



U.S. DOE Zero Energy Ready Home: Why, What and How

Why

Zero Energy Ready Home leverages proven innovations from U.S. Department of Energy research that can significantly benefit all housing stakeholders:

- **Homeowners**
 - better home experience (health, comfort, protection, and future value)
 - lower ownership cost
- **Builders**
 - superior customer satisfaction
 - less liability
 - market differentiation
- **Our Nation**
 - ~\$150 billion of utility savings added to economy
 - ~1 million job-years of additional work
 - 1+ million metric tons of carbon emissions avoided
 - more resilient electric grid with significantly lower peak demand

Zero Energy Ready Home is a certification program for new homes that optimize efficiency, manage related risks, and help ensure future readiness.

What

Step One: Optimize Efficiency	Step Two: Do No Harm	Step Three: Ensure Future Ready
Enclosure	Water Protection	Solar Ready
Equipment	Ensured Comfort	Forthcoming Codes
Appliances/Lighting	Indoor Air Quality	Resilience [Future]

How

Zero Energy Ready Home builds upon existing requirements and verification infrastructure from less rigorous but complementary federal government new home labeling programs.

