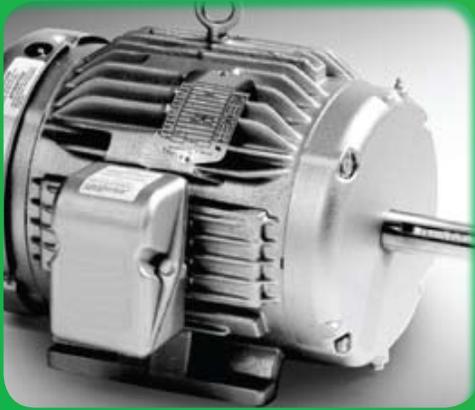


2009 Illinois Motors & Variable-Speed Drives Program



Adding flexibility to your production processes can make a big difference in your operational efficiency.



**If your system
doesn't always run at
the same speed, neither
should your motors.**



The EnergyAdvantage[®] Motors & Variable-Speed Drives

**program offers our commercial and industrial customers
in Illinois incentives for installation of energy-efficient
motors and/or variable-speed drive equipment.**

There are simple dollars-and-cents reasons to utilize the Motors & Variable-Speed Drives program. In general, NEMA Premium[®]-efficient motors are 2-8 percent more efficient than standard motors. Adding a variable-speed drive to a NEMA Premium-efficient motor in an appropriate application saves even more because the motor then consumes less energy when load requirements are less than full speed. Qualifying equipment is eligible for financial incentives in the form of cash rebates.

When Should You Install a Variable-Speed Drive?

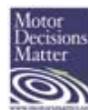
Commercial and industrial energy customers should consider installing variable-speed drive equipment if the motors are utilized for increased operating hours and have a higher variability of loads on the system (centrifugal pumps and fans) or the application of use includes mechanical throttling (valves, dampers, etc.). Variable-speed drives match the speed of the motor-driven equipment to the process requirement. Applications with low variability of loads such as vibrating conveyors, punch presses, rock crushers, machine tools and other applications where the motor runs at constant speed are not good candidates for a variable-speed drive.

The variable-speed drive incentive is \$30 per horsepower of the motor being used. The motor must be 5 horsepower or greater to qualify for an incentive.

When Should a Motor be Replaced?

Because electricity accounts for 97 percent of a motor's lifetime costs, choosing a NEMA Premium-efficient motor is appropriate before a motor fails, when a motor fails and for new installations. Other reasons for considering replacing motors are loading factors and age. Premium motors are generally most efficient at a loading factor of 75 percent. Motors operating above or below this loading factor may be candidates for resizing. Older units having high operating hours or which have been rewound also can be considered for replacement.

Qualifying motor incentives can be referenced on the table on the back page. Motors greater than 200 HP and others not listed in the table can be reviewed for incentive eligibility through MidAmerican's EnergyAdvantage Custom Systems program.



For additional resources regarding motor systems management, visit www.motorsmatter.org.



For detailed motor efficiency information, visit www.nema.org/gov/energy/efficiency/premium.

Call **800-894-9599** today.

Consider These Benefits

Motor systems improvements will generally:

- Reduce energy costs,
- Improve plant efficiency and load factor,
- Minimize unscheduled downtime and
- Reduce maintenance costs.

Minimum annual operating hours for both motors and drives to qualify for incentives is 3,000 out of a possible 8,760 hours.

How to Participate

Please follow the appropriate procedure described below.

1. For motors, please refer to Incentives Available table for amounts.
2. For VSDs, incentive of \$30/HP of the motor being used, 5 HP and larger.
3. Installer completes Equipment Information and Motor/Drive Information sections.

4. Customer completes Customer Information, Operating Information and Customer Agreement and submits form, along with copy of dated invoice, including manufacturer's name, model and serial number and quantity of energy-efficient equipment purchased and installed to:

MidAmerican Energy Company
EnergyAdvantage Programs
P.O. Box 7232
Des Moines, IA 50309-7232

or fax to 515-244-8825

Once equipment is operating and your application is reviewed and approved by MidAmerican, your incentive check will be issued. Please allow two to three weeks for processing.

Questions?

Customers may call MidAmerican toll free at 800-894-9599 with questions about the program or to check the status of an incentive.

Terms and Conditions

- The program is available to all nonresidential electric customers in MidAmerican's Illinois service territory.
- **Incentives exceeding \$10,000 require preapproval by MidAmerican.** Projects must be completed within six months of preapproval.
- Installations must meet the Institute of Electrical and Electronic Engineers' IEEE 519, current ANSI standard.
- MidAmerican may require verification of sales receipts and canceled checks as well as on-site verification of the installation prior to or after issuance of the incentive check.
- Applications must be submitted within three months of equipment installation in existing buildings and within six months of equipment installation in new construction.
- An itemized and dated invoice from the contractor must accompany the equipment application. Applications must be completed in full; incomplete applications will delay processing and may be returned. Attach a copy of invoice.
- Incentive checks will be issued to building owner or account holder when equipment is installed in existing building. Checks will be issued to builder/general contractor or building owner when equipment is installed in new building.
- Equipment must be installed and operating prior to submission of application.
- **MidAmerican reserves the right to verify installations.**
- MidAmerican reserves the right to install a metering device on new equipment to verify energy savings.
- Incentive may be subject to income tax. Consult your tax advisor for more information.
- This program is subject to change or cancellation without notice.

Federal Tax Credits for Energy Efficiency

Consult your tax advisor for any applicable federal tax credit incentives available for installation of energy-efficient equipment.

Disclaimer: MidAmerican does not guarantee that installation and operation of energy-efficient equipment will result in reduced usage or in cost savings. The manner in which a customer uses and maintains energy-efficient equipment affects potential cost savings. MidAmerican makes no warranties, expressed or implied, with respect to any equipment purchased or installed, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. In no event shall MidAmerican be held liable for any incidental or consequential damages or injuries resulting from defective equipment or installation. MidAmerican reserves the right to cancel or change these programs at any time. MidAmerican's acceptance of this application does not guarantee payment of incentive.

2009 Illinois Variable-Speed Drive Rebate Application

Please complete this application and attach copies of invoices. Please provide drive specification sheets.

Mail to: MidAmerican Energy Company, EnergyAdvantage Programs,
P.O. Box 7232, Des Moines, IA 50309-7232 **or fax** to 515-244-8825.
Call 800-894-9599 with questions about the program.

ATTENTION DEALERS
Please photocopy this form and save the original for future use or download forms from www.midamericanenergy.com/illinois_motors.

Customer Information

MidAmerican account number (found on bill) _____
 Installation address _____
 City _____ State _____ ZIP _____
 Company name on bill _____
 Incentive check (if applicable) should be payable to _____
 Mailing address _____
 City _____ State _____ ZIP _____
 Contact person _____ Title _____
 Phone _____ E-mail address _____

Customer Agreement (Signature required before application is processed.)

My signature indicates consent to and agreement with all program terms and conditions; and certifies that all information on this application is correct; and that all of the listed new equipment has been purchased, installed and is operating at the indicated location.

I understand that MidAmerican reserves the right to inspect and verify installation before or after issuing the rebate payment.

Customer signature _____ Date _____

Equipment Information

Will the equipment be installed in a: New facility Existing facility Agribusiness facility
 Location (e.g. department, building, machine) _____
 Installation date _____

Installing Dealer Information

Dealer name _____
 Address _____
 City _____ State _____ ZIP _____
 Contact person _____ Phone _____ Fax _____
 E-mail address _____ Signature _____

Variable-Speed Drive Information (Please list each VSD separately and attach specification sheets.)

Incentive of \$30/HP of the motor (≥ 5 HP) being used

MANUFACTURER	MODEL OR CATALOG #	SERIAL #	RATING (HP)	EFFICIENCY PERCENT	EQUIPMENT COST	INSTALLATION LABOR (COST)	CONTROLLED MOTOR INFORMATION	
							RATING (HP)	EFFICIENCY PERCENT

Type of Application (check one)

- Heating/cooling equipment
- Other _____

Operating Information

VSD Hours of Operation: (please circle a.m. or p.m.)
 Monday - Friday _____ a.m./p.m. to _____ a.m./p.m.
 Saturday _____ a.m./p.m. to _____ a.m./p.m.
 Sunday _____ a.m./p.m. to _____ a.m./p.m.
 Estimated total hours per year _____ out of 8,760 possible
 June - Sept. Oct. - May Year - round Other _____

Note: 3,000 operating hours minimum required for incentives.

For MidAmerican Use
 Date received ____/____/____ Date approved ____/____/____ Equipment approved by _____
 Incentive amount _____

2009 Illinois Premium Motor Rebate Application

Please complete this application and attach copies of invoices. Please provide drive specification sheets.

Mail to: MidAmerican Energy Company, EnergyAdvantage Programs,
P.O. Box 7232, Des Moines, IA 50309-7232 **or fax** to 515-244-8825.
Call 800-894-9599 with questions about the program.

ATTENTION DEALERS
Please photocopy this form and save the original for future use or download forms from www.midamericanenergy.com/illinois_motors.

Customer Information

MidAmerican account number (found on bill) _____
 Installation address _____
 City _____ State _____ ZIP _____
 Company name on bill _____
 Incentive check (if applicable) should be payable to _____
 Mailing address _____
 City _____ State _____ ZIP _____
 Contact person _____ Title _____
 Phone _____ E-mail address _____

Customer Agreement (Signature required before application is processed.)

My signature indicates consent to and agreement with all program terms and conditions; and certifies that all information on this application is correct; and that all of the listed new equipment has been purchased, installed and is operating at the indicated location. **I understand that MidAmerican reserves the right to inspect and verify installation before or after issuing the rebate payment.**

Customer signature _____ **Date** _____

Equipment Information

Will the equipment be installed in a: New facility Existing facility Agribusiness facility
 Location (e.g. department, building, machine) _____
 Installation date _____

Installing Dealer Information

Dealer name _____
 Address _____
 City _____ State _____ ZIP _____
 Contact person _____ Phone _____ Fax _____
 E-mail address _____ **Signature** _____

NEMA Premium Motor Information (Please list each motor separately and attach specification sheets.)

MANUFACTURER	MODEL OR CATALOG #	SERIAL #	RATING (HP)	EFFICIENCY PERCENT	MOTOR SPEED	TEFC or ODP	MOTOR COST	INSTALLATION LABOR (COST)

Type of Application (check one)

- Heating/cooling equipment
 Other _____

Operating Information

Motor Hours of Operation: (please circle a.m. or p.m.)
 Monday - Friday _____ a.m./p.m. to _____ a.m./p.m.
 Saturday _____ a.m./p.m. to _____ a.m./p.m.
 Sunday _____ a.m./p.m. to _____ a.m./p.m.
 Estimated total hours per year _____ out of 8,760 possible
 June - Sept. Oct. - May Year - round Other _____

Note: 3,000 operating hours minimum required for incentives.

For MidAmerican Use
 Date received ____/____/____ Date approved ____/____/____ Equipment approved by _____
 Incentive amount _____

Motor Incentives Available (Three Phase Only)

NEMA Premium – TEFC Motors

HORSE POWER	SPEED in RPM	NOMINAL EFFICIENCY	INCENTIVES AVAILABLE
1	3600	77.0%	\$25
	1800	85.5%	\$35
	1200	82.5%	\$35
1.5	3600	84.0%	\$25
	1800	86.5%	\$45
	1200	87.5%	\$45
2	3600	85.5%	\$35
	1800	86.5%	\$50
	1200	88.5%	\$40
3	3600	86.5%	\$35
	1800	89.5%	\$50
	1200	89.5%	\$65
5	3600	88.5%	\$45
	1800	89.5%	\$55
	1200	89.5%	\$90
7.5	3600	89.5%	\$70
	1800	91.7%	\$65
	1200	91.0%	\$135
10	3600	90.2%	\$70
	1800	91.7%	\$80
	1200	91.0%	\$160
15	3600	91.0%	\$155
	1800	92.4%	\$80
	1200	91.7%	\$185
20	3600	91.0%	\$125
	1800	93.0%	\$120
	1200	91.7%	\$260
25	3600	91.7%	\$200
	1800	93.6%	\$170
	1200	93.0%	\$240
30	3600	91.7%	\$200
	1800	93.6%	\$200
	1200	93.0%	\$255
40	3600	92.4%	\$210
	1800	94.1%	\$220
	1200	94.1%	\$385
50	3600	93.0%	\$310
	1800	94.5%	\$300
	1200	94.1%	\$425
60	3600	93.6%	\$310
	1800	95.0%	\$385
	1200	94.5%	\$450
75	3600	93.6%	\$385
	1800	95.4%	\$520
	1200	94.5%	\$575
100	3600	94.1%	\$695
	1800	95.4%	\$645
	1200	95.0%	\$1,000
125	3600	95.0%	\$475
	1800	95.4%	\$700
	1200	95.0%	\$625
150	3600	95.0%	\$600
	1800	95.8%	\$675
	1200	95.8%	\$900
200	3600	95.4%	\$700
	1800	96.2%	\$725
	1200	95.8%	\$1,275

NEMA Premium – Open Drip Proof

HORSE POWER	SPEED in RPM	NOMINAL EFFICIENCY	INCENTIVES AVAILABLE
1	3600	77.0%	\$15
	1800	85.5%	\$25
	1200	82.5%	\$20
1.5	3600	84.0%	\$30
	1800	86.5%	\$25
	1200	86.5%	\$30
2	3600	85.5%	\$25
	1800	86.5%	\$25
	1200	87.5%	\$35
3	3600	85.5%	\$25
	1800	89.5%	\$30
	1200	88.5%	\$45
5	3600	86.5%	\$30
	1800	89.5%	\$40
	1200	89.5%	\$40
7.5	3600	88.5%	\$60
	1800	91.0%	\$70
	1200	91.2%	\$175
10	3600	89.5%	\$45
	1800	91.7%	\$100
	1200	91.7%	\$190
15	3600	90.2%	\$90
	1800	93.0%	\$140
	1200	91.7%	\$195
20	3600	91.0%	\$95
	1800	93.0%	\$115
	1200	92.4%	\$195
25	3600	91.7%	\$125
	1800	93.6%	\$125
	1200	93.0%	\$120
30	3600	91.7%	\$140
	1800	94.1%	\$125
	1200	93.6%	\$120
40	3600	92.4%	\$120
	1800	94.1%	\$175
	1200	94.1%	\$190
50	3600	93.0%	\$115
	1800	94.5%	\$105
	1200	94.1%	\$190
60	3600	93.6%	\$125
	1800	95.0%	\$205
	1200	94.5%	\$225
75	3600	93.6%	\$390
	1800	95.0%	\$255
	1200	94.5%	\$225
100	3600	93.6%	\$390
	1800	95.4%	\$360
	1200	95.0%	\$315
125	3600	94.1%	\$355
	1800	95.4%	\$400
	1200	95.0%	\$375
150	3600	94.1%	\$265
	1800	95.8%	\$250
	1200	95.4%	\$500
200	3600	95.0%	\$500
	1800	95.8%	\$430
	1200	95.4%	\$785

For motors > 200 HP, please use the Nonresidential Custom Systems program.



800-894-9599



www.MIDAMERICANENERGY.com/illinois_ee