

# CONSERVE & \$AVE

## COMMERCIAL MOTORS & VARIABLE SPEED DRIVES REBATE APPLICATION

### 1. CUSTOMER INFORMATION (please print)

Business Name \_\_\_\_\_ Location Name or DBA (if different from Business Name) \_\_\_\_\_

Installation Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Mailing Address (if different from above) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Account Number \_\_\_\_\_  Apply rebate to our account.  Send us a rebate check.

**Type of Business:**  Church  Government  Grocery  Health  Industrial  Lodging  
 Multi-family  Office  Restaurant  Retail  School  Other \_\_\_\_\_

**How did you hear about CONSERVE & SAVE?**  Billboard  Chamber of Commerce  Contractor  Newspaper  Radio  
 Retailer/Vendor  TV  Utility Mailing  Utility Newsletter  Utility Representative  Utility Web Site  Other \_\_\_\_\_

### 2. CONTACT INFORMATION (please print)/CUSTOMER SIGNATURE

**ATTENTION: ALL INVOICES OR RECEIPTS AND ALL SPECIFICATION SHEETS MUST BE INCLUDED WITH YOUR FULLY-COMPLETED AND SIGNED APPLICATION OR APPLICATION WILL BE RETURNED.**

Contact Name \_\_\_\_\_ ( ) \_\_\_\_\_ Daytime Phone Number \_\_\_\_\_

Email \_\_\_\_\_

I certify that all the information in the application (including any associated worksheets) is correct to the best of my knowledge. I have read and agree to the Terms and Conditions on the back of this application booklet. I understand that if any equipment in conjunction with this application is ordered, purchased, or installed before approval from The Utility is received, the proposed project may not qualify for a rebate.

Customer's Signature \_\_\_\_\_ Date \_\_\_\_\_

Check here if you DO NOT give us permission to use your business name in advertising our Conserve & Save program (e.g. utility web site, newspaper ads).

### 3. CONTRACTOR/VENDOR INFORMATION (please print)

Company Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Contact Name \_\_\_\_\_ Daytime Phone Number \_\_\_\_\_

Email \_\_\_\_\_

**OFFICE USE ONLY** Pre-Inspected?  YES  NO Date \_\_\_\_\_ Initials \_\_\_\_\_  
Date Received \_\_\_\_\_ Post-Inspected?  YES  NO Date \_\_\_\_\_ Initials \_\_\_\_\_

**TOTAL REBATE AMOUNT**  
\$ \_\_\_\_\_

# TEAMING UP



an infinity energy partner

# TO SAVE YOU MONEY!

**4. REBATE INFORMATION – PREMIUM-EFFICIENCY MOTORS (please print)**

GENERAL INFO			NEW MOTOR													REBATE	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P		
N = New Installation R = Replace Failed W = Replace Working <sup>1</sup> I = Inventory	Qty.	Motor Size (HP)	Motor Efficiency (%)	Speed (RPM)	Enclosure <sup>2</sup> (List one: ECPM, TEFC, EP, or ODP)	Manufacturer Name	Model Number	Serial Number	Full-Load Efficiency <sup>3</sup> (%)	Enhanced? <sup>4</sup>	Annual Hours of Operation	Estimated Install Date <sup>5</sup> (a, b, or c)	Motor Cost	Rebate per Motor (from Tables)	Total Rebate (B X O)		
1.														\$	\$		
2.														\$	\$		
3.														\$	\$		
4.														\$	\$		
5.														\$	\$		
6.														\$	\$		
7.														\$	\$		

**TOTAL HIGH-EFFICIENCY MOTOR REBATE: \$**

<sup>1</sup> Existing motor must be in working condition for the new motor to be eligible for the "Replace Working" motor rebate.  
<sup>2</sup> Motor Enclosure Types:  
**ECPM** = Electronically Commutated Permanent Magnet  
**EP** = Explosion Proof  
**TEFC** = Totally Enclosed Fan Cooled  
**ODP** = Open Drip Proof  
<sup>3</sup> The National Electric Manufacturers Association (NEMA) nominal full-load efficiency of the new motor(s) must meet or exceed the efficiency shown in Premium-Efficiency Motor Table 3.  
<sup>4</sup> Check this column if the new motor efficiency meets or exceeds the "Enhanced" efficiency shown in Enhanced Premium-Efficiency Motor Table 4. If applicable, select rebate from Table 2.  
<sup>5</sup> For inventoried motors only, please insert the estimated installation date: **a = 2-12 months, b = 12-24 months, c = over 24 months.**

**TABLE 1 – PREMIUM-EFFICIENCY MOTOR REBATE TABLE**

Motor HP	TEFC, EP, AND ODP MOTORS																				
	ECPM <.25	ECPM .25-1.5	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200
New or Replace Failed	\$20	\$50	\$25	\$30	\$35	\$40	\$50	\$60	\$75	\$100	\$130	\$165	\$175	\$200	\$250	\$275	\$300	\$450	\$525	\$550	\$600
Replace Working	\$30	\$60	\$100	\$120	\$140	\$160	\$200	\$240	\$300	\$400	\$520	\$660	\$700	\$800	\$1000	\$1100	\$1200	\$1800	\$2100	\$2200	\$2400
Inventory	\$10	\$25	\$10	\$15	\$20	\$25	\$30	\$35	\$40	\$50	\$65	\$80	\$90	\$100	\$125	\$140	\$150	\$225	\$260	\$275	\$300

**TABLE 2 – ENHANCED PREMIUM-EFFICIENCY MOTOR REBATE TABLE**

Motor HP	TEFC, EP, AND ODP MOTORS																				
	ECPM <.25	ECPM .25-1.5	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200
New or Replace Failed	\$25	\$55	\$40	\$45	\$55	\$60	\$75	\$90	\$115	\$150	\$200	\$250	\$275	\$300	\$375	\$400	\$450	\$675	\$775	\$825	\$900
Replace Working	\$35	\$65	\$120	\$135	\$165	\$180	\$225	\$270	\$345	\$450	\$600	\$750	\$825	\$900	\$1125	\$1200	\$1350	\$2025	\$2325	\$2475	\$2700
Inventory	\$15	\$30	\$15	\$25	\$30	\$40	\$45	\$50	\$60	\$75	\$100	\$120	\$135	\$150	\$190	\$210	\$225	\$340	\$390	\$415	\$450

**TABLE 3 – PREMIUM-EFFICIENCY MOTOR TABLE**

**National Electric Manufacturers Association (NEMA)  
Minimum Qualifying Motor Efficiencies**

Motor Size (HP)	ECPM Motors	Totally Enclosed Fan Cooled (TEFC) and Explosion Proof (EP) Motors				Open Drip-Proof (ODP) Motors			
		RPM LEVELS				RPM LEVELS			
		3600	1800	1200	900	3600	1800	1200	900
=< 1.5	80.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.0	N/A	77.0%	85.5%	82.5%	77.0%	77.0%	85.5%	82.5%	77.0%
1.5	N/A	84.0%	86.5%	87.5%	80.0%	84.0%	86.5%	86.5%	78.5%
2.0	N/A	85.5%	86.5%	88.5%	85.5%	85.5%	86.5%	87.5%	87.5%
3.0	N/A	86.5%	89.5%	89.5%	85.5%	85.5%	89.5%	88.5%	88.5%
5.0	N/A	88.5%	89.5%	89.5%	87.5%	86.5%	89.5%	89.5%	89.5%
7.5	N/A	89.5%	91.7%	91.0%	88.5%	88.5%	91.0%	90.2%	91.0%
10.0	N/A	90.2%	91.7%	91.0%	91.0%	89.5%	91.7%	91.7%	91.7%
15.0	N/A	91.0%	92.4%	91.7%	91.0%	90.2%	93.0%	91.7%	91.7%
20.0	N/A	91.0%	93.0%	91.7%	91.7%	91.0%	93.0%	92.4%	92.4%
25.0	N/A	91.7%	93.6%	93.0%	91.7%	91.7%	93.6%	93.0%	92.4%
30.0	N/A	91.7%	93.6%	93.0%	93.0%	91.7%	94.1%	93.6%	93.0%
40.0	N/A	92.4%	94.1%	94.1%	93.0%	92.4%	94.1%	94.1%	93.0%
50.0	N/A	93.0%	94.5%	94.1%	93.6%	93.0%	94.5%	94.1%	93.6%
60.0	N/A	93.6%	95.0%	94.5%	93.6%	93.6%	95.0%	94.5%	94.1%
75.0	N/A	93.6%	95.4%	94.5%	94.5%	93.6%	95.0%	94.5%	95.0%
100.0	N/A	94.1%	95.4%	95.0%	94.5%	93.6%	95.4%	95.0%	95.0%
125.0	N/A	95.0%	95.4%	95.0%	95.0%	94.1%	95.4%	95.0%	95.0%
150.0	N/A	95.0%	95.8%	95.8%	95.0%	94.1%	95.8%	95.4%	95.0%
200.0*	N/A	95.4%	96.2%	95.8%	95.4%	95.0%	95.8%	95.4%	95.0%

\*Motors greater than 200 HP may be eligible for a rebate under our Custom Efficiency Rebate Program.

**TABLE 4 – ENHANCED PREMIUM-EFFICIENCY MOTOR TABLE**

**National Electric Manufacturers Association (NEMA)  
Minimum Qualifying Motor Efficiencies**

Motor Size (HP)	ECPM Motors	Totally Enclosed Fan Cooled (TEFC) and Explosion Proof (EP) Motors				Open Drip-Proof (ODP) Motors			
		RPM LEVELS				RPM LEVELS			
		3600	1800	1200	900	3600	1800	1200	900
=< 1.5	81.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.0	N/A	78.0%	86.5%	83.5%	78.0%	78.0%	86.5%	83.5%	78.0%
1.5	N/A	85.0%	87.5%	88.5%	81.0%	85.0%	87.5%	87.5%	79.5%
2.0	N/A	86.5%	87.5%	89.5%	86.5%	86.5%	87.5%	88.5%	88.5%
3.0	N/A	87.5%	90.5%	90.5%	86.5%	86.5%	90.5%	89.5%	89.5%
5.0	N/A	89.5%	90.5%	90.5%	88.5%	87.5%	90.5%	90.5%	90.5%
7.5	N/A	90.5%	92.7%	92.0%	89.5%	89.5%	92.0%	91.2%	92.0%
10.0	N/A	91.2%	92.7%	92.0%	92.0%	90.5%	92.7%	92.7%	92.7%
15.0	N/A	92.0%	93.4%	92.7%	92.0%	91.2%	94.0%	92.7%	92.7%
20.0	N/A	92.0%	94.0%	92.7%	92.7%	92.0%	94.0%	93.4%	93.4%
25.0	N/A	92.7%	94.6%	94.0%	92.7%	92.7%	94.6%	94.0%	93.4%
30.0	N/A	92.7%	94.6%	94.0%	94.0%	92.7%	95.1%	94.6%	94.0%
40.0	N/A	93.4%	95.1%	95.1%	94.0%	93.4%	95.1%	95.1%	94.0%
50.0	N/A	94.0%	95.5%	95.1%	94.6%	94.0%	95.5%	95.1%	94.6%
60.0	N/A	94.6%	96.0%	95.5%	94.6%	94.6%	96.0%	95.5%	95.1%
75.0	N/A	94.6%	96.4%	95.5%	95.5%	94.6%	96.0%	95.5%	96.0%
100.0	N/A	95.1%	96.4%	96.0%	95.5%	94.6%	96.4%	96.0%	96.0%
125.0	N/A	96.0%	96.4%	96.0%	96.0%	95.1%	96.4%	96.0%	96.0%
150.0	N/A	96.0%	96.8%	96.8%	96.0%	95.1%	96.8%	96.4%	96.0%
200.0*	N/A	96.4%	97.2%	96.8%	96.4%	96.0%	96.8%	96.4%	96.0%

\*Motors greater than 200 HP may be eligible for a rebate under our Custom Efficiency Rebate Program.

**5. REBATE INFORMATION – VARIABLE SPEED DRIVES (please print)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
N = New Construction R = Retrofit I = Inventory	Application Type <sup>1</sup>	Existing Control Method (FAN)	Existing Control Method (PUMP)	Motor Size (HP)	Motor Efficiency (%)	VSD Size (HP)	VSD Manufacturer Name	VSD Model Number	VSD Serial Number	VSD Qty.	Annual Hours of Operation	Estimated Install Date <sup>2</sup> (a, b, or c)	VSD Cost	Rebate per VSD (Table 5)	Total Rebate (K X O)
1.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$
2.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$
3.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$
4.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$
5.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$
6.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$
7.	<input type="checkbox"/> FAN <input type="checkbox"/> PUMP	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Constant Flow <input type="checkbox"/> Outlet Dampers <input type="checkbox"/> Inlet Vanes	<input type="checkbox"/> None (New VSD) <input type="checkbox"/> Throttle Valve										\$	\$	\$

**TOTAL HIGH-EFFICIENCY MOTOR REBATE: \$**

<sup>1</sup>Other application types may be eligible for rebates through the Custom Efficiency Rebate Program.

<sup>2</sup>For inventoried motors only, please insert the estimated installation date: a = 2-12 months, b = 12-24 months, c = over 24 months.

**TABLE 5 – VARIABLE SPEED DRIVE REBATE SCHEDULE**

Lesser of Motor Size or VSD Size*	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200
New Construction or Retrofit	\$150	\$180	\$210	\$240	\$300	\$360	\$450	\$600	\$780	\$990	\$1050	\$1200	\$1500	\$1650	\$1800	\$2700	\$3150	\$3300	\$3600
Inventory	\$60	\$90	\$120	\$150	\$180	\$210	\$240	\$300	\$390	\$480	\$540	\$600	\$750	\$840	\$900	\$1350	\$1560	\$1650	\$1800

\* Lesser of the values entered into Column E or Column G

## 6. TERMS AND CONDITIONS

### 1. ELIGIBILITY

Rebates are available to non-residential electric customers of Austin Utilities, Owatonna Public Utilities, and Rochester Public Utilities (herein referred to as The Utility). All products must be in use in facilities in The Utility service territory.

### 2. APPLICATION

Program is offered January 1 through December 31 of the respective calendar year. **Due to limited funding, this rebate offer can be changed or withdrawn at any time without notice and is available on a first-come, first-serve basis.** The entire rebate application must be read and filled out completely or application will be returned.

### 3. INSPECTION AND VERIFICATION

The Utility reserves the right to inspect the customer's facility through on-site visits before and after new equipment installation to verify rebate eligibility.

### 4. INSTALLATION AND REBATE AMOUNTS

Qualifying energy-efficient motors and variable speed drives installed and operational within six (6) months of the date of purchase are eligible for rebate under the NEW or REPLACEMENT rebate schedule. Qualifying energy-efficient motors and variable speed drives being used for replacement of on-site inventory are eligible for rebate under the INVENTORY rebate schedule. Additional time may be granted subject to the Utility's pre-approval. In no case will the rebate paid by The Utility exceed the purchase price of the equipment. The maximum rebate amount is \$100,000 per customer location per technology per year. The Utility can, at its sole discretion, increase rebate amounts.

### 5. INVOICE AND PAYMENT

Following inspection and verification (see #3) and completed installation, the customer must notify The Utility and submit original invoices specifying the quantity and price of all materials purchased, the date ordered, installation costs, and applicable taxes. After satisfactory review of the application and invoices, a rebate check or bill credit will be issued to the customer. Please allow 6-10 weeks from the date of application submission for delivery of rebate check or bill credit.

### 6. EQUIPMENT ELIGIBILITY REQUIREMENTS

**Motors:** Eligible motors must be NEMA design B or C, AC-3 phase 1 to 200 HP, or DC-single phase ECPM motors less than 1.5 HP and shall be approved under the electrical safety code. Eligible high-efficiency motors must meet or exceed The Utility's minimum efficiency requirements as identified in the Premium-Efficiency Motor Tables according to its respective characteristics. All 3-phase motors must have a NEMA nominal efficiency ratings clearly stamped on the nameplate. Rewound motors of any kind are not eligible. Motors and equipment with motors that qualify for The Utility's rebates under other utility programs are not eligible for a rebate payment under this program.

Existing motor must be in working condition for the new motor to be eligible for the working motor rebate.

The NEMA-rated full-load efficiency of the new motor must meet or exceed the efficiency shown in Motor Table 4 to be eligible for the Enhanced Premium-Efficiency Motor Rebate.

**Variable Speed Drives:** To be eligible for a rebate, the variable speed drive (VSD) installation must meet the following conditions:

- a) Rebates are limited to fan and pump applications. Variable speed drive installations for other motor-driven machinery, constant torque loads, and hydraulic pumping may qualify for a rebate through our Custom Efficiency Rebate Program.
- b) The fan or pump does not require a drive as a standard mode of operation.
- c) The drive must contribute significant energy savings in normal operation.
- d) The drive must vary motor speed automatically.
- e) The drive must have a true power factor of .90 or greater.
- f) VSD's can cause waveform disturbances on the power lines. Therefore, a line reactor between the power source and the drive must be included. The reactor rating should be as recommended by the VSD supplier but not less than 3 percent impedance of the VSD rating.
- g) Variable speed drives that qualify for The Utility's rebates under other utility programs are not eligible for a rebate payment under this program.

### 7. TAX INFORMATION

The Utility will not be responsible for any tax liability imposed as a result of the rebate payment(s). Customers are advised to consult their tax advisors for details.

### 8. DISCLAIMER

The Utility does not guarantee that the implementation of energy-efficient measures or use of the equipment purchased or installed pursuant to this program will result in energy or cost savings. The Utility makes no warranties, expressed or implied, with respect to any equipment purchased or installed including, but not limited to, any warrant of merchantability or fitness for purpose. In no event shall The Utility be liable for any incidental or consequential damages. Customers are solely responsible for the proper disposal of existing equipment. Consult the Minnesota Pollution Control Agency (MPCA) office for details at (800) 657-3864.

### 9. ENDORSEMENT

The Utility does not endorse any particular vendor, manufacturer, product, or system in promoting this rebate program. Listing a vendor or product does not constitute an endorsement, nor does it imply that unlisted vendors or products are deficient or defective in any way.

### 10. PRIVACY

Information contained in this rebate application may be shared with the Minnesota Department of Commerce and our co-op partners and also may be used in our advertising efforts with your permission as granted in Section 2 of this rebate application.

## RETURN COMPLETED APPLICATION AND REQUIRED DOCUMENTATION TO YOUR UTILITY PROVIDER:

**Austin Utilities**  
400 - 4th Street NE  
Austin, MN 55912  
(507) 433-8886  
(507) 433-5045 fax  
www.austinutilities.com

**Owatonna Public Utilities**  
P.O. Box 800  
Owatonna, MN 55060  
(507) 451-2480  
(507) 451-4940 fax  
www.owatonnautilities.com

**Rochester Public Utilities**  
4000 East River Road NE  
Rochester, MN 55906-2813  
(507) 280-1500  
(507) 280-1542 fax  
www.rpu.org