



# McNaughton Homes (mcnaughtonhomes.com)

## ZERH Model Home

<b>Location</b>	Enola, PA
<b>Layout</b>	2 story, 4 bedrooms, 3.5 baths
<b>HERS® Index Score</b>	49
<b>Estimated Monthly Bill</b>	\$143
<b>Estimated First-Year Savings</b> (compared to Code Home)	\$509
<b>Energy Contractors</b>	
<b>Rater</b>	TopBuild Home Services <i>topbuild.com</i>
<b>Mechanical</b>	Central Penn Plumbing Service, Inc <i>centralpennplumbing.com</i>
<b>Air Sealing</b>	American Hungerford Building Products <i>truteam.com/branches/pa/ mechanicsburg/685</i>

### Key features:

- 1. Weather resistant:** Building wrap and specialty tapes protect walls and window openings when properly installed. This is critical so the home can shed rain caused by severe weather.
- 2. Roof trusses and air sealing:** Raising the roof 12" above the outside walls allows the attic insulation to do its job properly. Air sealing the soffit baffle protects the house from wind washing through the attic insulation and creating cold spots.
- 3. Tankless water heating:** This 93% efficient tankless water heater means you'll never run out of hot water.
- 4. HVAC:** This 96% efficient furnace is top of the line technology with 3 heating and cooling zones.
- 5. Ventilation:** This efficient energy recovery ventilator (ERV) provides fresh air year-round. It reduces indoor air pollutants like VOCs, bacteria, viruses and odors.
- 6. Solar:** In order to make this a Zero Energy Ready Home, the builder flipped the floor plan, so the garages and their roofs are now on the left side facing south.
- 7. Extra details:** The solar tube is a fun and practical way to bring the sun into the middle of the house. Even on cloudy days, the solar tube lights up the master bathroom.



### Learn more:

Visit [ppl electric.com/performancepilot](http://ppl electric.com/performancepilot) for more information.

Estimated bill and savings based on expected appliance usage in energy-efficient model home. PPL Electric Utilities and their partnering suppliers make no guarantee of usage, costs or savings and are not responsible for any variation in actual usage, costs or savings from this estimate.





# Not all homes are created equal



## Zero Energy Ready Homes — Compared with other standards

We all know the phrase “Home is where the heart is,” but homes should also be safe, healthy and affordable. PPL Electric Utilities is proud to sponsor four different energy model homes this year. All are Zero Energy Ready Homes (ZERH), one of the most rigorous home certifications in the USA.

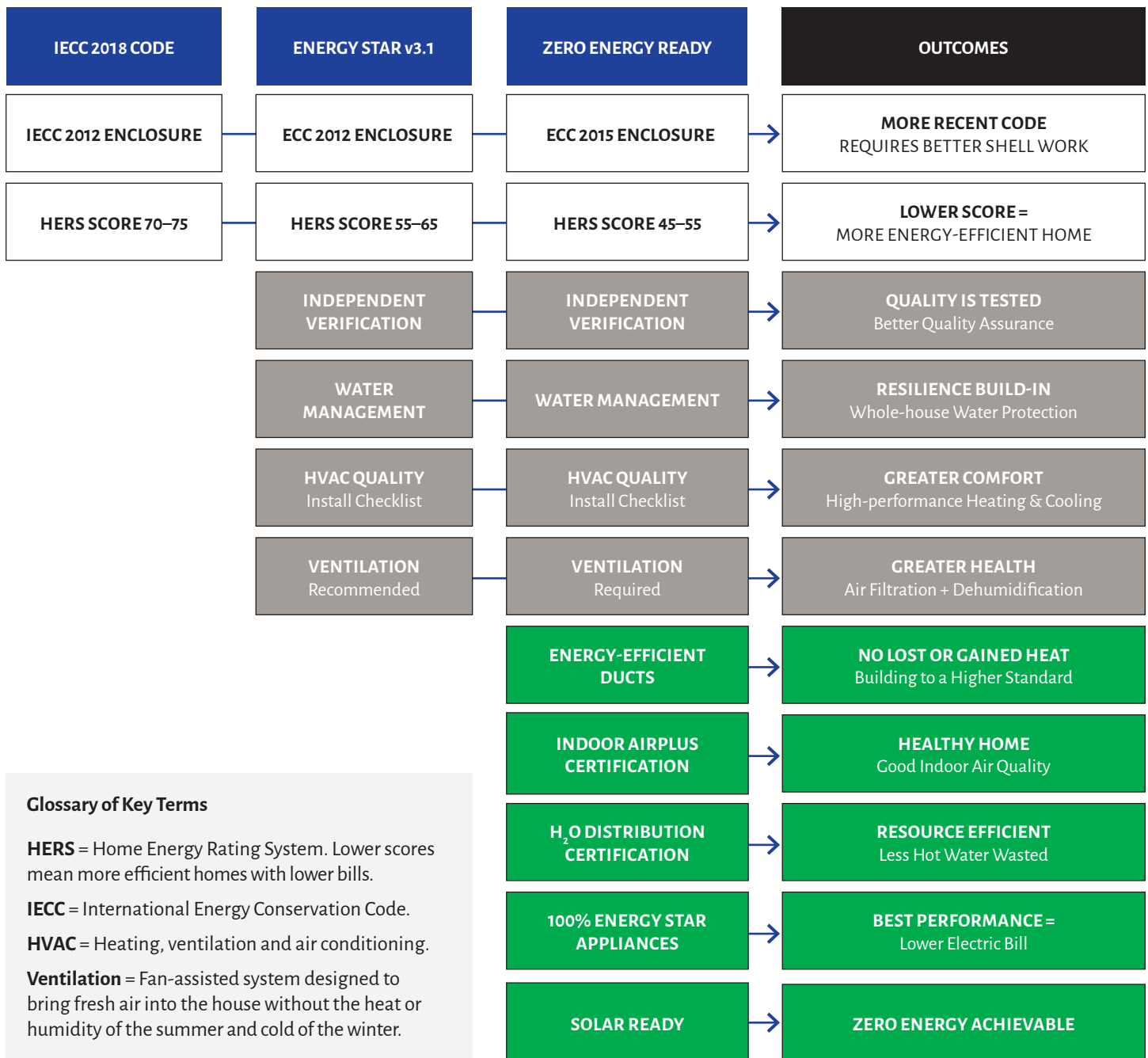
**Code Homes** set the minimum standard for health, safety, durability and energy efficiency.

**ENERGY STAR® Homes** are 10–20% more energy efficient than code homes.

**DOE – Zero Energy Ready Homes** raise the bar even further and prepare the home for a solar electric system.

The graphic below shows these three home certifications. Each step right adds value to your home and your living experience.

The **gray boxes** show the benefits of an ENERGY STAR certified home and a ZERH. The **green boxes** show the extra benefits of a ZERH.



### Glossary of Key Terms

**HERS** = Home Energy Rating System. Lower scores mean more efficient homes with lower bills.

**IECC** = International Energy Conservation Code.

**HVAC** = Heating, ventilation and air conditioning.

**Ventilation** = Fan-assisted system designed to bring fresh air into the house without the heat or humidity of the summer and cold of the winter.