

Reference Home Characteristics

FSEC
111 Anywhere Lane
Dallas, TX,
Registration #:

Title: TaxCredit-AutoGen_case2
TaxRef13

TMY City: TX_ABILENE_DYES
Elec Util: EnergyGauge Default
Gas Util: EnergyGauge Default
Run Date:

HERS BESTEST basecase home

Above-grade Walls (Uo)	0.082
Above-grade Wall Solar Absorptance	0.75
Above-grade Wall Infrared Emittance	0.90
Basement Walls (Uo)	n/a
Above-grade Floors (Uo)	0.047
Slab Insulation R-Value	n/a
Ceilings (Uo)	0.035
Roof Solar Absorptance	0.75
Roof Infrared Emittance	0.90
Attic Vent Area (ft²)	5.13
Crawlspace Vent Area (ft²)	10.26
Exposed Masonry Floor Area (ft²)	n/a
Carpet & Pad R-Value	n/a
Door Area (ft²)	40
Door U-Factor	0.65
North Window Area (ft²)	67.50
South Window Area (ft²)	67.50
East Window Area (ft²)	67.50
West Window Area (ft²)	67.50
Window U-Factor	0.65
Window SHGC (Heating)	0.3400
Window SHGC (Cooling)	0.280
SLA (ft²/ft²)	0.00036
Internal Gains Sensible (Btu/day)	52801.2
Internal Gains latent (Btu/day)	12701.4
Internal Gains Total (Btu/day)	65502.6
Labeled Heating System Rating and Efficiency	HSPF = 7.7
Labeled Cooling System Rating and Efficiency	SEER = 13.0
Air Distribution System Efficiency	0.80
Gallons per day	44.61
Thermostat Type	Manual
Mechanical Ventilation (kWh/y)	0.0
DHW pipe length (ft)	88.5
DHW loop length (ft)	156.9
Heating Thermostat Settings	68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0
	68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0
	68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0
Cooling Thermostat Settings	78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0
	78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0
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