

# 2014 Motor Rebate Application

## MOTOR AND DRIVE EFFICIENCY

### Business Customer Information

Company name \_\_\_\_\_ Date submitted \_\_\_\_\_

Billing address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Installation address (if different) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Contact name (print) \_\_\_\_\_ Phone (\_\_\_\_\_) \_\_\_\_\_ Email\* \_\_\_\_\_

Xcel Energy electric premise number

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

- Industrial/Manufacture** – Select only if the motor 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 motor 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. Xcel Energy shall not be liable for the work performed by the customer's engineer, contractor, or vendor. 4. The customer understands that their company related information may be shared with stakeholders. 5. The undersigned and Xcel Energy agree that Xcel Energy may make an agreement by electronic means and that such agreements are authentic and valid, and have the same legal effect as agreements entered into on paper.

### Alternative Rebate Recipient

Note: Complete this section only if the customer wants the 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/Vendor name \_\_\_\_\_ Contact name \_\_\_\_\_

Contractor address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Email\* \_\_\_\_\_

\*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 \_\_\_\_\_ Promo code \_\_\_\_\_

**Equipment information**

**A. NEW MOTOR APPLICATION**

	End use**	Manufacturer	Motor Type (Open or Closed)	RPM	Model #	Nominal Efficiency @ full load	HP	Qty	Rebate Offer Per Motor	Rebate
1*	Enhanced NEMA Premium®									\$
2	Enhanced NEMA Premium									\$
3	Enhanced NEMA Premium									\$
4	Enhanced NEMA Premium									\$
5	Enhanced NEMA Premium									\$
<b>Total Section A</b>										\$

**B. MOTOR UPGRADE (REPLACING AN OPERATING MOTOR)**

I affirm that the upgraded motors identified below were operating motors, which have since been scrapped by my company or by the installer.

Signature \_\_\_\_\_ Date \_\_\_\_\_

	End use**	Manufacturer	Motor Type (Open or Closed)	RPM	Model #	Nominal Efficiency @ full load	HP	Qty	Rebate Offer per motor	Rebate
6*	NEMA Premium®									\$
	removed motor:									
7	NEMA Premium									\$
	removed motor:									
8	NEMA Premium									\$
	removed motor:									
9	NEMA Premium									\$
	removed motor:									
10	NEMA Premium									\$
	removed motor:									
11	Enhanced Efficiency									\$
	removed motor:									
12	Enhanced Efficiency									\$
	removed motor:									
13	Enhanced Efficiency									\$
	removed motor:									
14	Enhanced Efficiency									\$
	removed motor:									
<b>Total Section B</b>										\$

\*Please mark invoices with row number to ensure that rebate operations matches the equipment description and rebate to the correct invoice.

\*\*For each motor, enter an end use of "F" for fan, "P" for pump, or "O" for other

**TOTAL (SECTION A + B)** \$

\$

## HOW TO COMPLETE YOUR MOTOR EFFICIENCY REBATE FORM

We offer rebates for motors that meet or exceed both NEMA Premium and "Enhanced" NEMA Premium (those that exceed the efficiency standard by at least one numeric percentage point) efficiency standards. Refer to page 5 for efficiency standards lists.

**A. New motor rebates** are available to eligible customers who install a motor where one never existed, or replace a non-operating (non-working) motor with a NEMA Premium motor. Using an automobile purchase analogy - This scenario represents a new car purchase for a first time, or replacing one that no longer works.

**B. Motor upgrade rebates** are available to eligible customers who replace an operating/functioning inefficient motor with a NEMA Premium motor. Using an automobile purchase analogy—you're trading in your older, working automobile for a shiny brand new efficient one.

Information for the table on page 2 of the application can be obtained from the motor specification sheet or the customer invoice.

### Rows:

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

### Columns:

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

### End Use:

Use the code from the chart at the bottom of page 5 that is closest to your end use type.

### Manufacturer:

Identify the manufacturer.

### Motor type:

Indicate if the motor is an open (ODP) or closed (TEFC) unit.

### RPM:

- Revolutions per minute.
- 6 pole = 1200 RPM
  - 4 pole = 1800 RPM
  - 2 pole = 3600 RPM

### Model #:

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

### Nominal Efficiency %:

Use the nominal efficiency of a "full load" or 100% as noted by the manufacturer.

### HP:

Horsepower as noted on the manufacturer's specification.

### Quantity:

Fill in the number of motors of this specific model seeking a rebate.

### Rebate Offer:

The rebate offer is noted on page 5.

### Total Xcel Energy Rebate:

Multiply the Quantity by the Rebate Offer to determine your Total Rebate.

2014 MOTOR REBATE APPLICATION  
MOTOR AND DRIVE EFFICIENCY
APPLICATION  
COLORADO

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**Equipment information**

**A. NEW MOTOR APPLICATION**

	End use**	Manufacturer	Motor Type (Open or Closed)	RPM	Model #	Nominal Efficiency @ full load	HP	Qty	Rebate Offer Per Motor	Rebate	
1*	Enhanced NEMA Premium®	F	XYZ Company	Closed	1200	R10G	93%	1	8	90	\$ 720
2	Enhanced NEMA Premium										\$
3	Enhanced NEMA Premium										\$
4	Enhanced NEMA Premium										\$
5	Enhanced NEMA Premium										\$
<b>Total Section A</b>										\$ 720	

**B. MOTOR UPGRADE (REPLACING AN OPERATING MOTOR)**

I affirm that the upgraded motors identified below were operating motors, which have since been scrapped by my company or by the installer.

Signature \_\_\_\_\_ Date \_\_\_\_\_

	End use**	Manufacturer	Motor Type (Open or Closed)	RPM	Model #	Nominal Efficiency @ full load	HP	Qty	Rebate Offer per motor	Rebate	
6*	NEMA Premium®	F	ABC Company	Closed	1800	EM4110T	94.5%	40	2	1800	\$ 2,400
	removed motor:										
7	NEMA Premium										\$
	removed motor:										
8	NEMA Premium										\$
	removed motor:										
9	NEMA Premium										\$
	removed motor:										
10	NEMA Premium										\$
	removed motor:										
11	Enhanced Efficiency										\$
	removed motor:										
12	Enhanced Efficiency										\$
	removed motor:										
13	Enhanced Efficiency										\$
	removed motor:										
14	Enhanced Efficiency										\$
	removed motor:										
<b>Total Section B</b>										\$ 2,400	

\*Please mark invoices with row number to ensure that rebate operations matches the equipment description and rebate to the correct invoice.  
 \*\*For each motor, enter an end use of "F" for fan, "P" for pump, or "O" for other

**TOTAL (SECTION A + B) \$ 3,120**

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**Sample ABC Company Specification**

**Specifications: EM4110T**

Catalog Number:	EM4110T
Specification Number:	12H013X277G1
Horsepower:	40
Voltage:	230/460
Hertz:	60
Full Load Amps:	92/46
Usable at 208 Volts:	99
RPM:	1775
Frame Size:	324T
Service Factor:	1.15
Rating:	40C AMB-CONT
Locked Rotor Code:	H
NEMA Design Code:	B
Insulation Class:	F
Full Load Efficiency:	94.5
Power Factor:	86
Enclosure:	TEFC
DE Bearing:	
ODE Bearing:	

**Horsepower: 40**

**Full Load Efficiency: 94.5**

**Sample XYZ Company Specification**

**MOTOR PERFORMANCE**

MODEL NO.	CATALOG NO.	PHASE	TYPE	FRAME
R106	A15P3C	3	JDE	324U
ORDER NO.		9396	LINE NO.	
MPI:	64125			
HP:	15			
POLES:	6			
VOLTS:	230			
HZ:	60			
SERVICE FACTOR:	1.15			
EFFICIENCY (%):				
	S.F.			92.4
	FULL			93
				93.6
	1/2			93.2
	1/4			90

**HP: 15**

**FULL 93**

**Sample Invoice**

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

**Invoice**

Date	Invoice #
01/01/2013	25698

**Bill to:**  
  
 Customer A  
 243 Arthur St.  
 Colorado, 123245

**Ship to:**  
  
 Customer A  
 243 Arthur St.  
 Colorado, 12345

P.O. No.	Terms
Bill	2% 10 Net 30

Manufacture	Model #	Description/Part	HP	RPM	Qty	Unit Price	Amount	
ABC Company	EM4110T	NEMA Premium Efficiency, TEFC, rigid base, 230/460 V 3-phase 40 HP	40	1860	2	\$1,508.00	\$3,770.00	
XYZ Company	R106	NEMA Premium Efficiency, TEFC, rigid base, 230/460 V 3-phase 15 HP	15	1800	8	\$1,575.00	\$12,600.00	
Thank you for your business. Please remit payment to ABC Sales/Service Company							<b>Total</b>	<b>\$16,370.00</b>

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: 2 and 6 of the rebate application example shown on page 3.

6  
2

**Xcel Energy Motor Efficiency Standards**

We offer rebates for motors that meet or exceed both NEMA Premium and "Enhanced" Premium (those that exceed the efficiency standard by at least one numeric point). The NEMA Premium efficiency electric motor program scope is single-speed, polyphase, 1 - 500 hp, 1200, 1800 and 3600 rpm, squirrel cage induction motors, NEMA Design A or B, continuous rates. Eligible motors must meet or exceed the **nominal energy efficiency** levels presented below.

**Sample Rebate Specification**

Rebate eligibility depends on: 1) whether the motor is new or upgraded; 2) the motor's horsepower; 3) whether the motor is Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC); 4) the motor's rpm; and 5) whether the motor exceeds the efficiency standard (i.e., NEMA Premium, or "Enhanced").

**For Example:**

7.5 HP, TEFC, 1800 RPM

91.7% efficient, replacing a working motor (Plan B) Rebate = \$450

92.7% efficient, with new or restored capacity (Plan A) Rebate = \$120

NEMA PREMIUM EFFICIENCY CRITERIA						
MOTOR HP	Open Drip Proof (ODP)			Totally Enclosed Fan Cooled (TEFC)		
	1200 rpm	1800 rpm	3600 rpm	1200 rpm	1800 rpm	3600 rpm
1	82.5	85.5	77.0	82.5	85.5	77.0
1.5	86.5	86.5	84.0	87.5	86.5	84.0
2	87.5	86.5	85.5	88.5	86.5	85.5
3	88.5	89.5	85.5	89.5	89.5	86.5
5	89.5	89.5	86.5	89.5	89.5	88.5
7.5	90.2	91.0	88.5	91.0	91.7	89.5
10	91.7	91.7	89.5	91.0	91.7	90.2
15	91.7	93.0	90.2	91.7	92.4	91.0
20	92.4	93.0	91.0	91.7	93.0	91.0
25	93.0	93.6	91.7	93.0	93.6	91.7
30	93.6	94.1	91.7	93.0	93.6	91.7
40	94.1	94.1	92.4	94.1	94.1	92.4
50	94.1	94.5	93.0	94.1	94.5	93.0
60	94.5	95.0	93.6	94.5	95.0	93.6
75	94.5	95.0	93.6	94.5	95.4	93.6
100	95.0	95.4	93.6	95.0	95.4	94.1
125	95.0	95.4	94.1	95.0	95.4	95.0
150	95.4	95.8	94.1	95.8	95.8	95.0
200	95.4	95.8	95.0	95.8	96.2	95.4
250*	95.5	95.8	95.0	95.8	96.2	95.8
300*	95.5	95.8	95.4	95.8	96.2	95.8
350*	95.5	95.8	95.4	95.8	96.2	95.8
400*	95.9	95.8	95.8	95.8	96.2	95.8
450*	96.3	96.2	95.9	95.8	96.2	95.8
500*	96.3	96.2	95.9	95.8	96.2	95.8

REBATES			
Premium efficiency (as shown at left)	MOTOR HP	Enhanced Efficiency (must be at least 1-point greater than shown at left)	
		Plan A - New or Restored capacity	Plan B - must replace working motor
\$150	1	\$60	\$350
\$150	1.5	\$60	\$350
\$175	2	\$70	\$400
\$210	3	\$80	\$480
\$300	5	\$90	\$570
\$420	7.5	\$120	\$830
\$520	10	\$150	\$1,000
\$780	15	\$200	\$1,400
\$900	20	\$250	\$1,780
\$1,000	25	\$300	\$2,100
\$1,150	30	\$370	\$2,120
\$1,350	40	\$440	\$2,560
\$1,690	50	\$550	\$3,200
\$1,990	60	\$640	\$3,840
\$2,480	75	\$750	\$4,800
\$3,300	100	\$1,000	\$6,400
\$4,100	125	\$1,250	\$8,000
\$4,700	150	\$1,500	\$9,500
\$5,500	200	\$2,000	\$10,800
\$6,500	250	\$2,500	\$13,300
\$7,000	300	\$3,000	\$15,800
\$7,500	350	\$3,500	\$18,500
\$8,000	400	\$4,000	\$21,000
\$9,000	450	\$4,500	\$22,500
\$10,000	500	\$5,000	\$25,000

Xcel Energy confirms products and efficiencies using information obtained via the manufacturer's Web site.

\*Exceeds NEMA Premium efficiency standards.

## Colorado Motors Rules and Requirements

### Qualifying Customers

- The Motor Efficiency program is available to Xcel Energy electric business customers in Colorado who purchase and install a qualifying AC motor.

The program offers two types of rebate levels depending on your situation.

- New motor rebates are available to eligible customers who install a motor (where one never existed), or replace a non-operating (non-working) motor with a motor that exceeds NEMA Premium standards by more than 1 efficiency point.
- Motor upgrade rebates are available to eligible customers who replace an operating/functioning inefficient motor with a NEMA Premium motor.

### Motor Rebate Rules

Xcel Energy offers cash rebates to customers for new and upgrade motors from 1 hp to 500 hp when they meet or exceed the NEMA Premium efficiency standards (see page 5).

- For Plan B - Upgrade rebates: You must replace it with a qualifying AC motor of the same or smaller size in order to qualify for the Motor Upgrade/Replacement Motor Efficiency rebate. Otherwise, the rebate offer will revert to the new motor schedule amount.
- You must scrap the previous motor themselves or have it scrapped by their installer. By signing the application, you are acknowledging that the motor has been scrapped.
- Rebates do not apply to rewound or repaired motors.

### Modification

This program's rules, requirements and offer are subject to change at any time. The changes will be posted on [www.xcelenergy.com/rebates](http://www.xcelenergy.com/rebates), and the program will provide up to 60 days notice of cancellation.

The customer is responsible for checking with the Xcel Energy Business Solutions Center at **1-800-481-4700** or by email [energyefficiency@xcelenergy.com](mailto:energyefficiency@xcelenergy.com) or visit [www.xcelenergy.com/rebates](http://www.xcelenergy.com/rebates) to determine whether the program is still in effect and to verify program parameters.

### Other Information

- Xcel Energy reserves the right to publicize your participation in this program, unless you specifically request otherwise.
- Xcel Energy reserves the right to refuse payment and participation if the customer or contractor violates program rules and procedures. Xcel Energy is not liable for rebates promised to customers as a result of a contractor misrepresenting the program.
- Xcel Energy will issue a rebate in the form of a check, not a utility bill credit.
- 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 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.

### Custom Efficiency Rebate Program

Motors greater than 500 hp, or whose hp size is not listed on page 5, need to be submitted for preapproval since an evaluation is required prior to equipment purchase and installation. You can find the Custom Efficiency rebate application and program details at [xcelenergy.com](http://xcelenergy.com).

### How to Apply for Rebates

- Fill out the rebate application. Please note the application Rules and Requirements section (page 6) and efficiency standards (page 5).
- Submit forms to your account manager (if applicable), or email to: [energyefficiency@xcelenergy.com](mailto:energyefficiency@xcelenergy.com) (preferred), fax to: 1-800-311-0050, or mail to:  
Xcel Energy  
Energy Efficiency Specialists, Business Solutions Center, P.O. Box 8  
Eau Claire, WI 54702

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.**
- The manufacturer's specification sheet must show: manufacturer, model number, nominal efficiency %, horsepower and rpm. Xcel Energy will use the manufacturer's Web site to confirm specifications to determine eligibility and rebate amounts.
- Installation must be complete before submitting rebate application
- Maximum rebate is 60% of project cost
- Customers must submit their rebate application claim within 12 months from the purchase date on the invoice.

### 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 EIGHT WEEKS FOR REBATE CHECK TO ARRIVE.**

