**Advanced Energy Strategies by Environmental Stewards**

Edison International’s business units, Edison Mission Group (EMG) and Southern California Edison (SCE), operate dynamic power generation and distribution portfolios and practice nationally recognized environmental stewardship. Following are examples of how this Fortune 200 company harmonizes these strategic objectives.

**Leading Renewable and Alternative Power Advocates**

SCE is the nation’s leading purchaser of renewable energy – buying and delivering to customers almost 13 billion kilowatt-hours per year. The company buys one-sixth of all U.S. wind, solar, biomass, and geothermal power generation – enough renewable energy to power 154,000 homes.

Wind energy projects are the fastest growing part of EMG’s business. The company recently announced an agreement that could result in as much as 1,000 megawatts (MW) of wind energy projects for mid-Atlantic markets. A joint EMG-BP venture known as the Carson (Calif.) Hydrogen Power Project will convert petroleum coke into hydrogen fuel for generation use, while sequestering carbon dioxide in oil fields.

**Support for Customer-Installed Renewable Generation**

Supporting the leadership of state policymakers, SCE offers financial rebates to help customers invest in renewable generation and a program that reduces electricity bills when customers produce energy.

**Energy-Efficiency Leadership**

For more than a quarter of a century, SCE has offered its customers award-winning energy-efficiency programs to help them save energy, reduce their bills, and improve the environment. SCE also collaborates with industry and public agencies develop advanced, high-performance buildings for school, home, and office applications.

During the past five years, SCE’s energy-efficiency programs have saved more than four billion kilowatt-hours (kWh) – enough energy to power 500,000 homes for an entire year. The programs have reduced greenhouse gas emissions by more than two million tons – the equivalent of removing 250,000 cars from the road. During the next two years, SCE will help customers save an additional two billion kWh, reducing greenhouse gas emissions by another one million tons.

**Industry-Leading Intelligent Grid and Advanced Metering Initiatives**

SCE’s industry-recognized advanced meter project, Edison SmartConnect™, will replace the utility’s almost five million traditional utility meters with a revolutionary new two-way communication device providing customers and the utility with significant ways to reduce peak energy demand, providing better stewardship of energy supplies and the utility’s infrastructure. When fully deployed, SCE predicts the advanced system will shave as much as 1,000 MW off its customers’ peak demand for energy. Several organizations – DOE GridWeek, Utility Planning Network, and the Electric Power Research Institute (EPRI) – have named Edison SmartConnect™ the nation’s leader.

**A Pioneer in Advanced Electric Transportation**

SCE operates the largest U.S. fleet of electric vehicles, almost 300 EVs that have traveled over 14 million miles, reducing greenhouse gas emission by more than 7,500 tons. The utility was first to convert a heavy-duty utility bucket truck to plug-in-hybrid capability, and is now testing a production gasoline-hybrid version at its nationally recognized Electric Vehicle Technical Center. In partnership with EPRI and DaimlerChrysler, SCE is currently demonstrating two of the nation’s first plug-in-hybrid fleet vans. SCE won the 2006 EPRI Power Delivery & Markets Award for its work on plug-in-hybrid utility trucks, vehicles that produce 48-62 percent lower greenhouse gas emissions.

**Other Ways Edison International Merges Energy Leadership and Environmental Stewardship**

- SCE’s artificial reef project designed to protect plant life and fish near the San Onofre nuclear power plant
- Edison’s Waste Not employee program that recycles 35,000 tons of waste materials annually, preventing more than 28,500 metric tons of greenhouse gas emissions.