

MOTOR EFFICIENCY DRIVE REBATE APPLICATION



VARIABLE SPEED DRIVE (VFDs) REBATE APPLICATION

Business Customer Information

Company name _____ Date submitted _____

Billing address _____ City _____ State _____ ZIP _____

Installation address (IF DIFFERENT) _____ City _____ State _____ ZIP _____

Contact name (PRINT) _____

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:

Please provide the information as it relates to the drive's installation location.

Industrial/Manufacture – Select only if the drive is used and installed at a facility that makes or produces a product

Commercial – If selected, please identify which of the following best reflects the commercial building type where your drive is located (check one)

<input type="checkbox"/> College/University – Education	<input type="checkbox"/> Grocery/Superstore – Store	<input type="checkbox"/> Hospital	<input type="checkbox"/> Office	<input type="checkbox"/> Retail Outlet/Mall Type Facility
<input type="checkbox"/> K-12 School – Education	<input type="checkbox"/> Healthcare/Nursing/Alternative Care Living Facility	<input type="checkbox"/> Hotel/Motel/Residence Inn Facility	<input type="checkbox"/> Restaurant/FastFood/Casual/Bar&Grill Type Facility	<input type="checkbox"/> Warehouse/Distribution Center

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.

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 _____

Address _____ City _____ State _____ ZIP _____

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

Customer signature _____ Date _____

Contractor Information

Contractor name _____ Contact name _____

Contractor address _____ City _____ State _____ ZIP _____

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.

INTERNAL USE ONLY – PLEASE DO NOT WRITE IN THIS SPACE

Xcel Energy account manager/BSC _____ PC_kW_Cust _____ Inc. Cost _____

kW _____, kWh _____, Rebate _____ Inc. O&M _____ Qty. _____

Rebate Operations _____ Date _____

Equipment Information

NEW VARIABLE SPEED DRIVE APPLICATION

	End Use Function*	Manufacturer	Model #	Drive HP**	Motor HP**	RPM	Motor Type (Open or Closed)	HP	Quantity	Rebate Offer	Rebate
1											\$
2											\$
3											\$
4											\$
5											\$
6											\$
7											\$
8											\$
9											\$
10											\$
11											\$
12											\$
13											\$
14											\$
TOTAL XCEL ENERGY REBATE											\$

*** END USE FUNCTION**

Please select one of the typical drives end use (codes) below, and include it on your application:

- Fan (F)
- Pump (P)

** Look for the Drive HP and Motor HP information on the motor nameplate.

MN VARIABLE SPEED DRIVE OFFER

	Drives Tiered HP		Drives Tiered HP
Motor HP	Prescriptive rebate levels for drives that operate pump or air movement devices.	Motor HP	Prescriptive rebate levels for drives that operate pump or air movement devices.
1	\$400	60	\$4,000
1.5	\$400	75	\$5,000
2	\$400	100	\$6,000
3	\$400	125	\$7,000
5	\$600	150	\$7,000
7.5	\$750	200	\$8,000
10	\$1,000	Larger than 200	Drives on non-fan or non pumps, or equipment larger than 200 hp will be evaluated via Custom Efficiency
15	\$1,250		
20	\$1,600		
25	\$2,000		
30	\$2,400		
40	\$3,000		
50	\$3,500		

SAMPLE INVOICE

ABC Sales/Installation and Service Company
17458 Middle of the City
Anywhere, USA 11111

Invoice# 25698

Date 9/9/09 **Invoice #** AB742

Bill to:
 Customer A
 789 Anywhere St.
 Minneapolis, MN 55400-0000

Ship To:
 Customer A
 789 Anywhere St.
 Minneapolis, MN 55400-0000

PO No. Bill **Terms** 2% 10 net 30

Model #	Description/Part	HP	RPM	Qty	Unit Price	Amount
#1	Remove existing panel and electrical items not in use. Install new six (6) new BCC MFZ08, 30hp VFD, pressure transducer, and sensor Job			1	\$3,500.00	\$3,500.00
#3	Modifications to Building Controls including installing two (2) BCC 10 hp return fan VFD, Model JLZ462x Serial Number xc125fg. Engineering, programming, graphics, materials and installation			1	\$8,000.00	\$8,000.00
#5	All BCC products : Three (3) - ALZ 1830, 30 hp					
#7	Two (2) AFZ 1640, 40 hp					
#9	One (1) CAZ 4603, 3 hp Total price for VFD's, installation to EMS system, programming and integration of HVAC sequence of operations requirements			1	\$9,890.00	\$9,890.00

Thank you for your business. Please remit payment to: ABC Sales/Service **Total** \$21,390.00

Please write, on your invoice, the row numbers from the rebate application for the corresponding motors.

The numbers written on this sample invoice correspond to information provided on rows: 1, 3, 5, 7 and 9 of the rebate application example shown on page 4.

MOTOR EFFICIENCY DRIVE REBATE APPLICATION

HOW TO COMPLETE YOUR APPLICATION FOR VARIABLE SPEED DRIVES

We offer prescriptive rebates for drives (variable frequency drive, VFD, adjustable speed drive, ASD) used on fan and pump equipment like HVAC systems, pumping systems, cooling towers, and industrial fans that are 1-200 hp in size.

We offer custom rebates for drives for other equipment not mentioned above, or are greater than 200 hp in size.

Rows:

Complete the information on a separate row for each specific drive.

Columns:

Review the heading descriptions below for instructions on what to include under each column.

End Use Function:

Use the code from the chart at the bottom of page 2 that is closest to your end use type.

Manufacturer:

Identify the manufacturer.

Model #:

Make sure to use the manufacturers' model number, not the part number. Also, make sure you don't transpose or omit any numbers.

Drive HP Nameplate:

Please write the horsepower of the drive HP nameplate you have purchased and installed for the specific end use you indicated.

Motor HP Nameplate:

Please write the horsepower of the motor connected to the specific drive for the end use you indicated.

RPMs:

Please identify the revolution per min (rpm) of the motor that is controlled by the drive.

Motor Type (Open or Closed):

Please identify whether the drive controls an Open Drip Proof (ODP) or a Totally Enclosed Fan Cooled (TEFC) Motor.

HP:

The drive rebate is calculated using the lowest rating of either the drive nameplate or the motor nameplate for the specific line items end use.

Quantity:

Fill in the number of drives of this specific model for which you are seeking a rebate.

Rebate Offer:

The rebate offer amount is noted in the tiered chart.

Total Xcel Energy Rebate:

Multiply the Quantity by the Rebate Offer (see page 2) to determine your Total Rebate

Equipment Information

NEW VARIABLE SPEED DRIVE APPLICATION

End Use Function*	Manufacturer	Model #	Drive HP**	Motor HP**	RPM	Motor Type (Open or Closed)	HP	Quantity	Rebate Offer	Rebate
1 F	BCC	MF208	30	30	3400	ODP	30	6	2400	\$ 14,400
2										\$
3 F	BCC	JLZ2462X	10	10	5000	ODP	10	2	400	\$ 800
4										\$
5 F	BCC	ALZ1840	30	30	5000	TEFC	30	4	2400	\$ 9,600
6										\$
7 F	BCC	ALZ1640	40	40	4000	TEFC	40	4	3000	\$ 12,000
8										\$
9 P	BCC	CAZ4603	3	3	3400	TEFC	2	3	400	\$ 1,200
10										\$
11										\$
12										\$
13										\$
14										\$
TOTAL XCEL ENERGY REBATE										\$ 38,000

END USE FUNCTION
Please select one of the typical drives end use (codes) below, and include it on your application:
• Fan (F)
• Pump (P)

MN VARIABLE SPEED DRIVE OFFER

Motor HP	Drives Tiered HP		Drives Tiered HP	
	Prescriptive rebate levels for drives that operate pump or air movement devices.		Prescriptive rebate levels for drives that operate pump or air movement devices.	
1	\$400	60	\$4,000	
1.5	\$400	75	\$5,000	
2	\$400	100	\$6,000	
3	\$400	125	\$7,000	
5	\$600	150	\$7,000	
7.5	\$750	200	\$8,000	
10	\$1,000			
15	\$1,250			
20	\$1,600			
25	\$2,000			
30	\$2,400			
40	\$3,000			
50	\$3,500			
		Larger than 200		Drives on non-fan or non pumps, or equipment larger than 200 hp will be evaluated via Custom Efficiency

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Rules and Requirements

The Motor and Drive Efficiency program is available to Xcel Energy electric retail rate business customers in Minnesota who purchase and install variable frequency or adjustable speed drives (VFD or ASD) to control their end use equipment/systems. It offers prescriptive and custom rebates depending on your equipment and situation. Rebates for motors are available and use a different and separate application.

Prescriptive Drive Rebate

Xcel Energy offers cash rebates to customers for drives (VFD, ASD) used on fan and pump systems from 1 to 200 hp. Drive controls of a specific motor system are sized differently, either, larger, smaller or the same size. We prefer that the drive hp match the motor hp. If not, then the drive rebate is calculated using the lowest rating of either the drive nameplate or the motor nameplate for the specific line items end use.

Also, the drive system is automatically controlled to vary the motor's speed to match changes in the system's load, rather than by mechanical means.

Drive systems in new construction projects, when used within a variable air volume system greater than 15 hp, and greater than 50 hp on a hydronic pump system, do not qualify.

Custom Rebate

We offer custom rebates for drive equipment not mentioned above, or that is greater than 200 hp in size.

Equipment like chillers, refrigeration compressors, air compressors, presses, process equipment, extrusion, conveyors, and drives used as soft start and power correction capacities, or are a component of a larger system, that do not have separate, itemized receipt/invoice for the drive, must be reviewed under the Custom Efficiency program which requires preapproval.

You can visit xcelenergy.com/CustomMN for the Custom Efficiency rebate application and program details.

How to Apply for Rebates

A copy of a dated invoice must accompany the rebate application. Please make sure that the supporting equipment information (model number) match the rebate application claim.

- The customer invoice must show quantity, model number, and hp.
- Installation must be complete before submitting rebate application.
- Maximum rebate is 60 percent of project cost.
- Customers must submit their rebate application claim for new variable speed drives within 24 months from the purchase date on the invoice.
- Xcel Energy will issue a rebate in the form of a check, not a utility bill credit.

- Tear off and mail **completed and signed rebate form** along with the **original paid invoices and manufacturer's specifications** to:

Xcel Energy
Rebate Operations
P.O. Box 1438
Minneapolis, MN 55440-1438

Other Important Information

Xcel Energy is not responsible for any lost, late, stolen, illegible, illegible, misdirected or postage due mail. All completed submissions become the property of Xcel Energy and will not be returned. Warning: Fraudulent submission of this form may result in federal prosecution for mail fraud under 18 USC sections 1341, 1342.

Xcel Energy reserves the right to conduct a random audit of your project before or after issuing a rebate. The customer agrees to provide reasonable access to inspect the installation. Audits may be performed up to one year after the date of the rebate application. 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.

The rebate program will provide up to 60 days notice of cancellation. Notification will be posted on our Internet site, motors page. The customer is responsible for checking with the Xcel Energy Business Solutions Center at 1-800-481-4700 or by e-mail bsc@xcelenergy.com or visit xcelenergy.com to determine whether the program is still in effect and to verify program parameters.

Contact the Business Solutions Center at 1-800-481-4700 or by e-mail bsc@xcelenergy.com for more information.

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 UP TO 8 WEEKS FOR REBATE CHECK TO ARRIVE.

MOTOR EFFICIENCY DRIVE REBATE APPLICATION

MN



1-800-481-4700
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