

Home Energy Rating Certificate

SR11

80 Pebble Creek Dr
Franklinton, NC 27525



**5 Stars Plus
Confirmed Rating**

Uniform Energy Rating System

1 Star	1 Star Plus	2 Stars	2 Stars Plus	3 Stars	3 Stars Plus	4 Stars	4 Stars Plus	5 Stars	5 Stars Plus
500-401	400-301	300-251	250-201	200-151	150-101	100-91	90-86	85-71	70 or Less

Energy Efficient

HERS Index:

59

Efficient Home Comparison:

41% Better

General Information

Conditioned Area: 2750 sq. ft. House Type: Single-family detached
Conditioned Volume: 25865 cubic ft. Foundation: Conditioned crawl space
Bedrooms: 4

Mechanical Systems Features

Heating: Fuel-fired air distribution, Natural gas, 95.0 AFUE.
Cooling: Air conditioner, Electric, 14.0 SEER.
Air-source heat pump: Electric, Htg: 8.2 HSPF, Clg: 14.0 SEER.
Duct Leakage to Outside: 56.00 CFM.
Ventilation System: Balanced: ERV, 120 cfm, 100.0 watts.
Programmable Thermostat: Heating: Yes Cooling: Yes

Building Shell Features

Ceiling Flat: R-30w/RB, R-38w/RB Exposed Floor: NA
Vaulted Ceiling: R-38w/RB Window Type: MI-4300 Arg U=0.30*****
Above Grade Walls: R-15 Infiltration:
Foundation Walls: R-11.1 Rate: Htg: 1250 Clg: 1250 CFM50
Slab: None Method: Blower door test

Lights and Appliance Features

Percent Interior Lighting: 75.00 Range/Oven Fuel: Electric
Percent Garage Lighting: 50.00 Clothes Dryer Fuel: Electric
Refrigerator (kWh/yr): 775.00 Clothes Dryer EF: 2.67
Dishwasher Energy Factor: 0.46 Ceiling Fan (cfm/Watt): 80.00

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

REM/Rate - Residential Energy Analysis and Rating Software v13.0

This information does not constitute any warranty of energy cost or savings.
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Registry ID: 542982936

Rating Number: 9340411a2125

Certified Energy Rater: Mike Poupard

Rating Date: 8/7/12

Rating Ordered For: Foxwood Builders

Estimated Annual Energy Cost

Confirmed Rating

Use	MMBtu	Cost	Percent
Heating	23.5	\$294	19%
Cooling	5.2	\$148	9%
Hot Water	13.9	\$120	8%
Lights/Appliances	29.4	\$803	51%
Photovoltaics	-0.0	\$-0	-0%
Service Charges		\$201	13%
Total		\$1565	100%

**This home meets or exceeds the minimum
criteria for all of the following:**

EPA ENERGY STAR Version 2.5 Home

EPA ENERGY STAR Version 3 Home

ASHRAE Standard 90.2 - 1992

2006 International Energy Conservation Code

2009 International Energy Conservation Code

HERS Provider: MABTEC

21750 Red Rum Drive, # 117

Ashburn, Va. 20147

703-797-2051 x 101

703-595-4958

Mike Poupard

Certified Energy Rater

Indoor airPLUS Qualified Home

This home built at
80 Pebble Creek Dr
Franklinton, NC
was verified by

Grayson Homes, LLC

to meet Indoor airPLUS construction
specifications as established
by the
U.S. Environmental Protection Agency.



Indoor airPLUS qualified homes are
designed to contribute to improved
indoor air quality.

August 07, 2012



Indoor airPLUS Features

- Moisture and Mold Control
- Radon Resistant Construction
- Pest Barriers
- Effective Heating, Ventilating, and Air-Conditioning Systems
- Safe Combustion
- Healthier Building Materials

Not all features are required in all cases. To learn more about indoor air quality features in your home, ask your builder to review the Indoor airPLUS verification checklist with you, or visit www.epa.gov/indoorairplus.



An ENERGY STAR® Version 3.0 Qualified Home

This home built at

80 Pebble Creek Dr, Franklinton, NC

by Foxwood Builders

has been verified by Grayson Homes, LLC, an independent professional or organization,
to meet or exceed strict energy efficiency guidelines set by the U.S. Environmental Protection Agency

HERS Score: 59

August 07, 2012

www.energystar.gov

RESNET HOME ENERGY RATING Standard Disclosure

For home located at: 80 Pebble Creek Dr

City: Franklinton

State: NC

1. ☒ The Rater or the 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 financed 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:

	Installed in this home by:		OR	Is in the business of:	
HVAC systems	☐ Rater	☐ Employer		☐ Rater	☐ Employer
Thermal insulation systems	☐ Rater	☐ Employer		☐ Rater	☐ Employer
Air sealing of envelope or duct systems	☐ Rater	☐ Employer		☐ Rater	☐ Employer
Windows or window shading systems	☐ Rater	☐ Employer		☐ Rater	☐ Employer
Energy efficient appliances	☐ Rater	☐ Employer		☐ Rater	☐ Employer
Construction (builder, developer, construction contractor, etc.)	☐ Rater	☐ Employer		☒ Rater	☐ Employer
Other (specify below):	☐ Rater	☐ Employer		☐ Rater	☐ Employer

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 <http://www.natresnet.org/accred/standards.pdf>. This home may have been verified under the provisions of Chapter Six, Section 603, "Technical Requirements for Sampling" of the Standard.

Mike Poupard

Rater's Printed Name

9340411

Certification #


Rater's Signature

August 28, 2012

Date