

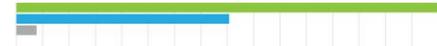
# DOE Challenge Home: Zero Net-Energy Ready Training

The DOE Challenge Home offers leading builders a timely solution for differentiating 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 homes that are so efficient a small renewable energy system can offset most or all annual energy consumption.



## A Symbol of Excellence

### HEALTHFUL ENVIRONMENT



### COMFORT PLUS



### ADVANCED TECHNOLOGY



### ULTRA EFFICIENT



### QUALITY BUILT



### DURABILITY



**KEY** ■ DOE Challenge Home  
 ■ ENERGY STAR Home  
 ■ Existing Home

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.



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 in which it is built.

The **DOE Challenge Home: Zero Net-Energy Ready** training provides builders 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. We provide the content as well as the trainer for at least the first class. You provide the meeting logistics including recruitment of attendees, venue, and refreshments. This course is eligible for AIA CEUs.

#### **Benefits of being a Training Partner:**

- Align with DOE to deliver the federal government's most rigorous energy efficiency program for residential construction.
- Maximize engagement with leading builders - partners have the opportunity to introduce every training session.
- Promote your affiliation with DOE Challenge Home in all of your marketing and promotional efforts.
- For manufacturers: Help shape the future of housing and anticipate how product development efforts dovetail with net zero-energy ready homes.
- For utilities: Meet goals to manage peak loads.

#### **Logistics & Costs:**

DOE Challenge Home provides all training content, identifies trainers, and certifies training for AIA CEUs. Training Partners arrange training session logistics, recruit from their builder networks, and coordinate with DOE Challenge Home staff to schedule training according to the agreed upon Annual Training Plan. DOE recommends that each

Partner hold four trainings per year in agreed upon target markets.

DOE program staff will act as free trainers for a minimum of one training per Partner. For any remaining training, Partners are asked to work with affiliated trainers. Affiliated trainers include approved HERS Raters and other energy professionals.

#### **Promoting Training:**

DOE will promote training on the DOE Challenge Home online calendar and through electronic newsletters and updates. Trainers are expected to publicize the event to builders through their marketing networks. Local HERS raters and trainers will also publicize the training to their customers.

#### **CEUs and Reporting:**

Partners are responsible to report training participant lists to DOE Challenge Home. These lists will be used to credit builder partners with fulfilling their orientation training requirement. In addition, when appropriate, CEUs will be assigned upon completion of the training. When possible, the partner will report CEU completion to the accrediting organization. Otherwise, DOE Challenge Home staff will be responsible to report to the accrediting organization. In order to collect the information needed to complete these reporting functions, a standardized sign-in sheet will be used to collect information.

#### **Contact:**

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