



Photo courtesy of Kennecott Land

Kennecott Parade of Homes

Kennecott Land, a subsidiary of Kennecott Utah Copper, is planning to build 200,000 homes on 93,000 acres west of Salt Lake City over the next 100 years. Daybreak, the first community in this development, located in South Jordan, will consist of up to 20,000 homes. In fact, over 1,000 homes have already been built and sold in the Daybreak community.

Designed using the concepts of New Urbanism and sustainability, every last detail of [Daybreak](#) was planned ahead of time. Every home built in Daybreak must meet ENERGY STAR® standards; community centers and groups were created to improve the quality of life for residents; and advanced water management and recycling programs are in place. Any business decision that Kennecott Land makes is required to be environmentally, socially, and economically sustainable.

Kennecott Land is participating in Salt Lake City's Parade of Homes in August to showcase advanced energy efficiency and renewable energy features. These features will be evaluated for possible integration into the next phase of Daybreak construction. Although relatively new to this project, BIRA has been the driving force for the successful inclusion of many of the efficiency measures and renewable energy features in these homes.

The four homes featured in the Parade of Homes—each built by a different builder—will share a similar highly efficient base design that achieves at least 40% energy savings over the Building America Benchmark. Each builder, however, will showcase different new technologies in their final design: Holmes Homes is looking to compliment their design with a Sanyo Bifacial PV system; Rainey Homes will feature a Bosch solar hot water system; Liberty Homes is hoping to include a WaterFurnace ground source heat pump; and Gold Medallion Homes will feature SIP walls, a PVT (photovoltaic-thermal) system—as featured in last quarter's [BIRAmeter](#)—, and an OASys two-stage evaporative cooler. BIRA has helped to connect these builders with the manufacturers of these products and will continue to support the Kennecott Land project through the Parade of Homes and beyond.



The Building Industry Research Alliance (BIRA), a U.S. Department of Energy Building America team led by ConSol, produces the quarterly BIRAmeter. BIRA works with over 80 partners to produce marketable energy efficient solar homes and communities aimed at net zero energy by 2020. For more information please visit www.BIRA.ws or e-mail BIRA@ConSol.ws.