

'Net zero energy' house runs on sunlight

2nd self-sufficient home introduced

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Tucson homebuilder John Wesley Miller unveiled his company's second "net zero energy" home Monday at Armory Park del Sol near Downtown.

Zero net energy homes consume the same amount of energy they produce.

The 2,168-square-foot, all-electric home showcased Monday, at 459 S. Third Ave., features photovoltaic panels — which produce electricity from sunlight — high-efficiency appliances, and a rainwater-harvesting system.

Though the home is self-sufficient, it doesn't come cheap — it carries a price tag of \$775,000. The home also features a three-car garage, a workshop, and granite countertops and is fully wheelchair accessible.

Gov. Janet Napolitano presented an Arizona Innovation Award to the John Wesley Miller Cos. for its work in building zero-energy homes. Other homes in Armory Park del Sol feature energy-saving design and features.

The Tucson development was built with the help of the National Association of Home Builders Research Center and Tucson Electric Power Co. All homes are built to the high energy-efficiency requirements of TEP's Guarantee Home Program.