



**Colorado
Renewable
Energy
Society**

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For Immediate Release

Colorado 2006 Renewable Energy in Buildings Awards

Golden, Colo. – June 28, 2006 – The Colorado Renewable Energy Society (CRES) recognizes five buildings constructed during the last year for their innovative use of energy efficiency and renewable energy through its seventh annual Colorado 2006 Renewable Energy in Buildings Awards. The awards are in the categories of institutional buildings, multifamily buildings, general housing, affordable housing, and off-grid housing where there is no power line connected to the utility. CRES will present the awards at the Solar 2006 Conference on Monday, July 10 at noon at the Adams Mark Hotel in Denver. The conference runs from July 8 – 13 and is national conference of the American Solar Energy Society for 2006.

Colorado Springs Utilities Environmental Services Laboratory in Colorado Springs is the winner in the category of institutional buildings. CRES recognizes Colorado Springs Utilities (CSU); RNL Design in Denver, architect; RMH Group in Denver, who were part of the design team and project lead; and Ambient Energy in Golden, who were the energy consultants on the project. This building will cost CSU \$50,000 less per year in energy bills than its previous laboratory building. To underscore its commitment to sustainability, CSU obtained a silver certification from the Green Building Council's Leadership in Energy and Environmental Design (LEED) for the building. It is the first laboratory in Colorado to obtain LEED silver. To achieve this certification, CSU had to design the laboratory for maximum energy efficiency, use as many recycled and locally produced materials as possible, and take advantage of renewable energy. For details on the project, contact Renee Azerbegi by phone at 303-278-1532 or via email at renee@ambient-e.com.

The Solar Village Prospect in Longmont is the winner in the category of multifamily housing developments. CRES recognizes Solar Village, LLC in Boulder, project developer; Travel Weise Architecture and Urban Design, architect; and DMW Realty and Development Company in Boulder; general contractor. This project is a new condominium consisting of studio and one- and two-

bedroom units that will have very low utility bills and innovative use of solar energy systems. For more information, contact Mark Kostovny by phone at 303-247-9400 or via email at mark@solarvillagelife.com.

The Solar Harvest Home in Boulder is the winner in the category of general housing. CRES recognizes a project team led by Eric Doub and Catherine Childs in Boulder, who are the project designers and building owners. This home is the first net-zero energy home in Boulder and is the most energy efficient home ever measured in Colorado. It measured a score of 97.7 out of a possible 100 points on a home energy rating in March 2006, which is the highest score out ever of 30,000 home energy ratings performed in Colorado. The home obtains all of its heating from solar energy and has no backup heating source from fossil fuels. It also has no air conditioner. It features passive solar design, solar hot water panels, solar power from photovoltaic modules, and geothermal heating and cooling. For more information on the project, contact Eric Doub by phone at 303-415-9694 or via email at jpayne@ecofuturesbuilding.com.

The NREL / Habitat for Humanity Zero Energy Home in Arvada is the winner in the category of affordable housing. CRES recognizes Paul Norton at the National Renewable Energy Laboratory (NREL) in Golden, who will present a paper on this project at the Solar 2006 Conference in Denver. Volunteers, most of whom work at NREL, built the project almost entirely. During the first three months of performance monitoring in 2006, it produced 35% more energy than it consumed. It was built under the auspices of Denver Habitat for Humanity for low-income occupants; the design is simple and organized to be built at low cost – less than \$90 per square foot. For information, contact Paul Norton by phone at 303-384-7545 or via email at Paul_Norton@nrel.gov.

The Larson Home in Golden is the winner in free-style and off-grid category. CRES recognizes the project team of Walt Kaesler, architect; Ken May of Industrial Solar Technologies in Golden; and builder Doug Larson. The Larson home incorporates the winning solar home built by students at the University of Colorado in the 2002 Solar Decathlon. For more information on this project, contact Ron Larson by phone at 303-526-9629 or via email at rongretlarson@comcast.net.

CRES is a nonprofit association of businesses, the research community, and citizens supportive of clean, affordable energy. For more information about this year's and past award winners, see the CRES Web site at: http://cres-energy.org/newhtml/about_awards.html.

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