



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



As a state, we saved more than 4 billion kilowatt-hours (kWh) this year — enough to power more than 660,000 homes in your community. Below are just a few examples of innovative and successful energy efficiency measures taken by Californian businesses, governments, and schools. These stories prove that investments in energy efficiency not only save energy, but also lower operating costs, increase property value of homes and businesses, and help create local jobs — all the while helping the environment.

Anderson Travel cut electricity use by 15% at its 4,500-sq.-ft. office in Escondido. T12 fluorescent lights were replaced with T8s, which use 35% less energy and produce less ambient heat — saving 8,400 kWh of electricity and \$1,400. The company also saves by cleaning air conditioning vents and filters, relying on natural ventilation instead of air conditioning whenever possible, and shutting down computers and lights after hours.

The City of San Diego's energy program saves 24 million kWh and \$3 million annually since 2001. As part of its program, San Diego requires that all municipal construction meet Leadership in Energy and Environmental Design (LEED) Silver standards. In 2005, the city renovated its police headquarters making it virtually energy independent. The building uses multiple-speed fans, window tinting, and an energy management system. Cogeneration and photovoltaics provide much of the facility's electrical, heating, and cooling needs.

IKEA in San Diego retrofitted lights to save \$42,880 in utility costs. The 205,000-sq.-ft. store replaced more than 170 inefficient metal halide lights with energy-smart T5 fluorescent lights, reducing electricity usage by 298,000 kWh each year. Even better, the quality of light has much improved. IKEA's investment reflects its corporate commitment to using resources efficiently.

San Diego Trolley saves nearly \$35,000 annually thanks to a lighting retrofit. At its 88,000-sq.-ft. maintenance facility, the company replaced 400-watt metal halide lights with T8 fluorescent lights — paring electrical use by 25%, or about 583,000 kWh. The T8 lights improve lighting quality, last longer, are cheaper to maintain, and produce less ambient heat in the work environment.

Sony Electronics will save nearly 1.7 million kWh this year. Sony optimized heating, ventilating, and air conditioning (HVAC) equipment on its eight-building campus — reducing electricity and water use. Sony also installed skylights with photosensors that minimize use of electric lights. Since 2000, Sony has cut electricity use by 14.5 million kWh, natural gas by 464,000 therms, and has lowered peak demand by 2,163 kW.

W Hotel San Diego installed light-emitting diode (LED) decorative lights, which use 94% less electricity than standard lights. In its guest rooms, W also installed compact fluorescent lights and programmable thermostats, which not only save money but also provide guests with greater control over room temperature. Payback on the investment is expected in less than one year, thanks to reduced utility and maintenance costs.

Westfield Corporation cut electricity use 19% through a major lighting retrofit at five San Diego County shopping centers. Lighting was upgraded in common areas, parking garages, and exits — saving 5.6 million kWh of electricity and reducing peak demand by 565 kW. The retrofit will serve as a model for lighting upgrades next year at most Westfield locations nationwide.

Windmill Farms in Del Cerro saved more than 337,000 kWh — roughly 30% of annual consumption. The grocery retrofitted its refrigeration system, installing insulating curtains to retain cool air and minimizing the number of running compressors necessary to keep food cool. Lighting at this 20,000-sq.-ft. store was also retrofitted. Annually, the company saves \$40,000.

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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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