

## School District Earns High Grades for Efficiency

It was back in 2011 when the Temecula Valley Unified School District (TVUSD) took its first deep dive into the benefits of reducing energy consumption. Like many in the education sector, TVUSD faced, and continues to face, budget and funding challenges. Lowering energy costs became a key area of interest for the school district in its push to save money where it could.

As a first step, TVUSD established a comprehensive energy conservation program aimed at lowering the use of electricity, natural gas, and water. “We have two dedicated energy managers,” explained Janet Dixon, director of facilities for TVUSD. “The investment of their time has come back many times over.”

The proof is in the savings. Since 2011, the school district has saved nearly \$5 million (and counting) in operating costs.

### *Paying Less for Heating and Cooling*

As part of its ongoing efficiency efforts, TVUSD enrolled in our HVAC Optimization Quality Maintenance program. The program provides a streamlined process to reduce heating and cooling costs through system optimization and routine maintenance.

Improving building comfort is another huge benefit, especially in a school setting. Studies show that a more comfortable classroom setting can lead directly to greater focus and academic achievement. Other benefits include healthier indoor air quality, which reduces the threat of airborne illnesses, and fewer maintenance issues that can result in unplanned downtime and costly repairs through the annual budget.

To ensure Quality Maintenance lives up to its name, all work is performed by contractors specially trained in boosting HVAC efficiency. Their work must also meet the recommendations of Standard 180, the highest available industry standard for commercial HVAC performance.



*As part of its ongoing efficiency efforts, the Temecula Valley Unified School District participates in our HVAC Optimization Quality Maintenance program, which offers a streamlined process to reduce costs for heating and cooling.*

Participating customers sign up for multi-year Maintenance Agreements tailored to their specific needs, and receive cash incentives in return. In the case of TVUSD, 27 building sites were enrolled with around 30,000 students, faculty, and staff. Because TVUSD is an owner-operator with its own staff of technicians, the district was able to use the Quality Maintenance program to train those technicians to perform the HVAC Optimization and maintenance services.

For each site, the technician assesses the current condition of the HVAC system and determines the appropriate tests and repairs to meet program standards. Regularly scheduled maintenance takes place throughout the course of the Maintenance Agreement, ensuring top-notch performance and persistent energy savings.

### *Redistributing Funds Back to the Classroom*

“Stakes were pretty high and there was not a lot of low-hanging fruit when our energy managers were hired. Utility expenses were the third-largest expense for the district,” said Dixon.

With every penny saved on energy and maintenance costs, TVUSD can now focus on redistributing those funds back into the classroom and other areas of need. That means a great deal for a school district that has faced annual energy expenses upward of \$5 million.

To learn more about SCE energy management solutions, ways to reduce your energy usage, and manage your energy costs, visit us [online](#) or call your SCE Account Manager.

### **Temecula Valley Unified School District: SCE Programs Utilized**

HVAC Optimization Quality Maintenance, including Variable Frequency Drive and Demand-Controlled Ventilation (VFD and DCV). Results:

- **Total paid incentives:** \$447,351
- **Total expected paid incentives**, over the lifetime of the three-year maintenance agreements: \$1,262,499

*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.*

*These programs are funded by California Utility ratepayers and administered by SCE under the auspices of the California Public Utilities Commission (CPUC). Programs are offered on a first-come, first-served basis and are effective until funding is expended or the program is discontinued. Programs may be modified or terminated without prior notice.*

*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](http://www.sce.com/regulatory).*



2016 Annual Water Conference

## **Sign Up Today for SCE's Annual Water Conference: Sept. 13-14**

Don't miss out on our 23rd Annual Water Conference, an engaging two-day event focusing on California's current water situation and efforts underway to advance energy, water, and state policy. The conference will take place Sept. 13-14, 2016, at our Energy Education Center-Irwindale.

The keynote speaker for the General Session is Kathleen J. Tieg, president of the Association of California Water Agencies (ACWA). The guest speakers include the manager of water policy & strategy at the Metropolitan Water District of Southern California, plus industry experts specializing in programs, policies, and technologies in the water-energy nexus.

The conference also provides an opportunity to hear from Southern California businesses that have successfully implemented energy efficiency, Demand Response, and other technologies to improve their bottom line.

Workshops and classes taught by industry professionals feature relevant topics, including Water Leakage Savings Measuring Methodologies (new), An Energy Tools Workshop for the Water Industry (new), Water-Energy Cost-Effectiveness Tools (new), Getting the Most From Your Electric Motor & VFD, and more.

For registration and more information, visit the [SCE Water Conference website](#).

**Coming up next:** Our 7th Annual Water Conference at the Energy Education Center-Tulare takes place Nov. 3. As at the Irwindale event, the keynote speaker is Association of California Water Agencies President Kathleen J. Tieg. Guest speakers are the principal owner of Aegis Groundwater Consulting LLC, and the executive director of the Tulare County Farm Bureau. Registration opens Sept. 22. Check back soon on our [website](#) to register and find out more event details

## SCE Marks Asian American Pacific Islander Heritage Month

SCE recently held our 11th annual Asian American Pacific Islander (AAPI) Heritage Month celebration at our Energy Education Center in Irwindale.

The event brought together Asian business and community partners, honored AAPI energy efficiency champions, and highlighted our mission to give back to the communities we serve. SCE President Pedro Pizarro spoke about our commitment to civic engagement, diversity, and inclusion.

### SCE's 2016 AAPI Award Recipients



*(Left to right) Kevin Payne, SCE senior vice president, Customer Service; SCE Account Executive Paul Yeh; Ariel Fan, Brighton Management energy operations manager; and SCE President Pedro Pizarro.*

### Energy Efficiency Participation Award:

#### Brighton Management

This Chinese-owned company, based in Irvine, owns or operates 45 major hotels. Through the properties' participation in our energy-efficiency programs such as Energy Efficiency Express Solutions, Brighton Management has reduced its annual power usage by 265,000 kilowatt-hours — resulting in \$42,400 in annual savings.

## Community Partnership Award:

### Center for Asian Americans Unified for Self Empowerment (CAUSE)

CAUSE focuses on transforming lives and meeting the AAPI community's diverse needs through philanthropic activities. With the Asian Pacific Community Fund, \$3 million has been awarded to affiliate agencies and community organizations to enhance the lives of 225,000 people in 27 Asian and Pacific Islander languages, in addition to English and Spanish.

*(Left to right) Tami Bui, SCE principal manager, Philanthropy, Corporate Communications; CAUSE Executive Director Kim Yamasaki; CAUSE Board Chair Charlie Woo; and SCE President Pedro Pizarro.*



## Diverse Business Enterprise Award:

### LTL Attorneys LLP

One of the country's largest minority- and women-owned law firms, its attorneys regularly volunteer in the community and work on high-profile pro bono cases. They also travel to refugee agencies and assist underprivileged children and victims of domestic violence, plus teach legal issues to Spanish-speaking immigrants.



*(Left to right) Thomas Suh, partner, LTL Attorneys LLP; SCE President Pedro Pizarro; Leon Bass, SCE director & managing attorney; and James Lee, partner, LTL Attorneys LLP.*

The event's keynote speaker was Nanxi Liu, CEO and co-founder of Enplug, Inc. — creator of one of the most popular software products worldwide to show interactive content on stadium and restaurant displays. While a senior at the University of California, Berkeley, she co-founded another successful start-up that develops polymers that enable vaccines to survive without refrigeration. The invention won her the 2014 Young Innovators Award sponsored by Microsoft and Nokia.

*(Left to right) Nanxi Liu, co-founder and CEO, Enplug, Inc. (keynote speaker); SCE Principal Manager Jessica Mack; and Hetty Chang, NBC4 Southern California reporter (event emcee).*



If you are interested in future customer signature events such as Hispanic Heritage Month, which is celebrated from Sept. 15 to Oct. 15 each year – including potential opportunities for recognition - contact your SCE Account Manager for details.

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 additional details on SCE's diversity, cultural awareness, and outreach, visit [sce.com/diversity](http://sce.com/diversity).