



2009 ENERGY STAR® qualified homes are independently verified to be at least 15% more efficient than the 2004 IRC, or the state energy efficiency code, whichever is more rigorous.



These savings are achieved based on heating, cooling, and hot water energy use and are graded on the following:

Building Envelope Upgrades: (Insulation Installation & Thermal Bypass Verification)

- Improved Comfort - Maintains a consistent temperature throughout the house.
- Greater Efficiency / Lower Utility Bills - Proper HVAC equipment compensates for heat loss in winter and heat gain in summer.

High Performance Windows: (Low-E ENERGY STAR Qualified Product)

- Quieter Home Interior - Multiple panes and insulated frames reduce outside noise.
- Reduced Fading - Curtains, furniture, and flooring. Low-E (Solar Window) coatings can block up to 98% of UV rays.
- Better Quality Windows - Made from higher quality materials that are easier to operate and carry extended warranties.

ENERGY STAR® Mandatory Requirements:

1. HERS verified at 15% better than code.
2. Envelope: Completed Thermal Bypass Inspection Checklist.
3. Ductwork: Leakage ≤ 6 cfm to outdoors per 100 sq. ft.
4. ENERGY STAR Products: Include at least 1 ENERGY STAR certified product category.
5. ENERGY STAR Scoring Exceptions:
 1. On-site power generation cannot be used to decrease HERS Index to qualify.
 2. Maximum of 20% of all screw-in bulb sockets may use ENERGY STAR certified CFL's to decrease HERS Index for compliance.

ENERGY STAR HOMES REDUCE UTILITY COSTS BY INCREASING HOME EFFICIENCY



Energy Leakage Points In An Inefficient Home

Better Home Quality

These features contribute to improved home quality and homeowner comfort, and to lower energy demand and reduced air pollution. ENERGY STAR also encourages the use of energy-efficient lighting and appliances, as well as features designed to improve indoor air quality.

Better Resale Value

Studies conducted since the early 1970's have consistently concluded that energy-efficient homes earn a higher resale price than average homes. This means that purchasing an ENERGY STAR qualified new home isn't just a smart investment today, but it will also pay significant dividends in the future.

Controlled Air Filtration: (Caulking, Sealing, and Weather Stripping)

- Tighter Home - Home is sealed tighter which reduces energy loss in heating and cooling.
- Improves Comfort - Reduces drafts, noise, and moisture.
- Improves Indoor Air Quality - Keeps dust, pollen, vehicle exhaust, and insects out of the home.

Upgraded Heating And Air Conditioning System Right-Sized

- Lowers Utility Bills - Heating and cooling equipment does not "over-work".
- Fewer Maintenance Problems - Air conditioning system consistently runs at its optimal level.
- Quieter Home - Oversized equipment is not continually turning on and off to meet unnecessary heating and cooling demands.

Tight Duct Systems: Leakage \leq 6 CFM To Outdoors / 100 S.F.)

- More Consistent Comfort - The proper amount of conditioned air distributes to each room.
- Significantly Improved Indoor Air Quality - Reduces intake of dust, pollen, and other pollutants from unconditioned spaces.

Upgraded Water-Heating Equipment

- Higher Energy Factor - Of 0.60 & 0.62 for gas water heaters or tankless water heaters will also lower the utility bill.

ENERGY EFFICIENT MORTGAGES

Because ENERGY STAR qualified new homes offer significant utility bill savings each and every month, ownership gives you access to special financing opportunities such as Energy Efficient Mortgages. These special mortgages make it easier for borrowers to qualify to purchase homes with specific energy-efficiency improvements. Contact your local ENERGY STAR lender to learn more about how buying an ENERGY STAR qualified new home can truly pay significant dividends.

ENERGY INSPECTORS™

Energy Inspectors™ is a certified HERS provider in Nevada, California, Utah, and Arizona. The ENERGY STAR label is earned only after the home's energy efficiency is verified, either by an independent third-party such as an accredited home energy rater or Builder Option Package (BOP) verifier, or by adhering to the quality control procedures established for HUD-code manufactured homes.

