

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!

The University of California, Los Angeles (UCLA) Department of Architecture and Urban Design introduced a free computer program for homeowners, renters, apartment managers and homebuilders to model how energy-efficient design and renovation could save energy and dollars. The tool, called Home Energy Efficient Design (HEED), allows customers to create 3-D models of their homes to learn about its energy performance and to explore design improvements such as wall insulation, roof coating and new windows. Since its launch two years ago, HEED has been used by thousands of homeowners.

Art Center College of Design's South Campus exceeds California's tough energy efficiency standards by 22%. The 93,000-sq.-ft. campus utilizes a host of energy- and water-saving features, including efficient lighting, skylights that adjust throughout the day to modify the amount of daylight admitted to the building, an insulating rooftop garden, low-flow plumbing fixtures and waterless urinals. The facility is Leadership in Energy and Environmental Design (LEED)-certified and uses renewable energy.

Toyota Plaza has cut electricity usage by 1.5 million kWh — more than 45% — since 2000. Facility managers installed an energy management system (EMS), added variable frequency drives to air handling and cooling tower fans, replaced old boilers, added window tinting and installed 18 fluorescent lights with electronic ballasts and motion sensors. A digital electrical meter allows the existing EMS to automatically power down non-critical equipment when preset load thresholds are reached.

International Rectifier (IR) develops power management technology capable of reducing 30% of the world's global energy budget. IR's digital, analog and mixed-signal integrated circuits and integrated power systems reduce energy waste in motors — the single largest consumer of electricity. Motors power appliances, air conditioners, industrial pumps and equipment. The advanced technology IR develops can also be used to make more efficient lighting and hybrid automobiles.

LEDtronics' light-emitting diodes (LEDs) help Los Angeles Harbor's Vincent Thomas Bridge save \$4,000 in energy costs annually. Over their lifetime, the 160 20-watt LEDs that adorn the bridge will save, compared to incandescent lights, \$184,000 in energy costs and \$500,000 more in labor and replacement lamps. A 4.5-kW-photovoltaic system located near the bridge offsets the remaining electricity operating costs.

San Gabriel Valley Water Co. uses energy-efficient technology to remove pollutants from water. As part of its longstanding commitment to using the best available energy saving technologies, San Gabriel installed high-tech ultraviolet equipment at its water treatment facilities in the district, helping to save 4 million kWh and roughly \$75,000 annually since 2003. San Gabriel also participated in a demand response program and trimmed 7,400 kW of demand.

Ascent Media Group will save more than 183,000 kWh and \$20,000 in 2005, compared to 2004, by replacing T12 fluorescent lights with T8 lights and installing an energy-efficient heating, ventilating and air conditioning (HVAC) system. In addition to saving money and electricity, the new HVAC system improves the indoor environment at Ascent's 100,000-sq.-ft. Burbank facility.

Pacific Sales estimates that 60% of its washing machine sales are ENERGY STAR®-labeled models. The company aggressively promotes ENERGY STAR-qualified appliances in its 14 Southern California showrooms and through print and television ads. Pacific Sales staff distributed materials with information on available utility rebates and explained to customers the potential energy and cost savings of ENERGY STAR appliances.

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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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