



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.

Naval Base Coronado reduced energy use by an estimated 2.5 million kWh and saved roughly \$357,000 in fiscal year 2005. Under the guidance of its energy board, the base improved base efficiency by installing more than 2,000 light-emitting diode (LED) lights on airfield taxiways and 263 ENERGY STAR®-labeled clothes washers. The base also posted conservation tips and energy alerts to base population on two prominent outdoor signs.

Department of Motor Vehicles (DMV) new San Ysidro office exceeds California's tough energy standards by 35%. The 14,650-sq.-ft. office, designed by Roesling Nakamura Terada Architects, saves energy by using a cool roof, natural lighting, occupancy sensors and low-E glazing on windows. An efficient irrigation system and plumbing fixtures reduce water consumption by 20%. The building meets Leadership in Energy and Environmental Design (LEED) Silver standards.

Qualcomm Inc. maintains a dedicated energy webpage that provides its more than 8,000 employees with suggestions for reducing energy use at home and at work. Regionally, Qualcomm engages in a number of energy-related projects, including service as chair of several energy and climate change policy groups. To help educate industry peers, Qualcomm hosts events, including a regional energy summit (co-hosted by California Energy Commission Chairman Joe Desmond) and the first San Diego Regional Energy Office Solar Energy Conference.

Zoological Society of San Diego incorporates energy efficiency in its facilities and its wildlife educational programs, which teach visitors that conserving energy and water can help save wildlife. Facilities including the Beckman Center, Harter Veterinary Hospital and the "Monkey Trails" exhibit have energy-efficient lighting and HVAC systems. The zoo also participated in demand response programs, reducing electricity use by 20% during peak hours and operating irrigation systems during off-peak hours.

San Diego County's Department of Housing and Community Development adopted incentives to encourage affordable housing owners and developers to invest in energy efficiency. To promote the program, the department conducted a workshop on energy-efficient design as well as available utility incentives and tools. The county also upgraded heating, ventilating and air conditioning (HVAC) systems at four facilities and plans to make similar changes at five additional facilities.

University of California San Diego (UCSD) saved 3.4 million kWh and nearly 684,000 therms of natural gas through retrofits. UCSD also participates in the Green Campus pilot program, which empowers college students to help manage the school's energy use. The UC system directs individual campuses to emphasize energy efficiency in capital projects and reduce use of non-renewable fuels. All new buildings are designed to meet LEED Silver standards.

San Diego City Schools (SDCS) is building 15 new energy-efficient schools, financed by Proposition MM (a bond measure). The schools will outperform California's tough energy standards by 30%. Other SDCS energy initiatives include photovoltaic roofing and lighting retrofits. Students learn conservation measures in the classroom, and the district's website provides staff and parents with energy-saving tips for home and work. Since 1994, SDCS' efforts have saved \$90 million and 621 million kWh.

Vista Unified School District saves \$132,000 in utility costs and reduces greenhouse gas emissions by nearly 750,000 lbs. each year. Following an energy audit of its 24 schools, Vista Unified replaced all T12 fluorescent lights with efficient T8 lights, installed electronic ballasts and occupancy controls, and replaced 119 existing HVAC units with energy-efficient models. The project raised awareness among students, teachers and parents about how efficiency saves money and helps the environment.

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Funded by the California ratepayers under the auspices of the California Public Utilities Commission.