



PRESCRIPTIVE STANDARDS

Nothing can have a more lasting effect on your pocketbook—or on our common responsibility to use energy wisely—than the decisions you make when you choose a place to live. The energy right program can help you make sure that your new home will save you energy and money. In addition, certified new homes may qualify for free underground service.

energy right PROGRAM

flat ceiling in attic	R-33 (3)
cathedral ceiling (maximum area 33% of flat ceilings)	R-19
exterior above grade walls	R-13
attic walls (knee walls)	R-19
maximum u-value of windows(2)	0.50 (minimum R-2.0)
maximum window area as a percentage of gross wall area	12.5%
maximum u-value of exterior doors	0.50 (minimum R-2.0))
basement walls – below grade (8)	R-8
floors over non-conditioned space (7)	R-13
floors extended over outside air	R-30
slab-on-grade	R-6, 2 ft. depth
crawl space walls, no floor insulation (7)	R-8
RIM and band joist	R-13
minimum heat pump efficiency (SEER)	13.0
electric water heater	NAECA minimum
ducts/non-conditioned area (attic/crawl space)	maximum 10% duct loss

Infiltration/Air Leakage:

all joints, seams, penetrations, openings between window and door assemblies and other sources of air leakage shall be caulked, gasketed, weatherstripped, or sealed to limit uncontrolled air movement

FOR ADDITIONAL INFORMATION

Contact your local Southwest Tennessee Electric office or call 1.800.772.0472. You may also wish to visit www.energyright.com or www.stemc.com.



Conditional statements: 1) one exterior door exempt from requirement 2) up to 8% of the allowable glass may be single pane decorative glass 3) R-33 may be reduced to R-30 if the insulation requirement is obtained over the exterior wall top plate 4) Steel-framed construction requires additional insulation to meet equivalent requirements 5) Conditioned basement walls require insulation from top of wall to floor to 10 feet below grade 6) Slab-on-grade insulation waived in areas subject to heavy termite infestation areas; increase insulation in other areas to offset 7) Insulate either floors over non-conditioned space, slab, or crawl space wall as applicable 8) Basement walls refer to walls below grade/frost line. Walls in a basement area exposed to ambient air should be treated as above grade walls. Where the top of wall is above grade, the above grade R-Value should extend at least 1 foot below frost line