

U.S. DOE Efficient New Homes Program

Single Family Version 2 | Builder and Developer Fact Sheet

Why Build DOE Efficient New Homes?

- Every home is efficient, healthy, comfortable, and durable
- Third-party inspections guarantee quality and ensure delivered value
- Federal recognition provides a competitive advantage
- Improved thermal comfort assures customer satisfaction
- Incentive funding options contribute to cost effectiveness for builders

"Every client we have worked with has become an advocate... Our business is steadily growing."

– **DOE Efficient New Homes Builder**

Single Family Version 2: Home Types

Site-built or modular detached single-family homes, detached duplexes, and townhouses.



Every DOE Efficient New Home must first earn **ENERGY STAR** and **Indoor AirPlus** certifications from the U.S. Environmental Protection Agency (EPA).

As the federal government's highest efficiency voluntary residential building certification, DOE Efficient New Homes builds on EPA's programs to provide outstanding energy savings, comfort, health, and durability by including these additional features:



Building Thermal Envelope

All components meet insulation levels from the '21 or '24 IECC.



High-Performance Windows

Maximize comfort and energy savings, with SHGC limits in warmer climate zones.



Heating and Cooling System

Ducts and air handlers are located in conditioned space.



Efficient Water Heating

Hot water delivery systems minimize pipe runs, use high-efficiency heaters and fixtures, or the home earns EPA's WaterSense certification.



Fresh Air System

Heat or energy recovery ventilators for cold climates.



ENERGY STAR Appliances

Installed refrigerators, dishwashers, clothes washers, and clothes dryers are ENERGY STAR certified.



LEDs

All installed lighting fixtures are LEDs.



Fuel Choice Compatible and Electric Ready

Circuit and/or conduit provided for future installation of electric space and water heating.



Electric Vehicle Ready

Powered 240 Volt/30Amp receptacle in every garage.



Solar Ready

Space provided for a future solar array on homes with at least 500 ft² of unshaded, south-facing roof area.



Since 2013, **over 58,000 single family homes** have been certified across the country, with over **40% growth** in total certifications in 2024.

High Performance is Cost Competitive

- Many components of a DOE Efficient New Home simply require careful planning and attention to detail and **do not add material costs**.
- Advanced technologies can help **reduce energy bills** over the equipment lifetime.
- High levels of energy efficiency reduce utility bills, **saving consumers money**.

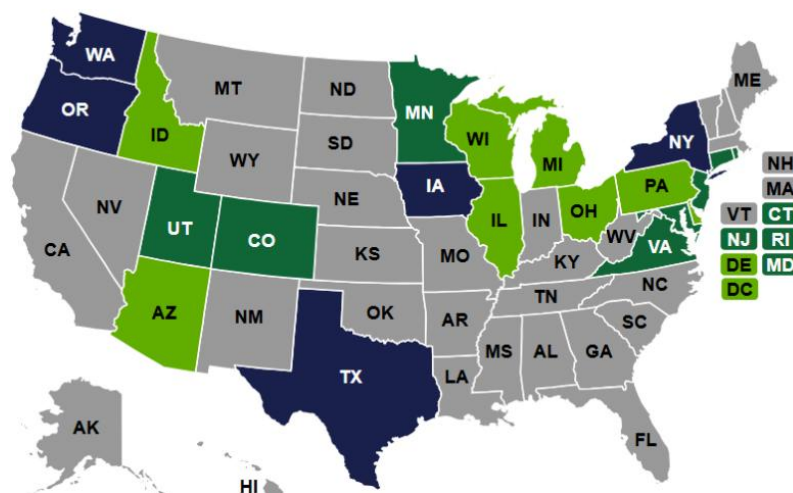
"The voluntary [Efficient New Homes] program more than pays for itself by allowing us access to rebates and tax incentives that improve [our] profits significantly. What's more, as a small builder we simply can't compete with large Wall Street builders unless we can differentiate our homes from the others."

– **DOE Efficient New Homes Builder**

Incentives for DOE Efficient New Homes

Many state and local utilities offer incentives to DOE Efficient New Home builders. In addition, DOE Efficient New Homes is embedded into other voluntary programs such as Phius, LEED for Homes, and Enterprise Green Communities Plus.

DOE Efficient New Homes is included in LIHTC Qualified Allocation Plans, nationwide financing programs, and other local and regional building programs across the country.



What's Next?

If you've built ENERGY STAR or Indoor AirPlus certified homes and you're looking for the next step towards quality, efficiency, and durability, then you're ready for the Department of Energy's rigorous requirements. Find a Rater using the Partner Locator on the DOE Efficient New Homes website to help you get started!