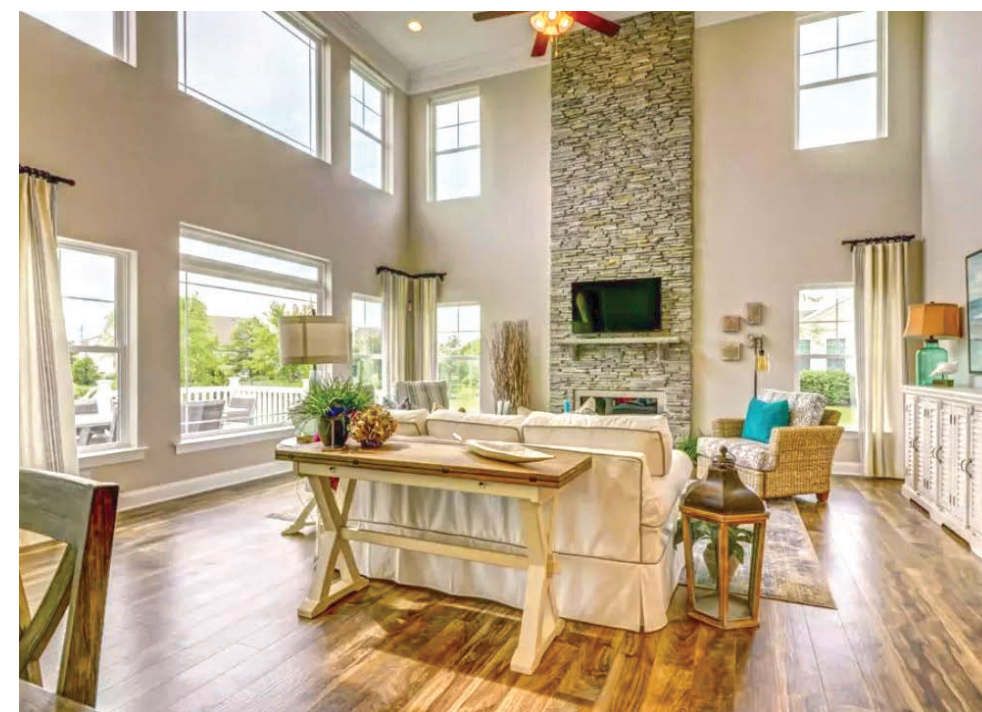




Photos courtesy of Insight Homes.

“THIS IS a better home.” *Home owner*



## PROJECT DATA

- **Layout:** 5 bdrm, 3 bath, 2 fl, 3,320 ft<sup>2</sup>
- **Climate:** IECC 4A, mixed-humid
- **Completed:** February 2018
- **Category:** production

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 52; with PV NA
- **Annual Energy Costs:** without PV \$2,700; with PV \$NA
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$3,250; with PV \$NA
- **Annual Energy Savings:** without PV 50 MMBtu; with PV NA
- **Savings in the First 30 Years:** \$158,600

## CONTACT

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## KEY FEATURES

- **Walls:** 2x6 24" o.c., advanced framed, R-23 netted fiberglass, 7/16" coated taped sheathing, vinyl siding.
- **Roof:** 7/16" OSB sheathing, 15-lb felt, ice-and-water shield in valleys, architectural shingles or standing seam metal roofing; 15" overhangs.
- **Attic:** Vented attic with 18" raised heels; 16.25" R-49 blown fiberglass. Foam sealing of all top plates and penetrations.
- **Foundation:** Unvented, conditioned crawlspace, 10-mil poly vapor barrier; 2" R-10 XPS on interior of walls; R-19 open-cell spray foam in band joist.
- **Windows:** Double-pane, low-e, argon-filled, vinyl frames, U=0.28, SHGC=0.19.
- **Air Sealing:** 1.9 ACH 50.
- **Ventilation:** Exhaust-only, programmed to meet ASHRAE 62.2, MERV 13 filters.
- **HVAC:** Dual-fuel heat pump, 18 SEER, 9.6 HSPF; 97.7% AFUE propane furnace, extended cooling cycle; insulated flex ducts.
- **Hot Water:** Propane tankless water heater, .82 EF; manifold plumbing.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator.
- **Solar:** None.
- **Water Conservation:** WaterSense fixtures.
- **Energy Management System:** Wi-Fi enabled, programmable thermostat.
- **Other:** Low-VOC products, National Green Building Standard gold level certified; central vacuum; termite treatment.

