Mutual Housing California
Mutual Housing at Spring Lake Phase 2 | Woodland, CA | MutualHousing.com

“...sustainable healthy homes that provide a safe and comfortable living environment.” Mutual Housing California

PROJECT DATA

• Layout: 2 bdrm, 2 bath, 1 fl, 943 ft²
• Climate: IECC 3B, hot-dry
• Completed: April 2019
• Category: Affordable Multifamily

MODELED PERFORMANCE DATA

• HERS Index: 29% better than 2016 CA Title 24
• Annual Energy Costs: without PV $1,200; with PV $0 avg./unit
• Annual Energy Cost Savings: (vs typical new homes) without PV $500; with PV $1,700
• Annual Energy Savings: without PV 2,000 kWh; with PV 6,900 kWh
• Savings in the First 30 Years: without PV $20,600; with PV $70,200

KEY FEATURES

• Walls: 2x6, 16” o.c., R-23 total: blown fiberglass cavity insulation, OSB sheathing, house wrap, composite siding.
• Roof: Truss gable roof, radiant barrier, plywood sheathing, asphalt shingles, ES Cool Roof.
• Attic: Vented attic: 17.3” R-49 blown-in fiberglass above ceiling joists.
• Foundation: Slab-on-grade, vapor barrier, drainage, gravel.
• Windows: Double-pane, argon-filled, low-e, vinyl sliding frames, U=0.29, SHGC=0.21.
• Air Sealing: All cracks, penetrations, and gaps in interior and exterior walls, attics, and floors sealed with spray foam; gasket at sill plate.
• Ventilation: Continuous exhaust fans; passive supply air inlets, MERV 11 filters.
• HVAC: Ductless mini-split heat pumps, 10 HSPF, 23 SEER, 12.5 EER. 1 outdoor compressor, 2 indoor air handlers.
• Hot Water: Heat pump water heater, 3.7 UEF, 80-gal. Demand management heats at night.
• Lighting: 100% LED.
• Appliances: ENERGY STAR dishwasher and refrigerator.
• Solar: 166.4 kW, community solar, rooftop panels.
• Water Conservation: Community laundry greywater recycled for irrigation.
• Energy Management System: PV tracking system.
• Other: Accessibility features. Low-VOC paints, sealants, adhesives. CARB-compliant composite wood products. Low-VOC bio-based flooring. LEED platinum.

CONTACT

Vanessa Guerra
916-453-8400
vanessa@mutualhousing.com

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.