

New Ulm Public Utilities Commercial Motors & Variable Speed Drives Rebate Application

☐ **Retrofit**

☐ **New Construction**

Be sure to include all invoices showing equipment costs with this application.

1. CUSTOMER INFORMATION (please print)

Business Name	Type of Business		
Contact Name	Daytime Phone Number		
Website (optional)	E-mail Address		
Mailing Address	City	State	Zip
Installation address (if different from mailing address)	City	State	Zip
Account Number	Tax ID		

All rebate checks will be issued following the post-inspection.

How did you hear about this rebate? ☐ Radio ☐ Vendor/Retailer ☐ Utility News ☐ Newspaper Ad
☐ Other _____

I certify that all statements made in the application (including any associated worksheets) are 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

OFFICE USE
ONLY

Date Received

Pre-Inspected?

☐ YES ☐ NO

Date _____ Initials _____

Post-Inspected?

☐ YES ☐ NO

Date _____ Initials _____

TOTAL REBATE AMOUNT \$ _____

2. Terms and Conditions

1. ELIGIBILITY

All projects must be pre-approved to qualify for a rebate. Rebates are available to non-residential electric customers of New Ulm Public Utilities (NUPU). All products must be in use in facilities in the NUPU service territory. The applicant shall be an end-user (i.e., not a wholesaler, distributor or installer) of either commercial or industrial motors or variable speed drives.

2. APPLICATION

Program is offered January 1 through December 31 of the respective calendar year. Forms must be **submitted by January 31** of the following year of purchase/install. **Due to limited funding, this rebate offer can be changed or withdrawn at any time without notice and is available on a first-come, first-serve basis.** Section 1 through 5 (if applicable) of the rebate application must be read and filled out completely or application will be returned.

3. INSPECTION AND VERIFICATION

Equipment installations are subject to inspection by NUPU personnel prior to qualifying for rebate. The NUPU reserves the right to inspect the pre- and post-installation condition of the customer's facility.

4. INSTALLATION AND REBATE AMOUNTS

Qualifying energy-efficient motors and variable speed drives installed and operational within three (3) months of the invoice date are eligible for rebate under the 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. In no case will the rebate paid by the NUPU exceed the purchase price of the equipment. The minimum rebate application is \$50.00. Rebates exceeding \$5,000 per Commercial customer and \$10,000 per Industrial customer are dependent on current Conservation Improvement Program funds and must receive pre-approval from the Energy Services Representative. Rebates over \$5,000 Commercial and \$10,000 Industrial will be granted only if current CIP spending is below the average monthly allotment. The NUPU can, at its sole discretion, increase rebate amounts. Rebates will be based on the horsepower of the motor or VSD, whichever is less.

5. INVOICE AND PAYMENT

Following inspection and verification (see #3) and complete installation, the customer must notify the NUPU and submit copies of original invoices specifying the quality 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 will be issued to the customer. Please allow 6-10 weeks from the date of post-inspection for delivery of rebate check.

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 (Electronically Commutated Permanent Magnet) ECPM's and shall be approved under the electrical safety code. Eligible high-efficiency motors must meet or exceed the NUPU minimum efficiency requirements as identified in the High Efficiency Motor Table (Table 2) according to its respective characteristics. All replacement inventory 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 NUPU rebates under other utility programs are not eligible for a rebate payment under this program.

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

- a) The application does not require a drive as a standard mode of operation
- b) The application must contribute significant energy savings in normal operations.
- c) The drive; must vary motor speed automatically
- d) The drive must have a true power factor of .90 or greater.
- e) 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 no less than 3 percent impedance of the VSD rating.
- f) VSD's that qualify for the NUPU rebates under other utility programs are not eligible for a rebate payment under this program.

7. TAX INFORMATION

The NUPU 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. Customers must submit the appropriate Tax ID or Social Security Number on the application form.

8. DISCLAIMER

The NUPU 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 NUPU 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 NUPU 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.

9. ENDORSEMENT

The NUPU 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 partners.

RETURN COMPLETED APPLICATION AND REQUIRED DOCUMENTATION TO YOUR UTILITY PROVIDER:

New Ulm Public Utilities
310 1st North Street
New Ulm, MN 56073

3. REBATE INFORMATION – HIGH-EFFICIENCY MOTORS (please print)

HIGH-EFFICIENCY MOTORS:

OLD MOTOR(S) (if applicable)			NEW* MOTOR(S)								
	Motor Size (HP)	Motor Efficiency (%)	Motor Manufacturer Name	Motor Serial Number	Annual Operating Hours	Motor Size (HP)	Motor Speed (RPM)	Motor Efficiency** (%)(Table1)	Inventory Motor*** (A,B or C)	Purchase Price	Rebate Amount
1.										\$	\$
2.										\$	\$
3.										\$	\$
4.										\$	\$
5.										\$	\$
6.										\$	\$
7.										\$	\$
8.										\$	\$
9.										\$	\$
10.										\$	\$

TOTAL HIGH-EFFICIENCY MOTOR REBATE:

HIGH-EFFICIENCY MOTOR REBATE TABLE

	Single Phase																			
Motor HP	ECPM# <1/4	ECPM# >=1/4																		
New* or Replaced	\$20	\$50																		
Inventory ***	\$10	\$25																		
	3-Phase																			
Motor HP	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200	
New* or Replaced	\$25	\$30	\$35	\$40	\$50	\$60	\$75	\$100	\$130	\$165	\$175	\$200	\$250	\$275	\$300	\$450	\$525	%550	\$600	
Inventory ***	\$10	\$15	\$20	\$25	\$30	\$35	\$40	\$50	\$65	\$80	\$90	\$100	\$125	\$140	\$150	\$225	\$260	\$275	\$300	

*New means installation of a motor where none existed (not a replacement).

**Note: The National Electric Manufacturers Association (NEMA) nominal efficiency of the new motor(s) must meet or exceed the efficiency shown in Table 1 (High Efficiency Motor Table).

***Inventory Motor: If the new motor is to be placed in inventory, insert the estimated installation date: A = 2 – 12 months

B = 12 – 24 months

C = over 24 months

#ECPM = Electronically commutated Permanent Magnet Motors

TABLE 1 – HIGH-EFFICIENCY MOTOR TABLE

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

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

4. REBATE INFORMATION – VARIABLE SPEED DRIVES (please print)

VARIABLE SPEED DRIVES:

Motor Size (HP)	Motor Efficiency (%)	VSD Manufacturer Name	VSD Serial Number	VSD Size (HP)	Annual Operating Hours	Purchase Price	Rebate Amount
1.						\$	\$
Motor: ☐ New* ☐ Replacement ☐ Inventory Application Description: _____ Application Type: ☐ FAN ☐ PUMP ☐ OTHER Existing Control Method (FAN): ☐ None (New* VSD) ☐ Constant Flow ☐ Outlet Damper ☐ Inlet Vanes Existing Control Method (PUMP): ☐ None (New* VSD) ☐ Throttle Valve							

Motor Size (HP)	Motor Efficiency (%)	VSD Manufacturer Name	VSD Serial Number	VSD Size (HP)	Annual Operating Hours	Purchase Price	Rebate Amount
2.						\$	\$
Motor: ☐ New* ☐ Replacement ☐ Inventory Application Description: _____ Application Type: ☐ FAN ☐ PUMP Existing Control Method (FAN): ☐ None (New* VSD) ☐ Constant Flow ☐ Outlet Damper ☐ Inlet Vanes Existing Control Method (PUMP): ☐ None (New* VSD) ☐ Throttle Valve							

Motor Size (HP)	Motor Efficiency (%)	VSD Manufacturer Name	VSD Serial Number	VSD Size (HP)	Annual Operating Hours	Purchase Price	Rebate Amount
3.						\$	\$
Motor: ☐ New* ☐ Replacement ☐ Inventory Application Description: _____ Application Type: ☐ FAN ☐ PUMP Existing Control Method (FAN): ☐ None (New* VSD) ☐ Constant Flow ☐ Outlet Damper ☐ Inlet Vanes Existing Control Method (PUMP): ☐ None (New* VSD) ☐ Throttle Valve							

Motor Size (HP)	Motor Efficiency (%)	VSD Manufacturer Name	VSD Serial Number	VSD Size (HP)	Annual Operating Hours	Purchase Price	Rebate Amount
4.						\$	\$
Motor: ☐ New* ☐ Replacement ☐ Inventory Application Description: _____ Application Type: ☐ FAN ☐ PUMP Existing Control Method (FAN): ☐ None (<i>New* VSD</i>) ☐ Constant Flow ☐ Outlet Damper ☐ Inlet Vanes Existing Control Method (PUMP): ☐ None (<i>New* VSD</i>) ☐ Throttle Valve							

Motor Size (HP)	Motor Efficiency (%)	VSD Manufacturer Name	VSD Serial Number	VSD Size (HP)	Annual Operating Hours	Purchase Price	Rebate Amount
5.						\$	\$
Motor: ☐ New* ☐ Replacement ☐ Inventory Application Description: _____ Application Type: ☐ FAN ☐ PUMP Existing Control Method (FAN): ☐ None (<i>New* VSD</i>) ☐ Constant Flow ☐ Outlet Damper ☐ Inlet Vanes Existing Control Method (PUMP): ☐ None (<i>New* VSD</i>) ☐ Throttle Valve							

Motor Size (HP)	Motor Efficiency (%)	VSD Manufacturer Name	VSD Serial Number	VSD Size (HP)	Annual Operating Hours	Purchase Price	Rebate Amount
6.						\$	\$
Motor: ☐ New* ☐ Replacement ☐ Inventory Application Description: _____ Application Type: ☐ FAN ☐ PUMP Existing Control Method (FAN): ☐ None (<i>New* VSD</i>) ☐ Constant Flow ☐ Outlet Damper ☐ Inlet Vanes Existing Control Method (PUMP): ☐ None (<i>New* VSD</i>) ☐ Throttle Valve							

VARIABLE SPEED DRIVE REBATE TABLE																			
Drive HP	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200
New* or Replaced	\$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	\$540	\$600	\$750	\$840	\$900	\$1350	\$1560	\$1800

***For HP >200 Please contact the Energy Services Rep at 507-233-2110