

# Home Energy Rating Certificate

Projected Report  
Based on Plans

Rating Date:  
Registry ID:  
Ekotrope ID: jL9EwqxL

## 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](http://www.hersindex.com)

## Annual Savings

# \$1,766

\*Relative to an average U.S. home

## Home:

26 Newbury Ct  
North Haven, CT 06473

## Builder:

RAL Developers

## Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	14.1	\$498
Cooling	0.6	\$21
Hot Water	2.7	\$97
Lights/Appliances	18.2	\$644
Service Charges		\$115
Generation (e.g. Solar)	0.0	\$0
<b>Total:</b>	<b>35.7</b>	<b>\$1,376</b>

This home meets or exceeds the criteria of the following:

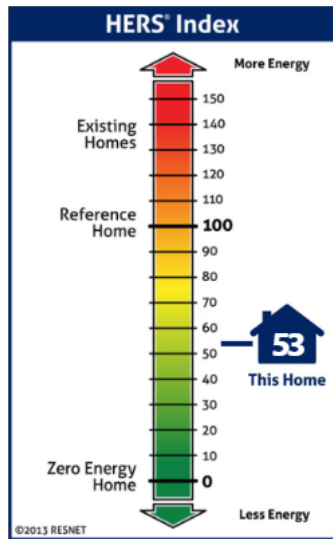
## Rating Completed by:

**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 5:53 PM



## Home Feature Summary:

Home Type:	Duplex, single unit
Model:	Wallace
Community:	Pierpont Hill
Conditioned Floor Area:	1,880 ft <sup>2</sup>
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



# Connecticut Rebate Program Fuel Summary Comparison

**Property**  
26 Newbury Ct  
North Haven, CT 06473  
Model: Wallace  
Community: Pierpont Hill

**Organization**  
Independent Insulation  
TJ McLearn  
2038158593

**Inspection Status**  
Results are projected

Wallace Home @ Pierpont Hill - All  
Electric Projection  
Wallace

**Builder**  
RAL Developers

Annual Energy Cost [\$ /yr]	Reference	Rated Home	Savings	% Saved
Electric	\$2,046	\$1,307	\$739	36.1%

Annual End-Use Cost [\$ /yr]	Reference	Rated Home	Savings	% Saved
Heating	\$804	\$399	\$405	50.4%
Cooling	\$82	\$56	\$26	31.5%
Water Heating	\$266	\$96	\$170	64%
Lights & Appliances	\$779	\$639	\$140	18%
Onsite Generation	-\$0	-\$0	\$0	0%
Service Charges	\$115	\$115	\$0	0%
Total	\$2,046	\$1,307	\$739	36.1%

Annual End-Use Consumption	Reference	Rated Home	Savings	% Saved
Heating [Electric kWh]	6,673.1	3,313.9	3,359.2	50.3%
Cooling [Electric kWh]	684.3	465.8	218.5	31.9%
Hot Water [Electric kWh]	2,203.6	800.5	1,403.2	63.7%
Lights & Appliances [Electric kWh]	6,463.8	5,306.9	1,156.9	17.9%
Total [Electric kWh]	16,024.8	9,887.0	6,137.8	38.3%
Total Onsite Generation kWh	0.0	0.0	0.0	0%

Peak Electric Consumption	Reference	Rated Home	Savings	% Saved
Peak Winter kW	4.32	2.06	2.27	52.4%
Peak Summer kW	1.71	1.24	0.48	27.8%

## Utility Rates

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