

Home Energy Rating Certificate

119 Bishop Street
119 Bishop Street
New Haven , CT 06511



5 Stars Plus
Confirmed

HERS Index: -6

Efficient Home Comparison: 106% Better

General Information

Conditioned Area	2024 sq. ft.	House Type	Single-family detached
Conditioned Volume	26998 cubic ft.	Foundation	More than one type
Bedrooms	3		

Mechanical Systems Features

Cooling:	Air-source heat pump, Electric, 19.7 SEER.
Cooling:	Air-source heat pump, Electric, 20.0 SEER.
Heating:	Air-source heat pump, Electric, 11.3 HSPF.
Duct Leakage to Outside	0.00 CFM25.
Ventilation System	Balanced: ERV, 60 cfm, 30.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	NA	Slab	R-17.0 Edge, R-0.0 Under
Sealed Attic	NA	Exposed Floor	NA
Vaulted Ceiling	R-45.0	Window Type	U-Value: 0.280, SHGC: 0.270
Above Grade Walls	R-51.0	Infiltration Rate	Htg: 430 Clg: 430 CFM50
Foundation Walls	R-10.0	Method	Blower door test

Lights and Appliance Features

Percent Interior Lighting	100.00	Range/Oven Fuel	Natural gas
Percent Exterior Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	535.00	Clothes Dryer EF	2.94
Dishwasher Energy Factor	0.92	Ceiling Fan (cfm/Watt)	0.00

Registry ID	134951265
Rating Number	
Certified Energy Rater	Karla Donnelly
Rating Date	4/16/2015
Rating Ordered For	David Dickson

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	10.3	\$543	-188%
Cooling	2.6	\$136	-47%
Hot Water	13.2	\$259	-90%
Lights/Appliances	21.5	\$1032	-358%
Photovoltaics	-42.8	\$-2259	783%
Service Charges		\$0	-0%
Total	4.7	\$-288	100%

Criteria

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

EPA ENERGY STAR Version 2 Home

EPA ENERGY STAR Version 3 Home

EPA ENERGY STAR Version 3.1 Home

2009 International Energy Conservation Code

2012 International Energy Conservation Code

Steven Winter Design
61 Washington Street
Norwalk, CT 06854
203.857.0200

REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

This information does not constitute any warranty of energy cost or savings. © 1985-2014 Architectural Energy Corporation, Boulder, Colorado.
The Home Energy Rating Standard Disclosure for this home is available from the rating provider.