



THEY DESERVE THEIR NAMES UP IN LIGHTS.
(ENERGY-EFFICIENT COMPACT FLUORESCENT LIGHTS.)



Over the past year, the following organizations have educated their employees and the public about the cost-saving and environmental benefits of using energy wisely. They have helped California become a national leader in the sale of energy-efficient appliances, lighting and equipment. They have designed energy-efficient homes, products and services. They have taken the message to the classroom and to the boardroom, and have shared lessons learned with colleagues. And, they have walked the talk by investing in energy efficiency in their own facilities. Thanks to their leadership, all of California is reminded how saving energy can be a way of life.

Bayer Healthcare Biological Products Division cut electricity demand 25% at one of its facilities — saving \$50,000 in annual energy costs by curtailing its heating, ventilating and air conditioning (HVAC) operation during non-work hours. Bayer's companywide energy program helps reduce on-peak energy demand by focusing on low-cost repairs, operational improvements and employee education. As part of its environmental campaign, Bayer hosted an energy fair for employees, distributed materials and enrolled in the ENERGY STAR® Million Monitor Drive.

Del Monte Foods' fruit-canning facility in Modesto was selected by the U.S. Department of Energy and National Association of State Energy Officials as part of a food industry pilot for assessing comprehensive energy efficiency management technologies. Through this partnership, Del Monte implemented energy management systems that proactively optimize energy usage and support plant maintenance of its water, air, gas, electricity and steam systems. Energy management technologies implemented in 2005 have assisted the Del Monte plant in significantly reducing plant energy usage and costs.

California Portland Cement Company (CPCC) cut annual electricity consumption by 10% — roughly 31 million kWh — saving nearly \$3 million each year. Savings stem from a host of process improvements and equipment upgrades, including installation of a grinding mill that uses new technology to reduce energy consumption by 40% compared to older mills. CPCC also helped the Environmental Protection Agency develop an energy benchmarking program for other cement plants.

California State University (CSU) cut electricity and natural gas consumption by nearly 11.3 million kWh and 279,000 therms, respectively, across its 23 campuses in 2004-2005. CSU made these cuts by working in partnership with local utilities. By 2010, CSU aims to reduce energy consumption 15%. Starting in 2006, all new capital projects will be designed to outperform California's tough energy standards by at least 15%.

California Public Employees' Retirement System (CalPERS) has committed to reducing energy use 20% at its property holdings within five years — affecting about 117 million sq. ft. of office and industrial space worth \$7.3 billion. CalPERS, one of the nation's largest pension funds, also uses its market power to promote energy efficiency. CalPERS has earmarked \$200 million for investment in environmental technologies, with another \$500 million committed to environmentally responsible stock portfolios.

Yellow Roadway Corporation cut electricity usage 22%, saving more than \$91,000 and 814,000 kWh annually. Savings came from switching almost 500 metal-halide lights to T8 fluorescent lights in the Roadway Express facility in Bloomington and the Yellow Transportation facility in San Bernardino. In addition to being highly efficient, the new T8 lights improve light quality, last longer, burn cooler and are cheaper to maintain. Yellow Roadway also installed photocells, which allow for natural light harvesting.

Hanford Elementary School District upgraded lights in all 10 schools and its district office and district service facility. With assistance from the utility, district staff replaced more than 10,000 T12 fluorescent lights with T8 lights and electronic ballasts. On average, the district reduced its electricity consumption 5%; the five schools that had all lights replaced will each save as much as 8% on utility bills.

The City of Tulare continued its 17-year commitment to reduce energy consumption. Since 1999, the city has installed energy-efficient HVAC units, an energy-efficient chiller, variable frequency drives on domestic municipal water well sites, light-emitting diode (LED) traffic lights, and T8 fluorescent lights, and upgraded exterior park lighting. Tulare's efficiency measures have annually saved 634,000 kWh and \$76,000 in utility costs.

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