



Built to last. Built to save.

Premier Home
Energy Efficient by Design



Are you in the market for a new home? High-performance new homes that qualify for our Residential New Construction Program are some of the highest-quality and most energy-efficient homes being built in the United States today.

Through the program, builders in the Duke Energy Progress territory have elected to improve the energy efficiency of their homes well beyond the current building code. In fact, the increased energy efficiency measures of each home have been evaluated as the most cost-effective measures for achieving an additional 15 to 20 percent in energy efficiency beyond minimum code requirements. **This means you'll be saving money on your energy bills month after month.**

Know your score.

Independent, nationally accredited Home Energy Rating System (HERS) Raters verify that these homes meet program standards and achieve low scores on the HERS Index. The HERS system is a measure of a home's energy efficiency. Lower scores mean lower energy bills.

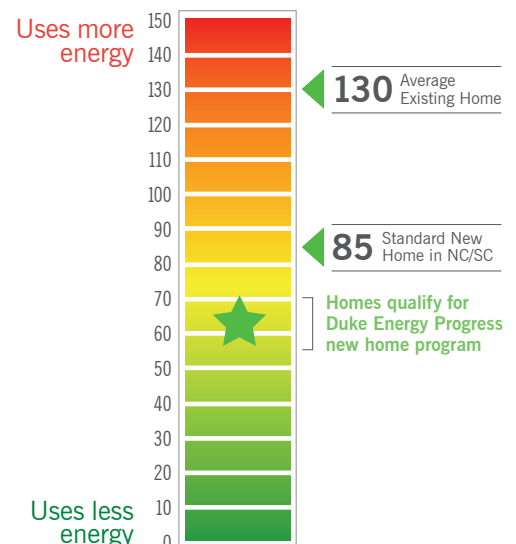
According to the U.S. Department of Energy, a typical resale home scores 130 on the HERS Index. Currently, a standard new home in the Duke Energy Progress service territory scores 85. The average score of new homes in our Residential New Construction Program is between 70 and 55, making them some of the most energy-efficient homes on the market today.

Make a better investment.

Although many of the energy-efficient features are behind the walls of these homes, the everyday benefits are hard to miss.

- Increased energy efficiency
- Lower monthly energy bills
- Better built, higher-quality home
- Increased comfort

HERS Index Home Energy Rating System





Built to save energy.

Better construction makes the difference. Some of the key energy-saving features of these homes include:

- **Increased insulation** – Participating builders must install increased insulation R-values and use enhanced insulation techniques to help minimize voids and gaps and reduce drafts. The installation of insulation throughout the home is verified and graded by the HERS Rater to ensure the utmost energy efficiency value for your home.
- **A tighter building shell** – Numerous air leaks can make a home uncomfortable and increase energy bills. Most leaks are in places such as around pipes and air ducts that go into the attic. Our Residential New Construction Program requires the builder to seal those places where pipes and ducts leave the house. The amount of air leakage is quantified by the HERS Rater during the blower door test. This independent verification ensures that your home's building shell is at least 20 percent tighter than building code requirements.
- **Greater HVAC duct performance** – Duct systems must be designed and installed so that the right amount of air reaches every room. To ensure that your heating, ventilation and air conditioning (HVAC) ductwork operates properly, the HERS Rater performs a duct blaster test to check for leaks. This ensures that homeowners benefit from the maximum efficiency and capacity of the home's HVAC system. In fact, all program-qualifying homes have duct systems that perform 33 percent more efficiently than those designed to building code requirements.
- **High-efficiency windows** – The windows required under the program have a special coating that reduces heat going through the glass. These high-efficiency low-e (low emissivity) windows make it easier to keep the house warm in the winter and cool in the summer. The coating also helps address any fading effect that sunlight may have on carpets, drapes and furnishings in the house. The special coating is practically invisible, so you will probably never notice that it is there.

Due to the energy-saving features and low HERS Index Scores of these homes, many qualify for a three-year **Heating & Cooling Energy Usage Limited Guarantee**. Be sure to ask your builder for details on the guarantee.

Complete program information is available at duke-energy.com/mynewhome.

*Qualifying homes meet or exceed the 2012 NC Energy Conservation Code High Efficiency Residential Option which is administered by a third party in collaboration with Duke Energy Progress.