

## Requirements for reporting Florida ERI/406. 12/29/17

Summarized from TAM, ANSI/RESNET/ICC 301, Florida and IECC Code.

### Part 1 Main Page.

Requirement	Source	How report meets requirement.
Document ERI of rated design complies with R 406.3 <i>Reference building is configured to meet requirements of 2006 IECC and has ERI of 100</i>	FL Energy Code R406.6.2	With Graphic Field in top section ("Reference design configuration").
Document ERI of rated design complies with R 406.4 <i>ERI for this house is below 58</i>	FL Energy Code R406.6.2	With Graphic
Address or other identification of the residential building	FL Energy Code R406.6.2 (1)	Property section at top of page. Address, Permit details, Jurisdiction, county.
Name of individual completing the report.	FL Energy Code R406.6.2 (3)	Rater Section and signature block at bottom of page.
Name and version of software tool.	FL Energy Code R406.6.2 (4))	Footer
Is worst case scenario?	TAM R6.4, page 50.	Top section
Has on-site renewable power production	TAM R6.5	Top section
Envelope meets or exceeds IECC 2009 or IECC 2015. Depends on on-site power production.	TAM R6.5	Top section
Projected annual Energy cost of home by fuel type.	ANSI/RESNET/ICC 301, Labeling, p54, section 5.3 .	Chart and table Source of Energy Cost Data is from State averages published by DOE, Energy Information Administration, per Standard 301 section 5.1.2.
Official Signature Box with Florida Seal and Section 553.908 statement	Other Florida Reports.	Included because it is on the Florida Performance and Prescriptive reports.

### Part 2 - "ERI Mandatory Requirements Status"

Demonstrate Mandatory requirements are met.	Code R406.2.	List Mandatory Requirements checked by software and the pass fail value.
"Mandatory requirements pass/fail status for inputs verified by the compliance software."	TAM page R-51	Code reference, Topic, Pass or Fail value in Software. Leave space for rater to complete by hand if topic is not part of software.
Indicate if home does or does not have on-site power production.	TAM page R-51	

### Part 3 - Inspection Checklist

Document Building Component Characteristics.	TAM page R-51 Code R-406.6.2 (2)	The Building Input Summary Report.
Results for Reference and Rated Design.		Refer to: Part 1 - Main Page. Reference Home Characteristics Page.

#### Part 4 - Reference Home Characteristics.

TAM Added some extra reporting requirements about reference home.	TAM R6.1.2.1 page R-40.	Reference Home Characteristics summary page is included at end of reports as in Wrightsoft's performance reports. New TAM adds for ERI: <ul style="list-style-type: none"><li>• Separate Sensible and Latent internal gains. (Now combined)</li><li>• Specific leakage area by zone or as SLAo3 as appropriate.</li><li>• DHW pipe length</li><li>• DHW loop length</li></ul>
Documentation of the building component characteristics of the reference design.	May be requested by official per Code. R406.6.3.	Save project as reference building and run compliance on it to produce reports. Also see our Reference Home Characteristics summary page.

#### Plus the common report pages in TAM:

- Florida Documentation checklist,
- Air Barrier and insulation inspection checklist,
- Duct leakage report,
- EPL card,
- Envelope leakage report,
- Mandatory requirements text.