

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!

Fortuna High School helped local businesses save 40,000 kWh and \$10,000 on their utility bills through lighting upgrades and in collaboration with Strategic Energy Innovations. Students received training in energy analysis and auditing as participants in California Green Schools, a program designed to help schools use less energy and provide energy efficiency education. In 2005, students in the Fortuna Awareness for Communities About Energy program outreached to 19 local businesses.

Petaluma Poultry's energy efficiency improvements saved 1.37 million kWh and 348 kW in 2005. Savings stem from the installation of 4,480 compact fluorescent lights (CFLs), 106 efficient ventilation fans, eight energy-efficient motors, eight variable speed drives, and an energy management system at facilities in Petaluma and Santa Rosa. Petaluma Poultry will expand efforts to include additional measures and, by the end of 2006, expects to save a total of 3.1 million kWh and 759 kW.

North Marin Water District (NMWD) shaved its peak electricity demand 40% (roughly 280 kW) in 2005. The demand reduction stemmed largely from NMWD's shifting of pump activity to off-peak hours. The district, which serves approximately 57,000 customers in and around Novato, has also completed several efficiency upgrades and now uses variable speed drives on motors and pumps and efficient lights throughout its 31,000 sq. ft. of facilities. Together, the upgrades save 282,000 kWh and nearly \$96,000 annually.

Fundamental Foods, a small food manufacturing business, cut electricity use 35% in 2005. The company replaced T12 fluorescent lights with T8 lights, saving almost \$4,000. The replacement also improved the quality of illumination. To help keep cooling costs low, an energy-efficient attic fan was installed to remove hot air.

Coast Central Credit Union (CCCU) saved an estimated 28,000 kWh annually at its main office in Eureka by replacing nearly 1,000 inefficient T12 fluorescent lights with T8 lights and electronic ballasts. The savings equates to a 12% drop in electricity consumption. With utility bill savings of more than \$4,000 annually, the lights are expected to pay for themselves within three years. CCCU will expand these improvements to its other offices in Northern California.

Calpine Corp. and the City of Santa Rosa partnered on a unique water pipeline that contributes 85,000 kW — enough electricity to power 85,000 homes — to California's renewable energy supplies. Each day, the pipeline carries 11 million gallons of recycled water to recharge The Geysers, the world's largest geothermal operation, which accounts for one-third of all green power produced in California. Before the project, excess recycled water was often discharged into the Russian River.

Strategic Energy Innovations (SEI), a nonprofit organization, educates students, small-business owners, school districts and cities about energy efficiency. Through its Awareness for Communities about Energy (ACE) program, SEI trains students to audit small businesses and homes and to recommend high-impact efficiency upgrades. As of August 2005, students had surveyed more than 150 small businesses and 70 homes in Humboldt, Marin and Sonoma counties. Recommended efficiency upgrades could save more than 423,000 kWh and \$56,000 annually.

Pine Creek Properties renovated its Santa Rosa facility to be Northern California's first zero-energy commercial complex. Efficient features of the 50,000-sq.-ft. facility — which houses a school, ballet studio and church — include 500 T8 fluorescent lights, energy-efficient parking lot lights, energy-efficient heating, ventilating and air conditioning (HVAC) equipment, motion sensors, skylights and a 200-kW photovoltaic system. Pine Creek also replaced the 4,000-sq.-ft. lawn with trees and shrubs to cut energy and water use.

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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