

Edison SmartConnect™



BUILDING A SMARTER, CLEANER ENERGY FUTURE WITH OUR CUSTOMERS

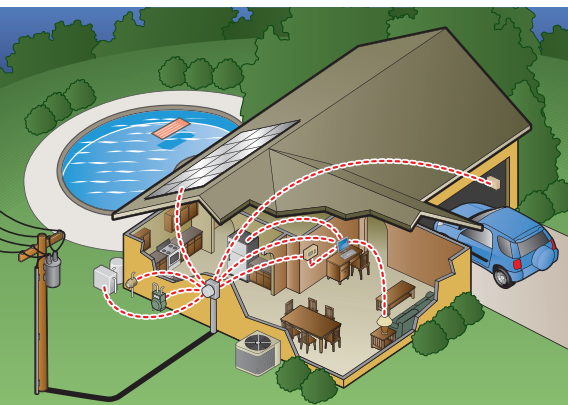
WHAT IS EDISON SMARTCONNECT?

Edison SmartConnect is Southern California Edison's (SCE) smart metering program. The program is among the nation's most advanced smart metering systems, and was designed with a focus on the customer at every stage of development. The new **Edison SmartConnect** digital meter and two-way communications system will empower customers to more effectively manage their electricity use, helping them save energy, money, and the environment.

Between 2009 and 2012, SCE plans to replace approximately 5 million electric meters for residential and commercial customers below 200 kilowatts in demand with "next generation" smart meters.

THE SMART METER DIFFERENCE

What can a smart meter do that the current mechanical meter cannot? Today's electric meters are limited to measuring monthly energy use data, which must be read manually. Smart meters collect hourly energy use data for the home and are capable of two-way communication. This means they can send and receive energy use and cost information from the home to the utility and back again, all through a secure wireless network.



Smart meters are also equipped with wireless radio chips inside to support home area networking. This will make it possible for the meter to communicate with "smart" appliances and

devices, such as smart thermostats and refrigerators.

SAVING ENERGY, MONEY AND THE ENVIRONMENT

What if you could see how your actions affect your home energy use and cost on an hourly or daily basis? Would this information help you make better energy use decisions?

Edison SmartConnect's advanced communications system will enable customers to view near real-time energy use information from a computer, cell phone, or other device. In the same way a car's instant miles-per-gallon readout leads to better gas conservation, customers will be able to conserve more electricity when they know how much they are using and spending.

The system will also alert customers to periods of peak electricity demand by sending messages directly to smart appliances and devices. It will allow customers to program these devices to respond to energy use preferences based on cost, comfort and convenience. For example: the smart meter will communicate with a home's Programmable Communicating Thermostat to maintain a certain temperature during specific times of the day, or to automatically respond to peak electricity demand, by adjusting or turning off appliances and devices.

To better fit the way you live and use energy, the **Edison SmartConnect** system will make new dynamic pricing plans available. They will include rebate programs for peak time energy use reduction and time-of-use (TOU) rates for residential customers. Remote service activations will also be made possible, enabling the nearly 1 million SCE customers who relocate each year to activate service when they need it, instead of waiting for a visit from an SCE representative.

Edison SmartConnect will provide long-term environmental benefits. Customers using smart communicating appliances, devices and dynamic pricing programs are expected to reduce overall peak power consumption by an estimated 1,000 megawatts — the approximate output of a major power plant.

SCE's new meters will also be able to "talk" through home area networks, providing customers with personalized energy use and cost information. Sustained energy conservation resulting from customer response to their energy use information is expected to reduce the emission of greenhouse gases and smog-forming pollutants by an estimated 365,000 metric tons per year — the equivalent of removing 79,000 cars from the road.

Edison SmartConnect will contribute to the widespread adoption of smart appliances and devices, solar installations, plug-in vehicles, energy storage units, and other future green technologies—helping build a smarter, cleaner energy future with our customers.

FREQUENTLY ASKED QUESTIONS

When are smart meters coming?

SCE's smart meter installations will begin September 2009 in the Whittier area and neighboring communities, with plans to complete about 5 million installations by the end of 2012.

How will I know when I'm getting my new smart meter?

Customers will receive a pre-installation letter notifying them that their meter will soon be replaced. On the day of installation, customers will receive a door hanger message. It will either confirm the meter installation, or advise of an access issue that requires the customer to call SCE's installation vendor to schedule installation.

How long will it take to install the new smart meter at my home or business?

Installing an **Edison SmartConnect** meter will take approximately five to ten minutes, the same amount of time as installing an existing meter.

Will the smart meter installation interrupt power for my home or my community?

On a typical residential or small commercial installation there will be a short power interruption of less than one minute. Typically, on larger commercial installations, no service interruption is required to exchange the meter.

Replacing millions of meters must be costly. Who pays and how much will it cost?

The program is expected to contribute an approximate 1.5 percent increase in customer rates during the four-year installation timeframe. This slight increase, expected to take effect in 2010, will not be applied as a line item to customer bills, rather it will be incorporated in the overall electricity rate. However, customers can more than offset the cost by adopting the programs and services that will be available through **Edison SmartConnect**, which are expected to generate monthly savings of 5 percent or more.

Can I sign up to receive a new smart meter?

SCE is taking a thoughtful approach to its smart meter installation plan. Planning criteria includes consideration for safety, customer satisfaction, resources and the four-year completion timeline. While the geographic installation schedule does not allow for smart meter requests at this time, SCE is working to publish the deployment schedule on www.sce.com.

Will new smart meters and time-of-use rates mean even higher electricity bills?

The financial benefits of **Edison SmartConnect** will exceed the costs. Dynamic pricing, including time-of-use (TOU) rates, will be available to customers with smart meters beginning in mid-2010. For example, customers who reduce energy use in the peak afternoon hours will be able to save energy and money.

Will the smart meter monitor my electricity usage?

The smart meters will measure electricity usage on an interval basis for residential and small commercial customers. Measurement will not be specific to any appliance or other electrical device. SCE will receive the data and communicate it back to our customers over our website to help them understand how their activities impact their energy use and cost. The data will also allow SCE customer service representatives to recommend energy and money savings programs to customers.

SCE maintains strict confidentiality and privacy policies and uses state-of-the-art technologies to safeguard customer information. The **Edison SmartConnect** program was designed for customer choice, allowing customers to decide which programs may best help them manage their energy use.

How secure is the system and my energy usage information?

SCE has conducted extensive security planning and testing, and has developed security solutions, many which were adapted from the banking and defense sectors. All information transmitted between the customer meters and the utility is encrypted using U.S. Government-approved and recommended standards. Similar security standards have been implemented for information transmitted between the utility meter and customer-owned smart communicating appliances.

FOR MORE INFORMATION

To learn more about **Edison SmartConnect**, visit us online at www.sce.com/smartconnect.

An Edison International (NYSE:EIX) company, Southern California Edison is one of the nation's largest electric utilities, serving a population of nearly 14 million via 4.9 million customer accounts in a 50,000-square-mile service area within Central, Coastal and Southern California.

NR-267-V4-0609



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