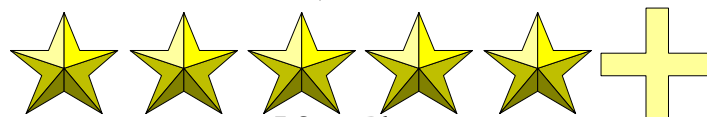


Home Energy Rating Certificate

T8 TREE Ithaca
336 Rachel Carson Trail
Ithaca, NY 14850



5 Stars Plus
Confirmed

NY HERS Score: 97.0 / HERS Index: 15
Efficient Home Comparison: 85% Better

General Information

Conditioned Area	1664 sq. ft.	House Type	Single-family detached
Conditioned Volume	14144 cubic ft.	Foundation	Slab
Bedrooms	3		

Mechanical Systems Features

Heating:	Electric baseboard or radiant, Electric, 100.0 % EFF.
Water Heating:	Conventional, Electric, 0.94 EF, 80.0 Gal.
Duct Leakage to Outside	NA
Ventilation System	Balanced: ERV, 52 cfm, 38.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	R-90.0	Slab	R-19.5 Edge, R-36.0 Under
Sealed Attic	N/A	Exposed Floor	None
Vaulted Ceiling	N/A	Window Type	U:0.17, SHGC:0.62
Above Grade Walls	R-52.0	Infiltration Rate	Htg: 98 Clg: 98 CFM50
Foundation Walls	N/A	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)	392.00	Clothes Dryer EF	3.01
Dishwasher Energy Factor	0.74	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 v14.3

This information does not constitute any warranty of energy cost or savings.

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Registry ID	337660141
Rating Number	2013SWD0101
Certified Energy Rater	Karla Donnelly
Rating Date	10/15/2013
Rating Ordered For	TREE Joint Venture

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	7.2	\$379	76%
Cooling	0	\$0	0%
Hot Water	2.6	\$135	27%
Lights/Appliances	18.0	\$950	190%
Photovoltaics	-18.3	-\$965	-193%
Service Charges		\$0	0%
Total	11.7	\$499	100%

Criteria

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

EPA ENERGY STAR Version 3 Home

2009 International Energy Conservation Code

ECCC New York State 2010

Steven Winter Design
61 Washington Street
Norwalk, CT 06854
203.857.0200