

# Home Energy Rating Certificate

## Property

Massey Residence  
2122 Chinook Ridge Ln  
Oak Harbor, WA 98277

## HERS

Rating Type: Confirmed  
Rating Date: 2/17/22  
Registry ID: 383925624

Certified Energy Rater: Elizabeth Coe

Rating Number:

**HERS Index: -18**

## General Information

Conditioned Area	2224 sq. ft.	House Type	Single-family detached
Conditioned Volume	27732 cubic ft.	Foundation	Unconditioned basement
Bedrooms	3		

## Mechanical Systems Features

Water Heating:	Ground source heat pump, Electric, 3.00 EF, 48.0 Gal.
Ground-source heat pump:	Electric, Htg: 3.0 COP. Clg: 17.5 EER.
Duct Leakage to Outside	NA
Ventilation System	Balanced: 99 cfm, 13.0 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-46.0	Window Type	U-Value: 0.170, SHGC: 0.340
Above Grade Walls	R-28.0	Infiltration Rate	Htg: 0.72 Clg: 0.72 ACH50
Foundation Walls	R-16.0	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)	568	Clothes Dryer CEF	3.93
Dishwasher (kWh/yr)	269	Ceiling Fan (cfm/Watt)	0.00

## Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	10.1	\$251	-99%
Cooling	0	\$0	0%
Hot Water	2.6	\$64	-25%
Lights/Appliances	16.3	\$405	-160%
Photovoltaics	-42.6	\$-1058	417%
Service Charges		\$84	-33%
<b>Total</b>	<b>-13.6</b>	<b>\$-254</b>	<b>100%</b>

## Criteria

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

TITLE

Company

Address

City, State, Zip

Phone #

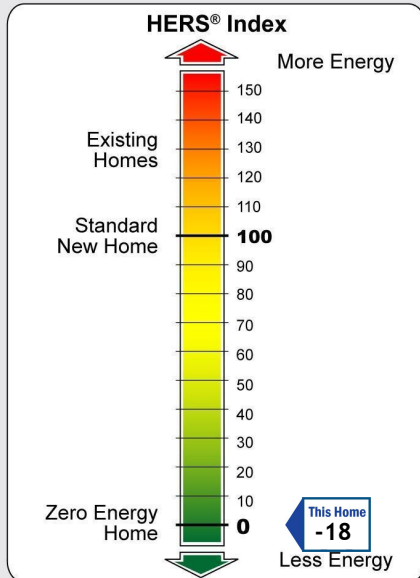
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**REM/Rate - Residential Energy Analysis and Rating Software v16.0**

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

## RESNET HERS Index Certificate



2122 Chinook Ridge Ln  
Oak Harbor, WA 98277  
Rater: Elizabeth Coe  
Registry ID: 383925624  
Annual Estimates\*:

C02 emissions(Tons): -1  
Energy Savings (\$) \*\*: 2559  
\*Based on standard operating conditions  
\*\*Based on U.S. DOE designation of a HERS  
Index of 130 as the 'Typical Existing Home'

TITLE  
Company  
Address  
City, State, Zip  
Phone #

This home has been inspected  
and performance tested in  
accordance with Chapter 3 of  
the RESNET standards.

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