

Home Energy Rating Certificate

644 Conway Rd
Madison, NH 03849



**5 Stars Plus
Site Visit**

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: 53

General Information

Conditioned Area: 3620 sq. ft. HouseType: Single-family detached
 Conditioned Volume: 34885 cubic ft. Foundation: Conditioned basement
 Bedrooms: 3

Mechanical Systems Features

Ground-source heat pump: Electric, Htg: 3.9 COP, Clg: 13.0 EER.
 Heating: Fuel-fired unit heater, Wood, 75.0 % EFF.
 Water Heating: Instant water heater, Propane, 0.82 EF, 0.0 Gal.
 Duct Leakage to Outside: NA
 Ventilation System: Balanced: ERV, 140 cfm, 80.0 watts.
 Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: NA Exposed Floor: NA
 Vaulted Ceiling: R-39 Window Type: Db/LE/Arg-Vnyl30.29***
 Above Grade Walls: R-30 **Infiltration:**
 Foundation Walls: R-10.0 Rate: Htg: 1520 Clg: 1520 CFM50
 Slab: R-10.0 Edge, R-0.0 Under Method: Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based: 20.00 Clothes Dryer Fuel: Electric
 Percent Fluorescent CFL: 80.00 Range/Oven Fuel: Propane
 Refrigerator (kWh/yr): 450.00 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 v12.95

This information does not constitute any warranty of energy cost or savings.

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Rating Number:

Certified Energy Rater: Gil Richardson

Rating Date: 9/15/2011

Rating Ordered For: Pual Dillaway & Debbie Temm

Estimated Annual Energy Cost

Use	Site Visit		
	MMBtu	Cost	Percent
Heating	41.0	\$1720	46%
Cooling	3.0	\$135	4%
Hot Water	15.6	\$397	11%
Lights/Appliances	32.9	\$1389	37%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$127	3%
Total		\$3768	100%

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

TITLE

Company

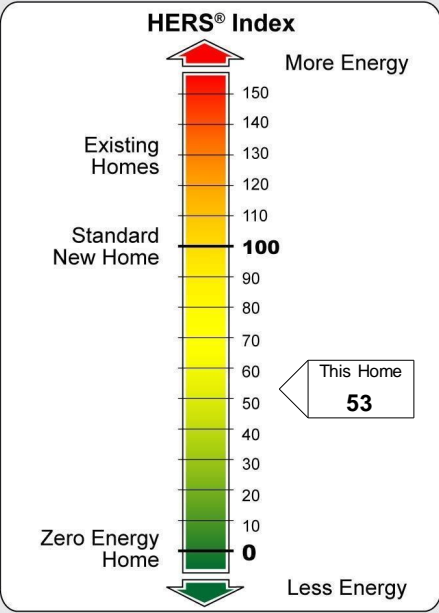
Address

City, State, Zip

Phone #

Fax #

RESNET HERS Index Certificate



644 Conway Rd
Madison, NH 03849
Rating Date: 9/15/2011
Rater: Gil Richardson

Annual Estimates*:
Electric(kWh): 20189
Propane(Gallons): 218
CO2 emissions(Tons): 9
Energy Savings (\$) **: 3911
**Based on standard operating conditions*
***Based on U.S. DOE designation of a HERS Index of 100 as the Typical Existing Home!*

TITLE
Company
Address
City, State, Zip
Phone #

This home has been inspected and performance tested in accordance with Chapter 3 of the RESNET standards.

RESNET[®]
www.resnet.us