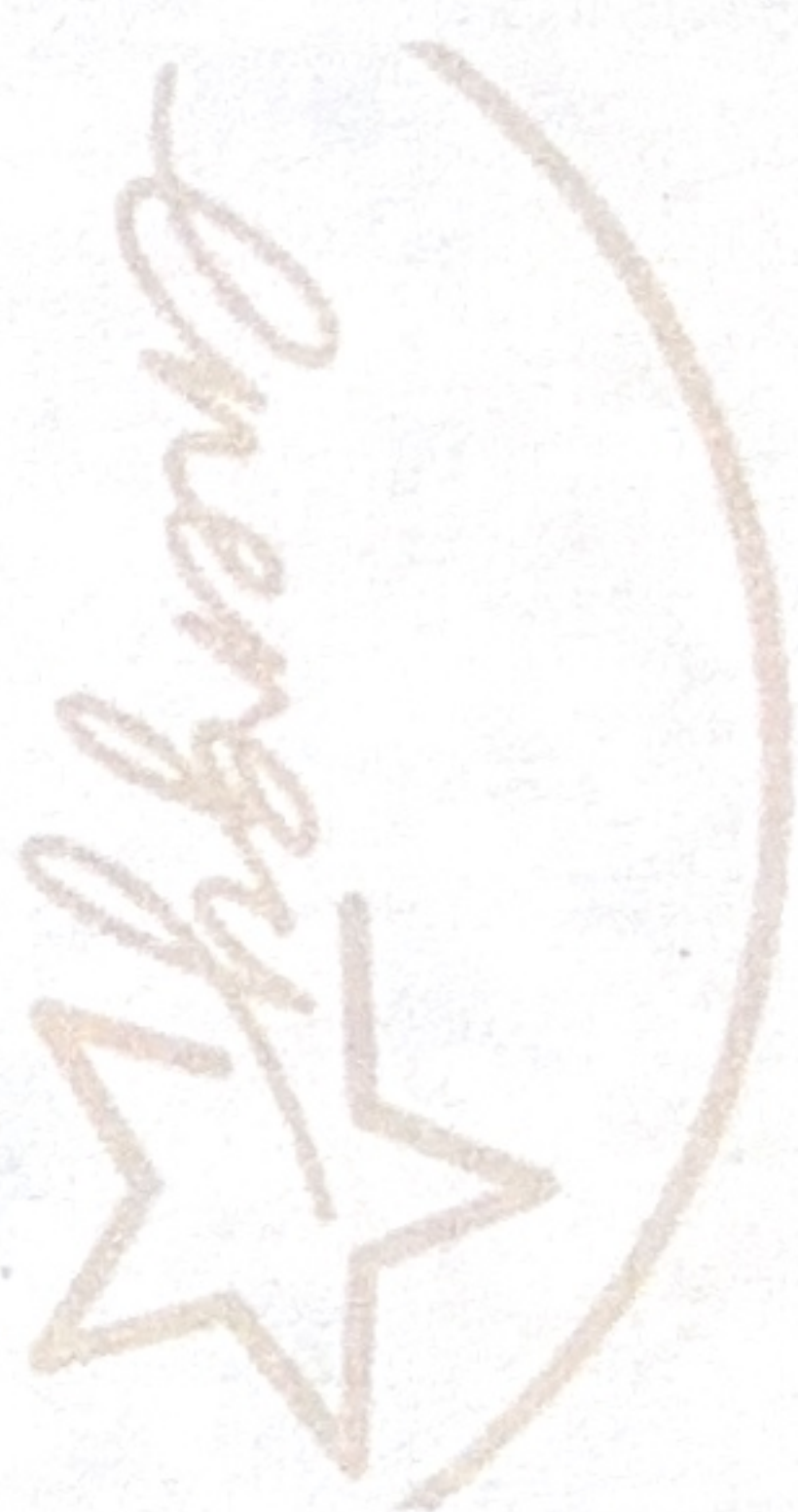




ENERGY STAR

An ENERGY STAR[®] Qualified Home

This certifies that the home built at

1225 Reservoir View Lane, Wake Forest, NC 27587

by Homes by Dickerson

and verified by Southern Energy Management

meets ENERGY STAR guidelines for energy efficiency as established by the U.S. Environmental Protection Agency.

ENERGY STAR qualified homes protect the environment by using less energy.

HERS Index: 51

Sam Rashkin
Director

ENERGY STAR for New Homes

December 23, 2014

www.energystar.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF AIR AND RADIATION

December 23, 2014

1225 Reservoir View Lane
Wake Forest, NC 27587

Built by: Homes by Dickerson
Home Energy Inspection by: Southern Energy Management

Dear New ENERGY STAR Homeowner,

Congratulations on your new home!

Your home has been qualified to meet the U.S. Environmental Protection Agency's strict ENERGY STAR guidelines, which means your home is significantly more energy efficient than houses that are built to standard code. By purchasing an ENERGY STAR qualified home, you now own a home that performs better for both you and the environment. This is because they typically include energy efficient features like airtight construction and duct work, effective insulation, high-efficiency heating and cooling equipment, and high performance windows. As a result, you can expect your new home to be more comfortable, with fewer drafts, more consistent temperature levels, and better indoor air quality.

On top of all this, you can look forward to saving money each month with lower utility bills. In fact, lower utility costs are built into every ENERGY STAR qualified home. These homes use substantially less energy for heating, cooling, and water heating than minimum code homes. As a result, you can expect to save approximately \$200-400 each year on your energy bills. In addition, the quality features and performance advantages associated with an energy efficient home provide the opportunity for higher resale value.

Buying an ENERGY STAR qualified home also means that you're helping to protect the environment. You can be proud that your new home reduces air pollution and the effects of global climate change, while saving our nation's natural resources for future generations.

Now that you're the owner of an ENERGY STAR qualified home, keep an eye out for ENERGY STAR lighting, appliances, and electronics. These products can provide you with additional benefits and do more to protect the environment. On average, these products use 20 percent less energy than comparable items in the marketplace. Just look for the label! For more information visit ENERGY STAR online at www.energystar.gov.

Again - congratulations on your new ENERGY STAR qualified home!

Sincerely,

A handwritten signature in black ink, reading "Sam Rashkin".

Sam Rashkin
Director
ENERGY STAR for New Homes



ENERGY STAR

ENERGY STAR[®] CERTIFIED NEW HOME

Builder Name: Homes by Dickerson
Permit Date/Number:
Home Address: 1225 Reservoir View Lane
Wake Forest, NC 27587

Rating Company: Southern Energy Management
Rater Identification Number: 8474111
Rating Date: 10-10-2014
Version: 3.0

Standard Features of an ENERGY STAR Certified New Home

Your ENERGY STAR certified new home has been designed, constructed, and independently verified to meet rigorous requirements for energy efficiency set by the U.S. Environmental Protection Agency (EPA), including:

Thermal Enclosure System

A complete thermal enclosure system that includes comprehensive air sealing, quality-installed insulation and high-performing windows to deliver improved comfort and lower utility bills.



Air Infiltration Test: Htg: 2130 Clg: 2130 CFM50

Primary Insulation Levels:

Ceiling: R-30.0 w/RE FndWall: R-11.1

AGWall: R-19.0 Floor: R-0.0

Primary Window Efficiency:

U-Value: 0.320, SHGC: 0.220

Water Management System

A comprehensive water management system to protect roofs, walls, and foundations.



Flashing, a drainage plane, and site grading to move water from the roof to the ground and then away from the home.

Water-resistant materials on below-grade walls and underneath slabs to reduce the potential for water entering into the home.

Management of moisture levels in building materials during construction.

Heating, Cooling, and Ventilation System

A high-efficiency heating, cooling system, and ventilation system that is designed and installed for optimal performance.



Total Duct Leakage:

51.00 CFM @ 25 Pascals

Duct Leakage to Outdoors:

0.00 CFM @ 25 Pascals

Primary Heating (System Type • Fuel Type • Efficiency):

Fuel-fired air distribution, Natural gas, 93.0 AFUE.

Primary Cooling (System Type • Fuel Type • Efficiency):

Air conditioner, Electric, 14.0 SEER.

Energy Efficient Lighting and Appliances

Energy efficient products to help reduce utility bills, while providing high-quality performance.



ENERGY STAR Qualified Lighting: 80%

ENERGY STAR Qualified Appliances and Fans:

Refrigerators: 0

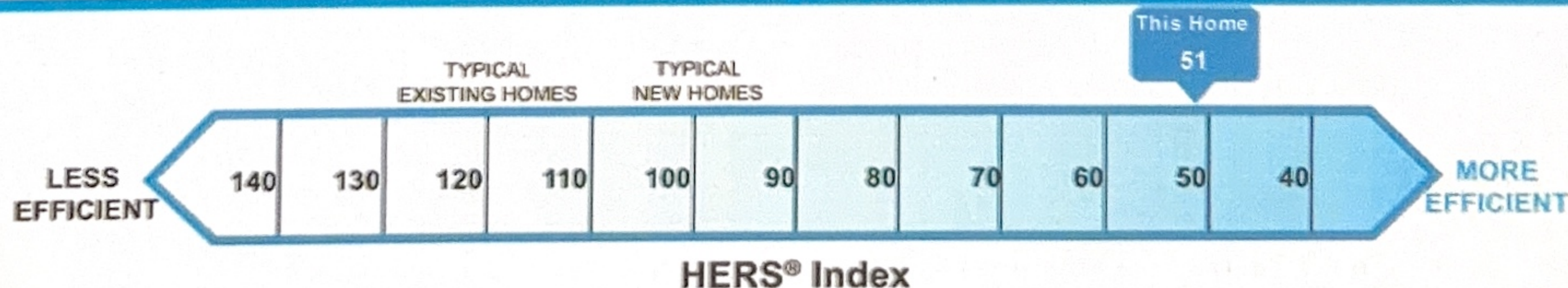
Dishwashers: 1

Ceiling Fans: 0

Exhaust Fans: 0

Primary Water Heater (System Type • Fuel Type • Efficiency):

Instant water heater, Natural gas, 0.82 EF, 0.0 Gal.



The certificate provides a summary of the major energy efficiency and other construction features that contribute to this home earning the ENERGY STAR, including its Home Energy Rating System (HERS) score, as determined through independent inspection and verification performed by a trained professional. The Home Energy Rating System is a nationally-recognized uniform measurement of the energy efficiency of homes.

Note that when a home contains multiple performance levels for a particular feature (e.g., window efficiency or insulation levels), the predominant value is shown. Also, homes may be certified to earn the ENERGY STAR using a sampling protocol, whereby one home is randomly selected from a set of homes for representative inspections and testing. In such cases, the features found in each home within the set are intended to meet or exceed the values presented on this certificate. The actual values for your home may differ, but offer equivalent or better performance.

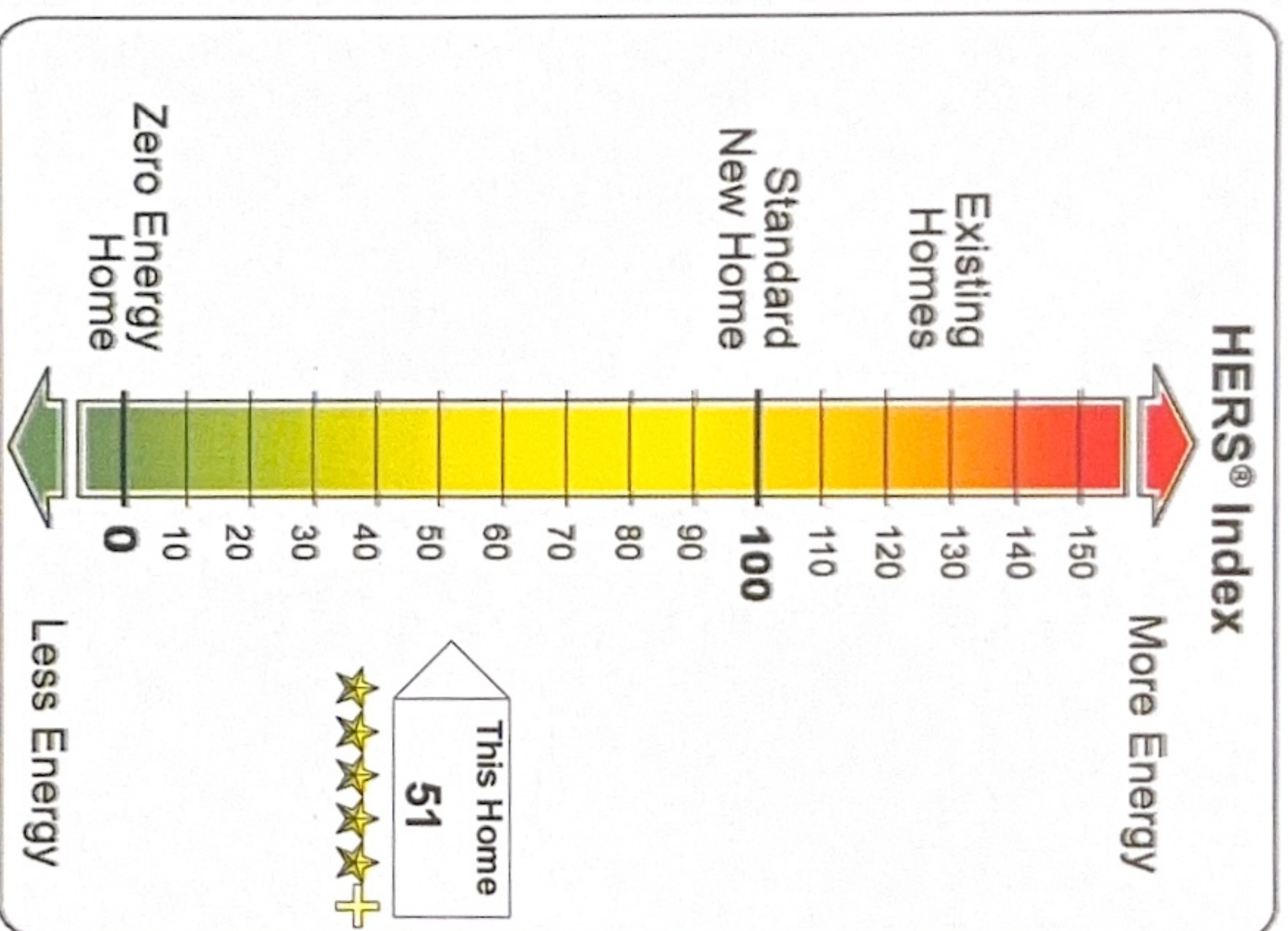
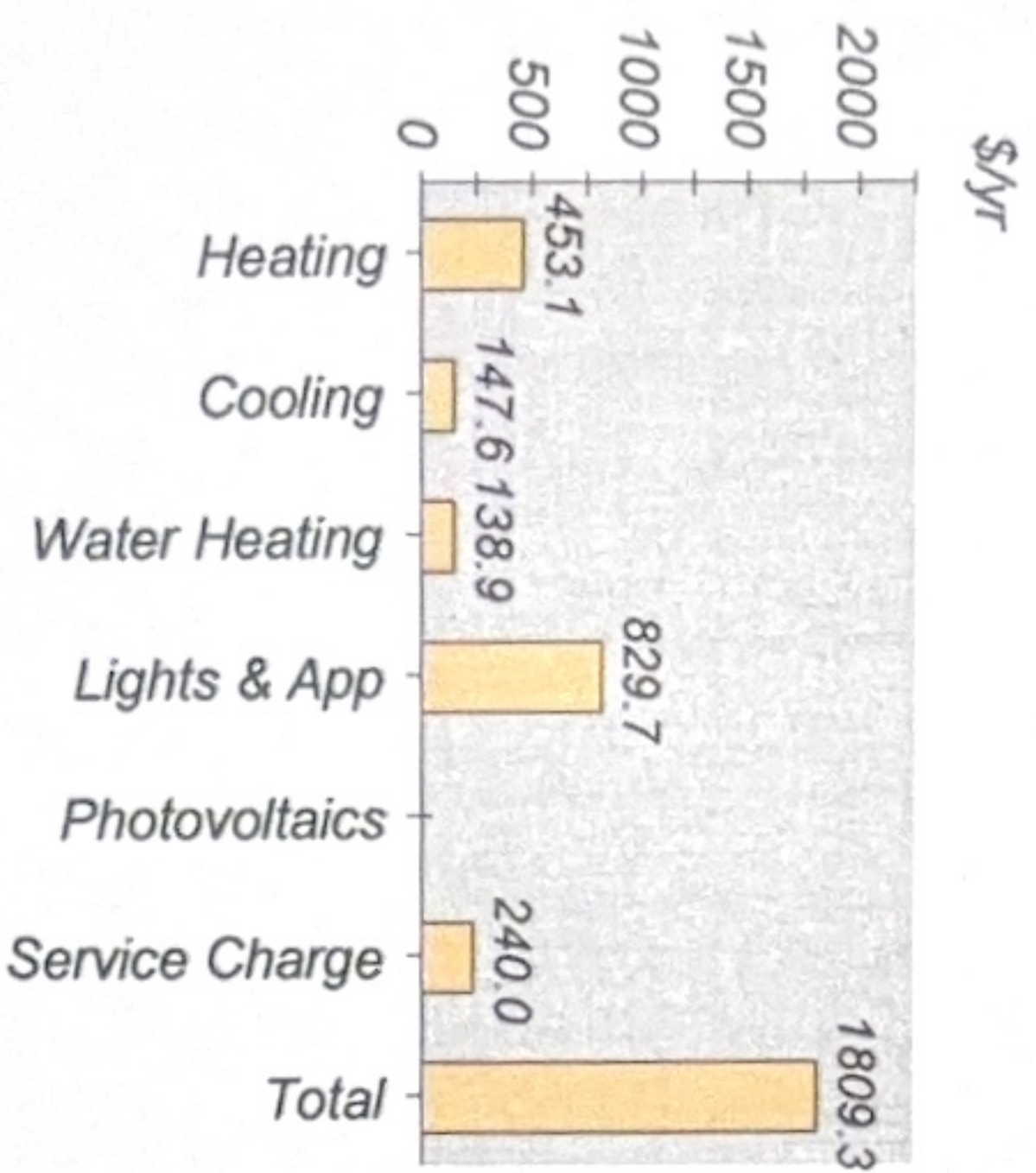
This certificate was printed using REM/Rate - Residential Energy Analysis and Rating Software v14.5. © 1985-2014 Architectural Energy Corporation, Boulder, Colorado.

Learn more at www.energystar.gov/homefeatures

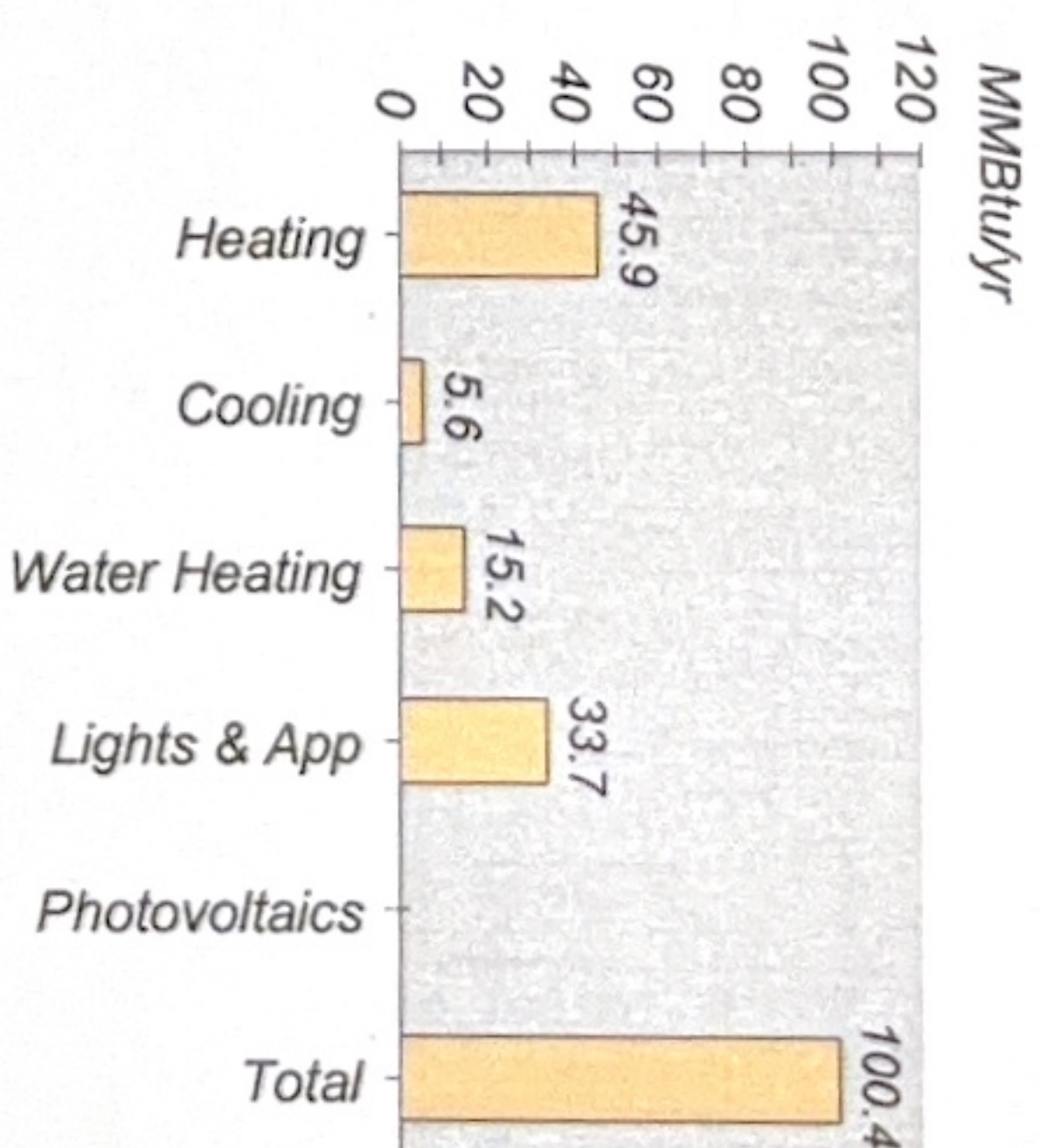
HOME PERFORMANCE WITH ENERGY STAR ENERGY RATING CERTIFICATE



Estimated Annual Energy Cost



Estimated Annual Energy Consumption



Traditions at Heritage, Lot 31
Address: 1225 Reservoir View Lane
Wake Forest, NC 27587
House Type: Single-family detached
Cond. Area: 3984 sq. ft.
Rating No.: 23288
Issue Date: January 23, 2015
Certification: Verified

Annual Estimates*:
Electric(kWh): 10891
Natural gas(Therms): 633
CO2 emissions(Tons): 10
Annual Savings**: \$1831

Southern Energy Management
101 Kitty Hawk Drive
Morrisville, NC 27560
Certified Rater: Gregg Lassiter
Rater ID: 8474111
Registry ID: 357625499
Rating Date: 10-10-2014



REM/Rate - Residential Energy Analysis and Rating Software v14.5

This information does not constitute any warranty of energy cost or savings. © 1985-2014 Architectural Energy Corporation, Boulder, Colorado.
The Home Energy Rating Standard Disclosure for this home is available from the rating provider.