Revive Properties/Philgreen Construction
Urban Prairie Street | Fort Collins, CO | Philgreenco.com; ReviveFC.com

layout: 2 bdrm, 2.5 bath, 1 fl, 1,620 ft²
climate: IECC 5B, cold
completed: March 2018
category: production

modeled performance data
• herS index: without PV 48; with PV -11
• annual energy costs: without PV $1,150; with PV $50
• annual energy cost savings: (vs typical new homes) without PV $1,050; with PV $2,150
• annual energy savings: without PV 10,500 kWh; with PV 24,000 kWh
• savings in the first 30 years: $94,200

PROJECT DATA

key features
• walls: 2x6 advanced framed, R-23 blown-in fiberglass in exterior walls. R-20 open-cell spray foam in rim joists.
• roof: ¾” OSB sheathing, ice-and-water shield, drip edge, asphalt shingles.
• attic: R-50, open-cell spray foam on underside of roof deck, unvented.
• foundation: R-10 EPS at slab edge, R-10 EPS under slab.
• windows: Double-pane, vinyl framed, low-e, argon-filled; U=0.28, SHGC=0.17.
• air sealing: 2 ACH 50.
• ventilation: ERV.
• HVAC: Ground-source heat pump, 3.8 COP, 18.7 EER.
• hot water: Electric water heater, 0.98 EF.
• lighting: 100% LED, 2 ENERGY STAR ceiling fans.
• appliances: ENERGY STAR refrigerator, dishwasher, clothes washer, and clothes dryer.
• solar: 9.92-kW PV system.
• water conservation: Dual-flush toilets. Low-water landscaping.
• energy management system: Smart thermostat.
• other: Electric car charging stations. Low-VOC paint. Daylighting.

contact
Susan McFaddin, Revive Properties
970-420-0000 sue@7genllc.com
Dave Phillips, Philgreen Construction,
970-672-0089 dave@philgreenco.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.