

Home Energy Rating Certificate

23 Brown House Road
Old Greenwich, CT 06870



**5 Stars Plus
Confirmed**

Uniform Energy Rating System

Energy Efficient

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

HERS Index: 20

General Information

Conditioned Area: 3671 sq. ft. HouseType: Single-family detached
Conditioned Volume: 37373 cubic ft. Foundation: Conditioned basement
Bedrooms: 5

Mechanical Systems Features

Heating: Fuel-fired air distribution, Natural gas, 96.0 AFUE.
Cooling: Air conditioner, Electric, 16.5 SEER.
Water Heating: Integrated, Natural gas, 0.88 EF, 70.0 Gal.
Duct Leakage to Outside: 0.00 CFM.
Ventilation System: Balanced: ERV, 102 cfm, 78.5 watts.
Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: NA Exposed Floor: R-44
Vaulted Ceiling: R-42, R-50 Window Type: U:0.28, SHGC:0.27
Above Grade Walls: R-29, R-21 Infiltration:
Foundation Walls: R-23.8 Rate: Htg: 630 Clg: 630 CFM50
Slab: R-13.8 Edge, R-13.8 Under Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 99.10 Range/Oven Fuel: Natural gas
Percent Garage Lighting: 100.00 Clothes Dryer Fuel: Electric
Refrigerator (kWh/yr): 460.00 Clothes Dryer EF: 3.01
Dishwasher Energy Factor: 0.92 Ceiling Fan (cfm/Watt): 0.00

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

REM/Rate - Residential Energy Analysis and Rating Software v13.0

This information does not constitute any warranty of energy cost or savings.
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Registry ID: 892065799

Rating Number: 2011SWD0057

Certified Energy Rater: Karla Donnelly

Rating Date: 10/26/2012

Rating Ordered For: Peter Fusaro

Estimated Annual Energy Cost

Use	Confirmed		
	MMBtu	Cost	Percent
Heating	37.3	\$591	65%
Cooling	2.9	\$153	17%
Hot Water	17.9	\$269	30%
Lights/Appliances	29.1	\$1399	155%
Photovoltaics	-28.6	\$-1509	-167%
Service Charges		\$0	0%
Total		\$904	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

EPA ENERGY STAR Version 2.5 Home
EPA ENERGY STAR Version 3 Home
2009 International Energy Conservation Code

**Steven Winter Design, a Division of
Steven Winter Associates, Inc.**

61 Washington Street
Norwalk, CT 06854
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Certified Energy Rater



CERTIFIED NEW HOME

ENERGY STAR

Address:

23 Brown House Road
Old Greenwich, CT

Built by:

Preferred Builders, Inc.

Verified by:

Steven Winter Design, Inc.

Date:

10/26/2012

ENERGY STAR® for Homes Version Number:

Version 3.0

Optional information:

HERS Index: 20

This home has been independently verified to meet EPA's strict
guidelines for energy efficiency.

Learn more at energystar.gov



Built by:

Preferred Builders, Inc.

Verified by:

Karla Donnelly

Date:

October 26, 2012

New homes that are Indoor airPLUS qualified meet U.S. Environmental
Protection Agency guidelines for improved indoor air quality.

www.epa.gov/indoorairplus