

Home Energy Rating Certificate

Final Report

Rating Date: 2026-02-17

Registry ID: 745721888

Ekotrope ID: dkbj3KbL

HERS® Index Score:

62

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

\$1,842

*Relative to an average U.S. home

Home:

1174 Sagamore Dr
Louisburg, NC 27549

Builder:

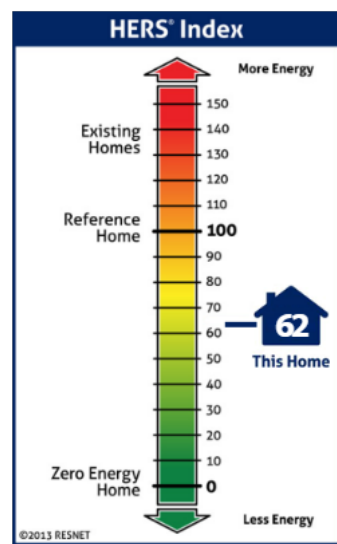
FEP Construction LLC

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	20.6	\$736
Cooling	2.5	\$94
Hot Water	2.2	\$78
Lights/Appliances	19.3	\$700
Service Charges		\$168
Generation (e.g. Solar)	0.0	\$0
Total:	44.6	\$1,776

This home meets or exceeds the criteria of the following:

2009 International Energy Conservation Code
2006 International Energy Conservation Code



Home Feature Summary:

Home Type:	Single family detached
Model:	1174 Sagamore Dr Plans
Community:	Lake Royale
Conditioned Floor Area:	2,397 ft ²
Number of Bedrooms:	3
Primary Heating System:	Air Source Heat Pump • Electric • 7.8 HSPF2
Primary Cooling System:	Air Source Heat Pump • Electric • 15.2 SEER2
Primary Water Heating:	Residential Water Heater • Electric • 3.8 UEF
House Tightness:	1505.2 CFM50 (4.02 ACH50)
Ventilation:	None
Duct Leakage to Outside:	68 CFM @ 25Pa (2.84 / 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

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

Mason Putney, Certified Energy Rater
Digitally signed: 2/27/26 at 4:16 PM

