

# 2019 Business Motor Rebate Application



6388 Maple Street  
North Branch, MN 55056  
Phone (651) 674-7100

LIMITED FUNDING: Contact your local Utility to confirm rebate availability.

## CUSTOMER INFORMATION

Check here if you are applying for multiple Business Rebates and the information entered on this page is the same for all projects. If so, only one cover page needs to be completed and submitted with all rebate applications.

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

Mailing Address \_\_\_\_\_

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

Installation Address (if different) \_\_\_\_\_

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

Account Number \_\_\_\_\_

Type of Business:

- College     Elementary School     Grocery/Supermarket     Health     Hospital     Hotel/Motel     Manufacturing  
 Multifamily     Secondary School     Other/Miscellaneous     Office     Retail     Restaurant     Warehouse

Facility Size (ft<sup>2</sup>) \_\_\_\_\_

Occupancy:     Own     Rent/Lease

- How did you hear about our rebates:     Contractor     Vendor/Retailer     Radio     TV  
 Utility Newsletter     Utility Representative     Utility Website     Utility Mail/Email  
 Newspaper Ad     Chamber of Commerce     Questline     Other

## CONTACT INFORMATION

Name \_\_\_\_\_

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

I certify that the information on this application (and any associated worksheets) is correct and request consideration for participation in this program. I have read and agree to the terms and conditions on the reverse side of the application. 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 Signature \_\_\_\_\_ Date \_\_\_\_\_

Project Status:     Completed     Not Started     In Process    Est. Project Completion Date \_\_\_\_\_

## CONTRACTOR INFORMATION

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

Address \_\_\_\_\_

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

Contact Name \_\_\_\_\_

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

### INTERNAL USE ONLY – PLEASE DO NOT WRITE IN THIS SPACE

Date Received: \_\_\_\_\_ Pre-Inspected?     Yes     No    Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
Post-Inspected?     Yes     No    Date: \_\_\_\_\_ Initials: \_\_\_\_\_

# 2019 Business Motor Rebate Application



## NEMA Premium-Efficiency and Enhanced Premium-Efficiency Motors

General Info			Existing Motor Efficiency (if applicable) (%)	New Motor										Rebate per Motor (from tables below)	Total Rebate
N = New Installation R = Replace Failed W = Replace Working! I = Inventory	Qty	Motor Size (HP)		Speed (RPM)	Enclosure <sup>2</sup> (circle one)	Manufacturer	Model Number	Serial Number	Full-load Efficiency <sup>3</sup> (%)	Enhanced? <sup>4</sup>	Annual Hours of Operation	Estimated Installation Date <sup>5</sup>	Motor Cost		
				TEFC/EP/ODP									\$	\$	\$
				TEFC/EP/ODP									\$	\$	\$
				TEFC/EP/ODP									\$	\$	\$
				TEFC/EP/ODP									\$	\$	\$
				TEFC/EP/ODP									\$	\$	\$
				TEFC/EP/ODP									\$	\$	\$
				TEFC/EP/ODP									\$	\$	\$

<sup>1</sup> Existing motor must be **in working condition** for the new motor to be eligible for the “Replace Working” motor rebate.

**Total Rebate Amount \$** \_\_\_\_\_

<sup>2</sup> Motor Enclosure Types:

**TEFC** – Totally Enclosed Fan Cooled

**EP** – Explosion Proof

**ODP** – Open Drip Proof

<sup>3</sup> The NEMA nominal full-load efficiency of the new motor must meet or exceed the efficiency shown in Premium-Efficiency Motor Table 6.

<sup>4</sup> Check this column if the new motor efficiency meets or exceeds the “Enhanced” efficiency shown in Enhanced Premium-Efficiency Motor Table 7. If applicable, select rebate from Table 2.

<sup>5</sup> For inventoried Enhanced Premium-Efficiency Motors only, please insert estimated installation date (A=2-12 Months, B=12-24 Months, C=Over 24 Months).

**TABLE 1 – Premium-Efficiency Motor Rebate Schedule** (must replace a working motor)

Motor HP	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200
<b>Replace Working</b>	\$100	\$120	\$140	\$160	\$200	\$240	\$300	\$400	\$520	\$660	\$700	\$800	\$1,000	\$1,100	\$1,200	\$1,800	\$2,100	\$2,200	\$2,400

**TABLE 2 – Enhanced Premium-Efficiency Motor Rebate Schedule**

Motor HP	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150	200
<b>New or Replace Failed</b>	\$40	\$45	\$55	\$60	\$75	\$90	\$115	\$150	\$200	\$250	\$275	\$300	\$375	\$400	\$450	\$675	\$775	\$825	\$900
<b>Replace Working</b>	\$120	\$135	\$165	\$180	\$225	\$270	\$345	\$450	\$600	\$750	\$825	\$900	\$1,125	\$1,200	\$1,350	\$2,025	\$2,325	\$2,475	\$2,700
<b>Inventory</b>	\$15	\$25	\$30	\$40	\$45	\$50	\$60	\$75	\$100	\$120	\$135	\$150	\$190	\$210	\$225	\$340	\$390	\$415	\$450

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## ECM Evaporator Fan Motors in Refrigerated Cases

Project Type <sup>1</sup> (check one)	Case Type (check one)	Case Temp. (check one)	Existing Motor Type <sup>2</sup> (retrofit only - check one)	Case Description/Location	ECM Motors		Rebate per ECM Motor (Table 3)	Total Rebate
					Quantity Installed	Total Cost		
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Reach-in <input type="checkbox"/> Walk-in	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor			\$	\$	\$

<sup>1</sup> Rebates are not available for ECM motors in new walk-in coolers or freezers. For walk-in units, only the retrofit of existing motors qualify.

**Total Rebate Amount \$** \_\_\_\_\_

<sup>2</sup> For retrofit projects, new ECM motors must replace existing shaded pole or permanent split capacitor fan motors.

ECM – Electronically Commutated Motor

**TABLE 3 – Qualifying Equipment and Rebate Schedule**

Project Type	Case Type	Case Temp.	Existing Motor Type	Rebate per ECM Motor
Retrofit	All	Cooler	Shaded Pole	\$40
Retrofit	All	Cooler	Permanent Split Capacitor	\$15
Retrofit	All	Freezer	Shaded Pole	\$50
Retrofit	All	Freezer	Permanent Split Capacitor	\$20
New Case	Reach-in	Cooler	Not applicable	\$40
New Case	Reach-in	Freezer	Not applicable	\$50
New Case	Walk-in	All	Not applicable	Not eligible

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## ECM Motors on Refrigeration Compressors or Condenser Fans

Project Type (check one)	Refrigeration Temp. (check one)	Existing Motor Type <sup>1</sup> (retrofit only - check one)	Motor Size (Horsepower - check one)				ECM Motors		Rebate per ECM Motor	Total Rebate
							Quantity Installed	Total Cost		
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New Case	<input type="checkbox"/> Cooler <input type="checkbox"/> Freezer	<input type="checkbox"/> Shaded Pole <input type="checkbox"/> Permanent Split Capacitor <input type="checkbox"/> Unknown	<input type="checkbox"/> 1/20 <input type="checkbox"/> 1/15	<input type="checkbox"/> 1/10 <input type="checkbox"/> 1/6	<input type="checkbox"/> 1/3	<input type="checkbox"/> Unknown/ Other		\$	\$40	\$

<sup>1</sup> For retrofit projects, new ECM motors must replace existing shaded pole or permanent split capacitor fan motors.

**Total Rebate Amount \$** \_\_\_\_\_

ECM – Electronically Commutated Motor

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## ECM HVAC Fan Motors

Project Type (check one)	Design CFM	Make	Model	Annual Cooling Hours (see Table 4)	Annual Heating Hours (see Table 4)	Quantity	Total Cost	Rebate per Unit	Total Rebate
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New							\$	\$60	\$

ECM – Electronically Commutated Motor

**TABLE 4 – Guidelines for Cooling and Heating Hours**

**Total Rebate Amount \$ \_\_\_\_\_**

Business Type	Cooling Hours	Heating Hours
Convenience Store	986	1,546
Education - Community College/ University	785	1,616
Education - Primary	408	1,961
Education - Secondary	563	2,098
Health/Medical - Clinic	865	1,830
Health/Medical - Hospital	1,298	2,054
Lodging/Multifamily	754	1,934
Manufacturing	589	1,144
Office - Low Rise	446	1,610
Office - Mid Rise	651	1,793
Office - High Rise	1,263	1,760
Other/Miscellaneous	729	1,739
Restaurant	652	1,530
Retail - Large Department Store	686	1,444
Retail - Strip Mall	574	1,393
Warehouse	409	1,533

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## ECM Circulator Pumps

Project Type (check one)	Pump Type (check one)	Size <sup>1</sup>	Make	Model	Quantity	Total Cost	Rebate per Unit (Table 5)	Total Rebate
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$
<input type="checkbox"/> Retrofit <input type="checkbox"/> New	<input type="checkbox"/> Cooling Water Circulator Pump <input type="checkbox"/> Heating Water Circulator Pump <input type="checkbox"/> Domestic Hot Water Circulator Pump	_____ Watts				\$	\$	\$

ECM – Electronically Commutated Motor

**Total Rebate Amount \$ \_\_\_\_\_**

<sup>1</sup> Circulator pump motor must be no greater than 750 Watts (1 Horsepower) in size.

Motor Wattage = Rated Horsepower x 746

Example: 3/4 HP Motor = 3 / 4 x 746 = 560 Watts

**TABLE 5 – Qualifying Equipment and Rebate Schedule**

Code	Size	Rebate per Unit
ECMCP1-19	< 100 Watts	\$50
ECMCP2-19	100 - 499 Watts	\$200
ECMCP3-19	500 - 750 Watts	\$600

## Table 6: Premium-Efficiency Motor Table

(Minimum Qualifying Motor Efficiencies)

Motor HP	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
1.0	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%

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

Revised 12/16

# Table 7: Enhanced Premium-Efficiency Motor Table

(Minimum Qualifying Motor Efficiencies)

Motor HP	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
1.0	78.0%	86.5%	83.5%	78.0%	78.0%	86.5%	83.5%	78.0%
1.5	85.0%	87.5%	88.5%	81.0%	85.0%	87.5%	87.5%	79.5%
2.0	86.5%	87.5%	89.5%	86.5%	86.5%	87.5%	88.5%	88.5%
3.0	87.5%	90.5%	90.5%	86.5%	86.5%	90.5%	89.5%	89.5%
5.0	89.5%	90.5%	90.5%	88.5%	87.5%	90.5%	90.5%	90.5%
7.5	90.5%	92.7%	92.0%	89.5%	89.5%	92.0%	91.2%	92.0%
10.0	91.2%	92.7%	92.0%	92.0%	90.5%	92.7%	92.7%	92.7%
15.0	92.0%	93.4%	92.7%	92.0%	91.2%	94.0%	92.7%	92.7%
20.0	92.0%	94.0%	92.7%	92.7%	92.0%	94.0%	93.4%	93.4%
25.0	92.7%	94.6%	94.0%	92.7%	92.7%	94.6%	94.0%	93.4%
30.0	92.7%	94.6%	94.0%	94.0%	92.7%	95.1%	94.6%	94.0%
40.0	93.4%	95.1%	95.1%	94.0%	93.4%	95.1%	95.1%	94.0%
50.0	94.0%	95.5%	95.1%	94.6%	94.0%	95.5%	95.1%	94.6%
60.0	94.6%	96.0%	95.5%	94.6%	94.6%	96.0%	95.5%	95.1%
75.0	94.6%	96.4%	95.5%	95.5%	94.6%	96.0%	95.5%	96.0%
100.0	95.1%	96.4%	96.0%	95.5%	94.6%	96.4%	96.0%	96.0%
125.0	96.0%	96.4%	96.0%	96.0%	95.1%	96.4%	96.0%	96.0%
150.0	96.0%	96.8%	96.8%	96.0%	95.1%	96.8%	96.4%	96.0%
200.0	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 Rebate Program.

Revised 12/16



# TERMS AND CONDITIONS

## 1. ELIGIBILITY

Rebates are available to non-residential customers of the Utility. All products must be in use in facilities in the Utility service territory. The applicant shall be an end-user (i.e., not a motor wholesaler, distributor, or installer) of either commercial or industrial motors.

## 2. APPLICATION PERIOD

The program is offered January 1 through December 31 of the respective calendar year. Due to limited funding, this rebate offer can be withdrawn at any time without notice, and is available on a first-come, first-serve basis. All projects must be pre-approved by the Utility to qualify for a rebate.

## 3. INSPECTION AND VERIFICATION

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

## 4. INSTALLATION AND REBATE AMOUNTS

Qualifying energy-efficient motors must be new and installed and operational within two (2) months of the date of purchase are eligible for rebate under the NEW or REPLACEMENT rebate schedule. Additional time may be granted subject to the Utility's pre-approval. Qualifying energy-efficient motors 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 Utility exceed the purchase price of the equipment. The maximum rebate amount may be limited.

## 5. INVOICE AND PAYMENT

When the purchase is completed, 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 invoices and on-site verification, a rebate check will be issued to the Customer. Please allow 60 days from the date of on-site inspection for delivery of payment.

## 6. EQUIPMENT ELIGIBILITY REQUIREMENTS

### **NEMA Premium-Efficiency and Enhanced Premium-Efficiency Motors:**

Eligible motors must be NEMA design B or C, AC – 3-phase, 1 to 200 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 shown in the Premium-Efficiency Motor Tables according to its respective characteristics. New motor must replace working motor to be eligible for Premium-Efficiency motor rebates shown in Table 1. 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 Utility rebates under other Utility programs are not eligible for a rebate payment under this program.

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

The NEMA-rated full-load efficiency of the new motor must meet or exceed the efficiency shown in Motor Table 7 to be eligible for the Enhanced Premium-Efficiency Motor Rebate.

### **ECM Evaporator Fan Motors in Refrigerated Cases:**

Eligible motors must be new electronically commutated motors (ECM). For retrofit projects, new ECM motors must replace existing shaded pole or permanent split capacitor evaporator fan motors. Removed fan motors must not be re-used within Utility's service territory. Rebates are not available for ECM motors in new walk-in coolers or freezers.

### **ECM Motors on Refrigeration Condenser Fans:**

Eligible motors must be new electronically commutated motors (ECM). For retrofit projects, new ECM motors must replace existing shaded pole or permanent split capacitor evaporator fan motors. Removed fan motors must not be re-used within Utility's service territory.

### **ECM HVAC Fan Motors:**

Eligible motors must be new electronically commutated, DC brushless, or permanent magnet style on fan-powered terminal box, fan coil, or HVAC supply/return air fan. Removed fan motors must not be re-used within Utility's service territory.

**ECM Circulator Pumps:**

Eligible circulator pump motors must be new electronically commutated, DC brushless, or permanent magnet style. Circulator pump motor must be capable of variable speed operation and must include integrated controls that automatically modulate flow based on demand. Circulator pump motor must be > 1/50 horsepower and < 1 horsepower in size. Removed fan motors must not be re-used within Utility's service territory.

**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 detail. Customers must submit the appropriate Tax ID or Social Security Number on the application form.

**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) 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.