

Home Energy Rating Certificate



Rating Details

Address	1410 Duplin Road Raleigh, NC 27607
House Type	SingleFamilyHouse
Cond. Area	3,722 sq ft
Rating ID	75269
Issue Date	5/21/2024
Certification	Verified
Builder	McLawhorn Construction Solutions

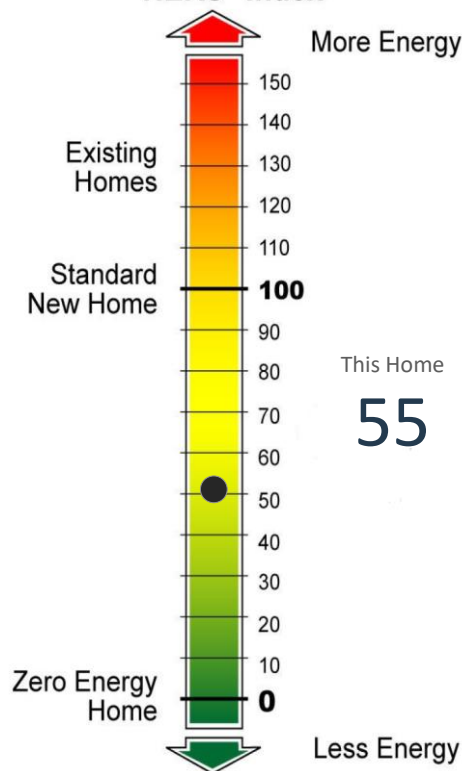
Rating Company

Southern Energy Management

5908 Triangle Drive
Raleigh, NC 27617
southern-energy.com

Certified Rater	Sara Collier
Rater ID	5155653
Registry ID	51888391
Rating Date	6/8/2021

HERS® Index



Annual Estimates*

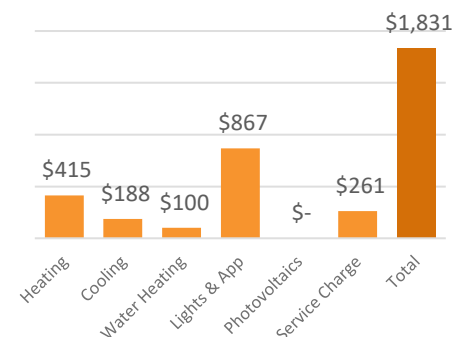
Electric (kWh)	9,558
Natural gas (Therms)	610
Propane (Gallons)	-
CO2 emissions(Tons)	9.5
Annual Savings*	\$1,823

*Based on a HERS 130 Index Home

HERS Score

55

Estimate Annual Energy Usage



Solar Potential Analysis

Recommended System Size **7.3 kW**

Based on your projected energy usage and roof size

Approx. Annual Savings **\$1,120**

Dependent on roof orientation, pitch, and shading



95%
of electricity usage
offset by solar



\$13,800
increase in your
home's value

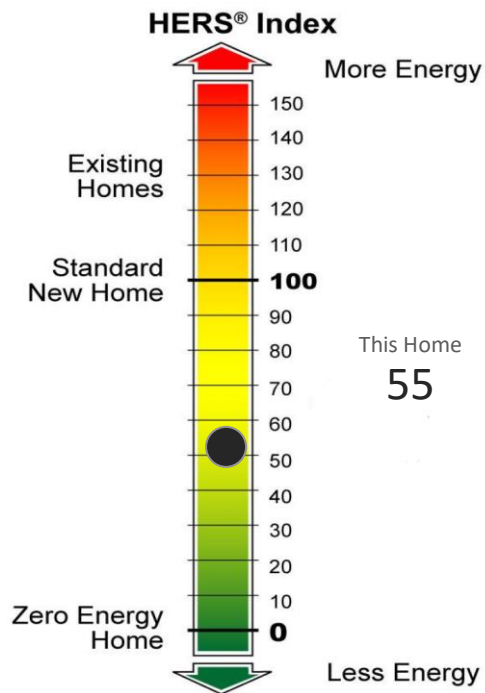


4,480
Trees Planted
Equivalent Environmental
Impact

Request a Free Estimate

southern-energy.com/HERS-Solar

RESNET HERS Index Certificate



1410 Duplin Road
Raleigh, NC 27607
Rater: Sara Collier
Registry ID: 51888391

Annual Estimates*:

Elec(kWh): 9,558 Gas(Therms): 610
CO2 emissions(Tons): 10
Energy Savings (\$)** 1,823

*Based on standard operating conditions

**Based on U.S. DOE designation of a HERS Index of 130 as the 'Typical Existing Home'



SOUTHERN ENERGY MANAGEMENT

5908 Triangle Drive
Raleigh, NC 27617
919.836.0330



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

RESNET Home Energy Rating

For home located at: 1410 Duplin Road

City: Raleigh State: NC

1.

☒

The Rater or Rater's employer is receiving a fee for providing the rating on this home.
2.

☐

In addition to the rating, the Rater or Rater's employer has also provided the following consulting services for this home.

☐

A. Mechanical system design

☐

B. Moisture control or indoor air quality consulting

☐

C. Performance testing and/or commissioning other than required for the rating itself

☐

D. Training for sales or construction personnel

☐

E. Other (specify below)

3.

☐

The Rater or Rater's employer is:

☐

A. The seller of this home or their agent

☐

B. The mortgagor for some portion of the financial payments on this home

☐

C. An employee, contractor or consultant of the electric and/or natural gas utility serving this home

4.

☒

The Rater or Rater's employer is a supplier or installer of products, which may include:

HVAC Systems

Thermal Insulation Systems

Air sealing of envelope or duct systems

Windows or window shading systems

Energy efficient appliances

Construction (builder, developer, construction contractor, etc.)

Other (specify below):

Installed in this home by:

☐

Rater

☐

Employer

☐

Rater

☐

Employer

☐

Rater

☐

Employer

☐

Rater

☐

Employer
- ☐
- Rater
- ☐
- Employer

☐☐☐☐

OR is in the business of:

☐

Rater

☐

Employer☐☐☐☐☐☐☐☐☐☒

Renewable Energy and Energy Management Systems; Punchlist Services

I attest that the above information is true and correct to the best of my knowledge. As a Rater or Rating Provider I abide by the rating quality control provisions of the Mortgage Industry National Home Energy Rating Standard as set forth by the Residential Energy Services Network (RESNET). The national rating quality control provisions of the rating standard are contained in Chapter One 4.C.8. of the standard and are posted at

Sara Collier
Rater's Printed Name

Sara Collier
Rater's Signature

51888391
Certification #

May 21, 2024
Date

RESNET Form 0300-2

HOW TO READ THE HERS® INDEX

With home energy costs continuing to increase, it only makes sense to find out how energy efficient the home you're buying really is. The U.S. Department of Energy estimates that houses built in line with today's energy code use 30-40% less energy than older homes; however by evaluating your home's HERS index, you can better assess the efficiency of the home you're buying.

A Home Energy Rating involves an analysis of a home's efficiency through a comprehensive plan review and several on-site inspections during the construction of your home. Upon completion of the home's plan review, an independent third party Home Energy Rater will work with the builder to identify energy efficiency improvements. The Rater then conducts on-site inspections which include a blower door test (to test whole-house air infiltration) and a duct test (to test for unwanted air leakage in the duct system). The results of these tests, along with inputs derived from the comprehensive plan review, are used to generate the HERS Index for the home.

The home energy rating is a widely recognized tool in the mortgage industry. Home energy ratings can also be used in a variety of ways in the housing industry. Since a rating quantifies the energy performance of a home, the HERS Index provides a means to compare the relative energy efficiency of different homes.

A new home built to the 2006 IECC would score a 100. One point in either direction indicates the home is either 1% more or less efficient than the 2006 IECC reference design home. Please reference your HERS certificate for more information regarding your home's individually rated HERS Index. For more information on the Home Energy Rating System, please visit: www.resnet.us

