

Florida Building Code, Sixth Edition (2017) - Energy Conservation

EnergyGauge Summit® Fla/Com-2017, Effective Date: Dec 31, 2017

IECC 2015 - Total Building Performance Compliance Option

Check List

Applications for compliance with the Florida Building Code, Energy Conservation shall include:

- ☒ This Checklist
- ☒ The full compliance report generated by the software that contains the project summary, compliance summary, certifications and detailed component compliance reports.
- ☒ The compliance report must include the full input report generated by the software as contiguous part of the compliance report.
- ☒ Boxes appropriately checked in the Mandatory Section of the compliance report.

WARNING: INPUT REPORT NOT GENERATED.

To include input report in final submission, go to the Project Form, Settings Tab and check the box - "Append Input Report to Compliance Output Report"
Then rerun your calculation



PROJECT SUMMARY

Short Desc: Office

Description: I-75 Truck Stop Repair Center

Owner: I-75 Truck Stop Repair Center

Address1: 14197 S US 441

City: Ellisville

Address2:

State: FL

Zip: 32024

Type: Office

Class: New Finished building

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Conditioned Area: 2373 SF

Conditioned & UnConditioned Area: 2373 SF

No of Stories: 1

Area entered from Plans 2373 SF

Permit No: 0

Max Tonnage 6

If different, write in: _____

Compliance Summary			
Component	Design	Criteria	Result
Gross Energy Cost (in \$)	1,489.0	1,516.0	PASSED
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			No Entry
HVAC SYSTEM			PASSES
PLANT			No Entry
WATER HEATING SYSTEMS			PASSES
PIPING SYSTEMS			PASSES
Met all required compliance from Check List?			<input checked="" type="checkbox"/> Yes/No/NA
<p>IMPORTANT MESSAGE Info 5009 -- -- -- An input report of this design building must be submitted along with this Compliance Report</p>			

CERTIFICATIONS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code

Prepared By: Ronald Miller

Building Official: _____

Date: 12/9/19

Date: _____

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: _____

Date: _____

If Required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Efficiency Code

Architect: Nicholas Paul Geisler

Reg No: AR0007005

Electrical Designer: Nicholas Paul Geisler

Reg No: AR0007005

Lighting Designer: Nicholas Paul Geisler

Reg No: AR0007005

Mechanical Designer: Nicholas Paul Geisler

Reg No: AR0007005

Plumbing Designer: Nicholas Paul Geisler

Reg No: AR0007005

(*) Signature is required where Florida Law requires design to be performed by registered design professionals. Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.


Certified Energy Rater #1494

Project: Office
Title: I-75 Truck Stop Repair Center
Type: Office
(WEA File: FL_JACKSONVILLE_INTL_ARPT.tm3)

Building End Uses

	1) Proposed	2) Baseline
Total	92.20	111.50
	\$1,489	\$1,784
ELECTRICITY(MBtu/kWh/\$)	92.20	111.50
	26983	32665
	\$1,489	\$1,784
AREA LIGHTS	13.40	17.10
	3920	5012
	\$216	\$274
MISC EQUIPMT	12.40	12.40
	3619	3619
	\$200	\$198
PUMPS & MISC	0.20	0.10
	48	38
	\$3	\$2
SPACE COOL	36.80	36.50
	10774	10680
	\$595	\$583
SPACE HEAT	17.30	13.60
	5075	3987
	\$280	\$218
VENT FANS	12.10	31.80
	3547	9329
	\$196	\$509

Credits Applied: None

Passing Criteria = 1516

Design (including any credits) = 1489

Passing requires Proposed Building cost to be at most 85% of
Baseline cost. This Proposed Building is at 83.5%

PASSES