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For Immediate Release

Colorado Renewable Energy Society Announces Recipients of its Prestigious Colorado 2002 Renewable Energy in Buildings Awards

Colorado Springs, CO – July 1, 2002 – The Colorado Renewable Energy Society (CRES) honored the winners of its Colorado 2002 Renewable Energy in Buildings Awards in a ceremony yesterday in Colorado Springs. The ceremony was part of the CRES 2002 Conference, which attracted hundreds of people to Colorado College this weekend to participate in lively discussions and learn about the status of renewable energy in the state.

Now in their fourth year, the awards celebrate the most creative use of renewable energy in design and construction. There are winners in residential, commercial, and institutional categories. “This year we’re starting to see some of the best architecture, engineering, and energy firms in the state participate in this award,” said CRES President Megan Edmunds. “These buildings also show how the clever use of sunlight and energy-efficient construction creates attractive and more comfortable interior spaces.”

One winning entry, for example, from the Colorado School of Mines (CSM) estimates energy savings at more than \$20,000 per year compared with a similar building constructed to the minimum energy standards of ASHRAE 90.1 (1989) for commercial and institutional buildings. The building houses classrooms and is called “The Center for Technology and Learning Media,” located on the CSM campus in Golden. The building contains 39,000 square feet of floor area and costs about \$8 million.

The architect, Anderson Mason Dale (AMD) of Denver, used natural local materials in construction and combined natural lighting for interior spaces with controls that dim the electrical lights when sunlight is present. Energy consumption for lighting in the CSM building is 83% less than that of a typical classroom building in which lighting is controlled by timers.

“We are proud of CSM’s new Center for Technology and Learning Media. Its special facilities will allow us to continue at the leading edge of teaching and learning practice in our highly technical disciplines,”

said Dr. John U. Trefny, President of the Colorado School of Mines. “It is also a beautiful, environmentally sensitive building that maximizes the use of natural lighting. This recognition from the Colorado Renewable Energy Society is much appreciated by our planning and construction staff—and the entire school.”

The Colorado 2002 Renewable Energy in Buildings Awards winners for institutional buildings are:

1. The Colorado School of Mines Center for Technology and Learning Media in Golden

CRES presented the award to the building owner of the Colorado School of Mines. CRES also recognized the entire team of construction and design architects, Anderson Mason Dale of Denver; Architectural Energy Corporation, consulting energy engineers of Boulder; Missoula, Montana-based sustainability consultants, Design Balance; and Gordon Gumeson and Associates, Denver-based consulting mechanical engineers. For more information about this project visit the CRES website at: cres-energy.org/reba_CSM.html.

2. Poudre School District Facility Services Building in Fort Collins

CRES presented the award to The RMH Group of Lakewood for its lead role as the sustainable design and daylighting consultant, lighting designer, and mechanical and electrical engineer. CRES also presented certificates to Poudre School District, the building owner, in Fort Collins; Mellin & Associates Architects in Larkspur; and EMC Engineers, the commissioning agent, of Golden. For more information about this project, see: cres-energy.org/reba_poudre.html.

The Colorado 2002 Renewable Energy in Buildings Awards winners for commercial buildings are:

3. Xilinx, Inc. in Longmont

CRES presented the award to Boulder-based Downing, Thorpe & James for its lead role as design architect on the Xilinx project. CRES also presented certificates of recognition to the building owner of Longmont-based Xilinx; the Neenan Company in Fort Collins; consulting energy engineers, Architectural Energy Corporation, based in Boulder; and BCER, consulting mechanical engineers, in Arvada. For more information about this project see: cres-energy.org/reba_xilinx.html.

4. Shumei International Institute in Crestone

CRES presented the award to the building owner of Shumei International Institute in Crestone. CRES also presented a certificate of recognition to PEH Architects in Boulder. For more information, visit the CRES website at: cres-energy.org/reba_shumei.html.

The Colorado 2002 Renewable Energy in Buildings Awards winners for residential buildings are:

5. McStain High Plains Environmental Center in Loveland

CRES presented the award to McStain Neighborhoods, building owner and builder, in Boulder. In addition, CRES presented a certificate of recognition to Bloodgood Sharp Buster Architects in Scottsdale, Arizona. For more information about this project visit the CRES website at: cres-energy.org/reba_hpec.html.

6. **Levi Residence in Boulder**

CRES presented the award to the architect, Architectural Harmonics in Boulder, and certificate of recognition to the homeowner, Ben Levi in Boulder. For more information, visit the CRES website at: cres-energy.org/reba_levi.html

The winner of the Colorado 2002 Exemplary Building Award:

7. **Harmony Library in Fort Collins**

The CRES award was shared by the key players in the project, including the City of Fort Collins, Front Range Community College in Fort Collins; Davis Partnership Architects in Denver; Lightforms energy consultants in Santa Barbara, California; and R.C. Heath Construction Company in Fort Collins. For more information about this project see: cres-energy.org/reba_harmony.html

All of the award winners have put together buildings that consume significantly less energy than similar ones built to conventional standards. This is accomplished through creative architecture combined with the use of sophisticated lighting, mechanical equipment, and controls. This design is often sensitive to the local environment and results in greatly reduced impact on the environment due to reduced energy consumption over the lifetime of the building. The design of each of these buildings takes advantage of solar energy.

CRES is the largest membership organization that advocates for energy efficiency and renewable energy in Colorado. Now in its fifth year, CRES is a state chapter of the American Solar Energy Society (ASES) and has about 500 members consisting primarily of professionals working in energy-related fields around the state. For more information about the Colorado 2002 Renewable Energy in Buildings Awards, visit the CRES website at: cres-energy.org/newspub.html.

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