

Home Energy Rating Certificate

11050 14th St North
Lake Elmo, MN 55042



**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

HERS Index: 38

General Information

Conditioned Area:	4774 sq. ft.	HouseType:	Single-family detached
Conditioned Volume:	48288 cubic ft.	Foundation:	Conditioned basement
Bedrooms:	3		

Mechanical Systems Features

Ground-source heat pump:	Electric, Htg: 3.1 COP. Clg: 16.2 EER, w/DSH.
Heating:	Fuel-fired air distribution, Natural gas, 95.0 AFUE.
Water Heating:	Conventional, Electric, 0.91 EF, 105.0 Gal.
Duct Leakage to Outside:	50.00 CFM.
Ventilation System:	Balanced: HRV, 78 cfm, 105.0 watts.
Programmable Thermostat:	Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat:	R-50	Exposed Floor:	R-38
Vaulted Ceiling:	R-50	Window Type:	NFRC .21 / .54
Above Grade Walls:	R-30	Infiltration:	
Foundation Walls:	R-30.0	Rate:	Htg: 780 Clg: 780 CFM50
Slab:	R-30.0 Edge, R-10.0 Under	Method:	Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based:	10.00	Clothes Dryer Fuel:	Natural gas
Percent Fluorescent CFL:	0.00	Range/Oven Fuel:	Natural gas
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 v12.9

This information does not constitute any warranty of energy cost or savings.
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Rating Number: 11-XE-081-03

Certified Energy Rater: Dave Williams

Rating Date: 10/15/2010

Rating Ordered For:

Estimated Annual Energy Cost

Confirmed Rating

Use	MMBtu	Cost	Percent
Heating	15.0	\$278	16%
Cooling	3.9	\$80	5%
Hot Water	11.2	\$231	13%
Lights/Appliances	53.8	\$991	58%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$132	8%
Total		\$1711	100%

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

TITLE

Company

Address

City, State, Zip

Phone #

Fax #