

Home Energy Rating Certificate

Projected Report
Based on Plans

Rating Date:
Registry ID:
Ekotrope ID: ILKo3kkL

HERS® Index Score:

53

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

\$1,843

*Relative to an average U.S. home

Home:

28 Newbury Ct
North Haven, CT 06473

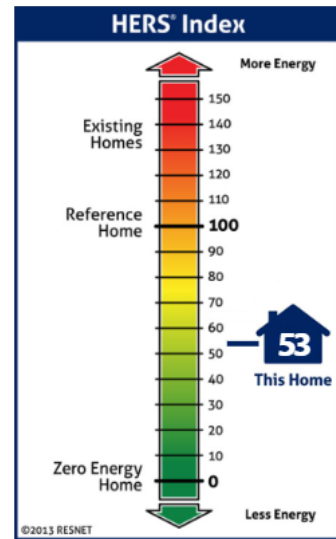
Builder:

RAL Developers

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	14.8	\$523
Cooling	0.7	\$26
Hot Water	2.7	\$96
Lights/Appliances	18.5	\$653
Service Charges		\$115
Generation (e.g. Solar)	0.0	\$0
Total:	36.8	\$1,414

This home meets or exceeds the criteria of the following:



Home Feature Summary:

Home Type:	Duplex, single unit
Model:	Bradley
Community:	Pierpont Hill
Conditioned Floor Area:	1,967 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:	3.7 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 5:57 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

28 Newbury Ct
North Haven, CT 06473
Model: Bradley
Community: Pierpont Hill

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

Organization

Independent Insulation
TJ McLearn
2038158593

Builder

RAL Developers

Inspection Status

Results are projected

Annual Energy Cost [\$ /yr]	Reference	Rated Home	Savings	% Saved
Electric	\$2,278	\$1,366	\$912	40%

Annual End-Use Cost [\$ /yr]	Reference	Rated Home	Savings	% Saved
Heating	\$1,013	\$439	\$574	56.7%
Cooling	\$92	\$64	\$28	30.3%
Water Heating	\$262	\$96	\$166	63.3%
Lights & Appliances	\$795	\$651	\$144	18.1%
Onsite Generation	-\$0	-\$0	\$0	0%
Service Charges	\$115	\$115	\$0	0%
Total	\$2,278	\$1,366	\$912	40%

Annual End-Use Consumption	Reference	Rated Home	Savings	% Saved
Heating [Electric kWh]	8,408.0	3,643.5	4,764.4	56.7%
Cooling [Electric kWh]	766.1	530.3	235.7	30.8%
Hot Water [Electric kWh]	2,176.8	797.5	1,379.3	63.4%
Lights & Appliances [Electric kWh]	6,599.8	5,405.0	1,194.8	18.1%
Total [Electric kWh]	17,950.6	10,376.4	7,574.2	42.2%
Total Onsite Generation kWh	0.0	0.0	0.0	0%

Peak Electric Consumption	Reference	Rated Home	Savings	% Saved
Peak Winter kW	5.34	2.27	3.06	57.4%
Peak Summer kW	1.77	1.28	0.50	28%

Utility Rates

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