Imery & Co
High-Performance Bungalow | Athens, GA | ImeryGroup.com

"We set out to design...a home that would consume very little energy...last a long time... have great indoor air quality and... be consistently comfortable year round no matter where they are in the house.” LG Squared Archi+Techs

KEY FEATURES

- Walls: 24” o.c., advanced framed, R-23 blown fiberglass, 2 layers of R-5 foam sheathing, 1x furring behind cladding.
- Roof: Coated sheathing, two layers rigid foam above deck, ice-and-water shield, furring strips, ENERGY STAR cool metal roof.
- Attic: Unvented attic, R-38 blown fiberglass netted to underside of roof deck.
- Foundation: R-10 rigid foam under slab and at slab edge.
- Windows: Wood-fiberglass-framed, double-pane, low-e3, U=0.35 and SHGC=0.25.
- Air Sealing: 0.51 ACH 50.
- Ventilation: Continuous fan exhausts to attic.
- HVAC: Ducted mini-split heat pumps, 16 SEER, 9.2 HSPF, in conditioned attic.
- Hot Water: 50-gal heat pump water heater, 2.4 EF.
- Lighting: 50% CFL.
- Appliances: ENERGY STAR refrigerator, dishwasher, clothes washer.
- Renewables: 6.3 kW PV.
- Water Conservation: WaterSense fixtures.
- Other Measures: EPA Indoor AirPlus.

PROJECT DATA

- Layout: 3 bdrm, 2.5 bath, 1 fl, 2,194 ft²
- Climate: IECC 3A, mixed-humid
- Completed: October 2015
- Category: custom for buyer

MODELED PERFORMANCE DATA

- HERS Index: without PV 41, with PV 6
- Projected Annual Energy Costs: without PV $650, with PV $202
- Projected Annual Energy Cost Savings: (vs home built to 2009 IECC) without PV $1,281, with PV $1,896
- Annual Energy Savings: without PV 21,353 kWh, with PV 31,610 kWh

CONTACT

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For more information on the DOE Zero Energy Ready Home program, go to http://energy.gov/eere/buildings/zero-energy-ready-home or scan the QR code.