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DOE Challenge Home Training: Zero Net-Energy Ready Homes

The U.S. Department of Energy's (DOE) Challenge Home offers an innovative solution for leading builders to differentiate their product from existing homes as well as minimum code new homes. The DOE Challenge Home label—the symbol of excellence in home building—makes it easy for consumers to identify **Zero Net-Energy Ready Homes** that are so efficient a small renewable energy system can offset most or all annual energy consumption.

The program builds upon the comprehensive building science requirements of ENERGY STAR® for Homes, along with proven Building America innovations and best practices. Other specifications are incorporated to help builders reach unparalleled levels of comfort, indoor air quality, durability and quality.

DOE Challenge Homes are verified by a qualified third-party and are at least 40%-50% more energy efficient than a typical new home. This generally corresponds to a Home Energy Rating System (HERS) Index Score in the low to mid-50s; depending on the size of the home and region it is built.

Zero Net-Energy Ready Homes

training provides a comprehensive review of zero net-energy ready home construction including the business case, detailed specifications, and opportunities to be recognized as an industry leader. In this two- to four-hour session, you'll receive answers to:

- What is the future of housing and why is it headed there?
- What new business approaches are critical in a slowly recovering housing market?
- What critical components define a truly zero net-energy ready home?
- How are builders offering zero-net energy ready homes today at market-based prices?
- Why are they often the lowest cost option for homebuyers?
- What eight compelling value propositions are unique to zero net-energy ready homes?
- How do these homes lower builder risks?
- How can you construct these homes with readily available technologies and practices?
- How can you achieve recognition as an industry leader?
- What local resources are available to assist you on the path to zero net-energy ready home construction?



U.S. DEPARTMENT OF ENERGY
**CHALLENGE
HOME**

A Symbol of Excellence



This label indicates relative performance of this DOE Challenge Home to existing homes (built between 1990 and 2010) and ENERGY STAR qualified homes. Actual performance may vary.



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