Annual Water Conference

Tuesday, September 9 – Wednesday, September 10, 2014
Southern California Edison’s Energy Education Center – Irwindale

SCE is proud to sponsor the 21st Annual Water Conference. Please join us as we focus on educating water and wastewater agencies on how to save energy, money and the environment.

TUESDAY, SEPTEMBER 9

21st Annual Water Conference General Session
8:00 a.m. – 9:00 a.m.  Registration, Continental Breakfast & Networking
9:00 a.m. – Noon  General Session
Noon – 1:00 p.m.  Hosted Lunch
2.5 Contact Hours, State Water Resources Control Board (Drinking Water Division: Water Distribution Operators)

Join us for a frank and relevant discussion of California’s current water situation and an update on efforts underway to advance energy, water, and state policy initiatives.

Visit our exhibitor booths to learn how Southern California Edison’s programs and services can help your business save energy.

All Things Renewable *UPDATED FOR 2014*
Instructor: Mary Brown, Poloi Lin, Robert Peralta & Eugene Sedeno
1:00 p.m. – 2:30 p.m.
Do you know all the latest about renewable self-generation, how legislation changes affect renewables, or how to sell renewable generation to SCE? This class will discuss the self-generation programs, including the California Solar Initiative and Renewable Energy Self-Generation Bill Credit Transfer, the Self-Generation Incentive, and the rebates and incentives that go along with the programs. Interconnection process will also be explained.

Outage Communication for Water Customers
Instructor: Tomaso Giannelli
1:00 p.m. - 2:30 p.m.
1.5 Contact Hours, State Water Resources Control Board (Drinking Water Division: Water Distribution Operators)
This informative seminar will provide water customers a better understanding of planned and unplanned utility outages. The discussion will include which SCE processes take place and the most effective means for customers to communicate with SCE during outages. Case studies, demonstrations, and discussions will address the complexity of preparing for outages and how to manage available resources during these events.

Keynote Speaker
Shawn Dewane
President
Orange County Water District

Guest Speakers
Darcy Burke
Director of Public Affairs
Municipal Water District of Orange County

Brandon Goshi
Manager of Water Policy & Strategy
Metropolitan Water District of Southern California

George Murdoch
Municipal Operations Department Director
City of Newport Beach

For more information, or to register, call or visit us online:
626.812.7537 or 800.336.2822
www.sce.com/workshops

Energy Education Center
Irwindale
6090 N. Irwindale Avenue
Irwindale, CA 91702
Efficiency, as well as understanding pump efficiency results. Systems, and effective management practices that ensure pumping cover practical issues and choices available regarding efficient pumping saving projects, and validating system performance. Discussions will technician responsible for managing energy costs, identifying energy.

Come to this workshop aimed at the water manager, engineer, and/or technician about pump efficiency and managing the associated energy costs?

As a Water management professional, do you want to know more about pump efficiency and managing the associated energy costs? Come to this workshop aimed at the water manager, engineer, and/or technician responsible for managing energy costs, identifying energy saving projects, and validating system performance. Discussions will cover practical issues and choices available regarding efficient pumping systems, and effective management practices that ensure pumping efficiency, as well as understanding pump efficiency results.

New Technologies to Reduce Energy Use at Wastewater Treatment Facilities

Instructors: Lory Larson & Diego Rosso
1:00 p.m. – 3:00 p.m.
Find out how two new technologies can reduce energy use at wastewater treatment facilities. The first is a device that measures the efficiency of the aeration process, letting you know if your diffusers need cleaning and if you are over aerating. The second technology is an energy efficiency tool for your entire plant. Learn how this simple to use tool can optimize the energy efficiency of the entire plant and how it will tell you what operational and/or equipment changes you can make to increase the plants energy efficiency in an economical manner. Finally the efficiency tool will tell you how much energy you use to process each million gallons of wastewater and compare your efficiency to other similar wastewater plants. And, the best part is, the tool is free.

Pump Testing & Improving Your Pumping Plant Efficiency

Instructor: Steve Villegas
8:30 a.m. – 11:30 a.m. with lunch
3.0 Contact Hours, State Water Resources Control Board (Drinking Water Division: Water Distribution Operators)

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**Time-Of-Use Is Here**

Instructor: Alondra Darrington

9:30 a.m. – 11:30 a.m. with lunch

Energy costs impact your business, so the more you know about how Time-Of-Use rates work, the more control you will have over your costs. Time-Of-Use is part of a statewide initiative designed to keep the electric grid reliable so everyone will have power when they need it. The majority of non-residential customers have already transitioned to Time-Of-Use rates, and the remainder will transition early 2015. This course is designed to explain rate structure, rate options, cost saving techniques, and how you can integrate Time-Of-Use into your business energy plan.

**Outage Communication for Water Customers**

Instructor: Tomaso Giannelli

10:00 a.m. – 11:30 a.m. with lunch

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**WEDNESDAY, SEPTEMBER 10 – SESSION II**

**All Things Renewable *UPDATED FOR 2014***

Instructors: Mary Brown, Poloi Lin, Robert Peralta & Eugene Sedeno

12:30 p.m. – 2:00 p.m.

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**Getting the Most from Your Electric Motor & VFD**

Instructor: Wallace Brithinee

9:30 a.m. – 11:30 a.m. with lunch

2.0 Contact Hours, State Water Resources Control Board (Drinking Water Division: Water Distribution Operators)

Get a glimpse of what the future holds in motor designs, protective devices, and tests. Water professionals are encouraged to take advantage of this opportunity to learn from leaders in the electric motor industry the value of making correct decisions when specifying motors. Attendees will be given a view into current energy legislation and how those rules will affect their choices and strategies in operating water plants. Learn how motors and VFDs work; which mechanical, electrical, and efficiency characteristics affect decisions regarding good applications and proper replacements; and the effects of electronics on the life of an electric motor.

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12:30 p.m. – 2:00 p.m.

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Water Loss Workshop Part 2: Hands On Water Loss Control Activities
Instructor: Reinhard Sturm
12:30 p.m. – 3:30 p.m.
3.0 Contact Hours, State Water Resources Control Board (Drinking Water Division: Water Distribution Operators)
*Student will only receive Contact Hours if they attend Part 1

This course will build upon Workshop 1, with a focus on water loss intervention strategies. The course will cover source meter testing, meter calibration, testing the accuracy of SCADA systems, the fundamentals of leak detection, correlation techniques, pinpointing a leak, and pressure management.

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Drought Mitigation: Rehabilitation of Wells & Pumps, Part 2
Instructor: Michael Bodart
12:30 p.m. – 3:30 p.m.
3.0 Contact Hours, State Water Resources Control Board (Drinking Water Division: Water Distribution Operators)

Recover capacity losses through effective well rehabilitation. Rehabilitation of wells is not a cookbook process! The only responsible and efficient way to redevelop a well is a step-by-step process. We will discuss this process and how to not get sold on risky, overpriced, dangerous procedures. The goal is to perform a cost-effective approach without taking on too much risk.