

Introduction

Your home is perhaps your largest investment. Being assured that it will be constructed with quality & care is critical. High performance building is now available to the average homeowner. We can provide you with a blueprint for a healthier, more comfortable home, which will reduce your utility bills and protect the environment.

ConservEnergy Diagnostics is an energy consulting and home performance contracting company. As an applied building sciences company, we specialize in helping home builders become High Performance Builders...utilizing new technologies and emerging programs such as *ENERGY STAR* and *EARTHCRAFT HOUSE*. We are certified to provide the education, technical guidance, & 3rd party verification services for you & your builder...certifying that your home has reached the benchmark for these green building programs. We also keep abreast of the latest information on Federal, State, & local tax-incentives for energy efficient, sustainable building...so you can rest assured that you're getting all the resources available to you.

If you've already built your home in the mountains...we can help you with retrofit strategies to maximize the energy efficiency and comfort of your home. We'll provide you with a detailed improvement analysis with the projected energy savings & payback period for various home improvements. Our experience has shown that this is not necessarily an intuitive process...some of the most cost effective strategies are often surprises to our clients.

High Performance Programs For New Homes

- **Energy Star Qualified Home**

To earn the ENERGY STAR, a home must meet strict guidelines for energy efficiency set by the U.S.

Environmental Protection Agency. These homes are at least 15% more energy efficient than homes built to the 2004 International Residential Code (IRC), and include additional energy-saving features that typically make them 20–30% more efficient than standard homes.



Builders looking for a way to differentiate and market themselves are finding *ENERGY STAR* to be an excellent choice. ENERGY STAR is good for builders, homeowners and our environment, and **ConservEnergy Diagnostics** can help you make the mark, and certify that you've done so!

• **Earthcraft House (ECH)**

An Earthcraft House is an ENERGY STAR qualified home, which has been specially designed for our Southern environment. EarthCraft House follows a systems approach to home building that stresses an understanding of how the different components of a home work together. This approach results in a home that performs better, is more economical for the homeowner and costs little more to build than a comparable home built with standard construction practices.



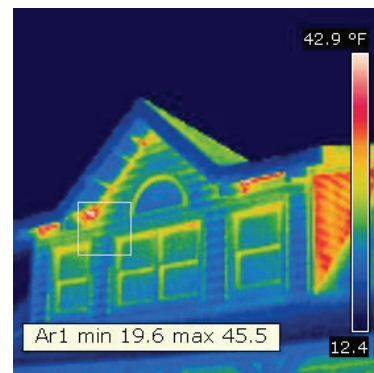
In addition to paying a monthly mortgage, home owners must also pay for utilities, maintenance and repair. All of these factors must be taken into consideration when determining the true cost of home ownership. A durable energy efficient house can be more economical and affordable even if it has a higher asking price than another home built with standard construction practices.

ConservEnergy Diagnostics provides ECH Technical Advisory services, a requirement for ECH certification. We provide your builder with one-on-one technical assistance, inspections, and the required diagnostic testing for your home. As the future homeowner, we are your independent 3rd party that inspects and verifies that your home meets the rigorous standards of Earthcraft House & ENERGY STAR.

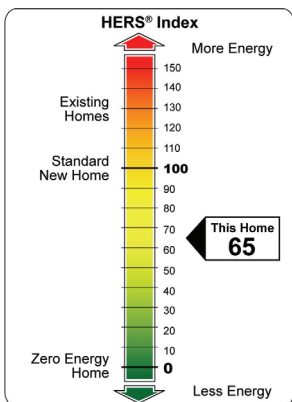
High Performance Retrofits for Existing Homes

• **Infrared Home Energy Audits**

We take the guesswork out of where you should focus your efforts on weatherizing your home. We use state of the art technology to assess your home, and provide you with detailed reporting and instruction on each problem area found.



• **HERS Rating & Improvement Analysis**



We provide complete HERS rating services (Home Energy Rating System), which “grades” your homes overall energy efficiency using recognized industry standards & procedures. We’ll provide you with a detailed improvement analysis with the projected energy savings & payback period for various home improvements.

Certifications & Credentials

- Certified HERS Rater: #0081-SERH; Provider: Southface Energy Institute
- Earthcraft House Technical Advisor ▪ ENERGY STAR – 3rd Party Verifier
- Certified Thermographer: Infraspection Institute, #7735 ▪ GA Weatherization Auditor
- Member Rater - RESNET (Residential Energy Services Network)

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