

STATEMENT OF COMPLIANCE WITH ALABAMA STATE ENERGY CODES FOR RESIDENTIAL BUILDINGS

2015 International Residential Code (IRC) with State of Alabama Amendments for Residential Dwellings

The 2015 International Residential Code, published by the International Codes Council, when used in conjunction with the State of Alabama Energy and Residential Codes, constitutes the official Alabama State Energy Code for Residential Buildings. This Code establishes minimum regulations for energy efficient design, erection, construction, and/or alteration of one-and-two family dwellings and townhouses not more than three stories above grade in height with a separate means of egress and their accessory structures. Compliance with this Energy Code by designers and builders is mandatory.

This form must be completed entirely, signed and submitted at the time of permit application.

BUILDING PERMIT NUMBER: _____ DATE: _____

JOB SITE ADDRESS: _____

CONTRACTOR/BUILDER: _____

I/We do certify by signature below that the above permitted structure shall be built in compliance with the State of Alabama Energy and Residential Codes using one of the following methods:
(Indicate with an "x" the appropriate choice.)

Insulation, Window and Door Requirements by Component (Prescriptive Component Approach)

This approach is assumed unless documentation is provided by the builder that either the trade-off or simulated performance options are being used. Insulation and window requirements prescribed in the 2015 IECC and the Alabama Energy and Residential Code must be strictly adhered to in addition to the *mandatory* requirements for building envelope air sealing and mechanical systems (plumbing, electrical, HVAC). Applicants must complete the Energy Code Prescriptive Approach Worksheet and submit it along with the permit application and the construction plans for review.

REScheck with 2015 IECC as chosen option (Component UA Trade-off Approach)

Applicant must prepare and submit a REScheck report along with a building permit application, this form, and the construction plans for review. REScheck is available as a free download at <http://www.energycodes.gov/rescheck/>. REScheck allows you to demonstrate compliance with the weighted-average SHGC requirement and to perform simple trade-offs among building envelope components as well as receive credit for higher than standard heating and cooling equipment efficiencies. If using REScheck, you must use the **Alabama** version. Unless you are familiar with using REScheck software, download the "REScheck Software User's Guide", while at the DOE website. The user's guide is imperative to understanding and using the software program correctly. After download and to establish the correct minimum compliance values for use in your area, select the closest city to the construction location as your destination location. REScheck will automatically preset all climatic defaults specifically for *IECC Codes* compliance in your jurisdiction.

Two (2) signed copies of the REScheck printed report for the work to be submitted with each building permit application. One copy will be stamped "Reviewed For Codes Compliance" and will be given back to you at permit issue. This copy must be on the construction site and available to inspectors during inspections. The remaining copy will be retained for Building Department records.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using REScheck.

__ IECC Section R405 (Simulated Performance Approach)

Section R405 provides an alternative way to meet the code's goal of effective use of energy based on a comprehensive analysis showing that the predicted annual energy costs of a *proposed home design* is less than or equal to that of a *standard reference design* (the same home built to meet the prescriptive criteria in the code). Because of the level of detail required in the analysis, this method is not often used for residential buildings. Please contact the Building Official for more information.

Mandatory requirements for building envelope air sealing and mechanical systems must be met even if using the Simulated Performance Approach.