

State of Iowa Appliance Rebate Guideline

Please note: customers will not be reimbursed more than the dollar amount paid for the appliance.

Products to be Rebated	Energy Star Criteria	Rebate Level (\$)
HEATING		
	Please see key below for acronyms	
Gas Boilers	AFUE \geq 85%	\$200
Gas Furnace	92% \leq AFUE $<$ 94%	\$200
Gas Furnace	94% \leq AFUE $<$ 96%	\$300
Gas Furnace	AFUE \geq 96%	\$400
Geothermal Heat Pump (Energy Star criteria)	Closed Loop Water-to-Air EER \geq 14.1 & COP \geq 3.3 Closed Loop Water-to-Water EER \geq 15.1 & COP \geq 3.0 Open Loop Water-to-Air EER \geq 16.2 & COP \geq 3.6 Open Loop Water-to-Water EER \geq 19.1 & COP \geq 3.4	\$400
Propane Furnace	91.5% \leq AFUE $<$ 93%	\$150
Propane Furnace	93% \leq AFUE $<$ 94.5%	\$250
Propane Furnace	AFUE \geq 94.5%	\$350
COOLING		
Air to Air Heat Pump	SEER \geq 15	\$200
Central Air System	SEER \geq 15	\$200
Window Air Conditioner	Energy Star rated	\$100
HOT WATER HEATERS		
Gas Storage Hot Water Heater (natural gas)	EF \geq 0.62	\$100
Whole home gas tankless	EF \geq 0.82	\$200
Heat Pump (electric)	EF \geq 2.0	\$200
Propane	EF \geq 0.62	\$150
OTHER APPLIANCES		
Refrigerator 12+ cu ft (Energy Star and Tier 1, 2 & 3 from CEE)	20% better than Federal standard; Volume \geq 12 cubic feet	\$200
Refrigerator 18+ cu ft (*Tier 3 from CEE)	30% better than Federal standard; Volume \geq 18 cubic feet	\$500
Clothes Washer (*Tier 3 from CEE)	MEF \geq 2.2 & WF \leq 4.5	\$200
Dishwasher – Energy Star rating	\leq 324 kWh/year & \leq 5.8 gallons per cycle	\$200
Dishwasher (*Tier 1 from CEE)	\leq 307 kWh/year & \leq 5.0 gallons per cycle	\$250
Total Rebates Awarded		\$2,775,150

* **Tier ratings** are from the Consortium for Energy Efficiency, a non-profit public benefits corporation promoting the manufacture and purchase of energy-efficient products and services. The higher the Tier number the higher the energy efficiency of the product. For additional information on appliances and their Tier ratings go to: <http://www.cee1.org/> and click on the *residential section*.

DEFINITIONS

AFUE (Annual Fuel Utilization Efficiency) The AFUE is the most widely used measure of a furnace's heating efficiency. It measures the amount of heat actually delivered to your house compared to the amount of fuel that you must supply to the furnace. Thus, a furnace that has an 80% AFUE rating converts 80% of the fuel that you supply to heat -- the other 20% is lost out of the chimney.

EER (Energy Efficiency Ratio) is a measure of how efficiently a cooling system will operate when the outdoor temperature is at a specific level (95°F). The higher the EER, the more efficient the system.

EF (Energy Factor) indicates a water heater's overall energy efficiency based on the amount of hot water produced per unit of fuel consumed over a typical day.

kWh (Kilowatt Hour) is a unit of energy equal to 3.6 megajoules .

MEF (Modified Energy Factor) is a new equation that replaced Energy Factor as a way to compare the relative efficiency of different units of clothes washers. The higher the Modified Energy Factor, the higher the efficiency of the clothes washer.

SEER (Seasonal Energy Efficiency Ratio) is most commonly used to measure the efficiency of a central air conditioner. The higher the SEER, the more efficient the system. SEER measures how efficiently a cooling system will operate over an entire season.

WF (Water Factor) is a standard that allows a comparison of the washing machine's water consumption. The lower the Water Factor the less water your washing machine uses.