



Healthy Communities

The Ridge | Williamsburg, VA



PROJECT DATA

- **Layout:** 4 bed, 5.0 bath, 2 fl, 5482 ft²
- **Climate:** 2015 IECC Mixed Humid East
- **Category:** Custom

Modeled Performance Data

- **ERI:** without PV 44
- **Annual Energy Costs:** without PV \$2,700
- **Annual Energy Cost Savings:** without PV \$5,400
- **Annual Energy Savings:** without PV 24,700 kWh
- **Savings in the First 30 Years:** without PV \$226,600

TESTIMONIAL

One of the most rewarding aspects of living in The Ridge is the incredible indoor air quality. As a family with three bird dogs, we've noticed a significant improvement in our health and comfort, making allergies a thing of the past... The Ridge is not just a structure; it's our sanctuary.

- Homeowner

KEY FEATURES

- Compact (core) plumbing design
- Energy / Heat recovery ventilator
- Electric Vehicle Charger Installed or Wired for Charger
- Heat pump water heater
- High-performance wall with continuous insulation
- Photovoltaics
- Raised-heel trusses
- Sensor controls for better indoor air quality
- Unvented insulated attic
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25
- Hot Water Recirculation Pump

CONTACT

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<https://healthycommunitiesva.com/>



U.S. DEPARTMENT
of **ENERGY**

Office of Critical Minerals
and Energy Innovation

For more information on the DOE Efficient New Homes program:

<https://www.energy.gov/eere/buildings/doe-efficient-new-homes-program>