

2009 Iowa 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[®] 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.

The MidAmerican EnergyAdvantage Commercial New Construction program assists to lower building operating costs by adding significant investment value in the form of state-of-the-art, reliable and cost-effective building operating systems. In order to achieve these results, MidAmerican provides owner/developers and their design teams with energy design assistance services to study and test energy efficiency strategies. MidAmerican's energy design services are available at no cost to owners and developers.

Program Requirements

Commercial customers who purchase their primary electricity and/or natural gas directly from MidAmerican are eligible for the Commercial New Construction program. This program is now available to all new commercial buildings and building renovation projects in MidAmerican's **Iowa** service territory.

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 & Variable-Speed Drives program and Custom Systems program. Visit our Web site at www.midamericanenergy.com/ business or call 800-292-6448 for information about these programs.

MidAmerican's Commercial New Construction Program Offers Two Tracks of Service to Match the Needs of Your Project

Custom Track closely follows MidAmerican's traditional approach to high performance new buildings. Energy savings through this track are typically 30-40 percent better than the Iowa Energy Code. The ideal enrollment time is just before the end of the schematic design phase; however, this track can accommodate later enrollment.

Custom Plus Track goes beyond the traditional Custom Track path, both in terms of energy design analysis and results. This track is designed to help developers achieve 40-60 percent and higher savings above the Iowa Energy Code and meet ENERGY STAR[®], Leadership in Energy and Environmental Design (LEED), 2030 Challenge, federal tax credits or other energy goals. Custom Plus projects that achieve at least 40 percent energy savings as compared to the Iowa Energy Code usually attain one or more of those goals. Enrollment must occur in Space-Type Programming phase, or just following architect selection.

Custom Plus projects that do not reach 30 percent energy savings compared to the Iowa Energy Code may incur a reduced construction incentive to offset some of the additional energy design assistance costs

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

associated with early energy modeling and daylighting analysis that is unique to this track.

Energy Design Phase

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

Application – The design team or owner submits an application form to prequalify the project. This should be done as early in the design process as possible. An application form is included as part of this brochure for your convenience.

Screening – MidAmerican screens the project to verify that the project meets program guidelines.

Acceptance – 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.

Consultation – 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.

Implementation – The building owner and design team choose those strategies that will be incorporated into construction. MidAmerican’s EnergyAdvantage Commercial New Construction program provides financial incentives to help building projects get started right by optimizing energy efficiency strategies now, before construction begins.

Building Systems Analyzed

The types of building systems analyzed in the Energy Design Phase include the following.

- Glazing systems and window layouts
- Daylighting controls
- Envelope systems
- Lighting controls and lighting designs
- Heating and cooling plan 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 below. There is no requirement to keep extensive time and materials records. The design team simply submits completed construction documents to 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 more than 50,000 square feet, 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

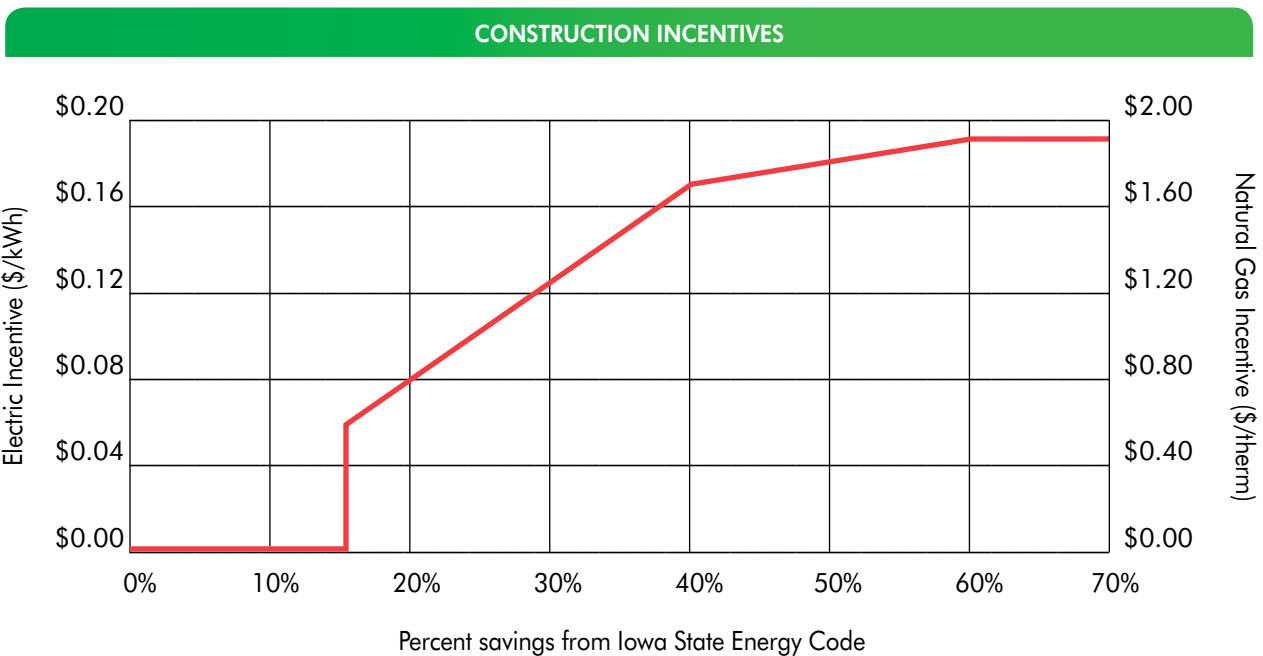
Construction incentives are paid to the building owner based on the electric and gas savings modeled and verified as installed by MidAmerican. A minimum energy savings of 15 percent better than the Iowa Energy Code are required for construction incentives to be awarded. Incentives are paid to the owner/developer upon receipt of the final energy verification report.

Construction incentives range from 6 cents per kilowatt-hour saved up to 19 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 or affiliated to 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 (in Iowa) or 563-333-8841 (if calling from outside of Iowa).



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 Iowa Commercial New Construction Application Form

ATTENTION
Please photocopy this form and save the original for future use or download additional copies at www.midamericanenergy.com/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 (in Iowa) or 563-333-8841 (if calling from outside of Iowa) 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 _____ Eligible for loan up to \$ _____

800-292-6448

www.MIDAMERICANENERGY.com/ee

