



Healthy Communities

Zero Energy Ready Home Pathway to Decarbonization | Williamsburg, VA



PROJECT DATA

- **Layout:** 3 bed, 2.5 bath, 1 fl, 1869 ft²
- **Climate:** 2021 IECC Mixed Humid
- **Category:** Production

Modeled Performance Data

- **ERI:** with PV 1

TESTIMONIAL

I was drawn here because of the energy-efficient homes, especially the solar panels – which I love since my electric bills are now only \$6.48. The house has a great ERV and HVAC system, which keeps my house comfortable – cool in the summer and warm in the winter and I have very few problems with having to change the thermostat.

- Homeowner

KEY FEATURES

- All-electric home
- Compact (core) plumbing design
- Energy / Heat recovery ventilator
- Heat pump water heater
- High-efficiency variable-speed heat pump
- Photovoltaics
- Raised-heel trusses
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25

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>