

2012 IOWA

MONEY FOR MOTORS PROGRAM

*Save money and increase reliability
by replacing an antiquated motor before
it fails and shuts down your operation.*



save
some
green.®

 **MidAmerican**
ENERGY
OBSESSIVELY, RELENTLESSLY *AT YOUR SERVICE*®

Downtime can be very costly to your company. How much faith do you have in that 30-year-old electric motor? MidAmerican Energy Company's EnergyAdvantage® Money for Motors program can enhance the reliability of your facility.

Unexpected downtime costs some business owners tens of thousands of dollars every hour their facility is not operating. MidAmerican Energy's Money for Motors program offers a bounty to replace outdated working motors with efficient motors that meet today's efficiency standards. Efficient motors save energy by using better grades of electrical steel, have better and sometimes sealed bearings, offer better internal air flow, have closer internal tolerances, offer less resistance and larger diameter copper wire, and run cooler. Depending upon a number of factors, a new motor of at least NEMA Premium® efficiency standards can offer efficiency gains of 5-8 percent over antiquated motors.

Industry sources indicate motors 25 horsepower and larger often are rewound upon failure; some motors are rewound multiple times. Industry sources also indicate that unless a motor is rewound using best-practice techniques, efficiency percentages often are less than what is stated on the motor's nameplate.

How It Works

MidAmerican Energy will offer a bounty to customers who remove and, in an environmentally safe manner, dispose of old, inefficient motors. If the replacement motor meets specific energy efficiency requirements, an additional incentive may be available for the new motor. An incentive is offered to the motor distributor to help with the recycling process and lessen the burden on the owner. The old motor must be taken out of service to qualify for the bounty.



This program is in effect through Dec. 31, 2013. Circumstances may require MidAmerican Energy to modify program procedures or incentives.

Participant Requirements

1. Only motors built before Nov. 24, 1997, qualify for replacement.
2. The motor being replaced must be operating.
3. The motor being replaced must be 1-500 HP, general purpose, three-phase, ODP or TEFC, 2, 4 or 6-pole.
4. A new motor must be installed, and the motor being used must be scrapped.
5. A replacement motor for 1-200 HP efficiency must meet or exceed NEMA Premium, MG-1, Table 12-12. A replacement motor for 201-500 HP efficiency must meet or exceed NEMA MG-1, Table 12-11.
6. The motor being replaced must be turned into a motor distributor and environmentally recycled.
7. The customer is responsible for removal and installation labor.
8. The motor being replaced must operate a minimum of 2,000 annual hours.
9. A gain in efficiency between the old and new motor must be realized; exchanging motors of the same efficiency does not meet program guidelines.

Incentives

1. **Existing motor bounty** – Incentive to the customer for motors 1-20 HP, \$50 per horsepower; for motors 25-200 HP, \$40 per horsepower; for motors 225-500 HP, \$30 per horsepower. In no case will the motor bounty exceed 70 percent of the new motor's installed cost (labor and material).
2. **Replacement motor 1-200 HP** – If the replacement motor installed is an ultra-premium motor identified as one band above NEMA Premium, the customer receives an incentive per the current MidAmerican Energy motor program incentive table in addition to the bounty for the existing motor identified in item one above. There is no incentive for motors larger than 200 HP.
3. **Replacement motor** – If the replacement motor installed is NEMA Premium efficiency, the customer will receive the existing motor bounty but no additional incentive for the NEMA Premium replacement unit.
4. **Recycling fee for motor distributor** – For motors 1-20 HP, \$15 per horsepower; for motors 25-200 HP, \$10 per horsepower; for motors 225-500 HP, \$5 per horsepower payable to the motor distributor.
5. **Salesperson incentive** – For motors 1-50 HP, \$1 per horsepower; for motors 60-500 HP, \$0.50 per horsepower for sale of the replacement motor payable to the motor distributor for disbursement to the salesperson.

How to Participate

Submit a preapproved application form via **mail**:

MidAmerican Energy Company
EnergyAdvantage Programs
P.O. Box 4628
Des Moines, IA 50305-4628

Email to energyexpert@midamerican.com
or **fax** to 515-244-8825

MidAmerican Energy will review the application and provide preapproval via email. Upon completion of the project, mail the application, signed by the customer and motor distributor, certifying the proper recycling of the old motor, along with copies of the new motor invoice.

See <http://www.cee1.org/ind/mot-sys/mtr-ms-main.php3> for the complete motor list from the Consortium for Energy Efficiency. Manufacturers are allowed to update this list periodically, and the number of qualifying motors may change. See <http://www.nema.org/stds/complimentary-docs/upload/mg1premium.pdf> for the NEMA MG-1 Table 12-12 (1-200 HP). See <http://www.nema.org/stds/mg1condensed.cfm> for the NEMA MG-1 Table 12-11 (201-500 HP).

TERMS AND CONDITIONS

- Participants must be MidAmerican Energy Company commercial or industrial customers located in Iowa. Primary energy required by qualifying measure must be purchased directly from MidAmerican Energy Company.
- All projects require preapproval by MidAmerican Energy Company. 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 Energy Company 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.
- 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.
- Incentive checks will be issued to the building owner or account holder when equipment is installed in an existing building.
- The existing motor bounty and new motor rebate, if applicable, will be paid to the direct end-use MidAmerican Energy Company customer.
- Equipment must be installed and operating prior to submission of final application.
- MidAmerican Energy Company reserves the right to install a metering device on new equipment to verify energy savings.
- Incentives may be subject to income tax. Consult your tax advisor for more information.
- Allow eight to 12 weeks for processing.
- This program is in effect through Dec. 31, 2013. However, this program is subject to change or cancellation without notice. Preapproved projects will be honored.

2012 IOWA MOTOR INCENTIVES AVAILABLE (THREE PHASE ONLY)

Explosion-Proof/Severe Duty NEMA MG-1 Table 12-12 – TEFC Motors

Totally Enclosed Fan-Cooled Motors

Open Drip-Proof Motors

HORSE-POWER	SPEED IN RPM	NOMINAL EFFICIENCY	INCENTIVES AVAILABLE	HORSE-POWER	SPEED IN RPM	NOMINAL EFFICIENCY	INCENTIVES AVAILABLE	HORSE-POWER	SPEED IN RPM	NOMINAL EFFICIENCY	INCENTIVES AVAILABLE
1	3600	77.0%	\$30	1	3600	84.0%	\$60	1	3600	84.0%	\$50
	1800	85.5%	\$45		1800	86.5%	\$75		1800	–	\$0
	1200	82.5%	\$45		1200	84.0%	\$125		1200	–	\$0
1.5	3600	84.0%	\$30	1.5	3600	85.5%	\$75	1.5	3600	85.5%	\$55
	1800	86.5%	\$55		1800	87.5%	\$70		1800	–	\$0
	1200	87.5%	\$55		1200	–	\$0		1200	87.5%	\$75
2	3600	85.5%	\$45	2	3600	86.5%	\$70	2	3600	86.5%	\$65
	1800	86.5%	\$65		1800	87.5%	\$70		1800	–	\$0
	1200	88.5%	\$80		1200	–	\$0		1200	88.5%	\$80
3	3600	86.5%	\$45	3	3600	87.5%	\$80	3	3600	87.5%	\$65
	1800	89.5%	\$65		1800	90.2%	\$95		1800	90.2%	\$65
	1200	89.5%	\$80		1200	90.2%	\$120		1200	89.5%	\$100
5	3600	88.5%	\$55	5	3600	89.5%	\$90	5	3600	89.5%	\$70
	1800	89.5%	\$70		1800	90.2%	\$100		1800	–	\$0
	1200	89.5%	\$115		1200	90.2%	\$135		1200	90.2%	\$130
7.5	3600	89.5%	\$90	7.5	3600	90.2%	\$130	7.5	3600	89.5%	\$115
	1800	91.7%	\$80		1800	92.4%	\$150		1800	–	\$0
	1200	91.0%	\$170		1200	91.7%	\$230		1200	91.7%	\$155
10	3600	90.2%	\$90	10	3600	91.0%	\$135	10	3600	90.2%	\$130
	1800	91.7%	\$100		1800	92.4%	\$165		1800	–	\$0
	1200	91.0%	\$200		1200	91.7%	\$260		1200	92.4%	\$200
15	3600	91.0%	\$195	15	3600	91.7%	\$225	15	3600	91.0%	\$185
	1800	92.4%	\$100		1800	93.0%	\$310		1800	–	\$0
	1200	91.7%	\$230		1200	92.4%	\$350		1200	92.4%	\$275
20	3600	91.0%	\$155	20	3600	92.4%	\$250	20	3600	91.7%	\$215
	1800	93.0%	\$150		1800	93.6%	\$310		1800	93.6%	\$230
	1200	91.7%	\$325		1200	92.4%	\$460		1200	93.0%	\$330
25	3600	91.7%	\$250	25	3600	92.4%	\$325	25	3600	93.0%	\$260
	1800	93.6%	\$215		1800	–	\$0		1800	94.1%	\$285
	1200	93.0%	\$300		1200	–	\$0		1200	93.6%	\$400
30	3600	91.7%	\$250	30	3600	92.4%	\$385	30	3600	93.6%	\$300
	1800	93.6%	\$250		1800	94.1%	\$480		1800	–	\$0
	1200	93.0%	\$320		1200	93.6%	\$600		1200	94.1%	\$420
40	3600	92.4%	\$265	40	3600	93.0%	\$585	40	3600	93.6%	\$390
	1800	94.1%	\$275		1800	94.5%	\$630		1800	94.5%	\$405
	1200	94.1%	\$480		1200	94.5%	\$750		1200	94.5%	\$595
50	3600	93.0%	\$390	50	3600	93.6%	\$575	50	3600	93.6%	\$430
	1800	94.5%	\$375		1800	95.0%	\$690		1800	95.0%	\$445
	1200	94.1%	\$530		1200	94.5%	\$910		1200	94.5%	\$720
60	3600	93.6%	\$390	60	3600	94.1%	\$805	60	3600	94.1%	\$540
	1800	95.0%	\$480		1800	–	\$0		1800	95.4%	\$560
	1200	94.5%	\$565		1200	95.0%	\$1,150		1200	95.0%	\$950
75	3600	93.6%	\$480	75	3600	94.5%	\$940	75	3600	94.1%	\$410
	1800	95.4%	\$650		1800	–	\$0		1800	95.4%	\$690
	1200	94.5%	\$720		1200	95.0%	\$1,335		1200	95.0%	\$1,060
100	3600	94.1%	\$870	100	3600	94.5%	\$1,230	100	3600	94.5%	\$755
	1800	95.4%	\$805		1800	95.8%	\$1,230		1800	–	\$0
	1200	95.0%	\$1,250		1200	95.4%	\$1,230		1200	95.4%	\$1,360
125	3600	95.0%	\$595	125	3600	95.4%	\$1,650	125	3600	94.5%	\$990
	1800	95.4%	\$875		1800	95.8%	\$1,650		1800	95.8%	\$1,020
	1200	95.0%	\$780		1200	95.4%	\$1,650		1200	95.4%	\$1,260
150	3600	95.0%	\$750	150	3600	95.8%	\$1,840	150	3600	94.5%	\$1,220
	1800	95.8%	\$1,050		1800	96.2%	\$1,840		1800	96.2%	\$1,135
	1200	95.8%	\$1,465		1200	96.2%	\$1,840		1200	95.8%	\$1,485
200	3600	95.4%	\$875	200	3600	95.8%	\$2,480	200	3600	95.4%	\$1,380
	1800	96.2%	\$905		1800	96.5%	\$2,480		1800	96.2%	\$1,420
	1200	95.8%	\$1,595		1200	–	\$0		1200	95.8%	\$1,950



save some green®



FEDERAL TAX DEDUCTIONS FOR ENERGY EFFICIENCY

For a limited time, a tax deduction of up to \$1.80 per square foot is available to owners or designers of new or existing commercial buildings that save at least 50 percent of the heating and cooling energy of a building that meets ASHRAE Standard 90.1-2001. Partial deductions of up to \$.60 per square foot can be taken for measures affecting any one of three building systems: the building envelope, lighting, or heating and cooling systems. Visit www.energystar.gov/taxcredits and click on Commercial Buildings under Other Tax Information for details or consult a tax advisor.

DISCLAIMER: MidAmerican Energy Company 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 Energy Company 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 Energy Company be held liable for any incidental or consequential damages or injuries resulting from defective equipment or installation. MidAmerican Energy Company reserves the right to cancel or change these programs at any time. MidAmerican Energy Company's acceptance of this application does not guarantee payment of incentive.

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