

HERE'S TO THE CALIFORNIANS WHO RECOGNIZE THAT PROTECTING THE ENVIRONMENT DOESN'T COME AT A COST, BUT A SAVINGS.



As a state, we saved an estimated 4 billion kilowatt-hours (kWh) this year — enough to power more than 650,000 homes in your community. The following are just a few organizations that have played an important role in helping us all use less energy. They designed the tools and technologies that make our everyday appliances, equipment and operations more efficient, produce fewer emissions and allow for more reliable power. What's more, their innovations let the rest of us spend our money where it counts — toward resources for our schools, our families and our businesses — rather than on energy bills. We thank them for making it easier to make saving energy a way of life!

City Heights Community Development Corp. (CHCDC) renovated 61 apartments to be at least 20% more efficient than California's tough energy standards require. CHCDC's four affordable housing apartment buildings, located in the "International Village" community of City Heights in San Diego, feature high performance windows, highly efficient insulation, energy controls and solar hot water heaters. In total, the project will save roughly 30,000 kWh in 2005.

Dust Networks provides reliable, low-power wireless mesh networking systems for enterprise-class monitoring and control applications. Using SmartMesh-XR-based monitoring solutions, a typical building can reduce energy and operational costs as much as 20%. With SmartMesh-XR wireless networking systems, installation and commissioning time of energy management systems can be reduced from weeks to hours, compared to hard-wired systems, making energy management systems more economical.

Pfizer Inc.'s electricity and natural gas use decreased 16% and 50%, respectively. After auditing its San Diego campus, Pfizer made several efficiency improvements, including optimizing the ventilation system and adjusting the heating, ventilating and air conditioning (HVAC) system temperature settings. Pfizer also educated employees and recruited researchers to help save energy by closing fume hoods when not in use. Pfizer will save an estimated \$1 million in 2005.

Johnson & Johnson Pharmaceutical Research and Development's new lab in La Jolla exceeds California's energy efficiency standards by 18%. Efficient technologies installed include window glazing and shades, variable speed drives and lights that are all less than 60 watts. A 2,200-kW cogeneration system supplies 95% of electricity and operates heating and cooling. The facility is also water efficient, reducing usage by 11 million gallons annually. The new lab has been certified for Leadership in Energy and Environmental Design (LEED) standards.

Siemens Building Technologies helped its California customers save 27 million kWh and reduced their utility bills by \$3.8 million in 2004. Siemens Building Technologies worked on 10 projects, totaling more than 5 million sq. ft. At a San Diego naval facility, the company installed two energy-efficient chillers, which utilize oil-free compressors and are 20-30% more efficient than conventional chillers. Other benefits include increased reliability, reduced maintenance costs and quieter operation.

The San Diego Regional Energy Office (SDREO) used 20% less electricity in 2005 than in 2003, despite adding staff and equipment. SDREO is a nonprofit organization that provides energy education and services. To set an example within its own facilities, SDREO added an energy management system, installed highly efficient lights, removed inefficient vending machines and appliances, and adjusted lighting and temperature controls. Staff members turn off lights and office equipment when not in use.

Poway Unified School District (PUSD) saved more than 720,000 kWh and \$95,000 in utility costs by installing management software for its computers. The computer network had previously consumed 6% (\$333,000) of PUSD's annual electricity budget. New Verdiem's Surveyor software — installed on 5,200 computers — reduced computer network consumption by 36%. The energy cost savings and rebate funding give the system payback in less than six months.

Union Bank of California earned ENERGY STAR® labels for three of its California locations. The bank reduced electricity usage by 4.2 million kWh (nearly 14%) across its more than 300 branches and 5 million sq. ft. of office space in 2004. Since 1998, Union Bank of California has retrofitted lights, installed computer controls, adjusted thermostat settings, turned off or reduced non-essential lighting and signage, and controlled dusk-to-dawn lights with photocells.

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To learn more about these and other leaders, visit www.FYPower.org where you will also find energy-saving tips, incentive information, energy-efficient product information and more to help you save energy, save money and help protect the environment.

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