# Garbett Homes

The Dali at Englefield Heights | West Jordan, UT | GarbettHomes.com

U.S. DOE ZERO ENERGY READY HOME 2018 WINNER Housing Innovation Awards

Photos courtesy of Garbett Homes

"We love it. It has exceeded our expectations." *Home owner*

## PROJECT DATA

- **Layout:** 5 bdrm, 3 bath, 1 fl + bsmt, 2,805 ft$^2$
- **Climate:** IECC 5B, cold
- **Completed:** July 2017
- **Category:** production

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 54; with PV NA
- **Annual Energy Costs:** without PV $1,150; with PV $NA
- **Annual Energy Cost Savings:** (vs typical new homes) without PV $700; with PV $NA
- **Annual Energy Savings:** without PV 3,400 kWh, 400 therms; with PV NA
- **Savings in the First 30 Years:** $35,400

## CONTACT

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## KEY FEATURES

- **Walls:** 2x6 24" o.c., advanced framed, 2-stud corners, single headers, drywall clips; R-23 dense-packed blown fiberglass; sprayer-applied sealant at top and bottom plates; house wrap.
- **Roof:** Asphalt shingles; raised-heel trusses.
- **Attic:** Vented attic, R-60 blown fiberglass; spray foam at top plates and attic heels.
- **Foundation:** Basement with R-22 fiberglass blanket on interior; rim joists spray foamed.
- **Windows:** Double-pane, low-e, vinyl frames, U=0.30, SHGC=0.30.
- **Air Sealing:** 2.0 ACH 50; sprayer-applied drywall gasket and top and sill plate sealant.
- **Ventilation:** Continuous ERV and bath fan; MERV 8 filter.
- **HVAC:** 96.5% AFUE multi-stage gas furnace with ECM motor; 15 SEER air conditioner; all ducts and air handlers in conditioned space.
- **Hot Water:** 93% efficient tankless gas.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator and dishwasher.
- **Solar:** Solar ready.
- **Water Conservation:** Low-flow fixtures; push-button recirculation pump. Low-water landscaping, drip irrigation.
- **Energy Management System:** Programmable thermostat.
- **Other:** Low- or no-VOC paints and adhesives; passive radon mitigation.