



SOUTHERN CALIFORNIA  
**EDISON**<sup>®</sup>

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Contact your account representative for additional information and assistance.

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**SCE Home Page**

– [www.sce.com](http://www.sce.com)

**Energy-Related Learning**

– [www.sce.com/ctac](http://www.sce.com/ctac)  
– [www.sce.com/agtac](http://www.sce.com/agtac)

**Statewide Transmission System Status**

– [www.caiso.com](http://www.caiso.com)

**Utility Regulation**

– [www.cpuc.ca.gov](http://www.cpuc.ca.gov)  
– [www.energy.ca.gov](http://www.energy.ca.gov)



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**POWER BULLETIN**

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**INDUSTRIAL SEGMENT**

*The Power Bulletin newsletter is meant to be an aid in understanding programs and incentives administered by SCE to help your business reduce energy. Programs and incentives covered in this newsletter are subject to funding availability and policy changes. Please consult your account representative for more information on any incentives/programs mentioned in this issue.*

# Help Your Business Thrive in CA With SCE's Economic Development Resources

Given today's challenging economic climate, Southern California Edison's (SCE) Economic Development Services Team serves as a critical resource for businesses to prosper, with programs and services that help lower operating costs, increase productivity and make staying in California economically viable.

Working in conjunction with the Business Development Team, SCE's Economic Development Services project managers provide one-on-one specialized support by:

- Offering site/location assistance, including comparisons of location-related alternatives.
- Providing information on access to location incentives and tax credits, as well as redevelopment project area information.

- Assisting with streamlining permitting and approvals (i.e. for expansions).
- Working with local, city and state partners to provide financing and access to capital, equipment loans and funding for workforce training programs.
- Performing target market and economic impact analyses, and monitoring innovative technologies and product development.

**GIS Toolset: Map Your Future**

Recent updates to the SCE Economic Development online GIS Toolset and Industrial Building and Site Database can help you further plug into Southern California incentives and resources.

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The toolset/database allows you to research opportunities for growth three ways:

**Site Location:** Use the tool to select an industrial building or available property and get full details, plus run demographic and business data reports based on selected radius criteria.

**Industry:** Browse through key industry listings, select an industry and have it populate on the map. Also, see supplier sources and competitive companies in nearby areas.

**Marketplace:** Research the area surrounding selected buildings or sites and identify statistical advantages based on demographic data.

The latest features offer more than 2,000 available industrial buildings and sites covering the entire region; a one-stop database populated with comprehensive demographic and market-related information; and the only web-based mapping overlay of existing state and federal business incentives zones in Southern California.

For more information on how you can benefit from all of SCE's Economic Development services, contact your account representative or visit [www.sce.com/economicdevelopment](http://www.sce.com/economicdevelopment) (see the upper right-hand side for the GIS program link).

## Customers Benefit From SCE Energy Efficiency Technology Assessments

To help California meet aggressive energy efficiency and greenhouse gas emission reduction targets, and customers improve their bottom line, SCE is playing a key role in bringing new cost-effective, energy-saving technologies to the marketplace.

SCE, along with California's other investor-owned utilities (IOUs) and the California Energy Commission, work together through the Emerging Technologies Coordinating Council (ETCC) to evaluate new and emerging technologies that will meet customers' needs and benefit all Californians. Emerging technology initiatives are geared to help the state's IOUs implement programs to help customers reduce operating costs and save electricity.

One energy-saving technology for both industrial and commercial use is the Automatic Fume Hood Sash Control System. This technology involves the use of an occupancy sensor which lowers the position of the fume hood sash to the minimum position whenever no one is working in the hood. By so doing, the exhaust air and make-up air to the hood are greatly reduced. A considerable amount of fan energy, heating and cooling energy can be saved—approximately 22,000 kilowatt-hours per average fume hood.

## Energy Efficiency Portfolio Enhancement

The vision of the Emerging Technologies Program is to increase market demand and supply of new and/or underutilized energy efficiency measures including technologies, processes and tools. By developing new measures, and increasing the market demand for these measures, the utilities will have more to offer in their energy efficiency programs, customers will be able to save more energy, and we will move closer to California's environmental and energy goals such as zero net energy.

SCE has numerous emerging technology projects and assessments in progress. To obtain more information on emerging technologies—including the state-of-the-art Technology Test Centers (Refrigeration, HVAC, Lighting, Power Quality and soon-to-come Zero Net Energy Test Center), technology-related education and more, contact your SCE account representative.

For more information on the work of the statewide Emerging Technologies Coordinating Council (ETCC), visit [www.etcc-ca.com](http://www.etcc-ca.com).

### Get Convenience and Savings With Online Billing

For a faster, more convenient way to receive and pay your electric bill, enroll in SCE's free My Account service, which allows you to manage your account(s) online at [www.sce.com](http://www.sce.com).

My Account's secure 24-hour access puts three years of billing and usage history at your fingertips. With paperless Online Billing, you can reduce the operating costs associated with bill processing and document storage and help the environment by eliminating paper waste.

For more information, and to enroll, contact your account representative or visit [www.sce.com/paperless](http://www.sce.com/paperless).

## INDUSTRIAL SEGMENT FOCUS

### General Mills Nourishes Sustainability With Energy-Saving Projects

When one of the world's leading food companies looked to improve the energy efficiency of a cold storage facility in Southern California and also expand to accommodate its products' sales growth, it turned to SCE for assistance—with impressive results.

Working with SCE and a contractor through the Industrial Energy Efficiency Program, General Mills invested in a new refrigeration control system, which included the installation of variable frequency drive control panels for air coolers and new program software for performance monitoring.

For this project alone, General Mills received an incentive of more than \$110,000, with savings of 788,000-plus kilowatt-hours (kWh). According to Customer Service Facility Manager Scott Cassman and Financial Analyst Lyn Bolt, because of the upgrade, the facility is using 27% less electricity than it did before, and is trending to save about \$100,000 in electricity costs this year.

### Expanded Savings

When it came time to increase the size of the facility, Cassman noted, "The refrigeration upgrade allowed the expansion to occur without any real increase in energy usage and in capital investment."

General Mills completed the approximately 50,000-square-foot expansion under the Savings By Design Program, which provides project assistance and financial incentives for the design and construction of energy-efficient buildings and installation of high-efficiency building systems. General Mills received an incentive of more than \$37,600 for this project, with savings of nearly 332,500 kWh.

Cassman noted that the energy efficiency gained from the initial refrigeration upgrade allowed General Mills to avoid purchasing a \$150,000 compressor for the expanded facility. Before the upgrade and expansion the company ran two compressors most of the time, while today it typically needs to run just one, in about the 90% range.

As Cassman explained, "We're working with much less energy and yet refrigerating significantly more space. We've also gained the ability to cycle through our compressors to give each of them downtime and extend the life on them. It's very, very good."

### A Partnership for Sustainability

At General Mills, the projects completed with SCE's support tie in closely with its mission of "Nourishing Lives" and its goal of being one of the most socially responsible food companies in the world. The more than 1.1 million kWh in combined savings from the upgrade and expansion equate to displacing more than 1.1 million pounds of carbon dioxide emissions.

"Sustainability is one of our major topics," Cassman said. "Amongst our facilities and distribution centers there's not a meeting that goes by where sustainability doesn't come up."

For its Southern California operations—General Mills serves the entire Western region out of the Dominguez Hills facility—the company continues to look to SCE as a valuable partner to help it save energy, and in the process keep costs down and protect the environment.

"It's 100% clear the importance SCE puts on energy management and working with companies to find energy savings," Cassman said. "The service we've received from our account executive, Tara Becnel, and SCE as a whole has really been impressive."

He added, "She's clearly been dedicated to learning our business and needs and making sure she helps provide beneficial solutions. It's become a real collaborative relationship on how we can improve our energy usage."

To learn more about how you also can benefit from SCE's wide array of energy management programs and services, contact your account representative or visit [www.sce.com/b-rs/large-business/](http://www.sce.com/b-rs/large-business/).



Working with SCE, General Mills upgraded and expanded its Dominguez Hills Customer Service cold storage and shipping facility, with combined savings of more than 1.1 million kWh from the projects.