

Home Energy Rating Certificate

87 Colony Rd.
Warren, VT 05674



**5 Stars Plus
Confirmed**

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 or Less |

Energy Efficient

HERS Index: **45**

General Information

| | | | |
|---------------------|-----------------|-------------|------------------------|
| Conditioned Area: | 3240 sq. ft. | HouseType: | Single-family detached |
| Conditioned Volume: | 36944 cubic ft. | Foundation: | More than one type |
| Bedrooms: | 5 | | |

Mechanical Systems Features

| | |
|----------------|---|
| Heating: | Fuel-fired hydronic distribution, Propane, 95.4 AFUE. |
| Water Heating: | Instant water heater, Propane, 0.82 EF, 0.0 Gal. |

| | |
|--------------------------|-------------------------------------|
| Duct Leakage to Outside: | NA |
| Ventilation System: | Balanced: HRV, 92 cfm, 246.0 watts. |
| Programmable Thermostat: | Heating: Yes Cooling: No |

Building Shell Features

| | | | |
|--------------------|------------|--------------------|---------------------------|
| Ceiling Flat: | NA | Slab: | R-22.0 Edge, R-15.0 Under |
| Sealed Attic: | NA | Exposed Floor: | R-31 |
| Vaulted Ceiling: | R-38 | Window Type: | U:0.28, SHGC:0.33 |
| Above Grade Walls: | R-22, R-12 | Infiltration Rate: | Htg: 487 Clg: 487 CFM50 |
| Foundation Walls: | R-22.0 | Method: | Blower door test |

Lights and Appliance Features

| | | | |
|----------------------------|--------|-------------------------|----------|
| Percent Interior Lighting: | 90.70 | Range/Oven Fuel: | Electric |
| Percent Exterior Lighting: | 64.30 | Clothes Dryer Fuel: | Electric |
| Refrigerator (kWh/yr): | 870.00 | Clothes Dryer EF: | 3.04 |
| Dishwasher Energy Factor: | 0.76 | 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 v14.3 Vermont

This information does not constitute any warranty of energy cost or savings.
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Registry ID: 807823272

Rating Number: 6038M640

Export Build Run No: 19100

Certified Energy Rater: Jen Severidt

Rating Date: November 22, 2013

Rating Ordered For: Chris Grant

Estimated Annual Energy Cost

| Use | Confirmed | | |
|-------------------|--------------|---------------|-------------|
| | MMBtu | Cost | Percent |
| Heating | 61.1 | \$2167 | 47% |
| Cooling | 0 | \$0 | 0% |
| Hot Water | 24.7 | \$875 | 19% |
| Lights/Appliances | 30.5 | \$1392 | 30% |
| Photovoltaics | -0.0 | \$-0 | -0% |
| Service Charges | | \$135 | 3% |
| Total | 119.1 | \$4569 | 100% |

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

- 2011 VT Residential Building Energy Standards*
- EPA ENERGY STAR Version 3 Homes*
- Federal Energy Policy Act, 2005*

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

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