



Internal use only
Xcel Energy OID

Prescriptive Program Rebate Application

Data Center Efficiency

Business customer information

Xcel Energy premises numbers: electric: _____ and/or gas: _____

Company name _____ Date submitted _____

Installation address _____ City _____ State _____ ZIP _____

Mailing address _____ City _____ State _____ ZIP _____
(For rebate if different from installation address)

Contact Name _____ Phone _____

Contact Email* _____ Fax _____

Equipment location description (required) _____

The total project cost: \$ _____
(Acceptable expenses include equipment and labor and do not include tax, freight or shipping costs.)

Customer signature _____ Date _____

This signature is required from the individual tied to the Xcel Energy premises number herein. By signing here, I acknowledge the information in this application is accurate and complete. I confirm I have read, agree with and understand the terms and conditions on page 2 of this application. I also authorize Xcel Energy to provide a copy of the project preapproval notification to the equipment supplier or vendor so as to expedite the project process.

Alternative rebate recipient

Complete this section only if the customer wants the rebate check to go to someone other than the customer contact tied to the premises number above.

Company name _____ Contact name _____

Address _____ Phone _____

City _____ State _____ ZIP _____

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

Customer signature _____ Date _____

Xcel Energy account representative name _____ Signature _____

Trade partner information (vendor/contractor information)

Company name _____ Trade partner ID# _____

Contact name _____

Address _____ City _____ State _____ ZIP _____

Contact email* _____ Phone _____

*By providing your email address, you are granting Xcel Energy permission to send updates or questions via email regarding this project as well as future emails regarding our programs and services.

Prescriptive program rules and requirements

Qualifying customers

Xcel Energy prescriptive rebate programs are available to Xcel Energy business electric and/or gas customers that install qualifying equipment in Xcel Energy's Minnesota service territory.

How to apply for rebates

1. Fill out the rebate application (for each installation address).
2. Attach a copy of the paid, itemized invoice(s). Be sure that the quantity, make, model number and unit price of each item appears on the invoice.
3. Make a copy of this document for your records.
4. If you have questions please contact your Xcel Energy account manager or one of our energy efficiency specialists at 855-839-8862 to discuss and/or complete the project application form.
5. You can email your completed project paperwork to: **energyefficiency@xcelenergy.com**, or mail to: **Energy Efficiency Specialist, Business Solutions Center, P.O. Box 8, Eau Claire, WI 54702-0008**.
6. Once completed paperwork is submitted, rebate payments are usually made in six to eight weeks after the rebate application has been processed.

Rules and requirements

- All equipment must be new. **Used or rebuilt equipment is not eligible for a rebate.**
- Equipment must meet program specification requirements and be purchased, installed and operating prior to submitting an application for a rebate. Xcel Energy reserves the right to withhold payment for products that do not meet the requirements.
- Rebates cannot exceed 60 percent of the project cost (including equipment and labor).
- A signed application and detailed installation invoice(s) must be completed and submitted to Xcel Energy within 12 months of the invoice date.
- Xcel Energy is not responsible for any lost, late, stolen, ineligible, illegible, misdirected or postage-due mail.
- All completed submissions become the property of Xcel Energy upon receipt and will not be returned.
- Xcel Energy will issue a rebate in the form of a check.
- Xcel Energy reserves the right to conduct a random on-site inspection of your project before or after issuing a rebate. The customer agrees to provide reasonable access to inspect the installation. On-site inspections may be performed up to one year after the date the rebate check is issued. If Xcel Energy finds that the application does not comply with Xcel Energy rules and qualifications, any rebate amount may be adjusted, denied or subject to return.
- Program rules, requirements and offers are subject to changes at any time. Xcel Energy's prescriptive rebate programs are subject to 60 days notice of cancellation. Changes or notifications will be posted at xcelenergy.com/Rebates. The customer and trade partner are responsible for contacting an energy efficiency specialist to determine whether the program is still in effect and to verify program parameters. Call **855-839-8862** or email **energyefficiency@xcelenergy.com**.
- Xcel Energy reserves the right to refuse payment and participation if the customer or contractor violates program rules and procedures, or local, state or federal regulations. Xcel Energy is not liable for rebates promised to customers as a result of misrepresentation of the program.
- Xcel Energy's acceptance of the application does not guarantee payment of rebate.
- Xcel Energy retains the right to limit rebates or to make adjustments to correct incentive calculations if necessary. Energy savings calculations are estimates and may vary from actual results.

Virtual desktop infrastructure (VDI)

- Xcel Energy defines virtual desktop infrastructure (VDI) as a desktop computing architecture that centralizes the desktop operating system and applications environment from a physical machine to create a client server computing model. The user's desktop is hosted remotely and accessed via an access device over the network. The user no longer has a physical PC.
- Qualifying VDI installations may also be termed: thin client or zero client computing.
- Xcel Energy defines thin client computing as including a CPU, graphics coprocessor, RAM, or local storage like a hard drive, solid state drive; or simply flash memory.
- Xcel Energy defines zero client computing as no client-side processing or management; no CPU, no memory, no operating system, no drivers, no software and no moving parts.
- Multiseat desktop virtualization or presentation computing does not qualify for a rebate.
- Xcel Energy defines multiseat desktop virtualization as a method by which a common desktop PC, where extra keyboards, mouse, and video screens can be directly attached to it, can be used to install, load, and concurrently run multiple operating systems or applications for multiple users.
- Each VDI device must be a maximum of 17 watts to qualify.
- A copy of your detailed invoice must accompany rebate application showing manufacturer/model number. Also, please include a copy of the qualifying equipment specification sheet that shows the equipment's wattage or watts.

Data center efficiency custom rebate program

Equipment that is not eligible for prescriptive rebates can be submitted through the Data Center Efficiency custom rebate program. Custom rebates require application submittal before equipment order, purchase, or installation. Visit **xcelenergy.com/CustomEfficiency** to learn more. Please contact Xcel Energy with any eligibility questions.

Warranty information

- Xcel Energy does not endorse any particular manufacturer, product or system design by offering these rebates.
- Xcel Energy will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates; and does not expressly or implicitly warrant the performance of installed equipment (contact your contractor for detailed equipment warranties).
- Xcel Energy is not responsible for the proper disposal/recycling of any waste generated as a result of this project; is not liable for any damage caused by the operation or malfunction of the installed equipment; and 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 these programs.

Section A

Computer Room Air Conditioners (CRAC)					
CRAC Units — Minimum Qualifications		Minimum Qualifying Air Conditioner SCOP (Sensible Coefficient of Performance)		Minimum Qualifying Air Conditioner with Fluid Economizer SCOP	
Equipment Type	Tons	Downflow Units	Upflow Units	Downflow Units	Upflow Units
Computer Room Air Conditioner (CRAC), Air-Cooled	<5.42	2.2	2.09	N/A	N/A
	≥5.42 – <20	2.1	1.99	N/A	N/A
	≥20 – <63	1.9	1.79	N/A	N/A
CRAC, Air-Cooled with Economizer	<5.42	2.2	2.09	6.58	6.25
	≥5.42 – <20	2.1	1.99	6.28	5.95
	≥20 – <63	1.9	1.79	5.67	5.36
CRAC, Water-Cooled	<5.42	2.6	2.49	N/A	N/A
	≥5.42 – <20	2.5	2.39	N/A	N/A
	≥20 – <63	2.4	2.29	N/A	N/A
CRAC, Water-Cooled with Economizer	<5.42	2.55	2.44	4.86	4.65
	≥5.42 – <20	2.45	2.34	4.67	4.46
	≥20 – <63	2.35	2.24	4.48	4.27
CRAC, Glycol-Cooled	<5.42	2.5	2.39	N/A	N/A
	≥5.42 – <20	2.15	2.04	N/A	N/A
	≥20 – <63	2.1	1.99	N/A	N/A
CRAC, Glycol-Cooled with Economizer	<5.42	2.45	2.34	4.65	4.44
	≥5.42 – <20	2.1	1.99	3.99	3.78
	≥20 – <63	2.05	1.94	3.89	3.68

Equipment Type	Upflow or Downflow	Manufacturer	Model #	Quantity of Units	CRAC Unit – Tons	CRAC Unit Economizer – Tons (if applicable)	Rated CRAC Unit SCOP	Rated Economizer SCOP (if applicable)	Rebate
								Subtotal	

Total Rebate = Size + AC Unit + Economizer

Size = \$60/ton x tons

AC Unit = \$10 X (Unit SCOP - Minimum qualifying SCOP)/0.01

Economizer = \$2 X (Economizer SCOP - Minimum qualifying SCOP)/0.01

Rated in accordance with ASHRAE 127-2007.

Section B

Mini-split AC units

Rebate	$(\$20 + (\$1/0.1 \text{ SEER over minimum qualification})) \times \text{tons}$
Qualification	Minimum 16.0 SEER

No. of units	Manufacturer	Model no.	Cooling BTUH	SEER	Rebate
Subtotal					

Rebate = size + efficiency

Size = \$20 x tons (tons = cooling BTUH/12,000)

Efficiency = $\$1 \times ((\text{Unit SEER} - \text{minimum qualifying SEER}) / .1) \times \text{unit tons}$. Minimum qualifying SEER = 16.0 SEER

Plate and frame heat exchangers for water-side economizing

Wet bulb temperature	Base rebate per ton (up to)
$\leq 52^\circ\text{F}$ and $> 45^\circ\text{F}$	\$300
$\leq 45^\circ\text{F}$ and $> 40^\circ\text{F}$	\$240
$\leq 40^\circ\text{F}$ and $> 35^\circ\text{F}$	\$180
$\leq 35^\circ\text{F}$	\$120

No. of units	Wet bulb temp ¹	Tons/units ²	Chiller IPLV (kW/ton)	Actual peak load (tons) on chiller plant	Est. rebate ³
Subtotal					

¹Wet bulb temperature (°F) that the heat exchanger is used instead of a chiller²Capacity at design conditions/tons displaced by heat exchanger³The actual rebate will be based on the amount of cooling load on the waterside economizer. For example, if a 200 ton waterside economizer is installed but the peak amount of free cooling actually provided is only 100 tons, the rebate will be based on the 100 ton load, not the 200 ton capacity.

Section C

Virtual Desktop Infrastructure (VDI)

Equipment	Qualifications	Quantity installed		Total rebate
Virtual desktop infrastructure (including thin client and zero client computing)	VDI devices must be a maximum of 17 watts; must install a minimum of 10 units		x \$10 =	
Subtotal				

Total rebate for all sections