



# DP Construction

Choctaw Ridge | Prattville, AL | Facebook.com/DPConstruction



Photos courtesy of DP Construction

“The biggest reward with DOE ZERH construction is creating something... that will be there for a long time for the good.” *Dow Perry, owner, DP Construction*



## PROJECT DATA

- **Layout:** 3 bdrm, 2 bath, 1.5 fl, 1,664 ft<sup>2</sup>
- **Climate:** IECC 3A, hot-humid
- **Completed:** December 2015
- **Category:** custom for buyer

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 57
- **Projected Annual Energy Costs:** without PV \$995
- **Projected Annual Energy Cost Savings:** (vs home built to 2009 IECC) without PV \$578
- **Annual Energy Savings:** without PV 8,096 kWh

## KEY FEATURES

- **Walls:** R-22: 2x4 and 2x6, advanced framed, 3.5" open-cell spray foam in cavities, 7/16 OSB, house wrap, 2x2 batten rainscreen, 1" closed-cell soy spray foam over battens, metal and cypress siding.
- **Roof:** Cathedral ceilings with exposed pine decking. Full ice-and-water shield over decking, 1x4 purlins screwed over 6" PVC sleeves, 5.5" R-38.5, closed-cell soy spray foam over roof and walls.
- **Attic:** None.
- **Foundation:** Uninsulated monolithic slab-on-grade.
- **Windows:** Double-pane, low-e, argon-fill, SHGC=0.29, U=0.32.
- **Air Sealing:** 2.2 ACH 50.
- **Ventilation:** ERV.
- **HVAC:** Ductless heat pumps, two indoor, one outdoor unit, 21.7 SEER.
- **Hot Water:** Heat pump water heater.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer, dryer.
- **Solar:** Pre-wired for solar.
- **Water Conservation:** All WaterSense faucets.
- **Energy Management System:** None.
- **Other:** Low-VOC paints and stains.

## CONTACT

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