

# Home Energy Rating Certificate

14223 Ridgemont Dr

Urbandale, IA 50323



**5 Stars Plus**  
**Verified Condition**

## Uniform Energy Rating System

Uniform Energy Rating System						Energy Efficient			
1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

HERS Index: **41**

## General Information

Conditioned Area: 6297 sq. ft.      HouseType: Single-family detached  
 Conditioned Volume: 63928 cubic ft.      Foundation: Conditioned basement  
 Bedrooms: 3

## Mechanical Systems Features

Ground-source heat pump: Electric, Htg: 4.0 COP. Clg: 24.9 EER, w/DSH.  
 Ground-source heat pump: Electric, Htg: 4.0 COP. Clg: 27.0 EER.  
 Water Heating: Conventional, Electric, 0.91 EF, 50.0 Gal.  
 Duct Leakage to Outside: 28.00 CFM.  
 Ventilation System: Balanced: ERV, 162 cfm, 182.0 watts.  
 Programmable Thermostat: Heating: Yes      Cooling: Yes

## Building Shell Features

Ceiling Flat: NA      Exposed Floor: R-30  
 Vaulted Ceiling: R-38      Window Type: .29 .34  
 Above Grade Walls: R-22      **Infiltration:**  
 Foundation Walls: R-22.0      Rate: Htg: 1091 Clg: 1091 CFM50  
 Slab: R-10.0 Edge, R-10.0 Under      Method: Blower door test

## Lights and Appliance Features

Percent Fluorescent Pin-Based: 10.00      Clothes Dryer Fuel: Electric  
 Percent Fluorescent CFL: 0.00      Range/Oven Fuel: Electric  
 Refrigerator (kWh/yr): 775.00      Ceiling Fan (cfm/Watt): 0.00  
 Dishwasher Energy Factor: 0.46

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

## REM/Rate - Residential Energy Analysis and Rating Software v12.85

This information does not constitute any warranty of energy cost or savings.  
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Rating Number: 2452511

Certified Energy Rater: Erin R Wiggins

Rating Date: 11/18/10

Rating Ordered For: Taylor, Jim & Joanne

## Estimated Annual Energy Cost

Use	Verified Condition		
	MMBtu	Cost	Percent
Heating	16.8	\$211	12%
Cooling	4.7	\$106	6%
Hot Water	11.8	\$187	11%
Lights/Appliances	70.0	\$1168	66%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$102	6%
<b>Total</b>		<b>\$1774</b>	<b>100%</b>

**This home meets or exceeds the minimum criteria for all of the following:**

EPA ENERGY STAR Home  
 ASHRAE Standard 90.2 - 1992  
 1998 International Energy Conservation Code  
 2000 International Energy Conservation Code  
 2001 International Energy Conservation Code  
 2003 International Energy Conservation Code  
 2004 International Energy Conservation Code  
 2006 International Energy Conservation Code  
 2009 International Energy Conservation Code  
 1992 CABO Model Energy Code  
 1993 CABO Model Energy Code

## Energy & Environmental

### Rating Alliance

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