

City of Loganville Planning & Development  
P.O. Box 39  
Loganville, GA 30052  
770.466.2633 Fax: 770.554.5556

**GEORGIA STATE ENERGY CODES**

PERMIT: # \_\_\_\_\_

DATE: \_\_\_\_\_

The Georgia State Energy Code contains energy conservation requirements that are mandatory for designers and builders, as they relate to design, construction, alteration and renovation of buildings. This form must be completed and submitted to the Building Department at the time your permit is issued. This file will become part of you inspection file.

Construction Address: \_\_\_\_\_

Lot # \_\_\_\_\_ Name of Subdivision \_\_\_\_\_

Company/Contractor Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # \_\_\_\_\_ Cell # \_\_\_\_\_ Fax # \_\_\_\_\_

Business License # \_\_\_\_\_ City / County \_\_\_\_\_

**SINGLE STEP ENERGY CODE COMPLIANCE 3500 HDD GREATER ATLANTA AREA**

If your building meets **ALL** of the following conditions, you are deemed to comply with the Georgia State Energy Code.

1. Your building site must be located in an area of state where climatic conditions are in the 3500 HDD or less.
2. Your window and door openings shall not exceed 19% of the gross (conditional space) wall area.
3. You shall comply with Energy Code requirements for limiting air infiltration.
4. Your equipment must meet efficiencies required by the Energy Code.
5. You shall not make any substitutes of any kind for R-values listed below.

▶ Opening in gross wall area	19% maximum
▶ Ceiling insulation*	R-30
▶ Wall insulation***	R-13.0
▶ Insulating sheathing**	R-4
▶ Basement masonry wall insulation	R-6
▶ Windows, double pane or single pane with storm windows	R-1.79 (U-0.56)
▶ Crawl space	R-19

These R-values may result in some degree of over-design.

If you change one or more of the R-values to a lower R-value, then this method cannot apply. **NO SUBSTITUTIONS** are allowed when using this method. No additional paper work is required.

You may use other methods, such as “**TRADEOFF WORKSHEET**” or one of the “**CHAPTER APPROACHES**” of the actual CABO Model Energy Code, to show compliance at the time permit is requested.

You must furnish all required additional paper work that relates to these options.

I certify that the above listed structure shall be built in accordance with the current Georgia State Energy Code:

- ◇ **One Step Energy Code Compliance**
- ◇ **Trade – Off work sheet**
- ◇ **Other Chapter approaches**

**Signature:** \_\_\_\_\_ **Print Name:** \_\_\_\_\_

\* Sloped ceilings, such as cathedral & tray ceilings, may be insulated with R-19 batts, provided the R-19 batts do not exceed 25% of the total ceiling area and provided the flat portion of the ceilings is insulated to R-38.

\* Insulation under attic equipment may be R-19 value.

\*\* Plywood or OSB may be used on 20% of opaque wall to meet corner bracing/structural requirements.

\*\*\* If plywood or OSB is used on entire outside wall, R-15 wall insulation must be used.