

Home Energy Rating Certificate

Property
Max Management LLC
Lot 1 Cricket Lane
Newbury, MA 01922

HERS
Rating Type: Projected Rating
Rating Date: 2024-07-24
Registry ID:

Certified Energy Rater: Mark D. Horgan
Rating Number: Max Mgmt. 7.24.24

Projected Rating: Based on Plans - Field Confirmation Required.

HERS Index: 14

General Information

Conditioned Area	2989 sq. ft.	House Type	Single-family detached
Conditioned Volume	36394 cubic ft.	Foundation	Unconditioned basement
Bedrooms	4		

Mechanical Systems Features

Water Heating:	Heat pump, Electric, 3.99 EF, 50.0 Gal.
Air-source heat pump:	Electric, Htg: 10.0 HSPF. Clg: 19.0 SEER.
Air-source heat pump:	Electric, Htg: 12.0 HSPF. Clg: 23.0 SEER.
Duct Leakage to Outside	NA
Ventilation System	Balanced: HRV, 100 cfm, 60.0 watts.
Programmable Thermostat	Heat=Yes; Cool=Yes

Building Shell Features

Ceiling Flat	NA	Slab	None
Sealed Attic	NA	Exposed Floor	R-30.0
Vaulted Ceiling	R-49.0	Window Type	U-Value: 0.280, SHGC: 0.260
Above Grade Walls	R-29.0	Infiltration Rate	3.00 ACH50
Foundation Walls	R-0.0	Method	Blower door

Lights and Appliance Features

Interior Fluor Lighting (%)	0.0	Range/Oven Fuel	Electric
Interior LED Lighting (%)	100.0	Clothes Dryer Fuel	Electric
Refrigerator (kWh/yr)	709	Clothes Dryer CEF	3.73
Dishwasher (kWh/yr)	270	Ceiling Fan (cfm/Watt)	0.00

Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	19.5	\$1470	111%
Cooling	0.5	\$37	3%
Hot Water	4.7	\$352	26%
Lights/Appliances	23.4	\$1769	133%
Photovoltaics	-32.0	-\$2419	-182%
Service Charges		\$120	9%
Total	16.1	\$1329	100%

Criteria

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

Massachusetts Stretch Energy Code*
*Compliance is determined by the HERS rater

Mark Horgan, RTIN 5543470

Associated Energy LLC

PO Box 1346

Leominster, MA 01453

978-534-8310

Fax #

Certified Energy Rater: *Mark D Horgan*

REM/Rate - Residential Energy Analysis and Rating Software v16.3.4

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



BOSTON SOLAR

System Size and Production

System Specs

PV Module	(20) Hanwha Q.Peak 400 T	Annual Consumption (kWh)	10,000
System Size (kW)	8.00	1st Yr Production (kWh)	9,766

Solar Offset

Your Solar System will cover 97.7% of your electricity usage

