



# Southern California Edison Backgrounder

Contact: Corporate Communications: 626-302-2255, [www.edisonnews.com](http://www.edisonnews.com)



## Southern California Edison Company Profile

Southern California Edison (SCE) is the largest electric utility in California and one of the nation's largest investor-owned electric utilities, serving more than 13 million people in 15 counties of Central, Coastal and Southern California. Based in Rosemead, Calif., the utility has been providing electric service in the region for more than 120 years. SCE is a subsidiary of Edison International (NYSE: EIX), which also is headquartered in Rosemead.

SCE's service territory includes about 430 cities and communities with a total customer base of about 4.8 million residential and business accounts. As of September 2008, SCE had consolidated assets of nearly \$29.8 billion. SCE is regulated by the California Public Utilities Commission and the Federal Energy Regulatory Commission.



### Generation

SCE generates about 35 percent of the electricity it provides to customers, with an owned

generation capacity of about 4,774 megawatts. Major energy-producing assets include San Onofre Nuclear Generating Station in San Clemente, Calif.; Mountainview Power Company, LLC, a natural gas-fired plant in Redlands, Calif.; hydroelectric facilities in the Sierra and San Bernardino Mountains; a new solar generation project; and part ownership in several other plants.

### Fuel Mix

The company provides electricity to its customers generated during 2007 by the following fuel types: 48 percent natural gas; 21 percent nuclear; 16 percent eligible renewables (solar, wind, small hydro, biomass and geothermal); 9 percent coal; and 6 percent large hydroelectric. SCE is the nation's leading purchaser of renewable energy, delivering to its customers 12.5 billion kilowatt-hours of renewable energy during 2007.

### Power Grid

SCE has an extensive transmission and distribution system that includes approximately 12,000 miles of transmission circuits, 100,000 miles of distribution circuits and more than 1,400 substations. In order to continue powering Southern California's growing population and economy, SCE plans to invest approximately \$19.9 billion over the next five years to expand and strengthen its electric system infrastructure.



SCE operates one of the smartest grids in North America. During the summer of 2007, it activated the most advanced neighborhood distribution circuit in

operation, a test bed for the latest innovations in power delivery that are producing more reliable service with fewer, shorter outages.

### Energy Efficiency

During the past five years, SCE programs have helped customers save more than 4 billion kilowatt-hours, enough energy to power 500,000 homes for a year. A full range of demand response programs enable business customers to reduce or shift power consumption when statewide energy supplies are low to earn financial incentives and other benefits. Other programs are available to residential customers who are able to reduce energy usage during peak demand periods.

### Edison SmartConnect

In 2007, the company began field testing its new Edison SmartConnect system – advanced electricity meters that will provide new options to help customers manage their electricity use and bills. SCE plans to install approximately 5 million advanced meters by 2012.



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