Mandalay Homes
The Dells at Cathedral Point | Prescott, AZ | MandalayHomes.com

MODELED PERFORMANCE DATA
• HERS Index: without PV 47, with PV -2
• Projected Annual Energy Costs:
  without PV $1,473, with PV $2,334
• Projected Annual Energy Cost Savings:
  (vs home built to 2012 IECC) without PV $897, with PV $2,334
• Annual Energy Savings:
  without PV 4,206 kWh, 392 therms; with PV 16,081 kWh, 404 therms

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“With the soft sounds of nature just beyond the front yard, it’s hard to believe the Dells isn’t nestled in the countryside. But it’s in the heart of Prescott, close to all that the city has to offer.”
Geoff Ferrell, Manager of Construction and Energy Efficiency, Mandalay Homes

KEY FEATURES
• Walls: 2x6 24” o.c. studs, advanced framing, R-17 spray foam in cavities, R-4 continuous rigid foam exterior, coated 1/2” OSB taped at seams for moisture barrier, stucco siding.
• Roof: ½” coated OSB decking taped at seams, felt, battens, tile roofing.
• Attic: Unvented attic, raised heel trusses, R-25 open-cell foam on underside of roof deck.
• Foundation: 2” R-10 foam at slab edge to 24” deep, on interior of stem wall on conventional slab.
• Windows: Vinyl-framed, dual-pane, argon-filled, low-e, U=0.29, SHGC=0.23.
• Air Sealing: 0.83 ACH 50.
• Ventilation: ERV.
• HVAC: 2-stage 95% AFUE gas furnace, 18 SEER AC, in conditioned attic.
• Hot Water: 95% efficient, natural gas tankless water heater.
• Lighting: 90% LED, 10% CFL, motion sensors, ENERGY STAR ceiling fans.
• Appliances: All ENERGY STAR.
• Solar: Wired for solar.
• Water Conservation: All WaterSense fixtures, and drip irrigation, smart-timed.
• Energy Management System: Automatic controls of HVAC, ventilation, and lighting.
• Other: EPA indoor airPLUS certified, no-/low-VOC paints, stains, adhesives, and flooring.

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.