



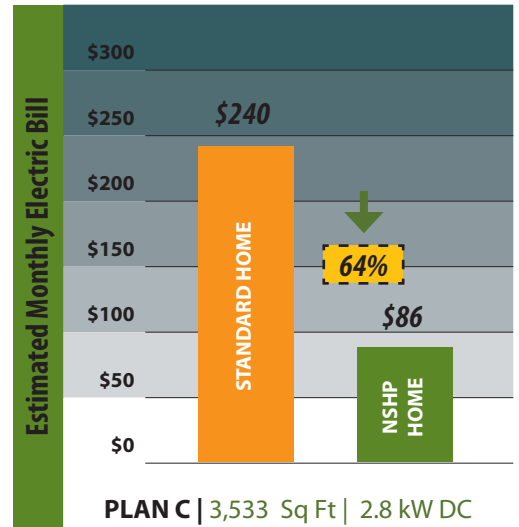
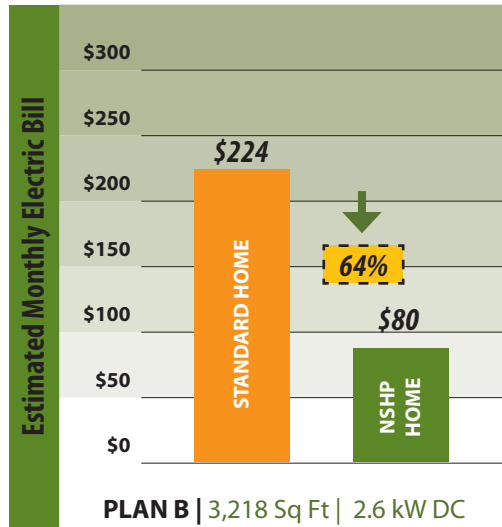
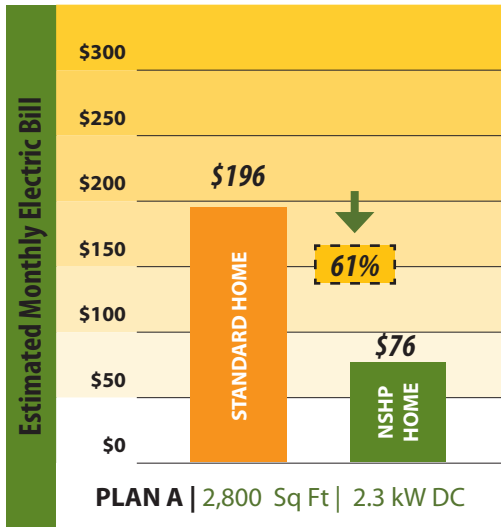
O BEL SOLE!
E S T A T E S

Live Better. Live Green. Live for Less.

Live for Less. *O Bel Sole! homes can help homeowners save up to 60% on utility bills.*

O'Bel Sole! Homes, Presented by K Street L.L.C., Provide Superior Energy Performance

- Increased insulation (R-21 wall, R-49 attic, ducts buried in attic)
- Radiant barrier
- 95% high efficiency furnace
- 16 SEER air conditioner with TXV
- Engineered Heating, Ventilating and Air Conditioning (HVAC) system
- High-performance triple-pane windows
- Fluorescent lighting
- Tankless water heaters
- 2.3-2.8 kW DC photovoltaic (solar electric) system
- Third-part testing and verification of energy features



Calculations of total savings were prepared by ConSol and are based on data from the U.S. Department of Energy. Actual savings may vary, depending on individual energy use. Estimated energy use assumes average weather, thermostat settings, and quantities of hot water for a typical household. Energy costs are based on typical local energy rates. The amount of energy (kWh) produced by the PV system will depend on weather conditions and the amount of sunlight hours available. Although every effort has been made to provide accurate information, this information does not constitute a warranty, expressed or implied, about the energy efficiency or operating costs of these homes.

Live Better. *O Bel Sole!* is a new development, presented by K Street East, L.L.C., consisting of 41 solar-electric powered, energy-efficient and green homes. *O Bel Sole!* homes can help homeowners save up to 60% on utility bills as well as help reduce their impact on the environment.

KEY FEATURES

Appliances Energy Star®

Air Sealing Caulking and sealing measures ensure low air infiltration

Insulation R-21 wall insulation
R-49 roof insulation (at attic)
R-19 roof insulation (at furnace)
R-30 floor insulation (above garage)
Attic Radiant Barrier
R-6 Insulated ducts buried in attic

Windows U-Factor :
0.20 Sliders; 0.16 Fixed
0.33 Patio; 0.40 French Door
SHGG:
0.22 Sliders; 0.24 Fixed
0.34 Patio; 0.40 French Door

HVAC 0.95 AFUE furnace
16 SEER (12.5 EER) AC

Water Heating Two tankless water heaters
0.82 energy factor
Hot water pipe insulation

PV Solar Plan A 2.3kW DC
Plan B 2.6kW DC
Plan C 2.8kW DC

Testing ComfortWise®



Solar Performance Monitoring

This system enables home owners to view and chart their solar electric system energy production, environmental savings, and electricity usage in real time.



Solar Electric System

Solar electric panels are beautifully integrated into the roof tiles of each home. This renewable source of energy provides approximately 42% of the electricity needed to power your home.

Live Green.

Green Features

- Water-Efficient Landscape
- Weather-Based Irrigation Controller
- Engineered Wood Products
- Low-VOC Paints
- Construction Waste Recycling

Third-Party Testing and Verification by Certified Home Energy Rater

- Blower Door Testing for House Airtightness
- Duct Testing for Air Distribution Efficiency
- Verified Quality Insulation Installation
- Central A/C Refrigerant Charge Test

KEY CONTACTS

Building Industry Research Alliance (BIRA)

The Building Industry Research Alliance (BIRA) is a diverse coalition of over eighty industry partners committed to improving energy and resource efficiency in residential housing for the Department of Energy's Building America Program (BAP). The goal of BAP is to build marketable, cost-effective Net Zero Energy Homes across the country by 2020. BIRA, one of the six DOE teams, is led by ConSol.

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California Green Builder (CGB)

The California Green Builder program saves energy, water, and resources –conserving resources, preserving the environment, and measuring the impact.

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ConSol

ConSol, an energy consulting firm, offers energy solutions for production builders and provides the ComfortWise family of energy efficiency programs including: ComfortWise, ComfortWise Green, and ComfortWise Zero Energy Neighborhoods.

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Demand Responsive Emerging Technologies (DRET)

As part of the energy efficiency plan for each home, this development is also participating in Southern California Edison's (SCE) third party program, Demand Responsive Emerging Technologies, administered by ConSol. As part of this program, each home utilizes ducts buried in attic insulation, refrigerant charge verification and a verified low-leakage duct system. These proven technologies are being studied to help broaden their utility within the residential market.

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New Solar Homes Partnership (NSHP) initiative

The California Solar Initiative was approved by the California Public Utilities Commission (CPUC) creating a ten-year program to put solar on a million roofs in the state. The California Energy Commission will manage the New Solar Homes Partnership (NSHP) and will work with builders and developers to incorporate high levels of energy efficiency and high-performing solar.

www.gosolarcalifornia.ca.gov/nshp/
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