

Perfecting Pizzas in Energy-Efficient Ovens

TJ's Woodfire Pizza in Orange County worked with SCE's Foodservice Technology Center to save energy without sacrificing quality.

Time and efficiency are of the essence for Tim Gonzales — a rising pizza chef and entrepreneur in Orange County during evenings and weekends, and a busy insurance broker by day. He's also a dedicated family man with three children.

Six years ago he ventured into the food truck business with TJ's Woodfire Pizza, which became popular in the Irvine area for its staple Neapolitan pizza using a traditional wood-fired oven. He opened a brick-and-mortar near his hometown of San Clemente last year, bringing Sicilian-style, New York, and Chicago cracker-thin pizzas into the mix.

Gonzales, who loves to play with flour and dough, wanted to test different types of ovens to see how they would work with his doughs and a new expansive menu. This led him to SCE's [Foodservice Technology Center](#) — a demonstration and testing kitchen that showcases the latest energy-efficient commercial foodservice technologies and equipment.

"We wanted to be efficient," said Gonzales of his decision to go environmentally friendly. "We have to run ovens throughout the day and we didn't want costs to be through the roof or use a ton of energy."

Deck Oven Savings: Up to 7,300 kWh Annually

The foodservice industry is among the most energy-intensive and a commercial kitchen can use more than twice as much energy than the dining area.

SCE encourages restaurants and foodservice customers who are planning to purchase new equipment like ovens, refrigerators, and ventilation systems to come in and test the energy-efficient equipment at our Foodservice Technology Center. It's free consultation with an unbiased recommendation.

Gonzales tested his new menu items in the electric ovens with SCE testing engineers on hand to assist with any questions. They also tasted the delicious samples.

"The people at the center were very helpful and informative, and the testing kitchen had a good wide-open area. It was a fun experience," said Gonzales. "Our new ovens are extremely efficient. We only run it during open hours, and we don't have to turn them on hours ahead of time."

SCE customers can save up to 7,300 kilowatt-hours (kWh) annually per deck oven and reduce costs through a program for energy-efficient deck ovens offering incentives up to \$1,275 on qualifying products.

Gonzales said gas ovens would have been cheaper upfront, but the newer electric ovens provide a wider range and easier control over heat temperature.

This flexibility helps him focus on more important tasks — like perfecting his next pizza creation.

"I'm always messing with the ovens to come up with new products."



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This case study is provided for your general information and is not intended to be a recommendation or endorsement of any particular product or company, or a representation of any actual or potential future energy or monetary savings for other customers.

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The information contained herein does not replace pricing information contained in any CPUC-approved tariff. Please refer to the tariffs for the programs described for a complete listing of terms and conditions of service, which can be viewed online at www.sce.com/regulatory.

Your Resource for Power Outage Information

Learn more about our processes for maintenance and repair power outages, as well as outage communication resources and tools, at one of our upcoming free 1.5-hour Customer Outage Schools being held throughout the region. All courses take place from 10 a.m. to 11:30 a.m. Upcoming dates and locations include:

- March 2, Irwindale
- March 7, Thousand Oaks
- March 23, Palm Springs
- March 28, Tulare
- March 30, Valencia
- April 6, Ventura
- April 11, Webinar
- April 13, Wildomar
- April 20, Long Beach
- April 27, Santa Monica

For registration and the schedule through October, visit our [Outage School Registration Page](#). Also find more resources at our [online Outage Center](#).

Innovative Storage Facility at SCE Substation Allows for More Renewables

A new, large lithium-ion battery storage facility recently unveiled at our Mira Loma Substation in Ontario is a result of a collaboration between SCE and Tesla, the vendor selected for the innovative project. These batteries can be charged when demand is low and store up to 80 megawatt-hours, enough energy to power 15,000 homes for four hours.



The new Mira Loma Battery Storage Project can store up to 80 megawatt-hours, enough energy to power 15,000 homes for four hours.

"This project is part of our vision at Southern California Edison to take advantage of the wind and the sun, and operate a flexible grid that delivers clean energy to power our homes, our businesses, and our vehicles," said Kevin Payne, CEO of SCE.

The battery storage contains two 10-megawatt systems, each containing 198 Tesla Powerpacks and 24 inverters. The modular system allows it to be connected to two separate circuits at the Mira Loma Substation. The batteries can charge when there is more renewable energy than demand, and supply that energy to customers during peak hours. This enables greater use of clean energy technologies, such as residential solar, and will help California meet its energy and climate change goals.

Learn more about this new project on our [website](#).

Black History Month: Celebrating Businesses and Community Partnerships

Joining the national celebration of Black History Month, SCE recently recognized African-American-owned businesses, community leaders, and nonprofit organizations from across Southern California at our 15th annual Black History Month customer celebration. The event took place at our Energy Education Center in Irwindale, with a second customer celebration to occur at our Energy Education Center in Tulare on Feb. 24, 2017.

The event featured recognition of the following African-American business customers for their service as energy efficiency champions, their commitment to economic growth, and their work to strengthen local communities.

Energy Efficiency Participation Award:

The Original Mommie Helen's Bakery: Located in San Bernardino, this small business has a large business mindset for saving energy. The bakery has installed energy-efficient commercial appliances and light-emitting diode (LED) fixtures, plus participated in our demand response Summer Discount Plan. It also completed our Direct Install program by putting in hydraulic door closers, plug load occupancy sensors, and lighting, for a savings of approximately 4,500 kilowatt-hours and 2.5 kilowatts of demand.



(Left to right) Edison International President and CEO Pedro Pizarro; and The Original Mommie Helen's Bakery owners Tedra and Bobbie Rose.



(Left to right) Janet Clayton, senior vice president of Corporate Communications, Edison International; Chris Thompson, vice president of SCE Local Public Affairs; Bridge Builders Foundation Treasurer Earl Jones; and Bridge Builders Foundation President Wayne Moore.

Community Partnership Award:

Bridge Builders Foundation: The Bridge Builders Foundation focuses on uplifting academic achievements of African-American and other minority youth in the Los Angeles area. Its programs include annual scholarships for graduating high school seniors, along with mentoring and tutoring opportunities. Currently, the Foundation's core educational programs serve more than 300 students annually.

Diverse Business Enterprise Award:

Black Business Association (BBA): The BBA (headquartered in Los Angeles) advocates for and advances the development and growth of African-American-owned businesses that help contribute to the self-determination, economic growth, and prosperity of African-American communities. The BBA creates a strong economic base that nurtures, empowers, and supports the ongoing success of these communities and our society at large.



(Left to right) SCE Principal Manager Eric Fisher; SCE Supplier Diversity representative Gloria Burton; LA BBA Board Member Rosalind Pennington; and LA BBA President Earl "Skip" Cooper.

If you are interested in our upcoming annual customer heritage events such as Asian American Pacific Islander Heritage Month in May and Hispanic Heritage Month (celebrated from Sept. 15 to Oct. 15 each year), including potential opportunities for recognition, contact your SCE Account Manager for details. Additional background information and registration options are available at sceheritageevents.com.

Also follow us on Twitter @SCE_Business and @SCE_Communities, and join our Business and Community Partnerships [Facebook](#) page, to learn more about our business programs and community initiatives. For more details on SCE's diversity commitment, cultural awareness, and outreach, visit sce.com/diversity.