



2010 IOWA ENERGY ADVANTAGE® NEW HOMES PROGRAM

Feature	Equipment	2010 MidAmerican BOP
Cooling	Right-sized	Properly sized, recommend using ACCA Manual J or equivalent calculation
	Electric, forced-air, central air conditioners	14 SEER or greater
	Electric, forced-air, air-source heat pumps	14 SEER or greater
	Electric, ground-source heat pumps (closed loop)	14.1 EER or greater
	Electric, ground-source heat pumps (open loop)	16.2 EER or greater
Heating	Right-sized	Properly sized, recommend using ACCA Manual J or equivalent calculation
	Natural gas, forced-air furnaces	92 AFUE or greater
	Natural gas, boilers	90 AFUE or greater
	Electric, forced-air, air-source heat pumps	8.5 HSPF or greater
	Electric, ground-source heat pumps (closed loop)	3.3 COP or greater
	Electric, ground-source heat pumps (open loop)	3.6 COP or greater
Thermostat	Clock programmable thermostat	Setback with two or more temperature settings
Ductwork	Sheetmetal ducts	R-8 or greater insulation in unconditioned spaces
	Sheetmetal joints	Duct sealing at each joint using mastic and/or UL 181 approved tapes, such as metal-backed tape
	All low-pressure supply and return ducts	Duct sealing at each joint using mastic and/or UL 181 approved tapes, such as metal-backed tape
	Leakage	6% or less to unconditioned spaces
Infiltration	Natural air exchanges per hour (NACH)	0.45 or less NACH
	Mechanical ventilation	Strongly recommended if NACH is 0.31 or less
	Heat-recovery ventilator (HRV)	Optional
Insulation	Ceiling, insulation only	R-49 or greater
	Wood frame wall	R-19 or greater, or R-13 + 5
	Mass frame wall	R-15
	Floor, above unheated space	R-30 or greater
	Basement wall, insulation covering entire basement walls	R-10/13 or greater, basement does not need to be finished
	Basement, band/rim joist	R-19 or greater
	Slab	R-10 or greater under edge, back 4 feet
	Crawl space	R-10 or greater - R-13 or greater cavity
Windows	ENERGY STAR-qualified windows or better for the northern climate zone	0.35 U-factor or less
	Windows rated by the National Fenestration Rating Council (NFRC)	Must have NFRC window stickers
	Maximum window area	18% or less of conditioned floor area
Doors		R-5 or greater
Water Heaters	Natural gas, up to 60 gallons	0.62 EF or greater
	Natural gas, 60 - 80 gallons	0.85 thermal efficiency or greater
	Electric	0.93 EF or greater

Questions? Please call 800-894-9599.

SEE REVERSE SIDE FOR INCENTIVES.

2010 IOWA ENERGYADVANTAGE® NEW HOMES PROGRAM REBATE LEVELS

Builders have two options to qualify for EnergyAdvantage rebates.

Option 1 - EnergyAdvantage New Homes Program Specifications

This program option is available to new, unoccupied single-family homes in the Iowa service areas of MidAmerican Energy using energy provided directly by MidAmerican. For multifamily units, please call in advance for specifications.

Builder must meet all requirements on reverse side, with no exceptions.

<u>EnergyAdvantage Home</u>	<u>Rebate</u>
MidAmerican natural gas and electric	\$ 1,500
MidAmerican natural gas heat only	\$ 1,000
MidAmerican cooling only	\$ 500
Ground-source heat pump homes	\$ 1,000 plus additional rebate per the 2010 Residential Equipment rebate schedule

Rebate amounts will be prorated for homes less than 1,800 sf.

Program eligibility expires for homes not verified by March 31, 2011. After this time homes must meet 2011 New Homes specifications.

Option 2 - ENERGY STAR®-Labeled Home

This program option is available to new, single-family homes in the Iowa service areas of MidAmerican Energy using energy provided directly by MidAmerican. For multifamily units, please call in advance for specifications.

Builder must provide certification from a RESNET-certified HERS rater showing the home meets or exceeds ENERGY STAR standards.

Specifications are available at www.energystar.gov.

<u>ENERGY STAR-Labeled Home</u>	<u>Rebate</u>
MidAmerican natural gas and electric	\$ 1,750
MidAmerican natural gas heat only	\$ 1,250
MidAmerican cooling only	\$ 500
Ground-source heat pump homes	\$ 1,000 plus additional rebate per the 2010 Residential Equipment rebate schedule

Rebate amounts will be prorated for homes less than 1,800 sf.

Bonus Rebates

Equipment	Specifications	Rebate
Advanced lighting package	At least 60 percent of lighting (indoor and outdoor, basement, garage, etc.) must be qualified ENERGY STAR hardwired lighting fixtures and all ceiling fans with lighting must be ENERGY STAR qualified.	\$20/fixture (maximum \$300)
Refrigerator	ENERGY STAR (10 cubic feet or larger)	\$50
Freezer	ENERGY STAR (10 cubic feet or larger)	\$25
Dishwasher	ENERGY STAR (must use MidAmerican fuel for hot water)	\$20
Clothes washer	ENERGY STAR	Up to \$100, \$50 if water heater uses MidAmerican fuel, \$50 if dryer is heated by MidAmerican fuel

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www.midamericanenergy.com

