



# Charis Homes LLC

The Dover Zoar Home | Ellicott City, MD



## PROJECT DATA

- **Layout:** 3 bed, 2.0 bath, 1 fl, 4929 ft<sup>2</sup>
- **Climate:** 2009 IECC Cold South
- **Completed:** 2024-09-07
- **Category:** Custom

### Modeled Performance Data

- **ERI:** without PV 47
- **Annual Energy Costs:** without PV \$2,004
- **Annual Energy Cost Savings:** without PV \$2,300
- **Annual Energy Savings:** without PV 20,830 kWh
- **Savings in the First 30 Years:** without PV \$95,900

## KEY FEATURES

- All-electric home
- Cold-climate heat pump
- Heat pump water heater
- Insulated concrete form (ICF) walls and/or foundation
- Sensor controls for better indoor air quality
- ACH 50 < 2.5 or CFM50/SF of enclosure ? 0.25
- Hot Water Recirculation Pump

## CONTACT

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<https://www.charishomes.com/>



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and Energy Innovation

For more information on the DOE Efficient New Homes program:  
<https://www.energy.gov/eere/buildings/doe-efficient-new-homes-program>