

Home Energy Rating Certificate

49 Star Lake Village Rd.

Norwich, VT 05055



**5 Stars Plus
Verified Condition**

Efficiency Vermont

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	70-0

Energy Efficient

HERS Index: **53**

General Information

Conditioned Area: 1606 sq. ft. HouseType: Single-family detached
 Conditioned Volume: 11860 cubic ft. Foundation: Unconditioned basement
 Bedrooms: 3

Mechanical Systems Features

Heating: Fuel-fired hydronic distribution, Propane, 85.2 AFUE.
 Water Heating: Integrated, Propane, 0.78 EF, 32.0 Gal.

Duct Leakage to Outside: NA
 Ventilation System: Exhaust Only: 60 cfm, 22.0 watts.
 Programmable Thermostat: Heating: No Cooling: No

Building Shell Features

Ceiling Flat: NA Exposed Floor: R-0
 Vaulted Ceiling: R-37 Window Type: U:0.31, SHGC:0.36
 Above Grade Walls: R-28 Infiltration:
 Foundation Walls: R-10.0 Rate: Htg: 330 Clg: 330 CFM50
 Slab: None Method: Blower door test

Lights and Appliance Features

Percent Fluorescent Pin-Based: 30.00 Clothes Dryer Fuel: Electric
 Percent Fluorescent CFL: 30.00 Range/Oven Fuel: Electric
 Refrigerator (kWh/yr): 388.00 Ceiling Fan (cfm/Watt): 0.00
 Dishwasher Energy Factor: 0.65

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

REM/Rate - Residential Energy Analysis and Rating Software v12.5 Vermont

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

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Rating Number: 6038J245

Export Build Run No: 14049

Certified Energy Rater: Bruce Courtot

Rating Date: March 11, 2009

Rating Ordered For: Habitat for Humanity

Estimated Annual Energy Cost

Use	Verified Condition		
	MMBtu	Cost	Percent
Heating	36.5	\$1252	47%
Cooling	0	\$0	0%
Hot Water	16.4	\$562	21%
Lights/Appliances	18.7	\$748	28%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$119	4%
Total		\$2681	100%

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

- Federal Energy Policy Act, 2005*
- Vermont Energy Star Homes Criteria*
- Vermont Residential Energy Code*

* Compliance with criteria for this program is determined by the rater.

Vermont Energy Investment Corp.

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