

# **IC3: International Code Compliance Calculator**

## **CATEE Pre-Conference Workshop**

**Monday, Dec. 15<sup>th</sup>, 9:00 am - 12:00 pm**

This workshop offers an overview of the International Code Compliance Calculator (IC3). The IC3 is a web-based software tool designed to provide a simulated performance of energy code compliance for single family residential construction.

This powerful, but easy to use, software tool has been developed by the Energy Systems Laboratory (ESL) of the Texas Engineering Experiment Station (TEES) at Texas A & M University. The tool captures quantitative above-code compliance as well as emissions reduction credits for the State Implementation Plan (SIP). IC3 features a simplified entry of the minimum house parameters necessary to estimate energy performance as compared with the Texas Building Energy Performance Standards (TBEPS).

### **FEATURES OF IC3: Performance based software**

- Free public tool
- Easy to use
- Transparent
- Tested
- On-screen help text and images
- Features a downloadable illustrated User's Guide
- Allows three types of heating configurations
- Credit for high efficiency AC, heat pump and furnace
- Credit for use of high-efficiency windows
- Provides above-code credit for mechanical in conditioned space
- Provides above-code credit for high efficiency water heaters
- Calculates the impact of overhangs
- Provides above-code credit for radiant barriers and high reflectance roofing
- TCEQ/EPA approved emissions calculations capability
- Creates a Certificate of Compliance in PDF format

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