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## Wind energy helps expand renewable power supply

One of the most abundant sources of renewable energy is in the air and SDG&E® is capturing more of it to meet customer needs. Wind energy accounts for approximately 675 megawatts (MW) of SDG&E's long-term contracts for renewable energy.

The most recent addition is 210 MW, or 635,000 megawatt-hours (MWh) annually, of wind energy from the NaturEner Glacier 1 and 2 wind farms in



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- Debra Reed  
SDG&E President and  
Chief Executive Officer

Montana. The first phase came online in October 2008.

"We're also evaluating a number of exciting wind projects for contracting in the near future, including opportunities within our service area," says Debra Reed, SDG&E president and chief executive

officer. "Currently, 6% of our total supply stems from renewable sources, such as wind, solar, biomass and geothermal energy. We've progressed from having approximately 1% of our energy coming from renewable sources in 2003, to having approximately 15% renewables under contract for 2010 and 21% under contract for 2011."

SDG&E has sought competitive bids for renewable energy in 10 market solicitations since 2002 as part of its long-term energy plan and efforts to meet California's 20% renewable-energy goal by 2010.

Gov. Arnold Schwarzenegger set a new statewide target of 33% renewables by 2020 in an executive order to streamline the process for approval of renewable-

energy projects. He signed it during a November 2008 event attended by representatives of governmental agencies, environmental groups and the energy industry, including Reed, who called it "an important step in California's efforts to lead the nation in clean-energy policy." She also emphasized that new high-



Wind turbines typically have two or three long blades that spin when the wind blows. The spinning movement is then used to turn a generator to produce electricity.

voltage transmission infrastructure, such as SDG&E's Sunrise Powerlink, will be key to meeting the 33% renewables goal while maintaining electric reliability and keeping costs under control for customers.

To learn more about renewable energy and SDG&E's long-term energy plan, visit [www.sdge.com/renewables](http://www.sdge.com/renewables).

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### didyouknow?

A commitment to reliability helped SDG&E win recognition as the "best in the West" for electric service reliability again.

Among Western utilities in North America, SDG&E has earned the top honor for providing reliable electric service to customers for three years in a row. PA Consulting Group recently presented 2008 ReliabilityOne™ Awards to SDG&E, four other regional winners and a national winner from among the 120-plus electric utilities operating in North America. Finalists undergo an on-site certification process and independent review of reliability results.

In addition to receiving the 2008 ReliabilityOne Award for the Western Region for its 2007 performance, SDG&E received the award for Outstanding Response to a Major Outage Event. PA Consulting Group cited SDG&E's "extraordinary efforts supporting the community and restoring service to customers following the 2007 Southern California wildfires." The management, systems and technology consulting firm operates in more than 35 countries.



The Army and Navy Academy installed energy-saving lighting with help from SDG&E's On-Bill Financing program.

## Get 0% financing on energy upgrades

Cash or credit challenges need not prevent you from making energy-efficiency improvements at your business. SDG&E's On-Bill Financing (OBF) program offers interest-free loans on energy-efficiency upgrades that qualify for SDG&E rebates or incentives. This 0% financing appears in monthly installments on your SDG&E bill.

"On-Bill Financing was the overall deciding factor to go ahead with lighting improvements at our site," says Miles Warner, director of facilities at the Army and Navy Academy in Carlsbad. "The energy savings completely offset the On-Bill Financing loan payments, so we paid off the loan in one year."

The Academy, a private, not-for-profit, military boarding school, avoided up-front costs on the 2007 lighting project, earned SDG&E rebates, and will keep saving on lighting costs for years to come. Army and Navy Academy hosted the presentation of the Small Business California 2008 Energy Leadership Award to SDG&E for the OBF program on Oct. 28, 2008.

For more information about OBF, including qualifying measures and other terms and conditions, visit [www.sdge.com/obf](http://www.sdge.com/obf) or call SDG&E's Energy Information Center at 1-800-644-6133.



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# Local projects win statewide honors for Savings By Design



Photovoltaic panels on slanted roof segments are barely visible on The New Children's Museum. The central glass chimney seen on top serves as a cooling tower, exhausting hot air from gallery spaces.

Design teams for both The New Children's Museum and Francis Parker School worked with SDG&E to maximize energy efficiency and earn Savings By Design incentives. The museum team included the San Diego architectural firm Rob Wellington Quigley, FAIA, and LSW Engineers California Inc., San Diego. The school team included Lake|Flato Architects in San Antonio, Texas, and San Diego-based consultants SC Engineering and ILA | Zammit Engineering. For photos and detailed project information, visit <http://aia-awards.com/AIACC/> and click on "2008 Design Awards Entries," then "Savings By Design."

Two of San Diego's newest architectural gems recently garnered top statewide honors for seamlessly blending architectural elegance with energy efficiency and other sustainable features. **The New Children's Museum** earned the 2008 Savings By Design Energy Efficiency Integration Award of Honor, the highest recognition, and the **Francis Parker School** earned an Award of Merit, one of two given during the Savings By Design Energy Efficiency Integration Awards presentation at the California Practices Conference of the American Institute of Architects, California Council (AIACC) in November. Five utilities, including SDG&E, sponsor the awards program in cooperation with AIACC.



At Francis Parker School, a narrow footprint, deep overhangs, sunshades, light shelves, and louvers redirect light deep into the classrooms through spectrally selective glazing with high visible light transmittance.

**GOING GREEN CAN SAVE YOU MONEY** when your new construction projects qualify for incentives through **SDG&E's Sustainable Communities program**. For details, visit [www.sdge.com/sustainablecommunities](http://www.sdge.com/sustainablecommunities) and see why the U.S. Green Building Council awarded the program its 2008 Leadership Award in the Community category for SDG&E's work with developers, designers, municipalities and school districts in encouraging green building practices.

**Incentives of up to \$200,000 per building** are available through SDG&E's Savings By Design program for commercial new construction projects that perform better than required by California's Title 24 energy-efficiency standards. To learn about Savings By Design incentives, technical assistance and training opportunities, visit

[www.sdge.com/savingsbydesign](http://www.sdge.com/savingsbydesign), contact your SDG&E representative or call SDG&E's Energy Information Center at 1-800-644-6133.

The Savings By Design, Sustainable Communities and On-Bill Financing programs are funded by California utility customers and administered by SDG&E under the auspices of the California Public Utilities Commission.