



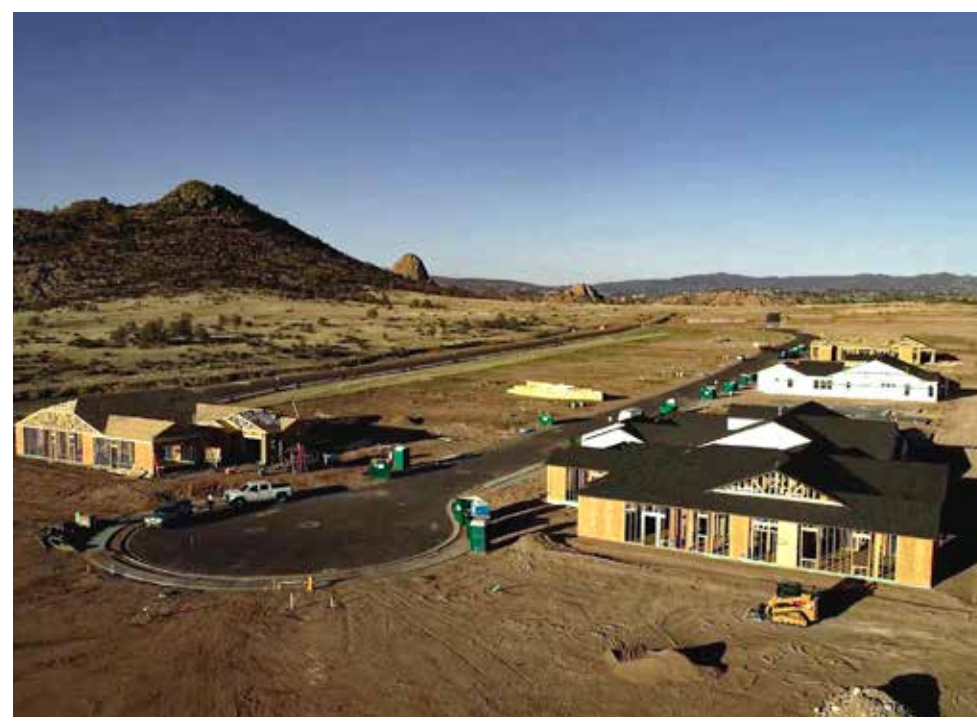
Woodside Homes

Summit at The Dells | Prescott, AZ | WoodsideHomes.com



Photos courtesy of Woodside Homes

“The home I purchased fit my lifestyle and needs perfectly. My favorite feature was how energy-efficient the home is built.” Homeowners



PROJECT DATA

- **Layout:** 3 bdrm, 4 bath, 1 fl, 2,889 ft²
- **Climate:** IECC 4B, mixed-dry
- **Completed:** December 2021
- **Category:** Production

MODELED PERFORMANCE DATA

- **HERS Index:** without PV 49; with PV 13
- **Annual Energy Costs:** without PV \$3,600; with PV \$750
- **Annual Energy Cost Savings:** (vs typical new homes) without PV \$1,600; with PV \$2,850
- **Annual Energy Savings:** without PV 13,500 kWh, 40 therms; with PV 26,200 kWh, 60 therms
- **Savings in the First 30 Years:** without PV \$64,300; with PV \$115,800

CONTACT

Michael Brown
801-718-8943
michael.brown@woodsidehomes.com

KEY FEATURES

- **Walls:** 2x6, 16" o.c. R-21: 5.5" open-cell spray foam, house wrap, R-5 insulation, stucco.
- **Roof:** Truss gable and hip roof: ½" OSB sheathing, asphalt felt paper, shingles.
- **Attic:** Unvented attic, 11" R-33 open-cell spray foam on underside of roof deck.
- **Foundation:** Slab on grade: poured concrete, R-10 rigid foam insulation around slab perimeter.
- **Windows:** Double-pane; low-e; vinyl frame; U=0.29; SHGC=0.23; fixed and single-hung.
- **Air Sealing:** 1.44 ACH50; open-cell spray foamed exterior walls and attic; drywall gaskets at top and bottom plates and openings.
- **Ventilation:** ERV with MERV 13 filters; humidistats in kitchen, baths, laundry.
- **HVAC:** Central air source heat pump, 12 HSPF, 22 SEER, 14 EER; variable-speed compressor, flex duct.
- **Hot Water:** Electric tank, 80-gal, 3.42 EF, recirculation pump.
- **Lighting:** 100% LED lighting with timers.
- **Appliances:** ENERGY STAR dishwasher, refrigerator.
- **Solar:** 6.12-kW rooftop panels, pre-wired for battery storage.
- **Water Conservation:** Whole house is EPA WaterSense certified. Adaptive scheduling recirculation. Drought-resistant landscaping, drip irrigation, smart/predictive irrigation.
- **Energy Management System:** Programmable thermostat.
- **Other:** MPI green performance standard paint.

