

Home Energy Rating Certificate

Final Report

Rating Date: 2025-07-03

Registry ID: 518499816

Ekotrope ID: LZgDJnnd

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

\$2,179

*Relative to an average U.S. home

Home:

123 Ottawa Dr
Louisburg, NC 27549

Builder:

FEP Construction LLC

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	22.1	\$752
Cooling	5.1	\$181
Hot Water	2.6	\$88
Lights/Appliances	28.3	\$988
Service Charges		\$168
Generation (e.g. Solar)	0.0	\$0
Total:	58.1	\$2,178

This home meets or exceeds the criteria of the following:

2009 International Energy Conservation Code
2006 International Energy Conservation Code

Rating Completed by:

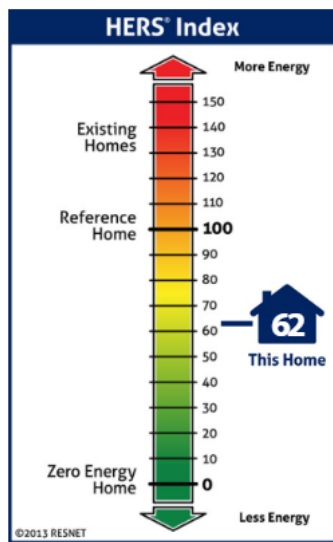
Energy Rater: Mason Putney
RESNET ID: 3665831

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



Mason Putney, Certified Energy Rater
Digitally signed: 7/10/25 at 1:12 PM



Home Feature Summary:

Home Type:	Single family detached
Model:	123 Ottawa Dr
Community:	Lake Royale
Conditioned Floor Area:	3,383 ft ²
Number of Bedrooms:	4
Primary Heating System:	Air Source Heat Pump • Electric • 7.5 HSPF2
Primary Cooling System:	Air Source Heat Pump • Electric • 14.3 SEER2
Primary Water Heating:	Residential Water Heater • Electric • 3.8 UEF
House Tightness:	1861 CFM50 (3.54 ACH50)
Ventilation:	None
Duct Leakage to Outside:	23 CFM @ 25Pa (1.08 / 100 ft ²)
Above Grade Walls:	R-15
Ceiling:	Attic, R-38
Window Type:	U-Value: 0.3, SHGC: 0.22
Foundation Walls:	N/A
Framed Floor:	R-30