

Home Energy Rating Certificate

Final Report

Rating Date: 2026-03-11

Registry ID: 586995721

Ekotrope ID: LV6xOW6L

HERS® Index Score:

67

Your home's HERS score is a relative performance score. The lower the number, the more energy efficient the home. To learn more, visit www.hersindex.com

Annual Savings

\$1,723

*Relative to an average U.S. home

Home:

102 Horseman Dr
Louisburg, NC 27549

Builder:

FEP Construction LLC

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	23.8	\$845
Cooling	2.5	\$94
Hot Water	2.3	\$82
Lights/Appliances	19.5	\$706
Service Charges		\$168
Generation (e.g. Solar)	0.0	\$0
Total:	48.1	\$1,894

This home meets or exceeds the criteria of the following:

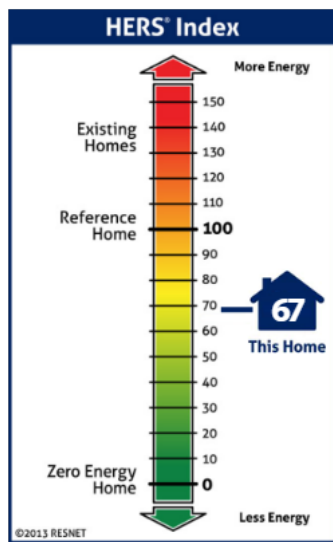
2009 International Energy Conservation Code
2006 International Energy Conservation Code

Rating Completed by:

Energy Rater: Mason Putney
RESNET ID: 3665831

Rating Company: NC Energy Solutions LLC
2621 Blackwolf Run Lane Raleigh, NC 27604
507-766-3411

Rating Provider: Building Efficiency Resources
PO Box 1769 Brevard, NC 28712
800-399-9620



Home Feature Summary:

Home Type:	Single family detached
Model:	102 Horseman Dr Plans
Community:	Lake Royale
Conditioned Floor Area:	2,397 ft ²
Number of Bedrooms:	3
Primary Heating System:	Air Source Heat Pump • Electric • 7.5 HSPF2
Primary Cooling System:	Air Source Heat Pump • Electric • 14.5 SEER2
Primary Water Heating:	Residential Water Heater • Electric • 3.8 UEF
House Tightness:	1273 CFM50 (3.40 ACH50)
Ventilation:	None
Duct Leakage to Outside:	79 CFM @ 25Pa (3.3 / 100 ft ²)
Above Grade Walls:	R-15
Ceiling:	Vented Attic, R-38
Window Type:	U-Value: 0.3, SHGC: 0.22
Foundation Walls:	R-10
Framed Floor:	R-38

Mason Putney, Certified Energy Rater
Digitally signed: 3/26/26 at 5:00 PM

