

Home Energy Rating Certificate

Final Report

Rating Date: 2026-03-11

Registry ID: 659233709

Ekotrope ID: 28MrWDRL

HERS® Index Score:

69

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

\$2,705

*Relative to an average U.S. home

Home:

543 Sagamore Dr
Louisburg, NC 27549

Builder:

FEP Construction LLC

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	55.5	\$2,027
Cooling	4.0	\$149
Hot Water	1.9	\$67
Lights/Appliances	31.7	\$1,156
Service Charges		\$168
Generation (e.g. Solar)	0.0	\$0
Total:	93.2	\$3,568

This home meets or exceeds the criteria of the following:

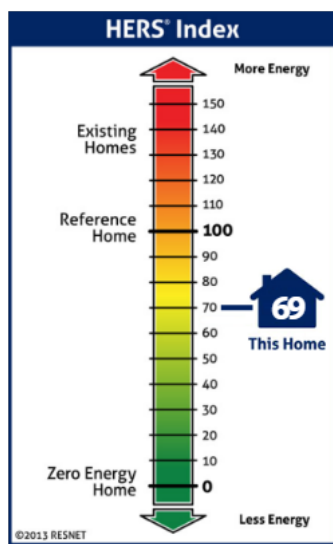
2018 International Energy Conservation Code
2015 International Energy Conservation Code
2009 International Energy Conservation Code
2006 International Energy Conservation Code

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:	543 Sagamore Dr Plans
Community:	Lake Royale
Conditioned Floor Area:	4,781 ft ²
Number of Bedrooms:	4
Primary Heating System:	Furnace • Propane • 92.1 AFUE
Primary Cooling System:	Air Conditioner • Electric • 14.5 SEER2
Primary Water Heating:	Residential Water Heater • Electric • 3.88 UEF
House Tightness:	1926.6 CFM50 (2.46 ACH50)
Ventilation:	None
Duct Leakage to Outside:	114 CFM @ 25Pa (3.79 / 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:	N/A

Mason Putney, Certified Energy Rater
Digitally signed: 4/20/26 at 1:15 PM

