



News Release

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USGBC Awards Silver LEED® Rating to Kennecott Land and Jordan School District for the Daybreak Elementary School and Community Center

*Recognition acknowledges green building and energy efficiency
as part of National Energy Awareness Month*

(South Jordan, Utah, October 24, 2006) – The U.S. Green Building Council (USGBC) today awarded Kennecott Land and the Jordan School District a LEED Silver rating for the Daybreak Elementary School and Community Center in South Jordan, Utah. The USGBC's Leadership in Energy & Environmental Design® (LEED) Green Building Rating System™ certifies buildings that take preventative measures to lessen their impact on the environment. Such measures include the use of recycled materials, increased use of daylight, reduced water and energy consumption and innovative design.

"Kennecott Land is committed to building in an environmentally sustainable manner. We are pleased to be recognized for preserving resources and reducing energy costs," said Peter McMahon, President, Kennecott Land.

"Daybreak school is consistently one of the most energy-efficient of our 89 schools," said Barry Newbold, Superintendent, Jordan School District. "This speaks volumes about the building's construction because it uniquely operates outside of regular school hours in the evenings and on the weekends." The District average energy cost per square foot is \$1.09; Daybreak Elementary School and Community Center uses \$.84 per square foot. (Costs reflect an 11-month period.)

Daybreak Elementary School is the first public school in Utah that is both a school and a neighborhood learning and community center. It opened in the fall

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of 2005. Conceived and developed as a partnership between Jordan School District and Kennecott Land, Daybreak Elementary School and Community Center is a 116,700 square-foot facility that houses students, kindergarten through sixth grade. Parents and families can utilize the community center for a variety of activities, such as group fitness classes, weight lifting, cardio machines and a running track. The building is environmentally efficient with ground-source heating and cooling, an abundance of natural lighting in halls and classrooms, Indoor/outdoor water use was reduced significantly, numerous building materials were made of recycled content and more than half of builder waste was recycled. (Please see building fact sheet.)

Kennecott Land commissioned architects James Christopher and Andrew Ramsey of Brixen and Christopher Architects to design the structure to LEED specification. The building's energy efficiency continues as monthly electrical bills have decreased each month.

"This Silver LEED certification is significant and noteworthy as there are only nine LEED certified buildings in Utah," says Curtis Clark, Utah Chair, U.S. Green Building Council. "The green features of the building make it a great place for students to learn and a wonderful facility for Daybreak residents."

Today, Daybreak Elementary School students took part in the announcement with a special award assembly presented by USGBC, the National Energy Foundation and Jordan School District officials. Students learned that they are an important part of saving energy. They learned energy saving tips and how to set up their own Energy Action Patrol.

"Attending a school that is highly energy efficient encourages students to learn, and to strengthen their own commitment to saving energy," says Sunny Dent, Vice President of Program Operations, National Energy Foundation.

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Daybreak Elementary School and Community Center

Green Building and LEED Facts



Daybreak Elementary

- Daybreak Elementary School and Community Center is the first certified K-12 public school in Utah.
- 1 of 9 LEED certified buildings in Utah
- 11th Elementary School in the U. S. (2nd in the West)
- 1 of 3 Silver Certifications in Utah
- 1st LEED Building in South Jordan

About LEED

The Leadership in Energy and Environmental Design (LEED) is a nationally recognized Green Building Rating System, meaning it is a guideline and method of confirming a building's performance and sustainable or green aspects. The LEED system has been created and is administered by the US Green Building Council (USGBC), a non-profit organization based in Washington D.C. that focuses on promoting environmentally responsible design. The General Services Administration (GSA) recently issued a report stating that LEED is the most credible green building rating system. Further, they have made a commitment that all new GSA construction and substantial renovation must be certified through the LEED rating system.

Building Overview

The Daybreak Elementary School and Community Center was awarded Silver LEED Certification. This certification was achieved as the building was designed and built to be environmentally friendly. The project was reviewed for the measures taken in the categories of sustainable sites, water efficiency, energy and atmosphere, materials and resources and innovation and design.

Sustainable Sites

- More than 40% of the pavement is light colored concrete or shaded with trees to reduce heat island effects
- Storm water runoff is being controlled and decreased helping to prevent water pollution and reduce storm water volumes.
- Erosion and sedimentation was carefully controlled during all phases of construction to prevent air and water pollution and soil loss.

Water Efficiency

- Outdoor water use has been reduced by 50% using water efficient and native vegetation and a high efficiency irrigation system.
- Outdoor irrigation utilizes a secondary water system to cut down on culinary water.
- Indoor water use has been reduced by more than 22% through the use of low-flow fixtures.

Energy and Atmosphere

- Building systems were reviewed at each stage, from initial design to the final construction to ensure proper design, installation and operation.
- An extensive ground source heat pump system utilizes the earth's constant temperature to efficiently provide heating and cooling. This system, in conjunction with high performance equipment and building components, yield a projected yearly energy cost savings of over 33%.
- Energy efficient lamps and ballasts are used to decrease energy consumption.

Materials and Resources

- More than 57% of the construction waste generated by the project was sorted and recycled.
- An exceptionally high level of materials with recycled content were used in the construction of the project, including steel, building insulation, gypsum board, window frames, carpet, and sports flooring.
- The project promoted the use of locally produced construction materials, reducing transportation distances and supporting the local economy.
- Low emitting materials were used in the construction of the building, including adhesives, sealants, paints, primers, carpeting and composite wood products. This means that products have been carefully selected to avoid volatile organic compounds, formaldehydes and other hazardous and irritating chemicals.

Innovation and Design

- The project has been designed to accommodate educational, recreational and community needs. Through sharing and combining spaces, each group is provided the use of facilities that would otherwise not be possible and results in saving physical space, drastically reducing mechanical equipment, materials, and parking.

Organizational Background

About USGBC

The U.S. Green Building Council is the nation's leading coalition of corporations, builders, universities, government agencies, and nonprofit organizations working together to promote buildings that are environmentally responsible, profitable and healthy places to live and work. Since its founding in 1993, the Council has grown to more than 5,500 member companies and organizations, a 50-person professional staff, a broad portfolio of LEED® products and services, the industry's popular Greenbuild International Conference and Expo, and a network of 67 local chapters, affiliates, and organizing groups. LEED rating systems are certified, silver, gold, and platinum. U.S. Green Building Council—www.usgbc.org

About Kennecott Land

Kennecott Land was established in April 2001 to protect and develop Kennecott Utah Copper's non-mining land. The company's mission is to build enduring communities on Salt Lake Valley's West Bench. Daybreak is the first testament to that vision, situated on 4,126 acres in the city of South Jordan. At completion, Daybreak will be one of the largest Energy Star® communities in the U.S. Other sustainable development commitments include water-wise landscaping, construction waste recycling and 100% storm water capture. Kennecott Land is an industry leader in sustainable development and it is the only developer in the U.S. with ISO14001 certification. Kennecott Land – www.kennecottland.com and www.Daybreakutah.com

About Jordan School District

Jordan School District is the largest of Utah's 40 school districts serving nearly 80,000 grade K-12 students in 89 schools. The District's boundaries encompass 10 municipalities and unincorporated areas of southern Salt Lake County. Its commitment to providing a quality education is reflected in student test scores that are consistently above state and national averages and high school graduation rates that are among the highest in the country.

Jordan School District – www.jordandistrict.org/

About Daybreak Elementary

Daybreak Elementary is found in the Kennecott Land Development Community located near the Oquirrh Mountains. This school serves students from kindergarten to sixth grade who live in the southwest corner of the Salt Lake Valley. Daybreak Elementary is a modernized school offering a combination of community enclosed classrooms and the latest technology. The school has a unique partnership with Kennecott and the University of Utah which fosters a culture of inquiry and collaboration. The school's main focus is on literacy, writing and language arts.

Daybreak Elementary School – <http://schools.jordandistrict.org/daybreak>

About the National Energy Foundation

National Energy Foundation is a unique 501 (c) 3 non-profit organization dedicated to promoting and cultivating an energy literate society through educational programs. NEF recognizes the importance and contribution of natural resources to our economy, national security, environment and quality of life.

National Energy Foundation—www.nef1.org