

renewable energy update forecast



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Are you a Blue Sky Business Partner?

Businesses that support Blue Sky at a partnership level have various benefits – from being listed on the Rocky Mountain Power [website](#) to select advertising and recognition. Rocky Mountain Power also works with you to help you communicate your renewable energy support to your customers. One way we do that is through a newly designed business partner logo that you can display on your company's website. Just email bluesky@pacificorp.com to request the logo.

We welcome the following new Blue Sky business partners and thank them for supporting renewable energy through the Blue Sky program.

Utah

- Coalville**
- Summit County Utah

- Midvale**
- Salt Lake County

- Park City**
- Atticus Coffee, Teahouse, and Books
 - Montage Deer Valley
 - Park City Mountain Resort
 - Right At Home

- Salt Lake City**
- Architectural Nexus
 - Fourth Street Clinic
 - Landis Lifestyle Salon – Marmalade
 - StarWash – Salt Lake City
 - The McGillis School
 - Watson Pharmaceuticals

- South Jordan**
- StarWash
 - Sweet William Floral & Design, LLC

For the complete list, please visit rockymountainpower.net/partners.

You may be wondering...where does Blue SkySM renewable energy come from?

Rocky Mountain Power customers who participate in the company's Blue SkySM program support the development of renewable energy in the western region, including community-based projects. In 2010, Blue Sky customers supported wind energy (in the form of renewable energy certificates) from more than a dozen projects in Wyoming, Idaho, Washington and Oregon independent of Rocky Mountain Power's investments in renewable resources to serve its customers.

Wind Project	State
Silver Sage	Wyoming
Cassia Wind, Cassia Gulch Wind Bennett Creek, Hot Springs	Idaho
Tuolomne, White Creek, Nine Canyon	Washington
Elkhorn, Stateline, Condon, Klondike	Oregon

2010 Blue Sky funded projects

Blue Sky helps fund local projects!

In 2010, Blue Sky customers provided support to help more community-based renewable energy projects become a reality. Rocky Mountain Power's Blue Sky renewable energy program awarded funds in 2010 to support the construction of 12 new renewable energy projects in Utah, Idaho and Wyoming.

These local renewable energy projects that have Blue Sky program connections raise awareness and demonstrate the impact of renewable energy technologies and Blue Sky. This helps grow the demand for renewable energy. You can find information about specific facilities and learn more about the energy that your Blue Sky dollars support [here](#).



Community-based renewable projects that received funding in 2010

Utah

The Cedar City Aquatic Center will add a 20.24-kilowatt solar generating system. "We hope our partnership with Rocky Mountain Power will extend to other city buildings and educate our residents about the benefits of renewable energy," said Ron Chandler, Cedar City city manager. Other Utah organizations receiving Blue Sky community project funds are the Utah Museum of Natural History, McGillis School, Westminster College's Emma Eccles Jones Conservatory and Fourth Street Clinic (complete), all in Salt Lake City, as well as the City of Ivins; Early Light Academy (complete), South Jordan; Wasatch Peak Academy, North Salt Lake and the South Salt Lake Fire Department.

Wyoming



The National Outdoor Leadership School (NOLS) in Lander plans to install a 24.8-kilowatt solar

array atop the historic Noble Hotel. "This is a great example of how to add renewable energy to a historic building," said Gary Cukjati, NOLS Rocky Mountain director. "This is our second solar project and we've learned a lot about how to create maximum energy results." The new Summit Elementary School in Casper will add a 2.4-kilowatt wind project.

Idaho



The McCammon Library in McCammon has received a Blue Sky project fund award to support the installation of an 8.82-kilowatt solar energy array on its roof. "The primary benefit of our solar project will be cost savings to the residents of the community, which can be used to purchase additional books," said Marcy Price, library director, Downey, Idaho. "It will serve as an educational tool for students and other library patrons."

Blue Sky Business Partner program

Is there a benefit that you'd be interested in us offering to you as a business partner?

[Let us know.](#)

Are you a Blue Sky business customer but aren't receiving any partnership benefits? You may just need to sign a form or change your purchase level to qualify. Learn more about business partner program benefits [here](#) or e-mail bluesky@pacificorp.com.

We want to hear from you

We've recently created a survey to collect ongoing feedback from Blue Sky customers about the program and we'd love to hear from you. Do you have new ideas, feedback, or questions? Make sure you leave your contact information if you'd like us to contact you. Or, feel free to communicate with us anonymously. We respect your privacy as much as your opinion. If you're a residential customer visit rockymountainpower.net/bluesky2011. If you're a business customer, visit rockymountainpower.net/bluesky2011biz. Let us know what you think today.

Earth Day Events – Utah

Say hello to the Blue Sky team at the following Earth Day community events.

- **Party for the Planet**
Tracy Aviary, April 21
- **University of Utah Earthfest**
April 22, 10:30-1:30
- **Earth Jam**
Salt Lake City, April 30, 10-2
- **Party for the Planet**
Hogle Zoo, April 30, 10-2
- **Draper Earth Day**
April 30, 10-2
- **Friends of Alta**
April 22, 1-4:30
- **Earth Fest at the Gallivan**
June 11

Back to basics – how wind turbines work

Interesting articles about the power of wind:

- An [animated video](#) about wind energy and how wind turbines work.
- [How wind power works](#)
- [Wind power usage in the U.S.](#)

Find us on Facebook



Stay up to date on Blue Sky by liking our [Facebook page](#).

Contact us

Do you have any comments, concerns, questions or suggestions about the Blue Sky program? E-mail bluesky@pacificorp.com and we can help!

Your dollars at work in the community – recently completed projects

Fourth Street Clinic Solar Array

On February 10, 2011, with support from the Blue Sky program community project funds, Fourth Street Clinic added a rooftop solar array (42 solar panels) to provide nearly half the nonprofit health clinic's heating and air-conditioning power needs – which is its single largest power cost. Located on the southwest corner of 400 South and 400 West in Salt Lake City, the clinic is in a prime location to showcase the benefits of the Blue Sky program.

"The clinic will save about \$2,000 a year in heating and air-conditioning costs – money that will be used to provide 20 more health care visits for homeless patients," said Fourth Street Founder and Executive Director Allan Ainsworth. "This project dovetails with Mayor Becker's call to sustainability, but it first and foremost serves the best interests of Fourth Street's patients," added Ainsworth. "It will save money that will then be allocated to patient care, benefiting the local community and demonstrating how similar projects can be established."

Solar at The Front Climbing Club

Long time Blue Sky business partner and supporter The Front Climbing Club installed a 7.2 kilowatt-hour (kwh) solar system, which is now fully functional and producing power. Since installation in November 2010, they have produced more than 500 kwh of electricity. In the winter, each sunny day adds more than 22 kwh of energy into the electrical grid. In the summer, they expect the system to produce more than 90 kwh per day. This, in addition to their Blue Sky participation and recycling programs, makes The Front Climbing Club in Salt Lake City one of the greenest climbing gyms on the planet! [See how](#) their project is producing electricity.



McGillis School to celebrate Earth Day early with Blue Sky

Not wanting to miss an ideal educational opportunity, the McGillis School is getting a head start on Earth Day by becoming a top-level partner in Rocky Mountain Power's Blue Sky renewable energy program.

The McGillis School's Blue Sky purchase of 137 blocks a month avoids more than 98 tons of carbon dioxide per year, which has the environmental benefit of planting approximately 2,316 trees or taking 17 cars off the road for a year.

The school is also taking a giant, green leap forward by purchasing 117 solar panels for the school's new, 57,000 square-foot addition. Rocky Mountain Power's Blue Sky program provided funding for the solar panels; the system is projected to generate 17 percent of the school's current power usage.

Blowin' in the wind

We reference wind power quite a bit, but how much do you know about it? Wind is a by-product of solar energy. Approximately two percent of the sun's energy that reaches the earth is converted to wind. The surface of the earth heats and cools unevenly, creating atmospheric pressure zones that make air flow from high-to-low-pressure areas.

TURBINE COMPONENTS



"When we announced that we had the funding to purchase the new solar panels, a cheer went up at the faculty meeting," said Kerry Steward. "While it's going to be a wonderful learning tool for the kids, the panels will be located high on the rooftop where they can't be seen. Still, we want people to know about them."

"Participating in Blue Sky is a terrific way to demonstrate to our students and our educational community the value of environmental stewardship," said Matt Culberson, head of the McGillis School. "Our school's purpose is to instill in our students a love of learning, the ability to think critically and live ethically and to appreciate the value of each individual."

Wind turbines harness the power of wind to create electricity. Rotors start turning at winds of seven miles per hour (mph). Electricity production begins at nine mph winds. The blades of a wind turbine turn slowly at about 14-18 rotations per minute (rpm) but the tips of the blades are traveling at speeds in excess of 130 mph!

Wind farm tour

Join Rocky Mountain Power for our annual renewable resources tour to learn more about this awesome technology and see a wind turbine close up. E-mail windtour@rockymountainpower.net or call 1-866-476-9378 ext. 40 for more information.

Watch a [video](#) from the tour of Spanish Fork in 2010 on Rocky Mountain Power's YouTube channel.

Focus on Park City, Utah

Park City, Utah, is a community whose success is tied to the preservation of a clean environment. With three major ski resorts at the center of its economy, the community knows it must protect its resources, increase energy efficiency and decrease its carbon footprint. Sustainable city government programs have helped Park City exceed state and national environmental requirements, and an increasing number of Park City businesses are making strides to maintain the community's natural environment.

Park City was one of two communities in the U.S. named a Green Power Community of the Year in 2010 by the U.S. Environmental Protection Agency. This award recognized communities committed to supporting environmental stewardship and renewable energy development.

If you live in Park City and want to join the cause, just tell your friends and neighbors to sign up for Blue Sky during April and be part of the Blue Sky renewable energy challenge! Visit rockymountainpower.net/parkcity.