

ENERGY SAVER RATE 6 SPECIFICATIONS FOR NEW RESIDENTIAL CONSTRUCTION

The following requirements are predicated on the Council of American Building Officials Model Energy Code. Sufficient application of thermal control products and air conditioning requirements must be met at the time of application to satisfy the minimum standards outlined below:

- **Ceilings:** Homes must be insulated with a total "as installed" thermal resistance value of 30 (R-30). Manufactured homes must be insulated with a total "as installed" thermal resistance value of 30 (R-30).
- **Walls:** Walls exposed to the full temperature differential (TD), or unconditioned areas, shall have a total cavity R value of 15 (R-15).
- **Floors:** Floors over crawl space walls must have insulation installed having a total R value of 19 (R-19). 100% of the exposed earth in a crawl space shall be covered with a vapor barrier of no less than four (4) mils.
- **Air Condition:** Effective July 16, 2010, all air conditioners must have a SEER rating of 14 or higher.
- **Windows:** Windows must be insulated (double) glass or have storm windows.
- **Doors:** Doors exposed to unconditioned areas must be weather-stripped on all sides and be of solid construction.
- **Water Heaters:** Electric water heaters must have insulation surrounding the tank with minimum total R value of 8 (R-8).
- **Ducts:** Air ducts located outside of conditioned space must have:
 - 1) all joints properly fastened and sealed.
 - 2) ducts shall have a minimum R value of 6 (R-6).
 - 3) all joints must be permanently sealed with the application of duct sealant.
 - 4) take-offs, transitions, connections to air handler, boot connections, framed-in and panned passages must be made airtight with duct sealant.
- **Attic Vent:** Attic ventilation must be a minimum of one square foot of net free area for each 150 square feet of attic floor area.
- **Lighting:** Recessed ceiling lights shall be sealed.
- **Other:** Chimney flues and fireplaces must have tight fitting dampers.
Insulation thermal resistance values are shown for insulation only, framing corrections will not be considered.

In the event that SCE&G determines that your residence meets or exceeds the minimum building standards set forth in Rate 6, thereby qualifying your residence for electric service under Rate 6, SCE&G will begin charging you for electric service under Rate 6 effective with your next monthly billing. SCE&G will not, however, adjust any past charges for electric service in any manner that will have the effect of applying Rate 6 on a retroactive basis.

HVAC EQUIPMENT

System 1:

Manufacturer: _____ SEER Rating: _____

Outdoor Unit Model # _____

Indoor Unit Model # (if applicable) _____

System 2 (if applicable):

Manufacturer: _____ SEER Rating: _____

Outdoor Unit Model # _____

Indoor Unit Model # (if applicable) _____

I certify that the house located at _____

City: _____ State _____ Zip Code _____

meets these specifications. I understand that SCE&G may perform an on-site audit to verify this information & customer eligibility.

SCE&G Account Number: _____

Builder Name: _____

Builder Signature: _____ Date: _____

Homeowner's Name: _____

Please mail or fax this information along with your receipts and/or documentation verifying the Rate 6 requirements to:

SCE&G

Rate 6 Program

c/o Energy Information Services (MC C106)

Columbia, SC 29218

Fax Number - (803) 933-8720