

# Home Energy Rating Certificate

14 Crosier Ln  
Colrain, MA 01340



**5 Stars Plus  
Confirmed**

## 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: 5**

### General Information

Conditioned Area:	2694 sq. ft.	HouseType:	Single-family detached
Conditioned Volume:	22924 cubic ft.	Foundation:	Conditioned basement
Bedrooms:	2		

### Mechanical Systems Features

Heating:	Air-source heat pump, Electric, 4.3 COP.		
Water Heating:	Heat pump, Electric, 4.25 EF, 50.0 Gal.		
Water Heating:	Conventional, Electric, 0.91 EF, 50.0 Gal.		
Duct Leakage to Outside:	NA		
Ventilation System:	Balanced: HRV, 92 cfm, 102.0 watts.		
Programmable Thermostat:	Heating: Yes	Cooling: No	

### Building Shell Features

Ceiling Flat:	R-58.2	Slab:	R-10.0 Edge, R-20.0 Under
Sealed Attic:	NA	Exposed Floor:	NA
Vaulted Ceiling:	R-63.0	Window Type:	U-Value: 0.200, SHGC: 0.340
Above Grade Walls:	R-42.0	Infiltration Rate:	Htg: 307 Clg: 307 CFM50
Foundation Walls:	R-24.0	Method:	Blower door test

### Lights and Appliance Features

Percent Interior Lighting:	90.00	Range/Oven Fuel:	Propane
Percent Exterior Lighting:	100.00	Clothes Dryer Fuel:	Electric
Refrigerator (kWh/yr):	562.00	Clothes Dryer EF:	3.01
Dishwasher Energy Factor:	0.83	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 v14.5.1

This information does not constitute any warranty of energy cost or savings.  
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Registry ID: 863515740

Rating Number: HERS-214

Certified Energy Rater: Matt Turcotte

Rating Date: 9/4/14

Rating Ordered For: Peter Brooks

### Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	8.8	\$450	259%
Cooling	0	\$0	0%
Hot Water	5.5	\$279	161%
Lights/Appliances	22.7	\$1119	644%
Photovoltaics	-32.9	\$-1675	-964%
Service Charges		\$0	0%
<b>Total</b>	<b>6.7</b>	<b>\$174</b>	<b>100%</b>

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

### TITLE

### Company

Address

City, State, Zip

Phone #

Fax #