

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!

Adura Technologies developed easy-to-install wireless controls that cut electricity costs for fluorescent lighting as much as 65%. Designed for open-plan offices, the controls turn lights on/off using a combination of manual switches, occupancy sensors, photosensors and timers. By eliminating wiring, Adura's approach is a cost-effective way to give cubicle workers control of their lighting, while automatically reducing excess light. Lighting accounts for almost 40% of electricity usage in California's commercial buildings.

Finelite helps schools save 30-50% on energy usage through an integrated classroom lighting system (ICLS). The ICLS consists of efficient T8 fluorescent lights, electronic ballasts, reflective fixture material and easy, low-voltage plug-and-play wiring that minimizes installation costs. The ICLS also improves indoor lighting levels and provides teachers with flexible, centralized controls. Finelite's ICLS performs 25% better than California's tough energy efficiency standards.

Intel Corporation's new energy-efficient computer chips could save consumers worldwide \$1 billion each year. The chips, which will be released in 2006, use as little as 5 watts for portable computers, 65 watts for desktop computers and 80 watts for server computers. (A standard desktop computer consumes 120 watts when idle.) In addition to the chips, Intel is collaborating on new technology that could boost laptop battery life by 30%.

Lumileds Lighting's Luxeon light-emitting diode (LED) products generate as much as 60 times more light than similar products. A Luxeon LED can operate for 12 hours a day and last more than a decade. These lights are commonly found in traffic signals — a signal using Luxeon LEDs uses 90% less electricity than an incandescent signal.

San Mateo County Community College District cut energy use 56%, saving more than 7.2 million kWh and \$1 million, helping the state eliminate 3,200 tons of greenhouse gas emissions in 2005. Savings stem from efficiency improvements, including efficient lighting and cogeneration units that reuse waste heat from onsite electricity generation to provide heating, to 55 buildings across three campuses. All new construction is as much as 42% more energy-efficient than California's tough energy standards require.

Power Integrations saves consumers more than \$1 million every day. The company's integrated circuits (ICs) increase the efficiency of common household, office and industrial electronic devices. The power supplies of products using the company's ICs operate at efficiency levels exceeding 80% in active mode and 75% when in standby mode. Since 1998, Power Integration's ICs have saved more than 11 billion kWh and, worldwide, reduced greenhouse gas emissions by 7 million tons.

Metreon has cut power consumption by 39% for an annual savings of \$750,000 since 2001 (based on 2000 levels). Metreon integrated energy management controls, occupancy sensors and efficient T8 fluorescent lights into its more than 390,000-sq.-ft. entertainment complex in downtown San Francisco. Metreon also installed new ventilation systems that operate based on demand, delivering energy savings by tailoring airflow to occupancy levels in its 16 theaters.

Seagate Technology reduced electricity usage 11% at its Fremont-Milpitas facilities even though production increased in 2005. An innovative water reclamation system saves more than 12 million gallons of fresh water annually, reducing the need for electricity. Seagate Technology also saved energy by installing variable speed drives and a high-efficiency evaporative cooler in its heating, ventilating and air conditioning (HVAC) system. All energy efficiency policies are part of Seagate Technology's "Global Citizenship" program.

© 2005 Flex Your Power Award Winner
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.

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