

## 2009 Illinois Agribusiness Energy Efficiency Program



Producers can count on MidAmerican Energy Company for assistance with energy-efficient solutions.



# Benefit from lower energy bills and offset equipment costs.



**Installing energy-efficient equipment can reduce operating costs. Simply adding a variable-speed drive to a vacuum pump or updating lighting with energy-efficient bulbs and ballasts could help you decrease costs and improve productivity.**

MidAmerican features a variety of programs designed to assist its agribusiness customers in becoming more energy efficient. MidAmerican's EnergyAdvantage® Agribusiness energy efficiency program offers assistance to customers where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory. The program includes rebates to purchase energy-efficient equipment, farm energy audits to determine and prioritize energy efficiency improvements and expert technical assistance. More agribusiness customers are discovering how to save money as well as do their part to reduce the overall demand on the natural resources needed to produce energy. Agribusiness customers may call MidAmerican toll free at **800-292-6448** with questions about the programs.

## Equipment Incentive Programs

MidAmerican's EnergyAdvantage equipment incentive programs help customers afford commonly available energy-efficient equipment. The equipment incentive programs provide a rebate which reduces your out-of-pocket costs. The programs assist with the purchase of qualifying heating, ventilating, air conditioning, refrigerating, lighting, motors and variable-speed drives equipment installed in facilities served by MidAmerican. Incentives also are available for qualifying energy-efficient equipment and systems custom-designed to meet unique agribusiness production needs.

## Heating, Ventilating and Air Conditioning

Installation of new energy-efficient heating, ventilating and air conditioning equipment saves you money over the life of your equipment on monthly energy bills and makes your work environment more comfortable. Equipment installed as replacement units, retrofits or in new construction is eligible.

A partial list of equipment that qualifies for MidAmerican rebate incentives is provided on the next page. Visit our Web site at [www.midamericanenergy.com/illinois\\_hvac](http://www.midamericanenergy.com/illinois_hvac) for a more complete list of high-efficiency heating, ventilating and air conditioning equipment, including air conditioners, chillers, programmable thermostats, etc.

Equipment efficiencies are rated at full load according to test procedures and conditions specified in American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 90.1. Your local equipment dealers can explain the various equipment efficiencies available and help you find the right equipment for your heating and cooling needs.

Call **800-292-6448** today.

## Eligible Heating and Cooling Equipment

EQUIPMENT TYPE	MINIMUM CODE	MINIMUM COOLING EFFICIENCY	HEATING EFFICIENCY	REBATES
<b>Heat Pumps</b>				
Air-Source				
<65 MBtuh – Single Phase	198	14.0 SEER	8.5 HSPF	$\$400 + (\$100 \times (\text{SEER} - 14.0))$ Maximum rebate \$600
	398	14.0 SEER	<8.5 HSPF	$\$200 + (\$100 \times (\text{SEER} - 14.0))$ Maximum rebate \$400
<65 MBtuh – Three Phase	245	14.0 SEER	8.5 HSPF	$\$300 + (\$100 \times (\text{SEER} - 14.0))$ Maximum rebate \$600
≥ 65 and <135 MBtuh	099	11.0 EER	3.4 COP <sup>1</sup>	$(\$50 \times (\text{EER} - 10.9)) \times \text{tons}$
≥ 135 and <240 MBtuh	099	10.8 EER	3.2 COP	$(\$50 \times (\text{EER} - 10.7)) \times \text{tons}$
≥ 240 MBtuh	099	10.0 EER	3.2 COP	$(\$50 \times (\text{EER} - 9.9)) \times \text{tons}$
Ground-Source (Geothermal)				
<135 MBtuh				
Closed loop	396	14.1 EER	3.3 COP <sup>1</sup>	\$300 per heating ton plus \$300 per ton ground loop <sup>2</sup>
Open loop	397	16.2 EER	3.6 COP	\$300 per heating ton plus \$300 per ton ground loop <sup>2</sup>
≥ 135 MBtuh	See Illinois Nonresidential Custom Systems Program			
Desuperheater	019	NA	NA	\$100 per unit
<b>Furnaces (Natural Gas)</b>				
<225 MBtuh	040		92 AFUE	$\$250 + (\$25 \times (\text{AFUE} - 92))$ Maximum rebate \$350
≥ 225 MBtuh	See Illinois Nonresidential Custom Systems Program			
<b>Water Heaters (Natural Gas)</b>				
≤ 75 MBtuh				
≤ 30 gallons	205		0.64 EF	\$50 per unit
> 30 gallons and ≤ 60 gallons	205		0.62 EF	\$50 per unit
> 60 gallons	205		0.59 EF	\$50 per unit
> 75 MBtuh	096		85 Thermal Efficiency (TE)	$(\$0.80 + (\$0.20 \times (\text{TE} - 85))) \times \text{MBtuh}$

<sup>1</sup> COP rated at 47° F dry bulb.

<sup>2</sup> New ground loop installation only. Maximum rebated loop size determined by the rated heating capacity of installed unit.

### Variable-Speed Drives

Customers should consider installing variable-speed drive equipment when motors are used for variable operating hours and have a high variability of loads on systems (pumps and fans) or the application includes mechanical throttling (valves, dampers, etc.). A variable-speed drive added to a vacuum pump adjusts the speed of the motor-driven equipment to maintain a stable vacuum. Customers conserve energy and reduce costs, since the pump operates only at the speed that is necessary. Adding a variable-speed drive to a NEMA Premium®-efficient motor for an appropriate application saves even more energy because the motor consumes less energy when load requirements are not at full speed. Applications with low variability of loads where the motors run at a 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.

### Motors

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 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.

Visit our Web site at [www.midamericanenergy.com/illinois\\_motors](http://www.midamericanenergy.com/illinois_motors) for a more complete list of eligible energy-efficient motors. Examples of qualifying motor incentives are shown on the next page.

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

## Motor Incentives Available (Three Phase Only)

### NEMA Premium – TEFC Motors

HORSE POWER	SPEED IN RPM	MINIMUM 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

### NEMA Premium – Open Drip Proof

HORSE POWER	SPEED IN RPM	MINIMUM 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

**Note:** For motors >200 HP, please use the Illinois Nonresidential Custom Systems program.

## Lighting

Energy-efficient lighting is an investment with short payback periods and attractive rates of return. By installing energy-efficient lighting you can significantly reduce your electric usage, decrease your monthly energy costs and markedly improve your lighting quality. Incentives are for efficient interior lighting only.

Visit our Web site at [www.midamericanenergy.com/illinois\\_lighting](http://www.midamericanenergy.com/illinois_lighting) for a more complete list of eligible energy-efficient lighting equipment. Examples of eligible lighting equipment are shown below.

## Eligible Lighting Equipment

EQUIPMENT TYPE	FIXTURE SIZE	# OF LAMPS	LAMP TYPE	REBATE AMOUNTS
Fluorescent U-bend T-8 fixtures; <b>for existing buildings only</b> (with electronic ballasts)	2 Foot	2	T-8 U-bend	\$10/fixture
Fluorescent T-8 or T-5 fixtures; <b>for existing buildings only</b> (with electronic ballasts)	2 Foot 4 Foot 8 Foot	1/2 1/2 / 3/4 1/2	T-8 or T-5 T-8 or T-5 T-8	\$10/\$10/fixture \$6/\$8/\$12/\$16/fixture \$8/\$10/fixture
Compact fluorescent lamps (self-ballast/screw-in)	N/A	1	9 watts and up	\$2/lamp*
Occupancy sensors	N/A	N/A	Wall-mount and ceiling-mount (must control > 400 watts)	\$20 each
150 watts compact fluorescent low-bay fixtures (hard-wired)	N/A	Any	Hard-wired	\$25/fixture

\*Maximum rebate of \$2/lamp or 50 percent of purchase price per lamp.

## Customized Equipment and Systems

MidAmerican also provides rebate incentives to help agribusiness customers implement energy-efficient equipment and systems that are custom-designed to fit their specific needs but that do not fit well under MidAmerican's standard equipment programs. Rebate incentives are based on qualifying equipment's higher incremental cost, peak demand reduction, annual energy use reduction and energy cost savings. To be eligible for an incentive, an application for the program must be received and approved by MidAmerican prior to the customer's purchase and installation of equipment or systems. MidAmerican can provide technical assistance to expedite the incentive application process.

Here are some examples of projects that may qualify for energy efficiency incentives through the Custom Systems program.

- Waste-recovery systems
- Low-pressure irrigation systems
- Stock waterers
- Variable-speed drive vacuum pumps
- Process and heat-recovery heat pumps
- Milk plate cooler
- Scroll compressors
- Ceiling, wall and foundation insulation not included in other EnergyAdvantage programs

Visit our Web site at [www.midamericanenergy.com/illinois\\_custom](http://www.midamericanenergy.com/illinois_custom) for more information about our Custom Systems guidelines.

## Farm Energy Audits

MidAmerican's EnergyAdvantage farm energy audits provide agribusiness customers a better understanding of how their facilities use energy. The energy audit report includes specific recommendations on ways to use energy more efficiently and reduce monthly energy bills. All farm customers located where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory are eligible to receive a farm energy audit at no cost.

Participants in a farm energy audit receive the benefit of trustworthy energy-savings advice. The report will include recommendations for energy-saving actions complete with estimates of energy-savings potential and general cost estimates for each recommended action, including low- or no-cost suggestions for quick energy savings. MidAmerican does not sell equipment and appliances, so the audit is independent of equipment suppliers and manufacturers; our recommendations are not brand-specific.

## Questions?

If you have questions about application procedures, qualifying projects, incentives or verification procedures, call **800-292-6448**.

800-292-6448

www.MIDAMERICANENERGY.com/illinois\_ee



### Terms and Conditions\*

- Rebates are available for qualifying equipment purchased and installed in commercial, industrial and other nonresidential facilities where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory.
  - Equipment rebates exceeding \$10,000 and custom rebates require preapproval by MidAmerican. Projects must be completed within six months of preapproval. Extensions are available upon request.
  - All project installations with rebates exceeding \$20,000 require on-site verification of installation by MidAmerican or its agent prior to issuance of rebate check. MidAmerican reserves the right to verify project installations where rebates are less than \$20,000.
  - MidAmerican reserves the right to install a metering device on new equipment, and to verify sales receipts and canceled checks, as well as conduct on-site verification of equipment installation during the customer's normal business hours, before or after issuing rebate.
  - Rebate is not payable until equipment is installed, operating and approved by MidAmerican.
  - Rebates for installation projects are based on rebate schedules in effect on the installation date.
  - Rebate check will be issued to the building owner or account holder when equipment is installed in an existing building. The check will be issued to the builder/general contractor or building owner when equipment is installed in a new building.
  - Rebates may be subject to income tax. Please consult your tax advisor for more information.
  - MidAmerican reserves the right to change or cancel this program at any time.
- \* Specific programs may have additional terms and conditions relevant to their individual qualifications.
- For more information, call **800-292-6448** or visit MidAmerican's Web site at [www.midamericanenergy.com/illinois\\_business](http://www.midamericanenergy.com/illinois_business).

### Federal Tax Credits for Energy Efficiency

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



## 2009 Illinois BusinessCheck® Program



Enhance the bottom line of your business by improving your overall energy efficiency.



# Investing in energy efficiency could be one of the best decisions you'll ever make.



If you are a **qualifying small business**, the MidAmerican Energy Advantage® BusinessCheck® energy audit can start reducing your energy costs immediately and can provide additional ways to save on your future energy costs.

## What Is a BusinessCheck Energy Audit?

It is an evaluation of how your small business uses energy and includes specific recommendations on ways you can use energy more efficiently and reduce your monthly energy bill. MidAmerican's energy auditor also will install several energy-saving measures designed to provide immediate energy and cost savings for the building owner or occupants at no cost.

All small buildings where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory are eligible to be enrolled in the BusinessCheck program, including small retail businesses, restaurants, small office buildings, governmental organizations, churches, health care facilities and other for-profit and non-profit organizations' small buildings. The program is designed to evaluate energy use in buildings **up to 25,000 square feet**. For energy audits of larger facilities, call MidAmerican at 800-292-6448 to learn more about the Nonresidential Energy Analysis program.

## How Does an Energy Efficiency Audit Work?

A BusinessCheck energy audit is performed by an energy specialist. The audit begins with a walk-through assessment of your building, scheduled at your convenience. The energy audit consists of the following:

- **Data collection.** MidAmerican's energy auditor examines the entire facility, including windows, doors, insulation levels, lighting, heating, cooling, and other energy-using equipment specific to operating your business or organization.
- **Summary report of findings.** The auditor will leave the owner or building manager with an initial summary of the audit findings and observations. The auditor will review the findings point-by-point and will answer any questions. Within a few weeks, a formal audit report will be mailed to the owner and building manager.
- **Recommendations.** The audit report will include recommendations for energy-saving actions, complete with estimates of energy-savings potential and general cost estimates for each recommended action, including low- or no-cost suggestions for quick energy savings.
- **Rebate incentives.** The audit report will contain information about MidAmerican's rebates available to help ease the cost of investing in high-efficiency equipment for long-term energy and energy cost savings.

## Why Should I Do a BusinessCheck Audit?

Participants in MidAmerican's BusinessCheck program receive three main benefits:

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

- **Trustworthy energy-savings advice.**

MidAmerican does not sell equipment and appliances. Our highly trained energy auditors are independent of equipment suppliers and manufacturers, and recommendations are not brand specific.

- **Immediate cost savings.** During the energy audit, participants will get immediate benefits from our energy auditor's installation of several energy efficiency measures, including as appropriate:

- Water pipe insulation,
- Faucet aerators,
- Compact fluorescent lamps,
- LED exit sign retrofits,
- Occupancy sensor,
- Refrigerated vending machine controller and
- Pre-rinse sprayer.

Customers have the option to allow installation of these energy-saving measures. MidAmerican does not charge for the measures. Additional low-cost measures may be offered for installation during audits as a further demonstration of proven technologies that help save energy and reduce energy costs.

- **Long-term savings and increased property value.** The BusinessCheck program provides the small business building owner and/or tenant with valuable information on reducing energy costs for years to come and on preserving, even increasing, the value of their business properties through improved building systems and new technologies. Energy-efficient improvements such as heating and cooling equipment, energy management systems, windows and motors may be eligible to receive rebate incentives to help offset a portion of the installation costs.

In addition, MidAmerican offers special rebate incentives under BusinessCheck to assist customers in what often are the two best ways to save energy and energy costs for their facilities – retrofit of fluorescent lighting and upgrading insulation levels in attics/ceilings and sidewalls.

For fluorescent lighting, MidAmerican offers BusinessCheck participants rebates at three times the prescriptive lighting rebates offered under our Nonresidential Lighting Equipment program for replacement of existing T-12 fluorescent lamps with T-5 or T-8 fluorescent lamps and electronic ballasts.

BusinessCheck participants who add recommended insulation to existing attics/ceilings will be eligible for rebates of \$0.04 per R-value added per square foot for upgrades up to and including R-20 and \$0.02 per R-value added per square foot up to and including R-30. Program participants who add recommended insulation to existing sidewalls will be eligible for rebates of \$0.04 per R-value added per square foot up to R-20. Rebates for insulation levels above R-30 for attic/ceilings or R-20 for sidewalls will require preapproval from MidAmerican. Insulation rebates are designed to reduce the cost of installed insulation products. These rebates are not designed to offset any of the cost of building cavities in which to place insulation, new roofing systems or other construction cost. Rebates are for added insulation only.

Rebate incentives for other recommended and installed energy-efficient products will be equivalent to rebates offered in our Nonresidential Equipment and Custom Systems programs. The BusinessCheck audit report and any subsequent custom project preapprovals will provide the appropriate rebate forms and instructions for each energy efficiency recommendation for your building.

## How Can I Get a Money-saving BusinessCheck Energy Audit?

Just give us a call at **800-894-9599** for program details and to schedule your BusinessCheck energy audit. Or, visit MidAmerican's Web site at [www.midamericanenergy.com/illinois\\_business](http://www.midamericanenergy.com/illinois_business) and click on BusinessCheck. It's that simple!

## BusinessCheck® Online

You also can conduct your own online analysis by going to [www.midamericanenergy.com/busaudit](http://www.midamericanenergy.com/busaudit).



800-894-9599

www.MIDAMERICANENERGY.com/illinois\_ee



### Terms and Conditions

- Rebates are available for qualifying equipment purchased and installed in commercial, industrial and other nonresidential facilities where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory.
- Equipment rebates exceeding \$10,000 and custom rebates require preapproval by MidAmerican.
- All project installations with rebates exceeding \$20,000 require on-site verification of installation by MidAmerican or its agent prior to issuance of rebate check. MidAmerican reserves the right to verify project installations where rebates are less than \$20,000.
- MidAmerican reserves the right to install a metering device on new equipment, and to verify sales receipts and canceled checks as well as on-site verification of equipment installation during the customer's normal business hours, before or after issuing a rebate.
- Rebate is not payable until equipment is installed, operating and approved by MidAmerican.
- Rebates for installation projects are based on rebate schedules in effect on the installation date.
- Rebate check will be issued to the building owner or account holder when equipment is installed in an existing building. The check will be issued to the builder/general contractor or building owner when equipment is installed in a new building.
- Rebates may be subject to income tax. Please consult your tax advisor for more information.
- MidAmerican reserves the right to change or cancel this program at any time.

### 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.



## 2009 Illinois Commercial Kitchen Equipment Program



Make the switch to energy-efficient equipment now to lower your operating expenses and raise profitability.



**You're really cooking  
with appliances  
that can reduce  
your energy bills.**



## **The MidAmerican EnergyAdvantage® Commercial Kitchen Equipment program**

**offers financial incentives to all nonresidential natural gas and electric customers in MidAmerican's Illinois service territory. MidAmerican offers you a rebate which reduces your out-of-pocket costs. Installation of new energy-efficient equipment saves you money over the life of the equipment on monthly energy bills and contributes to a more productive kitchen.**

### **Eligible Equipment Includes:**

- Ice makers,
- Solid door refrigerators,
- Glass door refrigerators,
- Solid door freezers,
- Hot food holding cabinets and
- Natural gas fryers.

Equipment installed as replacement units, retrofits or in new construction is eligible. A complete list of eligible equipment and program guidelines is attached.

### **How to Participate**

Please follow the procedure described below.

1. Installer completes Dealer Information, New Equipment Information and Dealer Agreement sections.
2. Enter required information in the New Equipment Information section of the application.

3. Installer provides dated invoice(s), including manufacturer's name, model/serial number and quantity of high-efficiency equipment purchased and installed.
4. Customer completes Customer Information, Customer Agreement and Commercial Kitchen Equipment Survey sections and submits form, along with copy of completed dated invoice(s) 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 rebate check will be issued. Please allow two to three weeks for processing.

**Questions?** Call MidAmerican at 800-894-9599.

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

## 2009 Illinois Eligible Commercial Kitchen Equipment

EQUIPMENT TYPE/SIZE/CAPACITY	EQUIPMENT CODE	MINIMUM QUALIFYING EFFICIENCY	REBATES
<b>Ice Makers</b>			
<b>Air-Cooled</b>			
<i>Ice-Making Head</i>			
< 450 lbs. ice per day <sup>1</sup>	361	≤ 10.26 - 0.0086H kWh/100 lbs. ice <sup>2</sup>	\$100
≥ 450 lbs. ice per day	361	≤ 6.89 - 0.0011H kWh/100 lbs. ice	\$100
<i>Remote Condensing</i>			
< 1,000 lbs. ice per day <sup>1</sup>	362	≤ 8.85 - 0.0038H kWh/100 lbs. ice <sup>2</sup>	\$100
≥ 1,000 lbs. ice per day	362	≤ 5.10 kWh/100 lbs. ice	\$100
<i>Self-Contained</i>			
< 175 lbs. ice per day <sup>1</sup>	363	≤ 18.0 - 0.0469H kWh/100 lbs. ice <sup>2</sup>	\$100
≥ 175 lbs. ice per day	363	≤ 9.80 kWh/100 lbs. ice	\$100
<b>Water-Cooled</b>			
<i>Ice-Making Head</i>			
< 500 lbs. ice per day <sup>1</sup>	364	≤ 7.80 - 0.0055H kWh/100 lbs. ice <sup>2</sup>	\$100
≥ 500 lbs. ice per day	364	≤ 5.58 - 0.0011H kWh/100 lbs. ice	\$100
≥ 1,436 lbs. ice per day	364	≤ 4.00 kWh/100 lbs. ice	\$100
<i>Self-Contained</i>			
< 200 lbs. ice per day <sup>1</sup>	365	≤ 11.40 - 0.0190H kWh/100 lbs. ice <sup>2</sup>	\$100
≥ 200 lbs. ice per day	365	≤ 7.60 kWh/100 lbs. ice	\$100
<b>Solid Door Refrigerators</b>			
< 19 cubic feet	374	≤ [(0.10 x cu. ft.) + 2.04] kWh/day <sup>3</sup>	\$100
19 - 30 cubic feet	374	≤ [(0.10 x cu. ft.) + 2.04] kWh/day	\$125
31 - 60 cubic feet	374	≤ [(0.10 x cu. ft.) + 2.04] kWh/day	\$150
61 - 90 cubic feet	374	≤ [(0.10 x cu. ft.) + 2.04] kWh/day	\$200
<b>Glass Door Refrigerators</b>			
< 19 cubic feet	375	≤ [(0.12 x cu. ft.) + 3.34] kWh/day <sup>3</sup>	\$125
19 - 30 cubic feet	375	≤ [(0.12 x cu. ft.) + 3.34] kWh/day	\$150
31 - 60 cubic feet	375	≤ [(0.12 x cu. ft.) + 3.34] kWh/day	\$175
61 - 90 cubic feet	375	≤ [(0.12 x cu. ft.) + 3.34] kWh/day	\$225
<b>Solid Door Freezers</b>			
< 19 cubic feet	376	≤ [(0.4 x cu. ft.) + 1.38] kWh/day <sup>3</sup>	\$50
19 - 30 cubic feet	376	≤ [(0.4 x cu. ft.) + 1.38] kWh/day	\$75
31 - 60 cubic feet	376	≤ [(0.4 x cu. ft.) + 1.38] kWh/day	\$100
61 - 90 cubic feet	376	≤ [(0.4 x cu. ft.) + 1.38] kWh/day	\$125
<b>Hot Food Holding Cabinets</b>			
Any size	377	≤ 40 watts/cubic foot	\$250
<b>Natural Gas Fryers</b>			
Any size	386	Minimum cooking efficiency of 50 percent; maximum idle energy rate of 9,000 Btu/hr	\$500

<sup>1</sup> Ice harvest rate

<sup>2</sup> Based on Consortium for Energy Efficiency (CEE) Tier 1 qualifying efficiency levels; for more information on qualifying equipment, visit [www.cee1.org](http://www.cee1.org).

<sup>3</sup> For more information on qualifying equipment, visit the ENERGY STAR Web site, [www.energystar.gov/index.cfm?c=commercial\\_food\\_service.commercial\\_food\\_service](http://www.energystar.gov/index.cfm?c=commercial_food_service.commercial_food_service).

<sup>4</sup> For more information on qualifying equipment, visit the ENERGY STAR Web site, [www.energystar.gov/index.cfm?c=fryers.pr\\_fryers](http://www.energystar.gov/index.cfm?c=fryers.pr_fryers).

H = Ice harvest rate



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 rebate.

## 2009 Illinois Commercial Kitchen Equipment Application

Please complete both sides of this application and attach copies of invoices.

### New Equipment Information

(Identify each individual piece of equipment; use additional sheets if necessary.)

**ATTENTION DEALERS**  
 Please photocopy this form and save the original for future use or download additional copies at [www.midamericanenergy.com/illinois\\_kitchen](http://www.midamericanenergy.com/illinois_kitchen).

### Ice Makers (361, 362, 363, 364, 365)

QUANTITY	MANUFACTURER	MODEL NO.	SERIAL NO.	COOLING TYPE	ICE HARVEST RATE (lbs./day)	EFFICIENCY RATING (kWh/100 lbs. ice)	INSTALLED COST	INSTALL DATE
				<input type="checkbox"/> Air <input type="checkbox"/> Water				
Type: <input type="checkbox"/> Ice-Making Head <input type="checkbox"/> Remote Condensing <input type="checkbox"/> Self-Contained								
				<input type="checkbox"/> Air <input type="checkbox"/> Water				
Type: <input type="checkbox"/> Ice-Making Head <input type="checkbox"/> Remote Condensing <input type="checkbox"/> Self-Contained								

### Refrigerators (374, 375)

QUANTITY	MANUFACTURER	MODEL NO.	SERIAL NO.	DOOR TYPE	SIZE (cubic feet)	EFFICIENCY RATING (kWh/day)	INSTALLED COST	INSTALL DATE
				<input type="checkbox"/> Solid <input type="checkbox"/> Glass				
				<input type="checkbox"/> Solid <input type="checkbox"/> Glass				

### Freezers (376)

QUANTITY	MANUFACTURER	MODEL NO.	SERIAL NO.	SIZE (cubic feet)	EFFICIENCY RATING (kWh/day)	INSTALLED COST	INSTALL DATE	

### Hot Food Holding Cabinets (377)

QUANTITY	MANUFACTURER	MODEL NO.	SERIAL NO.	SIZE (cubic feet)	EFFICIENCY RATING (kWh/day)	INSTALLED COST	INSTALL DATE	

### Natural Gas Fryers (386)

QUANTITY	MANUFACTURER	MODEL NO.	SERIAL NO.	FRYER SIZE	COOKING ENERGY EFFICIENCY	INSTALLED COST	INSTALL DATE	

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## 2009 Illinois Commercial Kitchen Equipment Application

Please complete **both** sides of this application and attach copies of invoices.

**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 additional copies at [www.midamericanenergy.com/illinois\\_kitchen](http://www.midamericanenergy.com/illinois_kitchen).

### Customer Information

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

### Customer Agreement

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** \_\_\_\_\_

### Commercial Kitchen Equipment Survey

1. This new equipment is:
  - Replacement
  - New Installation
  - New Construction
2. Equipment installed in what type of facility? (check one)
  - Restaurant
  - Fast Food
  - Lodging
  - Office <60,000 sq. ft.
  - Office >60,000 sq. ft.
  - Hospital
  - School/College
  - Convenience Store
  - Other \_\_\_\_\_
3. Building size (cooled or heated space only) \_\_\_\_\_ sq.ft. (area)
4. Year building was constructed \_\_\_\_\_

### Installing Dealer Information

Dealer name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Contact person \_\_\_\_\_ Phone \_\_\_\_\_  
 Fax \_\_\_\_\_ E-mail address \_\_\_\_\_

### Dealer Agreement

Please justify additional expenses incurred in installation process.

I certify that all equipment and installation information provided on this application is correct and accurate.

**Installer/dealer signature** \_\_\_\_\_ **Date** \_\_\_\_\_

For MidAmerican Use  
 Date received \_\_\_\_/\_\_\_\_/\_\_\_\_ Date approved \_\_\_\_/\_\_\_\_/\_\_\_\_ Equipment approved by \_\_\_\_\_  
 Rebate amount \_\_\_\_\_

800-894-9599

www.MIDAMERICANENERGY.com/illinois\_ee



### Terms and Conditions

- The program is available to all nonresidential natural gas and electric customers in MidAmerican's Illinois service territory.
- **Rebates exceeding \$10,000 require preapproval by MidAmerican.** Projects must be completed within six months of preapproval.
- 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 dealer or contractor must accompany the equipment application. Applications must be completed in full; incomplete applications will delay processing and may be returned. Applications must include the equipment manufacturer's name, model/serial number, efficiency rating and the quantity of high-efficiency equipment installed.
- Rebates are based on rebate schedule in effect on the date of the dealer invoice.
- Rebate checks will be issued to building owner or account holder when equipment is installed in an existing building. Checks will be issued to builder/general contractor or building owner when equipment is installed in a 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.
- Rebates 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.



## 2009 Illinois Commercial New Construction Program



MidAmerican offers a variety of financial incentives to builders, architects and customers when designing with energy efficiency in mind.



**Get your building  
off to the right start  
during design  
and construction.**



## **The EnergyAdvantage<sup>®</sup> Commercial New Construction program**

**provides financial incentives to help building developers  
and owners get their new or renovation building projects  
started right by optimizing energy efficiency  
strategies now, before construction begins.**

In addition to lowering building operating costs, the Commercial New Construction program adds significant investment value in the form of state-of-the-art, reliable and cost-effective building operating systems. To get these results, MidAmerican provides developers and owners and their design teams with energy design assistance services to study and test energy efficiency strategies. And the best part – MidAmerican's energy design services are available at no cost to developers and owners.

### **Program Requirements**

All proposed new commercial buildings and building renovation projects are eligible for program incentives where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory and where MidAmerican accepts building projects after June 1, 2008, but before or at the onset of project design development.

Proposed new commercial buildings or building renovation projects that are not enrolled in the Commercial New Construction program are eligible for EnergyAdvantage incentives through MidAmerican's other nonresidential EnergyAdvantage programs: Heating and Cooling Equipment program; Lighting Equipment program; Motors & VSD program and Custom Systems program. Visit our Web site at [www.midamericanenergy.com/illinois\\_business](http://www.midamericanenergy.com/illinois_business) or call 800-292-6448 for information about these programs.

### **Energy Design Phase**

Participation in the MidAmerican Commercial New Construction program is as easy as following these five steps.

1. The design team or owner submits a Screening Form to prequalify the project. This should be done as early in the design process as possible. (A Screening Form is included as part of this brochure for your convenience.)
2. MidAmerican screens the project to verify that the project meets program guidelines.
3. If the project is accepted, MidAmerican's energy design consultant facilitates a series of energy design assistance meetings with the design team that will develop optional energy conservation strategies and the estimated incremental costs of each strategy.
4. The energy design consultant provides a final energy design report to the owner and design team, describing implementation, energy savings and simple paybacks for the strategies.
5. The building owner and design team choose those strategies that will be incorporated into construction.

Call **800-292-6448** today.

## Types of Building Systems Analyzed in the Design Process Include the Following.

- Glazing systems
- Window layouts
- Daylighting controls
- Envelope systems
- Lighting controls and lighting designs
- Heating and cooling plant systems
- Load-responsive fan and pump motor controls
- Outside air control systems

## Design Incentives

MidAmerican contracts with an independent energy design consultant to facilitate design team deliberations of various energy-saving strategies. MidAmerican also will pay a design team participation incentive fee to offset all or most of the design team members' expenses associated with working with our consultant. The design team participation incentive fee is based on square footage as shown in the table to the right.

There is no requirement to keep extensive time and materials records. The design team simply submits completed construction documents to MidAmerican's energy design consultant and then invoices MidAmerican for the design team fee. Upon receipt of the design team invoice, MidAmerican will send the incentive payment to the designated design team lead for distribution among the team participants.

## Design Team Participation Incentives

BUILDING SIZE (s.f.)	DESIGN TEAM INCENTIVE
< 5,000	\$2,000
10,000	\$2,400
20,000	\$2,900
30,000	\$3,300
40,000	\$3,800
50,000	\$6,000
100,000	\$7,000
150,000	\$8,000
200,000	\$9,000
250,000	\$10,000
300,000	\$11,000
350,000	\$12,000
400,000	\$13,000

## Construction Phase

For projects 50,000 square feet or larger, MidAmerican's energy design consultant will review the final construction documents to locate the energy design strategies the owner selected. A Construction Documents Report will identify the percent of achievement of the energy efficiency goal. The report gives the owner opportunity to make adjustments to the construction documents for energy strategies that were inadvertently omitted. In some instances, the owner may confirm originally selected strategies are no longer desired. This may result in a lower construction incentive than originally projected during the energy design phase.

For projects less than 50,000 square feet, construction documents reviews are not performed. Instead, MidAmerican provides a list of design requirements necessary to achieve the energy efficiency goal and the full incentive.

After completion of construction and building occupancy, MidAmerican's consultant provides a final Verification Report.

## Construction Incentives

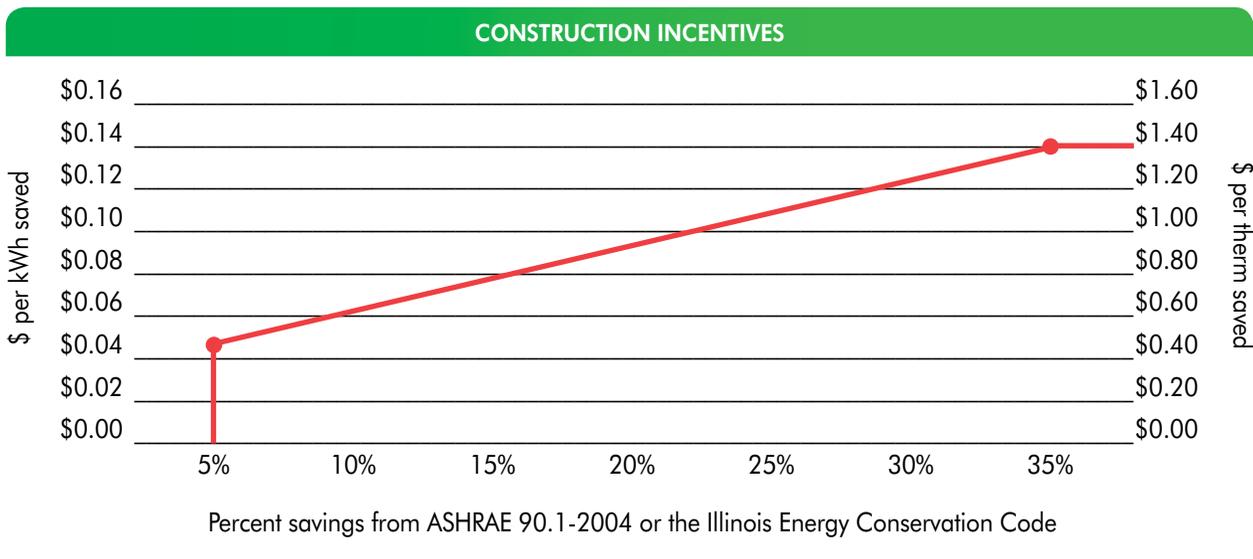
Construction incentives are paid to the building owner based on the electric and natural gas savings modeled and verified as installed by MidAmerican. A minimum energy savings of 5 percent better than ASHRAE 90.1-2004 or the Illinois Energy Conservation Code are required for construction incentives to be awarded. Incentives are paid to the owner/developer upon receipt of the final energy verification report.

Construction incentives range from 5 cents per kilowatt-hour saved up to 14 cents per kilowatt-hour saved as illustrated in the Construction Incentives chart below. The program also includes construction incentives for natural gas energy conservation. Construction incentives are structured to help buy down the payback for the higher investment in high-efficiency strategies. However, incentives may not lower the simple payback of a project's incremental cost below a one-year payback. For projects with long payback periods, the

construction incentive formula may not reduce the incremental cost to one year. Additional financial incentives may be available for commercial buildings designed for occupancy by tenants not related to or affiliated with the building's ownership.

## Questions?

To see if your next commercial development qualifies for MidAmerican's Commercial New Construction program, call MidAmerican at 800-292-6448.



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 rebate.

# 2009 Illinois Commercial New Construction Screening Form

**ATTENTION**  
 Please photocopy this form and save the original for future use or download additional copies at [www.midamericanenergy.com/illinois\\_cnc](http://www.midamericanenergy.com/illinois_cnc).

## Project Information

Company name \_\_\_\_\_ Contact name \_\_\_\_\_  
 Service address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Project name \_\_\_\_\_ Building type \_\_\_\_\_  
 Project location \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
 Construction type:  New  Addition  Retrofit/Renovation Gas acct. # \_\_\_\_\_  
 Project square footage \_\_\_\_\_ Electric acct. # \_\_\_\_\_

## Design Firm Information

**Architectural firm** \_\_\_\_\_  
 Contact name \_\_\_\_\_ E-mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
**Mechanical engineering firm** \_\_\_\_\_  
 Contact name \_\_\_\_\_ E-mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
**Electrical engineering firm** \_\_\_\_\_  
 Contact name \_\_\_\_\_ E-mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
**Development company** \_\_\_\_\_  
 Contact name \_\_\_\_\_ E-mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
**Owner's representative** \_\_\_\_\_  
 Contact name \_\_\_\_\_ E-mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
**Design/build firm** \_\_\_\_\_  
 Contact name \_\_\_\_\_ E-mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

## Project Schedule

	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	CONSTRUCTION DOCUMENTS	CONSTRUCTION
Start date				
Finish date				

## Design Consideration Options (willingness to consider energy-saving alternatives):

	Very	Somewhat	Not at all		Very	Somewhat	Not at all
Orientation/building layout	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Daylighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glazing type and window layout	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Envelope alternatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lighting controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lighting design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HVAC efficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Load-responsive equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outside air control systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Other items you are considering _____							

Primary contact \_\_\_\_\_  
 Phone \_\_\_\_\_ Date \_\_\_\_\_

**Please fax this form to MidAmerican at 563-333-8252. Call 800-292-6448 with questions.**

## Federal Tax Credits for Energy Efficiency

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

For MidAmerican Use  
 Date received \_\_\_\_/\_\_\_\_/\_\_\_\_ Date approved \_\_\_\_/\_\_\_\_/\_\_\_\_ Equipment approved by \_\_\_\_\_  
 Rebate amount \_\_\_\_\_

800-292-6448

www.MIDAMERICANENERGY.com/illinois\_ee



## 2009 Illinois Curtailment Program



Financial incentives are available to large commercial and industrial customers for reducing energy usage during peak periods.



# Reduce peak energy usage and gain financial rewards for your operation.



## The EnergyAdvantage<sup>®</sup> Curtailment program

is designed to allow MidAmerican Energy Company's large commercial and industrial customers in Illinois to receive financial incentives for reducing peak electrical demand.

Industrial or commercial customers capable of reducing electricity use by 250 kW or more during peak demand periods are eligible for the curtailment program.

### How the Curtailment Program Works

The curtailment program is designed to help manage demand for electricity – June through September – when temperatures are highest. Generally, the curtailment periods will begin around 1 p.m. and last for approximately six hours. MidAmerican's key account managers contact participants to issue warnings of potential peak periods two to 12 hours before the actual events. During these periods, customers must reduce their use of electricity supplied by MidAmerican by at least 250 kW. This reduction can be achieved by limiting air conditioning, reducing or shifting the operation of other equipment or by using

auxiliary on-site electrical generation. The program is available to all nonresidential customers with a minimum of 250 kW of curtailable load where MidAmerican delivers electricity in its Illinois service territory.

### Reducing Energy Pays

Curtailment incentives are based on the contracted kW reduced during peak periods and are payable as rebates at the end of the peak energy season. To determine if your business qualifies for participation in the curtailment program, contact your key account manager at MidAmerican or e-mail MidAmerican at [curtailment@midamerican.com](mailto:curtailment@midamerican.com).

### For More Information

For more information, please visit our Web site at [www.midamericanenergy.com/illinois\\_curtailment](http://www.midamericanenergy.com/illinois_curtailment).



866-584-0871



[www.MIDAMERICANENERGY.com/illinois\\_ee](http://www.MIDAMERICANENERGY.com/illinois_ee)

748668308

## 2009 Illinois Nonresidential Custom Systems Program



An opportunity for nonresidential customers to implement unique energy efficiency solutions.



# Update your building systems or production processes with customized solutions.



## MidAmerican Energy Company's Nonresidential Custom Systems program

provides financial incentives to help nonresidential customers implement energy-efficient equipment and systems that are custom-designed to fit their specific needs.

The Custom program is for customers installing individual high-efficiency equipment and systems in new and existing buildings or production processes. These improvement projects generally do not fit well under MidAmerican's other EnergyAdvantage® programs.

The Custom program is available to all customers where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory, including commercial, industrial, agribusiness, and public and private institutional customers, such as governmental organizations, schools, hospitals, churches and others. To be eligible for an incentive, an application for the Custom program must be received and approved prior to the customer's purchase and installation of equipment or systems.

### Save Some Green – Become More Energy Efficient

The Custom program is designed to help customers reduce monthly energy costs by offering incentives that buy down a part of the higher cost of high-efficiency building systems relative to less efficient alternatives. The focus is primarily on space lighting, heating, cooling, ventilation and control systems not addressed in other MidAmerican programs. The Custom program also offers incentives to buy down the higher cost of high-efficiency production equipment and systems, such as process refrigeration systems, air compressor systems, large process boilers and large ground-source heat pump systems.

Cash rebates will be customized based on qualifying equipment's higher incremental cost, peak demand reduction, annual energy use reduction and annual energy cost savings.

### Qualifying Projects

The program is designed for energy-saving projects not covered in other programs. Here are some examples of building and process projects that may qualify for energy efficiency incentives through customized programs.

- Motors over 200 horsepower
- Energy management systems
- Boilers over 2.5 million Btuh capacity
- Direct-fired heating systems
- Thermal energy storage
- Variable air volume conversions
- Waste-recovery systems
- Process boiler, chiller and refrigeration improvements
- Process and heat-recovery heat pumps
- Above State of Illinois Building Code windows
- Above State of Illinois Building Code ceiling, wall and foundation insulation not included in other EnergyAdvantage programs

### Federal Tax Credits for Energy Efficiency

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

Call **800-318-8915** today.

## How to Participate

Please complete the enclosed application before purchasing new high-efficiency equipment or systems.

Participants must complete all sections of the application. Complete descriptions of the proposed high-efficiency project and the less efficient alternative being considered are required, including the difference in energy consumption and equipment and installation costs between the two alternatives. Supporting calculations for the estimated energy savings and cost estimates for the proposed project are required.

MidAmerican will review participant's application for completeness and to determine if the project qualifies for incentives. If information is not adequate, MidAmerican will make every effort to obtain additional required information to support the energy-savings claims from participants and their contractors. Missing or incomplete information may cause delays in preapproval of the project for energy efficiency incentives and could delay the project.

Participants will be notified of any additional requirements specific to their project via MidAmerican's project preapproval letter. In some circumstances, MidAmerican will provide oral preapprovals for

qualifying projects in order to avoid delay of project execution. All oral preapprovals will be followed by a written preapproval notice with appropriate verification instructions.

Custom projects are subject to verification before MidAmerican is able to release the cash rebate. Some projects may be self-verified using a form MidAmerican will provide for this purpose. Larger, more complex projects may require MidAmerican's on-site verification after installation and receipt of paid and dated invoice copies.

### Send application and supporting documentation to:

MidAmerican Energy Company  
EnergyAdvantage Programs  
P.O. Box 17129  
Des Moines, Iowa 50317

## Questions?

**Customers may call MidAmerican toll free at 800-318-8915 with questions about application procedures, qualifying projects, incentives or verification procedures. You also may fax your application to 515-564-1042.**

## Terms and Conditions

- Rebates are available for qualifying equipment purchased and installed in commercial, industrial and other nonresidential facilities where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory.
- Approval by MidAmerican is required **prior** to equipment purchase. Each application will be evaluated individually.
- Projects must be completed within 12 months of preapproval. Requests for time extensions will be considered.
- A self-verification notice with a sales receipt or vendor/contractor invoice must be submitted after installation is complete.
- Potential energy savings will be reviewed by MidAmerican before preapproval is granted.
- All project installations with rebates exceeding \$20,000 require on-site verification of installation by MidAmerican or its agent prior to issuance of rebate check. MidAmerican reserves the right to verify project installations where rebates are less than \$20,000.
- MidAmerican reserves the right to install a metering device on new equipment, and to verify sales receipts and canceled checks as well as on-site verification of equipment installation during the customer's normal business hours, before or after issuing a rebate.
- Rebate check will be sent within two to three weeks of installation verification.
- Rebates for installation projects are based on rebate schedules in effect on the installation date.
- Rebate check will be issued to the building owner or account holder when equipment is installed in an existing building. The check will be issued to the builder/general contractor or building owner when equipment is installed in a new building.
- Rebate may be subject to income tax. Please consult your tax advisor for more information.
- MidAmerican reserves the right to change or cancel this program at any time.

# 2009 Illinois Custom Systems Project Preapproval Application

Please complete both sides of this application and attach copies of invoices.

**ATTENTION DEALERS**  
Please photocopy this form and save the original for future use or download additional copies at [www.midamericanenergy.com/illinois\\_custom](http://www.midamericanenergy.com/illinois_custom).

**Mail to:** MidAmerican Energy Company, EnergyAdvantage Programs, P.O. Box 17129, Des Moines, IA 50317 **or fax to** 515-564-1042. Call 800-318-8915 with questions about the program.

## Customer Information

MidAmerican account number (found on bill) \_\_\_\_\_  
Service address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Company name on bill \_\_\_\_\_  
Rebate check (if applicable) should be payable to \_\_\_\_\_  
Mailing address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Contact person \_\_\_\_\_ Title \_\_\_\_\_  
Phone \_\_\_\_\_ E-mail address \_\_\_\_\_  
Is company incorporated?  Yes  No

## 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 the described new equipment or systems have not been purchased or installed at the indicated location. I understand that MidAmerican reserves the right to inspect and verify installation before and after issuing the rebate payment.

**Customer signature** \_\_\_\_\_ **Date** \_\_\_\_\_

## Facility Information (check one)

Office  Lodging  Grocery  Convenience Store  Church  
 Retail  Warehouse  School/College  Multifamily  Industrial/Manufacturing  
 Fast Food  Restaurant  Health Care  Other \_\_\_\_\_  
Building size \_\_\_\_\_ sq.ft. (area) Do you:  own or  rent this building?  
Year building was constructed: \_\_\_\_\_

## Facility 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.

## Seasonal Operating Schedule (please check one)

Summer only (June - Sept.)  Year-round  
 Winter only (Oct. - May)  Other \_\_\_\_\_

## Equipment 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.

## Planned Energy Efficiency Project (please describe equipment/system to be replaced/upgraded and attach documentation)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## This new custom equipment/system is:

Replacement  New Construction  New Installation

## Project Specifier/Contractor Information (engineer; architect; mechanical/electrical contractor; dealer; etc.)

Specifier company name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_ Fax \_\_\_\_\_  
Contact person \_\_\_\_\_ Phone \_\_\_\_\_ E-mail address \_\_\_\_\_

## Specifier/Contractor Agreement

I certify that all equipment and installation information provided on this application is correct and accurate.

**Specifier/contractor signature** \_\_\_\_\_ **Date** \_\_\_\_\_



## 2009 Illinois Custom Systems Project Preapproval Application

Please complete **both** sides of this application.

**ATTENTION DEALERS**  
 Please photocopy this form and save the original for future use or download additional copies at [www.midamericanenergy.com/illinois\\_custom](http://www.midamericanenergy.com/illinois_custom).

### Estimated Energy Savings (Calculations and documentation must be attached.)

**Electricity**

Summer peak demand reduction \_\_\_\_\_ kW  
 Annual energy reduction \_\_\_\_\_ kWh  
 Annual energy cost savings \$ \_\_\_\_\_

**Natural Gas**

Winter peak demand reduction \_\_\_\_\_ therms/day  
 Annual usage reduction \_\_\_\_\_ therms  
 Annual energy cost savings \$ \_\_\_\_\_

### Custom Equipment Project Information (Please use additional sheets if necessary.)

Please describe the **existing equipment and/or system** to be replaced/upgraded.

MANUFACTURER	MODEL #	SIZE	EFFICIENCY RATING	QUANTITY	EQUIPMENT COST	INSTALLATION COST (LABOR)	EQUIPMENT LIFE (Yrs.)

Written description:

Please describe the **proposed standard-efficiency equipment and/or system** that would be installed.

MANUFACTURER	MODEL #	SIZE	EFFICIENCY RATING	QUANTITY	EQUIPMENT COST	INSTALLATION COST (LABOR)	EQUIPMENT LIFE (Yrs.)

Written description:

### Other Custom Systems Project Information (Please use additional sheets if necessary.)

Written description:

Provide building or manufacturing systems or equipment information that does not fit into the tables above. Or, call MidAmerican at **800-318-8915** to discuss your project and any information MidAmerican might need to complete its review.

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 rebate.

For MidAmerican Use

Date received \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ Date approved \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_ Equipment approved by \_\_\_\_\_

Incentive amount \_\_\_\_\_

800-318-8915

www.MIDAMERICANENERGY.com/illinois\_ee



## 2009 Illinois Nonresidential Energy Analysis Program



Get expert help in reducing monthly energy costs for your business through MidAmerican Energy Company's Nonresidential Energy Analysis program.



# Eliminating energy waste is an ideal way to benefit the bottom line of your business.



## MidAmerican's Nonresidential Energy Analysis program

promotes in-depth energy assessments and implementation of comprehensive energy-savings strategies in existing commercial, governmental and institutional facilities and in industrial buildings and their production processes.

The Nonresidential Energy Analysis program provides information to customers to improve the energy performance of existing nonresidential facilities. The program offers organizational and technical assistance to help customers identify and pursue energy management and energy efficiency improvements. MidAmerican provides participating customers with a diagnostic evaluation of the organizations' energy management practices and scoping-level, facility-wide energy assessment.

Energy assessments can vary widely in scope and associated cost, depending on the following.

- **Area of Assessment Focus:**  
Single Measure – e.g., boiler, chiller, windows, etc.  
System – e.g., chilled water system including chiller, cooling tower, pumps, piping, controls, etc.  
Facility-wide – all energy-using equipment and energy-related systems at facility
- **Level of Detail (i.e., precision of savings and cost estimates):**  
Scoping-level audits provide low-cost, high-level reports and recommendations, but with sufficient details to make informed choices for a wide spectrum of energy improvement options. The scoping-level audit contains enough information and certainty to select worthwhile investment options.  
Investment-grade audits typically are conducted on a single measure or system in order to more fully investigate expensive or complex projects.

While the program offers expert technical assistance for individual equipment or system energy needs, the program design assumes most existing nonresidential facilities would benefit from a scoping-level audit/assessment. The primary objectives of a scoping-level, whole-facility energy assessment are to:

- **Establish a facility's baseline energy use and/or energy benchmarks and**
- **Identify, inventory and quantify cost-effective energy improvement projects.**

This information allows facility administrators and operators to:

- **Manage energy issues and usage and**
- **Make informed decisions on capital investments for energy improvement projects based on technical and economic analyses.**

### Here's How the Program Works

The process begins when we receive your Program Participation Application and prescreen your facility to confirm your eligibility. The program is limited to 25,000 square feet or larger business facilities where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory.

If your facility is eligible, we will schedule, at your convenience and at no cost to you, a diagnostic evaluation of your organization's energy

Call **800-432-8583** today.

management practices and a comprehensive facility walk-through energy assessment to identify energy efficiency opportunities.

Following these assessments, MidAmerican provides a written summary report that will benchmark your facility's energy performance against other similar facilities and provide recommendations in the following areas:

- Improvements in your organization's energy management systems,
- No-cost and low-cost operational changes to improve energy efficiency,
- Capital projects to improve energy efficiency,
- Strategies for lowering effective energy prices (e.g., load management demand reduction, service level changes, etc.),
- Retro-commissioning activities, where warranted and
- Additional projects requiring detailed investment-grade engineering studies, where warranted.

Next, MidAmerican reviews the assessment results with your management. If your organization decides that it prefers to pursue a single energy improvement measure or multiple improvements individually, MidAmerican will assist in getting you into the best alternative program; i.e., one of our nonresidential equipment programs (HVAC Equipment, Lighting Equipment, Motors & Variable-Speed Drives, Insulation or Commercial Kitchen Equipment programs) or the Custom Systems program for items that are not included in the equipment programs.

However, if your goal is to pursue a comprehensive approach to energy management and achieve a high-performance facility, MidAmerican's **EfficiencyPartners**<sup>®</sup> may be for you. This program promotes continuous energy improvements by formalizing a partnership between MidAmerican and the customer.

## EfficiencyPartners

MidAmerican will work with each *EfficiencyPartners* customer to create an Energy Efficiency Action Plan that is custom-designed specifically for your organization's short- and long-term needs.

Each MidAmerican *EfficiencyPartners* customer receives additional technical assistance services, including assistance with the following activities:

- Scheduling, managing and implementing your long-term, multiyear Energy Efficiency Action Plan,
- Completing incentive applications,
- Finding qualified vendors to provide energy-efficient equipment and engineering services,
- Preparing requests for price quotations from equipment vendors,
- Evaluating vendor proposals,
- Benchmarking your facility's energy use,
- Funding, managing and reviewing detailed engineering analyses,
- Measuring and verifying project performance and energy savings and
- Applying for U.S. Environmental Protection Agency ENERGY STAR<sup>®</sup> designation (commercial, governmental and institutional facilities only).

## Qualifying Projects

Qualifying measures include, but are not limited to, the following measures.

- Energy management systems
- NEMA Premium<sup>®</sup>-efficient motors
- Variable-speed drives
- Heating and cooling systems
- Lighting
- Lighting control systems
- Insulation
- Windows
- Boilers with more than 2 million Btu capacity
- Direct-fired heating systems
- Thermal energy storage
- Variable air volume conversions
- Boilers for water heating
- Waste heat-recovery systems
- Process boiler improvements
- Process chiller improvements
- Process refrigeration improvements
- Compressed air improvements
- Process heat pumps
- Industrial heat pumps
- Ground-source heat pumps

## Available Financial Incentives

For non-*EfficiencyPartners* participants, cash incentives will be offered on installed, qualifying energy efficiency measures in accordance with MidAmerican's Nonresidential Equipment and Custom Systems programs. See MidAmerican's

energy efficiency Web site at [www.midamericanenergy.com/illinois\\_business](http://www.midamericanenergy.com/illinois_business) for more information about these programs.

For *EfficiencyPartners* participants, MidAmerican will provide incentives to help offset the upfront cost of all installed and qualifying energy-efficient measures recommended in the energy assessment summary report. *EfficiencyPartners*' incentives are structured to buy down the simple payback of your project within prescribed limits. Incentives will be capped at a maximum buy down of four years payback of customer's incremental costs. MidAmerican also will reimburse *EfficiencyPartners* up to the full amount of the partner's share of the cost of recommended detailed investment-grade energy studies upon MidAmerican verification of installed energy-efficient equipment or other recommended energy efficiency measures. To

receive full reimbursement, the annual cost savings projected from installed measures must equal or exceed the customer's share of the energy study cost.

## Questions?

For more information about the *EfficiencyPartners* program, contact your MidAmerican key account manager at one of the numbers previously provided to you.

**For other industrial or manufacturing customers**, call a MidAmerican representative at 877-463-2377.

**For all other nonresidential customers** (e.g., commercial, governmental, institutional, etc.), call us at 800-432-8583.

## Terms and Conditions

- Rebates are available for qualifying equipment purchased and installed in commercial, industrial and other nonresidential facilities where MidAmerican delivers electricity and/or natural gas in its **Illinois** service territory.
- All project installations with rebates exceeding \$20,000 require on-site verification of installation by MidAmerican or its agent prior to issuance of rebate check. MidAmerican reserves the right to verify project installations where rebates are less than \$20,000.
- Approval by MidAmerican is required **prior** to equipment purchase. Each application will be evaluated individually.
- Projects must be completed within timelines agreed to in signed Energy Efficiency Action Plans. Requests for extensions will be considered.
- Rebate is not payable until equipment is installed, operating and approved by MidAmerican.
- Potential energy savings will be reviewed by MidAmerican before preapproval is granted.
- MidAmerican reserves the right to install a metering device on new equipment, and to verify sales receipts, canceled checks as well as on-site verification of equipment installation during the customer's normal business hours, before or after issuing a rebate.
- Rebate check will be sent within two to three weeks of installation verification.
- Rebates for installation projects are based on rebate schedules in effect on the installation date.
- Rebate check will be issued to the building owner or account holder when equipment is installed in an existing building. The check will be issued to the builder/general contractor or building owner when equipment is installed in a new building.
- Rebate may be subject to income tax. Please consult your tax advisor for more information.
- MidAmerican reserves the right to change or cancel this program at any time.

## 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 Nonresidential Energy Analysis/EfficiencyPartners Application

## Customer Profile

Organization name \_\_\_\_\_ Project contact \_\_\_\_\_

MidAmerican account numbers \_\_\_\_\_ Contact title \_\_\_\_\_

Type of business \_\_\_\_\_ Contact address \_\_\_\_\_

Business sector Industrial  Commercial  \_\_\_\_\_

Contact e-mail \_\_\_\_\_

Utility rate class \_\_\_\_\_ Contact phone \_\_\_\_\_

Parent company \_\_\_\_\_ SIC/NAICS code \_\_\_\_\_

### Additional sites served by MidAmerican

Additional site address 1 \_\_\_\_\_ Site contact \_\_\_\_\_

Additional site address 2 \_\_\_\_\_ Site contact \_\_\_\_\_

Additional site address 3 \_\_\_\_\_ Site contact \_\_\_\_\_

## Energy Consumption Profile

Please list the normal operating hours of the facility. \_\_\_\_\_

Please list the total square footage of the facility. \_\_\_\_\_

Please assign a percentage of the total facility area that is used for the following functions:

Office Space: \_\_\_\_\_ Manufacturing Area: \_\_\_\_\_ Warehouse: \_\_\_\_\_ Other: \_\_\_\_\_

Please provide a brief narrative of the operations at the facility. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please list the major operations and/or energy-consuming pieces of equipment at the facility. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Are you able to allocate funds to a capital improvement project that results in energy savings within the next 18 months?

\_\_\_\_\_  
\_\_\_\_\_

Please list your company's payback requirements. \_\_\_\_\_

Have you had an energy audit or detailed study conducted at your facility before? If so, when? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

I, the undersigned, agree that to the best of my knowledge the information submitted above is representative of the site listed above. I (customer) understand that submitting an application does not guarantee that the company I represent will be accepted as an EnergyAdvantage EfficiencyPartners participant. I understand that, if accepted, MidAmerican expects a good faith effort to implement comprehensive energy efficiency projects. MidAmerican will assist the customer by providing technical and financial assistance, if appropriate, throughout the implementation process. I am authorized by the customer organization listed above to submit this application on its behalf.

\_\_\_\_\_  
Customer contact name Customer contact signature Date

For MidAmerican Use
Application # _____
Date received ____/____/____ Date approved ____/____/____ Approved by _____

800-432-8583

www.MIDAMERICANENERGY.com/illinois\_ee

