**PROJECT DATA**

- **Layout:** 3 bdrm, 3.5 bath, 2 fls, 2,821 ft²
- **Climate:** IECC 4A, mixed-humid
- **Completed:** April 2019
- **Category:** production

**MODELED PERFORMANCE DATA**

- **HERS Index:** without PV 53
- **Annual Energy Costs:** without PV $2,450
- **Annual Energy Cost Savings:** (vs typical new homes) without PV $2,450
- **Annual Energy Savings:** without PV 20 MMBtu
- **Savings in the First 30 Years:** $117,800

**CONTACT**

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**KEY FEATURES**

- **Walls:** 2x6 24” o.c., panelized wall system, advanced framing, R-23 total: insulated headers, 2 and 3-stud corners, in cavity - R-23 netted and blown fiberglass; on exterior - ⅞” coated OSB sheathing, vinyl siding, shaker panels; no plumbing or HVAC in exterior walls.
- **Roof:** Gable roof; ⅞” OSB sheathing, 15-lb roofing paper, ice-and-water shield flashing in valleys, ENERGY STAR Cool Roof certified shingles and metal roofing.
- **Attic:** Vented attic, 16.25” R-49 blown fiberglass, R-38 fiberglass batts, 18” raised heel trusses.
- **Foundation:** Unvented crawlspace, poured concrete walls, liquid-applied water proofing, 4” clean gravel floor, 10-mil vapor barrier, 2” R-10 XPS foam on interior of walls, R-19 open-cell spray foam in band joists.
- **Windows:** Double-pane, argon-filled, low-e, vinyl double-hung frames, U=0.28, SHGC=0.19.
- **Air Sealing:** 2.7 ACH 50.
- **Ventilation:** Exhaust only, MERV 13 filters.
- **HVAC:** Propane furnace, 97.7% AFUE; air-source heat pump, 18 SEER, 9.6 HSPF.
- **Hot Water:** Gas tankless, .82 EF; central manifold with PEX piping.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator and microwave.
- **Solar:** Solar ready.
- **Water Conservation:** WaterSense-labeled fixtures and toilets.
- **Energy Management System:** Wi-Fi-enabled thermostats.
- **Other:** Low-VOC products, National Green Build Standard gold-level certified.

"My 4 year old used to get sick all the time, and now... no more trips to the hospital!!!" Insight home owner

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.