



Garbett Construction

Aurora Heights | West Jordan, UT | GarbettHomes.com



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"Building a sustainable future for our customers, employees, and the environment—The DOE ZERH program helps us do that." *Builder*



PROJECT DATA

- **Layout:** 5 bdrm, 3 bath, 1 fl + bsmt, 3,180 ft²
- **Climate:** IECC 5B, cold
- **Completed:** March 2021
- **Category:** Production

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 44
- **Annual Energy Costs:** without PV \$950
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$350
- **Annual Energy Savings:** without PV 900 kWh, 350 Therms
- **Savings in the First 30 Years:** without PV \$16,600

KEY FEATURES

- **Walls:** 2x6 24" o.c., panelized, R-23 total: advance framed, 5.5" blown fiberglass in cavity, 7/16" OSB, house wrap, 20-gauge stucco netting, 3/8" cement base coat stucco.
- **Roof:** Truss gabled roof: 7/16" OSB sheathing, 1 or 2 layers #15 felt, asphalt shingles.
- **Attic:** 16" vented, R-60 blown-in fiberglass, 12" raised heel energy trusses.
- **Foundation:** Insulated basement: 8" poured concrete, waterproof membrane on exterior, interior framed wall has R-21 blown fiberglass, R-19 batts in rim joists.
- **Windows:** Double-pane, low-e, vinyl frame; U=0.28, SHGC=0.30-0.35.
- **Air Sealing:** 1.60 ACH50, aerosol sealant; drywall gaskets; spray foamed rim joists and top plates.
- **Ventilation:** ERV, MERV 8 filter at the air handler, 1.2 CFM/Watt, 67 SRE, 79 ASRE, 50 ATRE.
- **HVAC:** Gas furnace, 97 AFUE, 13 SEER AC unit, ECM blower, rigid metal, ducts in conditioned space.
- **Hot Water:** Gas tankless, 0.97 UEF.
- **Lighting:** 100% LED.
- **Appliances:** ENERGY STAR refrigerator, dishwasher, clothes washer.
- **Solar:** Solar ready.
- **Water Conservation:** Low-flow fixtures, recirc pump, drip irrigation.
- **Energy Management System:** Programmable thermostat.
- **Other:** EV charging, low/no-VOC wood products, paints, finishes, carpet pad and glue.

CONTACT

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