



## 2009 ENERGY ADVANTAGE® NEW HOMES PROGRAM

Feature	Equipment	2009 MidAmerican BOP
<b>Cooling</b>	<b>Right-sized</b>	<b>Properly sized, recommend using ACCA Manual J or equivalent calculation</b>
	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
<b>Heating</b>	<b>Right-sized</b>	<b>Properly sized, recommend using ACCA Manual J or equivalent calculation</b>
	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
<b>Thermostat</b>	Clock programmable thermostat	Setback with two or more temperature settings
<b>Ductwork</b>	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
<b>Infiltration</b>	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
<b>Insulation</b>	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
<b>Windows</b>	ENERGY STAR®-qualified windows or better for the northern climate zone	.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
<b>Doors</b>		R-5 or greater
<b>Water Heaters</b>	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.**

# 2009 ENERGY ADVANTAGE® 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 gas and electric	\$ 1,500
MidAmerican gas heat only	\$ 1,000
MidAmerican cooling only	\$ 500
Ground-source heat pump homes	\$ 1,000 plus additional rebate per the 2009 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, 2010. After this time homes must meet 2010 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](http://www.energystar.gov).

<u>ENERGY STAR-Labeled Home</u>	<u>Rebate</u>
MidAmerican gas and electric	\$ 1,750
MidAmerican gas heat only	\$ 1,250
MidAmerican cooling only	\$ 500
Ground-source heat pump homes	\$ 1,000 plus additional rebate per the 2009 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 <b>ENERGY STAR</b> hardwired lighting fixtures and all ceiling fans with lighting must be <b>ENERGY STAR</b> qualified.	\$20/fixture (maximum \$200)
Refrigerator	<b>ENERGY STAR</b> (10 cubic feet or larger)	\$50
Freezer	<b>ENERGY STAR</b> (10 cubic feet or larger)	\$25
Dishwasher	<b>ENERGY STAR</b>	\$20
Clothes washer	<b>ENERGY STAR</b>	\$100

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[www.midamericanenergy.com/newhomes](http://www.midamericanenergy.com/newhomes)

