

Zero Energy Ready Home Newsletter

July 2016

Good Windows Are Getting Better!

A Reminder about DOE ZERH's Changing Window Specifications

ENERGY STAR-labeled products distinguish the top products in the marketplace. As residential windows have advanced and the high performance windows of several years ago are now the standard product, the ENERGY STAR window program has raised the bar on its qualification criteria. Because the DOE Zero Energy Ready Home program requires windows with ENERGY STAR specifications, our program is now phasing in the updated window requirements. We've highlighted this change in communications and training since early 2015, but we wanted to offer this reminder because we are approaching a key date. For DOE Zero Energy Ready Home partners, here are the key takeaways:

- In the Hot and Mixed zones, the updated ENERGY STAR window specifications required for DOE ZERH are shown below in the chart. Keep in mind that DOE Zero Energy Ready Home allows area-weighted averaging for U-Value and SHGC, as well as an exception for passive solar design exemption. (See *Footnote #13* in our [program requirements](#).)
- For projects in the Cold zone (IECC Climate Zones 5–8 & Marine 4), DOE ZERH has phased in the updated window specifications. For projects permitted **after 8/31/2016**, the new windows specifications shown in the chart will apply. There are 2 important points about these updated specifications:
 1. There are 4 different U-Values called out in the ENERGY STAR window specifications with corresponding SHGC values, as the chart shows. This provides flexibility for project specifications.
 2. Area-weighting of U-Value and SHGC for the entire window package is permitted. (See *Footnote #13* in the [program requirements](#) for details.)

Window Specs to Apply to DOE Zero Energy Ready Home Projects	Hot Climates IECC CZ 1-2		Mixed Climates IECC CZ 3-4 (except Marine)		Cold Climates IECC CZ5-8 & Zone 4 Marine	
	U-Value	SHGC	U-Value	SHGC	U-Value	SHGC
Projects permitted <i>up to</i> 8/31/2016	0.40	0.25	[3] 0.30 [4] 0.30	[3] 0.25 [4] 0.40	0.30	Any
Projects permitted <i>after</i> 8/31/2016*					0.31	≥0.35
					0.32	≥0.40
					0.27	Any
					0.28	≥0.32
					0.29	≥0.37
					0.30	≥0.42

If you have any questions about the new window provisions, or any other program requirements, please contact us at zero@newportpartnersllc.com

Zero Energy Ready Home Webinar

DOE ZERH Orientation Webinar: Better Business For Builders

July 14, 2016 12:00PM to 1:00PM EDT

The DOE Zero Energy Ready Home represents a whole new level of home performance, with rigorous requirements that ensure outstanding levels of energy savings, comfort, health, and durability. This webinar will provide an overview of the Zero Energy Ready Home program including the business case and how to be recognized by DOE as an industry leader. Builders and energy raters will also learn how to quickly become DOE Zero Energy Ready Home Partners and begin qualifying homes.

Presenters: Jamie Lyons & Joe Nebbia- Zero Energy Ready Home Program Staff

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