

# Home Energy Rating Certificate

## Property

1023 Meares Street  
Calabash, NC 28467

## HERS

Rating Type: Confirmed  
Rating Date: 2023-08-25  
Registry ID: 034334534

Certified Energy Rater: Mark R Singleton  
Rating Number: CC- MS- 001

HERS Index: 67

Efficient Home Comparison: 33% Better

## General Information

Conditioned Area	1508 sq. ft.	House Type	Single-family detached
Conditioned Volume	14456 cubic ft.	Foundation	Slab
Bedrooms	3		

## Mechanical Systems Features

Air-source heat pump:	Electric, Htg: 7.8 HSPF. Clg: 14.5 SEER.
Water Heating:	Conventional, Electric, 0.92 EF, 50.0 Gal.
Duct Leakage to Outside	153.00 CFM25
Ventilation System	None
Programmable Thermostat	Heat=Yes; Cool=Yes

## Building Shell Features

Ceiling Flat	R-38.0 w/RB I	Slab	R-0.0 Edge, R-0.0 Under
Sealed Attic	NA	Exposed Floor	NA
Vaulted Ceiling	NA	Window Type	U-Value: 0.330, SHGC: 0.210
Above Grade Walls	R-15.0	Infiltration Rate	925 CFM50 (3.84 ACH50)
Foundation Walls	NA	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)	691	Clothes Dryer CEF	3.73
Dishwasher (kWh/yr)	467	Ceiling Fan (cfm/Watt)	0.00

## Estimated Annual Energy Cost

Use	MMBtu	Cost	Percent
Heating	5.4	\$127	15%
Cooling	6.1	\$144	17%
Hot Water	7.2	\$169	20%
Lights/Appliances	15.1	\$355	42%
Photovoltaics	0.0	\$0	0%
Service Charges		\$60	7%
<b>Total</b>	<b>33.9</b>	<b>\$855</b>	<b>100%</b>

## Criteria

This home meets or exceeds the minimum criteria for the following:  
2006 International Energy Conservation Code  
2009 International Energy Conservation Code

Mark R Singleton  
Singleton Insulation Inc.  
6940 Ford Taylor Road  
Conway, SC 29527  
843.397.2027  
Fax #

Certified Energy Rater:

**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.