

Home Energy Rating Certificate

Projected Report
Based on Plans

Rating Date:
Registry ID:
Ekotrope ID: pdWg1x6d

HERS® Index Score:

54

Your home's HERS score is a relative performance score. The lower the number, the more energy efficient the home. To learn more, visit www.hersindex.com

Annual Savings

\$1,760

*Relative to an average U.S. home

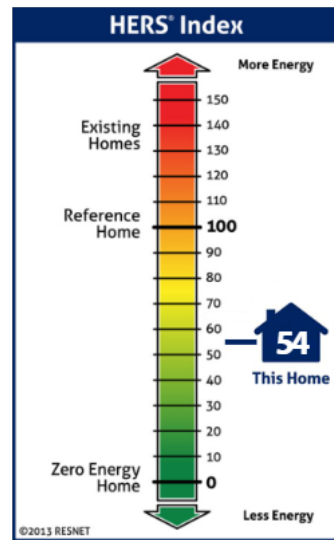
Home:
2 Newbury Ct
North Haven, CT 06473

Builder:
RAL Builders

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	13.7	\$485
Cooling	0.8	\$30
Hot Water	2.8	\$97
Lights/Appliances	18.3	\$646
Service Charges		\$115
Generation (e.g. Solar)	0.0	\$0
Total:	35.6	\$1,374

This home meets or exceeds the criteria of the following:



Home Feature Summary:

Home Type:	Duplex, single unit
Model:	Stiles
Community:	Pierpont Hill
Conditioned Floor Area:	1,906 ft ²
Number of Bedrooms:	3
Primary Heating System:	Air Source Heat Pump • Electric • 9 HSPF
Primary Cooling System:	Air Source Heat Pump • Electric • 18 SEER
Primary Water Heating:	Residential Water Heater • Electric • 3.75 UEF
House Tightness:	4.35 ACH50
Ventilation:	60 CFM • 21 Watts (Default)
Duct Leakage to Outside:	Forced Air Ductless
Above Grade Walls:	R-21
Ceiling:	Attic, R-48
Window Type:	U-Value: 0.28, SHGC: 0.33
Foundation Walls:	N/A
Framed Floor:	R-31

Rating Completed by:

Energy Rater: TJ McLear
RESNET ID: 5236047

Rating Company: Independent Insulation
583 Ward Street Ext Wallington CT 06492
12033767129

Rating Provider: Performance Systems Development
950 Danby Rd, Ste 201P, Ithaca NY 14850
607-277-6240



TJ McLear, Certified Energy Rater
Date: 9/18/22 at 5:55 PM



Ekotrope RATER - Version:4.0.2.2992
The Energy Rating Disclosure for this home is available from the Approved Rating Provider.
This report does not constitute any warranty or guarantee.

Connecticut Rebate Program Fuel Summary Comparison

Property

2 Newbury Ct
North Haven, CT 06473
Model: Stiles
Community: Pierpont Hill

Organization

Independent Insulation
TJ McLearn
2038158593

Inspection Status

Results are projected

Stiles Home @ Pierpont Hill - All Electric
Projection
Initial House Design

Builder

RAL Builders

Annual Energy Cost [\$ /yr]	Reference	Rated Home	Savings	% Saved
Electric	\$2,069	\$1,325	\$744	36%

Annual End-Use Cost [\$ /yr]	Reference	Rated Home	Savings	% Saved
Heating	\$810	\$401	\$409	50.5%
Cooling	\$94	\$69	\$25	26.6%
Water Heating	\$265	\$97	\$168	63.3%
Lights & Appliances	\$784	\$643	\$141	18%
Onsite Generation	-\$0	-\$0	\$0	0%
Service Charges	\$115	\$115	\$0	0%
Total	\$2,069	\$1,325	\$744	36%

Annual End-Use Consumption	Reference	Rated Home	Savings	% Saved
Heating [Electric kWh]	6,725.2	3,324.1	3,401.0	50.6%
Cooling [Electric kWh]	781.3	571.4	209.9	26.9%
Hot Water [Electric kWh]	2,200.9	806.7	1,394.1	63.3%
Lights & Appliances [Electric kWh]	6,504.4	5,336.2	1,168.2	18%
Total [Electric kWh]	16,211.7	10,038.4	6,173.3	38.1%
Total Onsite Generation kWh	0.0	0.0	0.0	0%

Peak Electric Consumption	Reference	Rated Home	Savings	% Saved
Peak Winter kW	4.48	2.16	2.32	51.7%
Peak Summer kW	1.75	1.28	0.47	27.1%

Utility Rates

Electricity	Eversource Electric 07/22 to 12/2022
Natural Gas	Eversource Nat Gas Avg 01-06/2021