DP Construction
Pebble Creek | Prattville, AL | Facebook.com/DPConstruction

"With no additional cost upfront...homeowners...are able to move in and instantly reap the benefits of owning such an efficient and sustainable home." Dow Perry, owner, DP Construction

PROJECT DATA
- Layout: 4 bdrm, 2.5 bath, 2 fl, 3,021 ft²
- Climate: IECC 3A, hot-humid
- Completed: November 2015
- Category: custom spec

MODELED PERFORMANCE DATA
- HER Index: without PV 45
- Projected Annual Energy Costs: without PV $1,124
- Projected Annual Energy Cost Savings: (vs home built to 2009 IECC) without PV $910
- Annual Energy Savings: without PV 12,912 kWh

KEY FEATURES
- Walls: 2x6, 24" o.c., advanced-framed, 5.5" open-cell foam in cavity, 7/8" R-21 OSB sheathing, 1.5" soy open-cell spray foam over sheathing, brick veneer.
- Roof: 7/8" OSB decking, roofing felt, fiberglass shingles.
- Attic: Unvented attic with 11" R-42 soy open-cell spray foam on underside of roof deck, 5.5" in vaulted ceilings, 7/8" OSB, roofing felt, fiberglass shingles.
- Foundation: Uninsulated slab on grade.
- Windows: Double-pane, vinyl-framed, low-e, U=0.33, SHGC=0.26.
- Air Sealing: 1.4 ACH 50.
- Ventilation: Moisture-activated bath exhaust fans.
- HVAC: 4 wall-mounted mini-split ductless heat pumps, 18.4 SEER, 8.7 HSPF.
- Hot Water: 50-gallon heat pump water heater, 2.40 EF.
- Lighting: 90% CFL, 10% LED.
- Appliances: ENERGY STAR dishwasher, refrigerator.
- Solar: Pre-wired for solar.
- Water Conservation: Button-operated on-demand hot water pump.
- Energy Management System: None.
- Other: Low-VOC paint and carpet.

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.