

# 2012 Premium Efficient Motor Upgrade Rebate Application

## City of Le Sueur

If you have questions while completing this form, please contact your hometown electric utility weekdays during business hours for assistance.

Phone: 507-665-3338  
Fax: 507-665-6461  
Email: dmeyer@cityoflesueur.com

### Send your completed application to:

City of Le Sueur  
505 Boright Street  
Le Sueur, MN 56058

### Checklist For Application:

- A dated sales receipt
- Yellow EnergyGuide label
- Completed Application

By participating in our We Save program, you can keep save energy and earn a rebate when you replace your existing, operating motor with a new premium efficient motor from 1 hp to 500 hp.

### What rebates can I earn?

#### MOTOR UPGRADE REBATE:

**Premium Efficient Motor = \$20.00 / hp**

**Enhanced Premium Efficient Motor = \$22.00 / hp**

### What are the benefits of premium efficient motors?

- **Energy Savings:** Premium efficient motors are designed to reduce internal losses and therefore reduce energy use.
- **Maintenance Savings and Reliability:** Improved engineering design and manufacturing materials used to build premium efficient motors means they generate less heat and last longer than standard equipment.

### What types of motors/operating conditions benefit the most from being replaced with premium efficient motors?

Replacing existing motors with premium efficient motors results in the greatest potential for savings under the following conditions:

- Motors operating at least 4,000 hours a year
- Motors that are 10 years or older
- Rewound motors
- Motors that are over- or under-sized
- Motors that operate a critical process

Typical applications include: commercial building supply and return fans, industrial process pumps, blowers, process fans, condensate pumps, and chilled water pumps

### How Do I Qualify?

- The MMPA Motor Efficiency Program is available to participating MMPA member cities' business customers in Minnesota.
- **Rebate applies only to new motors (not rewound or repaired motors) that are purchased to replace existing, operating motors.**
- Motor upgrade rebates will not be issued without pre-inspection. Call your local municipal electric utility representative for more information.
- Rebate applies to motors from 1 hp to 500 hp when they meet or exceed premium efficiency standards (see table below) and offer the following features: AC Polyphase induction motor; squirrel cage rotor design; NEMA design B torque characteristic; synchronous speeds of 3600, 1800, 1200 or 900 rpm.
- To qualify for Enhanced motor rebate, motor's nominal efficiency at full load must be at least 1% higher than NEMA Premium Efficiency Standards shown in table below.
- Rebate will be issued in the form of a check, not a utility bill credit. Rebate paid cannot exceed the purchase price of equipment. Please allow 6-8 weeks for the rebate check to arrive.

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### How Do I Qualify (continued)?

- Your local municipal electric utility reserves the right to inspect installations before issuing the rebate and to perform a random verification audit of your project. If MMPA finds that the application does not comply with MMPA rules and qualifications, any rebate amount may be adjusted.
- Customers must apply for rebate within one year of purchasing equipment. The purchase date is the date shown on the customer's invoice.
- Invoice must accompany rebate application.
- Rebate requests are processed on a "first-come first-serve" basis. Annual rebate funds are limited. Rebate program qualifications and amounts are subject to change at any time. The customer is responsible for checking with your local municipal electric utility to determine whether the program is still in effect.
- Qualifying customers must apply for rebate by November 30, 2012.

### Warranty Information

Warranties are between the customer and the equipment manufacturer(s). Participating MMPA members make no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. MMPA 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 participating MMPA members be liable for any incidental or consequential damages. Participating MMPA member cities are not responsible for the disposal of motors replaced as a result of this program.

### Premium Efficiency Motor Standards Nominal Energy Efficiency Levels

| Open Drip-Proof (ODP) |                    |                    |                    | Totally Enclosed Fan-Cooled (TEFC) |                    |                    |                    |
|-----------------------|--------------------|--------------------|--------------------|------------------------------------|--------------------|--------------------|--------------------|
| HP                    | 6-pole<br>1200 RPM | 4-pole<br>1800 RPM | 2-pole<br>3600 RPM | HP                                 | 6-pole<br>1200 RPM | 4-pole<br>1800 RPM | 2-pole<br>3600 RPM |
| 1                     | 82.5               | 85.5               | 77.0               | 1                                  | 82.5               | 85.5               | 77.0               |
| 1.5                   | 86.5               | 86.5               | 84.0               | 1.5                                | 87.5               | 86.5               | 84.0               |
| 2                     | 87.5               | 86.5               | 85.5               | 2                                  | 88.5               | 86.5               | 85.5               |
| 3                     | 88.5               | 89.5               | 85.5               | 3                                  | 89.5               | 89.5               | 86.5               |
| 5                     | 89.5               | 89.5               | 86.5               | 5                                  | 89.5               | 89.5               | 88.5               |
| 7.5                   | 90.2               | 91.0               | 88.5               | 7.5                                | 91.0               | 91.7               | 89.5               |
| 10                    | 91.7               | 91.7               | 89.5               | 10                                 | 91.0               | 91.7               | 90.2               |
| 15                    | 91.7               | 93.0               | 90.2               | 15                                 | 91.7               | 92.4               | 91.0               |
| 20                    | 92.4               | 93.0               | 91.0               | 20                                 | 91.7               | 93.0               | 91.0               |
| 25                    | 93.0               | 93.6               | 91.7               | 25                                 | 93.0               | 93.6               | 91.7               |
| 30                    | 93.6               | 94.1               | 91.7               | 30                                 | 93.0               | 93.6               | 91.7               |
| 40                    | 94.1               | 94.1               | 92.4               | 40                                 | 94.1               | 94.1               | 92.4               |
| 50                    | 94.1               | 94.5               | 93.0               | 50                                 | 94.1               | 94.5               | 93.0               |
| 60                    | 94.5               | 95.0               | 93.6               | 60                                 | 94.5               | 95.0               | 93.6               |
| 75                    | 94.5               | 95.0               | 93.6               | 75                                 | 94.5               | 95.4               | 93.6               |
| 100                   | 95.0               | 95.4               | 93.6               | 100                                | 95.0               | 95.4               | 94.1               |
| 125                   | 95.0               | 95.4               | 94.1               | 125                                | 95.0               | 95.4               | 95.0               |
| 150                   | 95.4               | 95.8               | 94.1               | 150                                | 95.8               | 95.8               | 95.0               |
| 200                   | 95.4               | 95.8               | 95.0               | 200                                | 95.8               | 96.2               | 95.4               |
| 250                   | 95.4               | 95.8               | 95.0               | 250                                | 95.8               | 96.2               | 95.8               |
| 300                   | 95.4               | 95.8               | 95.4               | 300                                | 95.8               | 96.2               | 95.8               |
| 350                   | 95.4               | 95.8               | 95.4               | 350                                | 95.8               | 96.2               | 95.8               |
| 400                   | 95.8               | 95.8               | 95.8               | 400                                | 95.8               | 96.2               | 95.8               |
| 450                   | 96.2               | 96.2               | 95.8               | 450                                | 95.8               | 96.2               | 95.8               |
| 500                   | 96.2               | 96.2               | 95.8               | 500                                | 95.8               | 96.2               | 95.8               |

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## City of Le Sueur

COMPLETE THESE SIX EASY STEPS TO GET YOUR REBATE.

### STEP 1: CUSTOMER INFORMATION (please print clearly)

Company Name \_\_\_\_\_  
Account Number \_\_\_\_\_  
Contact Name \_\_\_\_\_  
Phone (daytime) \_\_\_\_\_ Email \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Installation Address (if different) \_\_\_\_\_

### STEP 2: SELECT BUILDING TYPE

Select one:  Office  Restaurant  Retail  Grocery  Warehouse  Elem/Second School  
 College  Health  Hospital  Hotel/Motel  Other: \_\_\_\_\_

### STEP 3: COMPLETE PREMIUM EFFICIENT MOTOR UPGRADE REBATE CALCULATION TABLE

The attached Rebate Calculation Table calculates the dollar amount of the rebate. Table must be filled out for all motors that a rebate is being requesting for. Rebate paid cannot exceed the purchase price of equipment.

### STEP 4: ENTER VENDOR INFORMATION

Vendor Name \_\_\_\_\_ Vendor Contact Name \_\_\_\_\_  
Vendor Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Daytime Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

### STEP 5: ATTACH NECESSARY DOCUMENTATION

*The following documents must be submitted with your rebate application.*

- Copy of dated sales receipt including Manufacturer, Model and/or Serial Number  
 Copy of Yellow EnergyGuide label.

### STEP 6: CUSTOMER SIGNATURE

I hereby certify that all information is accurate including claims of efficiency, size and customer information. I have read all information on this form and agree that MMPA may verify information I have provided.

X \_\_\_\_\_ Date \_\_\_\_\_

FOR MMPA USE ONLY. DO NOT WRITE IN THIS AREA.

Customer Type (select one):  Commercial  Industrial

Approved By \_\_\_\_\_ Date \_\_\_\_\_ Rebate Amount \$ \_\_\_\_\_



# City of Le Sueur

# 2012 Premium Efficient Motor Upgrade Rebate Calculation Table

| End Use Code<br>(see table)                     | Annual Oper Hours | Manufacturer | Motor Type<br>ODP/TEFC | RPM | Model No. | Nominal Efficiency | hp (each) | Qty | Total hp | Rebate \$/hp | Total Rebate |
|---|-------------------|--------------|------------------------|-----|-----------|--------------------|-----------|-----|----------|--------------|--------------|
| <b>PREMIUM EFFICIENT MOTOR UPGRADE</b>          |                   |              |                        |     |           |                    |           |     |          |              |              |
| 1   |                   |              |                        |     |           | %                  |           |     |          | \$20.00      | \$           |
| 2   |                   |              |                        |     |           | %                  |           |     |          | \$20.00      | \$           |
| 3   |                   |              |                        |     |           | %                  |           |     |          | \$20.00      | \$           |
| 4   |                   |              |                        |     |           | %                  |           |     |          | \$20.00      | \$           |
| 5   |                   |              |                        |     |           | %                  |           |     |          | \$20.00      | \$           |
| <b>ENHANCED PREMIUM EFFICIENT MOTOR UPGRADE</b> |                   |              |                        |     |           |                    |           |     |          |              |              |
| 6   |                   |              |                        |     |           | %                  |           |     |          | \$22.00      | \$           |
| 7   |                   |              |                        |     |           | %                  |           |     |          | \$22.00      | \$           |
| 8   |                   |              |                        |     |           | %                  |           |     |          | \$22.00      | \$           |
| 9   |                   |              |                        |     |           | %                  |           |     |          | \$22.00      | \$           |
| 10  |                   |              |                        |     |           | %                  |           |     |          | \$22.00      | \$           |
|   |                   |              |                        |     |           |                    |           |     |          | <b>Total</b> | <b>\$</b>    |

| HVAC Air Handling | Pumps                 | Conveyors                 | Cooling              |
|-------------------|-----------------------|---------------------------|----------------------|
| AH = Air Handlers | WP = Waste Water Pump | B = Belts                 | PC = Process Cooling |
| SF = Supply Fans  | CP = Cooling Pump     | <b>Process</b>            | HC = HVAC Condensing |
| RF = Return Fans  | PP = Process Pump     | PNC = Process Non-Cooling |                      |
| EF = Exhaust Fans | HP = Heat Pump        |                           |                      |