



Southern California Edison's traditions of environmental protection and reliable service are continuing as we upgrade our systems and add new power resources to accommodate California's growing economy.

Renewables Yield Benefits

SCE provides more electricity from renewable resources—including geothermal, wind and solar power— than any other utility in the nation. The portion of our customers' electricity that comes from renewable resources is rapidly approaching our 20% goal. In addition to



environmental benefits, renewable resources contribute to diversity in electricity supply sources, which helps maintain reliability and regulate costs.

Energy Efficiency Delivers Tons of Prevention

SCE helps customers reduce their electricity demand with energy efficiency programs. Some of these

programs provide cash awards and other incentives for buying and installing compact fluorescent light bulbs, energy-efficient air conditioning and other energy and money-saving devices.

Other customer programs provide incentives for agreeing to reduce electricity demand when power supplies get tight. Through SCE programs in 2004, customers:

- Reduced electrical energy consumption by 1 billion kilowatt-hours a year--the kWh usage of more than 140,000 households per year.
- Prevented emissions of about 600,000 tons of carbon dioxide, a greenhouse gas, by helping customers use electricity more efficiently.
- Reduced demand for electricity at peak by 170 megawatts, the power required by 127,500 homes on a summer afternoon.

Protecting the Environment and Building for the Future

Assuring adequate power supplies and electricity delivery pathways for a growing California economy will require major construction. That construction can span sensitive ecosystems, including deserts, rivers and streams, and other natural areas that shelter threatened and endangered species.

SCE's Endangered Species Alert Program has been used to ensure our operation and maintenance activities avoid impacts to listed or sensitive species. It has been applied in the planning of major power transmission projects through the Colorado desert in Arizona and California and the Antelope Valley area, as well as to plans for a major new substations in Orange County.



Coastal Enhancements Enrich Shore Environments

As part of required environmental mitigation for the San Onofre Nuclear Generating Station, we sponsor three projects:

- Construction of a 150-acre artificial kelp reef near San Clemente to create a habitat for valuable fish and other aquatic species.
- Restoring 150 acres of coastal wetlands at Del Mar, near San Diego, to provide breeding grounds for fish and protected bird species.
- Co-funding of the Hubbs/Sea World Research Institute fish hatchery in Carlsbad, which releases 100,000 young sea bass to the ocean every year.

SCE Recycles Materials and Prevents Waste

SCE's Waste-Not recycling program began as a grass-roots employee recycling program in 1993. Today, the program is a company-wide, trademarked program that includes prevention, reuse, "green" purchasing, recycling and waste management components.

In 2004, employees reduced 42,000 tons of greenhouse gas emissions, saved 500,000 trees, and saved enough energy to provide power to 14,000 California households by recycling over 40,000 tons of paper, metal, compostable and other materials. By recycling 80% of all waste materials generated in daily operations, SCE saved over \$6 million waste handling fees in 2004.

Edison Forestry Reflects Nature and the Community

Before 1850 the forest ecosystem in the Shaver Lake area of the High Sierra, where SCE operates its Big Creek hydroelectric complex, was in perfect balance. Water, fire, vegetation and wildlife species were maintained by the forces of nature. Beginning in 1850, however, many of these resources and relationships were disrupted by an array of human impacts.

Today, the lands around Shaver Lake are managed by Edison Forestry to restore the forests back to a pre-1850 state. We apply two primary practices to restore the forest to pre-European conditions, uneven-age timber management and prescribed burning.

Our management practices, in turn, are producing thriving wildlife populations on Edison lands. There are over 200 different wildlife species in SCE's forest lands, including fisher and bald eagles, spotted owls, pileated woodpeckers, great gray owls, bear, deer and mountain lions.

Edison's forest management team also strives to meet the needs of people in the Shaver Lake area. Community based forestry benefits local residents, as well as vacationers who enjoy boating, camping and other leisure activities in the Shaver Lake area. Edison involves community members in land management through volunteerism, education, service, and the support of community organizations.





Electro-Drive Aids Air Quality and Electric System Efficiency


Electro-drive technology's uses continue to expand in all types of fleet and personal applications, including airport ground support equipment, shuttle buses, forklifts, golf carts, and lawnmowers.

Electro-drive plays a significant role in improving air quality. SCE's electric vehicle (EV) fleet alone has eliminated thousands of tons of tailpipe emissions and air pollutants. Our EVs have also saved hundreds of thousands of gallons of gasoline and eliminated the use of thousands of quarts of motor oil.

Since most EV charging occurs at night, electro-drive saves our customers money and eases the demand on our electrical system, helping California to avoid tight power supply situations.



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SCE's Environmental Commitment

Reliability, Protection and Growth



FOR OVER 100 YEARS...LIFE. POWERED BY EDISON