**PROJECT DATA**

- **Layout:** 4 bdrm, 4.5 bath, 2 fl, 2,981 ft²
- **Climate:** IECC 3A, mixed-humid
- **Completed:** July 2016
- **Category:** custom for buyer

**MODELED PERFORMANCE DATA**

- **HERS Index:** without PV 54, with PV NA
- **Projected Annual Energy Costs:** without PV $1,600, with PV $NA
- **Projected Annual Energy Cost Savings:** (vs typical new homes) without PV $1,050, with PV $NA
- **Annual Energy Savings:** without PV 4,100 kWh; with PV NA

**CONTACT**

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**KEY FEATURES**

- **Walls:** 2x6 24” o.c., advanced framed, R-19 open-cell foam; coated sheathing taped at seams, rain screen; shiplap cypress, fiber cement, or brick siding.
- **Roof:** White 80-mil TPO membrane over 1” polyiso rigid foam.
- **Attic:** Unvented attic, with R-19 open-cell spray foam underdeck; R-7 polyiso over roof deck.
- **Foundation:** Slab-on-grade, uninsulated.
- **Windows:** Fiberglass-framed, double-pane, low-e, U=0.28 and SHGC=0.22.
- **Air Sealing:** 1.2 ACH 50.
- **Ventilation:** Air cycler.
- **HVAC:** Small-duct high-velocity heat pumps, 12.1 SEER, 7.4 HSPF.
- **Hot Water:** One 50-gal heat pump water heater (EF 2.4) and one 50-gal electric water heater with R-7 insulation blanket.
- **Lighting:** 95% LED interior, 100% LED exterior.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer.
- **Solar:** Solar ready.
- **Water Conservation:** WaterSense fixtures. Compact plumbing design with short runs from two water heaters.
- **Energy Management System:** None.
- **Other:** EPA Indoor airPLUS and EarthCraft Sustainable Program. Storm shelter in home. Electric panel will support solar battery storage and gas generator.

"I have always suffered from allergies...I come home and my odorless fresh space speaks for itself - no mold, no breathing problems, no fumes, and no itchy eyes. I’m definitely happy.” Home owner