



## Housing Innovation Awards DOE Challenge Home Application

The U.S. Department of Energy's Housing Innovation Awards recognize the very best in innovation on the path to zero net-energy ready homes. Approximately 3 to 5 **DOE Challenge Home National Award Winners** will be selected for each of four categories: custom builder; production builder; affordable home builder; and systems builder. A single **DOE Challenge Home National Grand Award Winner** will be announced for each of these four categories at the Housing Innovations Award ceremony.

To enter the DOE Challenge Home Housing Innovation Awards, complete and submit this application to [doechallengehome@newportpartnersllc.com](mailto:doechallengehome@newportpartnersllc.com) by **Ju 1 , 2013**. Winners will be notified by September 1<sup>st</sup> and the grand winners will be announced at the ceremony on October 4<sup>th</sup>, 2013, at the Solar Decathlon 2013 in Irvine, CA.

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**Builder Name:**

**Builder e-mail:**

**Homeowner/Project Name:**

**Builder Category (check one):**  Custom  Production  Affordable  Systems

**Home/Project Address:**

**Climate Zone (1 thru 8):**

**Construction Completion Date:**

**Home Size:**

**Number of Bedrooms:**

**Verifier Name:**

**Prepared by:**

**Date:**

**Phone:**

**e-mail:**

**HERS Index w/Renewables:**

**HERS Index w/o Renewables:**

This home meets all of the requirements of the DOE Challenge Home plus the following as evidenced in the submitted material (check all that apply):

- EPA's Indoor airPlus
- EPA's WaterSense
- Institute for Business and Home Safety (IBHS) Fortified Home
- DOE Challenge Home Quality Management Guidelines
- PHIUS+

I've submitted the DOE Challenge Home verification form.

I've submitted a minimum of 5 high resolution photos or other documentation appropriate for a display at the Solar Decathlon Competition Pavilion. (You may send separately to [doechallengehome@newportpartnersllc.com](mailto:doechallengehome@newportpartnersllc.com) or use DropBox.)

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I understand that the materials and information I provide may be used by DOE and its contractors for promotion of the DOE Challenge Home and the Housing Innovation Awards.

*Please write narrative about this house that addresses the six criteria below. Be sure to indicate what attachments support the narrative.*

<b>Criteria</b>	<b>Examples</b>
1. <b>Land Development.</b> How were site issues addressed for locating a zero net-energy ready home on this property. Were there any landscaping considerations related to energy efficiency and/or water conservation?	Vistas, topography, orientation, indigenous materials; water resource constraints, etc.
2. <b>Design.</b> How would you describe the style of the house (e.g., traditional colonial, modern)? What aesthetic features are related to the energy efficiency and performance of the home?	Style, regional design factors; natural comfort factors; disaster resistance; sustainable materials; etc.
3. <b>Performance.</b> Please describe the key features driving the performance of the DOE Challenge Home and how they were integrated into a house-as-a-system package.	Measures/strategy addressing energy efficiency; indoor air quality; water conservation; disaster resistance; solar-readiness; etc.

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4. **Quality Construction.** What quality practices and measures did you undertake to ensure minimum defects and waste while employing proven advanced technologies?

Pre-construction team meetings; comprehensive construction documents; quality management plan; etc.

5. **Sales.** What marketing and sales solutions addressed the energy efficiency and performance of this home that homebuyers cannot see?

Sales training; displays; warranties; deconstructed home

6. **Business Metrics.** How did you measure the business results of your investment in zero net-energy ready homes?

Incremental cost of construction above code; time-to-sale; number of homebuyer visitors; media coverage; customer satisfaction; actual energy billing data

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