

Home Energy Rating Certificate

17472 20 th St
Oelwein, IA 50662



**5 Stars Plus
Confirmed Rating**

Uniform Energy Rating System

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

Energy Efficient

HERS Index: 43

General Information

Conditioned Area: 6022 sq. ft.
Conditioned Volume: 61467 cubic ft.
Bedrooms: 3

House Type: Single-family detached
Foundation: Conditioned basement

Mechanical Systems Features

Ground-source heat pump: Electric, Htg: 2.9 COP. Clg: 13.0 EER.
Water Heating: Conventional, Electric, 0.91 EF, 50.0 Gal.

Duct Leakage to Outside: 21.00 CFM.
Ventilation System: Balanced: ERV, 138 cfm, 124.0 watts.
Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: R-50
Vaulted Ceiling: NA
Above Grade Walls: R-38
Foundation Walls: R-10.0
Slab: R-0.0 Edge, R-0.0 Under

Exposed Floor: R-42
Window Type: Andsn Low E .30 /.31

Infiltration:
Rate: Htg: 1407 Clg: 1407 CFM50
Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 100.00
Percent Exterior Lighting: 0.00
Refrigerator (kWh/yr): 650.00
Dishwasher Energy Factor: 0.65

Range/Oven Fuel: Propane
Clothes Dryer Fuel: Propane
Clothes Dryer EF: 3.01
Ceiling Fan (cfm/Watt): 0.00

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

REM/Rate - Residential Energy Analysis and Rating Software v12.97

This information does not constitute any warranty of energy cost or savings.
© 1985-2012 Architectural Energy Corporation, Boulder, Colorado.

Registry ID:

Rating Number: 10061

Certified Energy Rater: Donald Jahnke

Rating Date: 4-21-2011

Rating Ordered For: Todd Bradley

Estimated Annual Energy Cost

Confirmed Rating

Use	MMBtu	Cost	Percent
Heating	28.5	\$760	31%
Cooling	3.0	\$83	3%
Hot Water	14.7	\$397	16%
Lights/Appliances	43.2	\$1130	46%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$75	3%
Total		\$2445	100%

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

Home Energy Rating Provider

EnergyLogic, Inc

P.O. Box N

Bethoud CO 80513

800.315.0459

970.532.5074

