



Your Home Performance With Energy Star® Program Energy Analysis



The Home Performance with Energy Star® Program Energy Analysis suggests improvements that will help you reduce home energy use and increase your comfort. It explores some basic energy usage areas, which will provide you with the greatest potential for savings. An Austin Energy representative will verify the recommendations made by the private contractors before funding for the improvements is approved. After your contractor explains this checklist to you, read the residential packet to help you decide which program best meets your needs. If you need more information, call Austin Energy at 974-7827.

Contractor: _____ Contractor Representative: _____ Date: _____

Name (last, first): _____ Phone: H _____ W _____

Address: _____ City: _____ Zip: _____

Total Sq. Ft. of condition space: _____ No. of occupants: _____ Date home built: _____

Slab Pier & Beam Wall R-value: _____ Number of Levels: _____

SOLAR SHADING - WINDOWS/DOORS:

We recommend solar shading, if a window or door receives at least one hour of direct sunshine in the summer and on 40% or more of the glass. Solar shading is recommended on east, south, west windows.

S / SW	Front/Back/Left/Right		W / NW		F/B/L/R		NE / E / SE		F/B/L/R		F/B/L/R	
	Size	Sq. Ft.		Size	Sq. Ft.		Size	Sq. Ft.		Size	Sq. Ft.	
Upstairs			U			U			U			
Downstairs			D			D			D			
Upstairs			U			U			U			
Downstairs			D			D			D			
Upstairs			U			U			U			
Downstairs			D			D			D			
Upstairs			U			U			U			
Downstairs			D			D			D			
Upstairs			U			U			U			
Downstairs			D			D			D			

ATTIC INSULATION:

Austin Energy recommends you have an insulation value for your attic of R-38 equal to approximately 10 – 18 inches. The average home in Austin has an existing insulation value of R-11 equal to approximately 4 inches of insulation.

Type(s) _____	Thickness _____	R-value _____	Vaulted sq.ft. _____	R-value _____
Cathedral Ceiling ft. _____	R-value _____	Total attic floor sq. _____	Avg. R-value _____	

DUCT SYSTEM:

For air conditioners to be efficient the duct system must be airtight. Duct sealing and duct replacement retrofits have been shown by scientific studies to reduce heating and cooling energy use by 10 – 30%. Homes in Austin have an average duct leakage of 27%.

Location of ducts: Attic Furrdowns Crawlspace Type: Sheetmetal Fiberglass duct board Flex duct R-Value _____
 Duct Insulation: Compressed? Yes No Thorough? Yes No Duct Leakage? Yes No

Does the house have air distribution problems? Yes No

HEATING AND COOLING SYSTEM:

Today's best air conditioners uses 30% to 50% less energy to produce the same amount of cooling as air conditioners made in the 1970's and 1980's. Make sure you buy a properly sized air conditioner for your home. An oversized air conditioner cycles on and off more frequently, reducing its efficiency, causing fluctuations in temperature and limiting moisture removal.

Type of Cooling System

Central Gas Heat Pump Central Electric Window Unit - How Many? None Other _____

Type of Heating System

Central Gas Central Electric Heat Pump Wall Furnace Electric Space Heater Gas Space Heater

How Many Units _____ Evaporator Age(s) _____ Compressor Age(s) _____

SUMMARY OF RECOMMENDATIONS

1. Solar Shading: Total sq.ft. _____	5. Duct Insulation/Replacement _____ lnr.ft.
2. Attic Insulation: Add R- _____	<input type="checkbox"/> Additional Duct Run(s) _____ qty.
<input type="checkbox"/> Attic Stair Box/Attic Hatch	6. External Combustion Air: <input type="checkbox"/> Water Heater <input type="checkbox"/> Furnace
<input type="checkbox"/> Kneewall Repair/Replacement _____ sq. ft.	7. <input type="checkbox"/> AC Replacement
<input type="checkbox"/> Whole House Fan Cover _____	Unit 1 - Recommended Size _____ Efficiency _____
3. Radiant Barrier: Total sq. ft. _____	Unit 2 - Recommended Size _____ Efficiency _____
4. Air Infiltration/Duct Sealing _____ sq. ft.	8. <input type="checkbox"/> Other _____

Notes:

Consumer Disclosures

Funding for programs is limited. Efficiency programs may be revised or discontinued at any time without notice. These recommendations represent the analyst's best estimate of potential utility savings improvements, based on average energy habits and average weather conditions. There is no guarantee or warranty, expressed or implied, as to the actual effectiveness or utility savings, if you choose to implement these recommendations.