

RESIDENTIAL ENERGY CONSERVATION CODE DOCUMENTATION CHECKLIST



Florida Department of Business and Professional Regulation
Energy Rating Index Compliance Alternative

DOES NOT PASS

Applications for compliance with the 2023 Florida Building Code, Energy Conservation via the Energy Rating Index Compliance Alternative shall include:

- ☒ This checklist
- ☒ Form R406 report
- ☐ Input summary checklist that can be used for field verification (usually four pages/may be greater)
- ☐ Energy Performance Level (EPL) Display Card (one page)
- ☐ HVAC system sizing and selection based on ACCA Manual S or per exceptions provided in Section R403.7
- ☐ Mandatory Requirements (five pages)

Required prior to CO:

- ☐ Air Barrier and Insulation Inspection Component Criteria checklist (Table R402.4.1.1 - one page)
- ☐ A completed Envelope Leakage Test Report (usually one page)
- ☐ If Form R405 or R406 duct leakage type indicated anything other than "default leakage", then a completed Duct Leakage Test Report (usually one page)

Florida Energy Code ERI R-406 Projected Energy Rating Index Report

Property

Builder:
Address:, Orlando, FL 32789

Organization

Company:Ekotrope
Phone:410-245-8290
Rater:Patrick Nachlas

Energy Rating Index Information

Projected Rating
Rating No:
Date Rated:
Rater ID (RTIN):1234567

DOES NOT PASS

Estimated Annual Energy Consumption*

	Rated Home Calculated Energy Use (MBtu)	Rated Home Cost (\$/yr)
Heating	0.3	\$22
Cooling	13.0	\$1,025
Water Heating	14.6	\$1,153
Lights & Appliances	23.7	\$1,877
Photovoltaics	0.0	\$0
Service charge	-	\$0
Total	51.5	\$4,077

*Based on standard operating conditions

ERI with PV:83

ERI without PV:83

Annual Estimates

Electric (kWh):15,098.6
Natural Gas (Therms):0.0

CO2 Emissions (Tons):3.8

Maximum Energy Rating Index:58

This Home's Energy Rating Index:83

FAIL

This home DOES NOT MEET the Energy Rating Index Score requirement of Florida Energy Code ERI R-406 for Climate Zone 2. It DOES NOT MEET all of the requirements verified by Ekotrope. Mandatory requirements are summarized on the 2nd page of this report, some of which are not verified by Ekotrope.

Name: Patrick Nachlas

Signature:

Organization: Ekotrope

Date: 7/15/25 at 5:35 PM

Rating Provider Data and Seal

Company:Ekotrope
Address:2 Avenue De Lafayette, Fourth Floor
Phone #:
Fax #:



To determine if a provider is properly accredited go to: www.resnet.us/professional/programs/search_directory

(Projected. Confirmation required.)

Climate Zone 2		Mandatory Requirements
Provision Number	Topic	Compliance Decision
R406.4	Florida 2023 ERI: 83 Max allowed: 58	Fail
R402.4.1.2	Air Leakage Testing	Fail
R404.1	Lighting Equipment	Fail
Mandatory Checklist	Mandatory code requirements that are not checked by Ekotrope must be met.	Fail
R403.6.1	Mechanical Ventilation Efficacy	Pass
R403.6.1	Mechanical Ventilation Energy Recovery	Pass
IRC M1507.3.3	Mechanical Ventilation Rate	Warning
R403.5.2	Demand Recirculation Water Systems	Pass
R403.7.1	Equipment Sizing	Fail
R403.8	Systems Serving Multiple Dwelling Units	Pass
R403.13	Dehumidifiers	Pass
R403.3.3	Duct Testing	Fail
R406.2	All other requirements from Table R406.2 not explicitly checked by Ekotrope.	Fail*

* This is a projected rating. These items must eventually be field-verified by the Rater, Field Inspector, Code Inspector, or Builder.

Ekotrope RATER - Version 4.2.1.3668

Florida 2023 ERI compliance results calculated using Ekotrope RATER's energy and code compliance algorithm.
Ekotrope RATER is a RESNET Accredited HERS Rating Tool. All results are based on data entered by Ekotrope users.
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