EER	\$ 4.00
<b>Rooftop AC Units</b>				
< 65,000 BTUH (<5.4 tons)	13.5 SEER	\$ 50.00	0.1 SEER	\$ 4.00
65,000 - 135,000 (5.5 - 11.3 tons)	11.0 EER	\$ 50.00	0.1 EER	\$ 4.00
135,000 - 240,000 (11.4 - 19.9 tons)	10.8 EER	\$ 50.00	0.1 EER	\$ 4.00
240,000 - 760,000 (20 - 63.3 tons)	9.8 EER	\$ 50.00	0.1 EER	\$ 4.00
> 760,000 (> 63.3 tons)	9.5 EER	\$ 50.00	0.1 EER	\$ 4.00
<b>Condensing Units</b>				
≥ 65,000 BTUH and ≥ 5.4 tons	11.0 EER	\$ 25.00	0.1 EER	\$ 4.00
<b>Split Systems</b>				
< 65,000 BTUH and < 5.4 tons	14.0 SEER	\$ 25.00	0.1 SEER	\$ 3.00
<b>Variable Air Volume (VAV) Boxes</b>	Replace CAV	\$200 / box		
<b>Cooling Towers</b>	Oversized	\$3 / ton		
<b>Chillers - Scroll or Rotary Screw</b>				
< 150 Tons	0.65 kW / ton	\$ 10.00	0.01 kW / ton	\$ 3.00
≥150 tons and < 300 tons	0.64 kW / ton	\$ 10.00	0.01 kW / ton	\$ 3.00
<b>Air Cooled Chillers</b>	10.0 EER	\$ 8.00	0.1 EER	\$ 2.00
<b>Chillers - Water Cooled Centrifugal*</b>	Must improve on ASHRAE baseline by 0.016 kW/ton	\$ 12.00	0.01 kW / ton	\$ 3.00

\* Determine ASHRAE baseline at [www.hvacr.wisc.edu/tools.htm](http://www.hvacr.wisc.edu/tools.htm) using the "Non-standard Chiller Efficiency Calculator." **Print the Web page** with your calculations and submit it with your application.

### Warranty information

Warranties are between the customer and the equipment manufacturer(s). Xcel Energy makes no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. Xcel Energy does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded

under this program. In no event shall Xcel Energy be liable for any incidental or consequential damages. Xcel Energy is not responsible for the disposal of motors replaced as a result of this program.

**PLEASE ALLOW 6-8 WEEKS FOR REBATE CHECK TO ARRIVE.**

### ■ PACKAGED TERMINAL AIR CONDITIONERS (PTAC)

No. of units	Manufacturer	Model no.	Tons / unit	EER	Item rebate
(Base: \$50 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					
(Base: \$50 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					

<sup>a</sup> = [Equipment EER (from vendor) — Min. qualifying EER/SEER (from table of Min. Qualifying Criteria)] ÷ 0.1

### ■ WATER-SOURCE HEAT PUMPS

No. of units	Manufacturer	Model no.	Tons / unit	EER	Item rebate
(Base: \$50 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					

<sup>a</sup> = [Equipment EER (from vendor) — Min. qualifying EER/SEER (from table of Min. Qualifying Criteria)] ÷ 0.1

### ■ ROOFTOP AC UNITS

No. of units	Manufacturer	Model no.	Tons / unit	EER	Item rebate
(Base: \$50 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					
(Base: \$50 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					

<sup>a</sup> = [Equipment EER (from vendor) — Min. qualifying EER/SEER (from table of Min. Qualifying Criteria)] ÷ 0.1

### ■ CONDENSING UNITS > 5.4 TONS / 65,000 BTUH

No. of units	Manufacturer	Model no.	Tons / unit	EER	Item rebate
(Base: \$25 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					
(Base: \$25 x _____ tons = \$ _____) + (Efficiency: \$4 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____					

<sup>a</sup> = [Equipment EER (from vendor) — Min. qualifying EER/SEER (from table of Min. Qualifying Criteria)] ÷ 0.1

### ■ SPLIT SYSTEMS <5.4 TONS / 65,000 BTUH

No. of units	Manufacturer	Model no.	Tons / unit	SEER	A-coil model no.	Item rebate
(Base: \$25 x _____ tons = \$ _____) + (Efficiency: \$3 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____						

<sup>a</sup> = [Equipment SEER (from vendor) — Min. qualifying SEER (from table of Min. Qualifying Criteria)] ÷ 0.1

■ VARIABLE AIR VOLUME (VAV) BOXES			
No. of units	Manufacturer	Model no.	Item rebate
_____ Units x \$200 = \$ _____			

■ CHILLERS – ROTARY OR SCROLL						
No. of units	Manufacturer	Model no.	Tons / unit	Efficiency (kW / ton)	NPLV	Item rebate
(Base: \$10 x _____ tons = \$ _____) + (Efficiency: \$3 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____						

<sup>a</sup> = [Min. qualifying kW / ton (from table) – Equipment kW / ton (from vendor)] ÷ 0.010

■ CHILLERS – CENTRIFUGAL						
No. of units	Manufacturer	Model no.	Tons / unit	Efficiency (kW / ton)	NPLV	Item rebate
(Base: \$12 x _____ tons = \$ _____) + (Efficiency: \$3 x _____ <sup>a</sup> x _____ tons = \$ _____) = \$ _____						
Oversized cooling tower = \$3 x _____ nominal tower tons = \$ _____						

<sup>a</sup> = [Min. qualifying kW / ton (from table) – Equipment kW / ton (from vendor)] ÷ 0.010

■ AIR COOLED CHILLER						
No. of units	Manufacturer	Model no.	Tons / unit	EER	NPLV	Item rebate

(Base: \$8 x \_\_\_\_\_ tons = \$ \_\_\_\_\_) + (Efficiency: \$2 x \_\_\_\_\_<sup>a</sup> x \_\_\_\_\_ tons) = \$ \_\_\_\_\_

<sup>a</sup> = (Equipment EER – Minimum Qualifying EER) x 10

■ TOTAL REBATES	
No. of units	Total rebates listed above

Xcel Energy retains the right to limit rebates or make adjustments to correct incentive calculations if necessary. Energy savings calculations are estimates and may vary from actual results.

**Important:** Copies of all invoices and this completed application form are required before Xcel Energy can issue rebates. See Program Guidelines for additional information.

**FOR OFFICE USE ONLY. DO NOT WRITE IN THE SPACE BELOW.**

Sales representative \_\_\_\_\_ ID # \_\_\_\_\_ Date \_\_\_\_\_ Sector \_\_\_\_\_

kW/revenue calculations. Sales reps, please complete the cooling calculator along with the application.

Rebate Ops Signature \_\_\_\_\_ Date \_\_\_\_\_



1-800-481-4700  
xcelenergy.com

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