



Imery & Co

High-Performance Bungalow | Athens, GA | ImeryGroup.com



Photos courtesy of Imery & Co

“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



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

Luis Imery
limery@imerygroup.com
770-294-1014

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.
- **Energy Management System:** Internet monitoring.
- **Other Measures:** EPA Indoor AirPlus.

