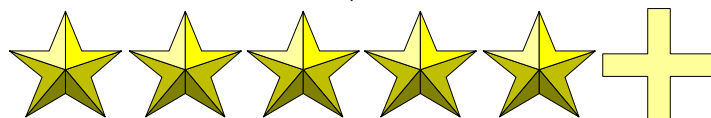


Home Energy Rating Certificate

North Street Residence
59 North Street
Watertown, CT 06795



5 Stars Plus
Confirmed

HERS Index: -14

Efficient Home Comparison: 114% Better

General Information

Conditioned Area	3891 sq. ft.	House Type	Single-family detached
Conditioned Volume	32960 cubic ft.	Foundation	Conditioned basement
Bedrooms	4		

Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 9.3 HSPF. Clg: 16.5 SEER, w/DSH.
Water Heating:	Heat pump, Electric, 2.73 EF, 80.0 Gal.
Duct Leakage to Outside	0.00 CFM25.
Ventilation System	Balanced: HRV, 112 cfm, 32.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	R-86.0	Slab	R-20.0 Edge, R-28.0 Under
Sealed Attic	NA	Exposed Floor	NA
Vaulted Ceiling	NA	Window Type	U-Value: 0.175, SHGC: 0.580
Above Grade Walls	R-54.9	Infiltration Rate	Htg: 244 Clg: 244 CFM50
Foundation Walls	R-32.5	Method	Blower door test

Lights and Appliance Features

Percent Interior Lighting	100.00	Range/Oven Fuel	Electric
Percent Exterior Lighting	100.00	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	573.00	Clothes Dryer EF	3.01
Dishwasher Energy Factor	0.83	Ceiling Fan (cfm/Watt)	156.00

Registry ID	789110374
Rating Number	
Certified Energy Rater	Karla Donnelly
Rating Date	4/10/2015
Rating Ordered For	The Taft School

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	5.9	\$345	-34%
Cooling	4.8	\$279	-27%
Hot Water	3.5	\$204	-20%
Lights/Appliances	27.1	\$1587	-156%
Photovoltaics	-58.6	\$-3432	338%
Service Charges		\$0	-0%
Total	-17.3	\$-1017	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

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The Home Energy Rating Standard Disclosure for this home is available from the rating provider.