

Wednesday, September 9 – Thursday, September 10, 2015

Energy Education Center – Irwindale

Southern California Edison is proud to sponsor the 22nd Annual Water Conference. Please join us as we focus on educating water and wastewater agencies on how to save energy, money and the environment.

WEDNESDAY, SEPTEMBER 9

General Session

Event #49248

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.

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

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 luncheon

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 2015**

Event #49249

Instructors: Russ Lieu, Poloi Lin, Krystal Stangeland & Ron Wold

1:00 p.m. – 2:30 p.m.

Do you know all the latest about renewable self-generation, 2017 NEM changes, or interconnection process for SCE? This class will discuss how customers can benefit from self-generation utilizing Renewable Energy Self-Generation Bill Credit Transfer, Net Energy Metering and Self-Generation Incentive Program. Interconnection process will also be explained. Learn to conduct renewable economic analyses, ask the important questions and spot key items in a contract from our renewable project expert.

Time-Of-Use Rates & Demand Response Refresher for Water Customers **NEW**

Event #49250

Instructors: Alondra Darrington & Amy Olson

1:00 p.m. – 3:00 p.m.

It's all about timing! Since the majority of business and agricultural/pumping customers have already transitioned to Time-Of-Use (TOU) rates, now more than ever, when you use electricity is just as important as how much you use. 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. Unlike non-TOU rates, TOU rates vary depending on the season and the time of day energy is used. This refresher course is designed to explain rate structure, rate options, cost saving techniques, energy efficiency and demand response solutions, and how you can integrate Time-Of-Use into your business energy plan.

Keynote Speaker



Jeffrey Kightlinger
General Manager
The Metropolitan Water District of Southern California

Guest Speakers



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



Amul Sathe
Associate Director
Navigant

For more information, or to register, call or visit us online:



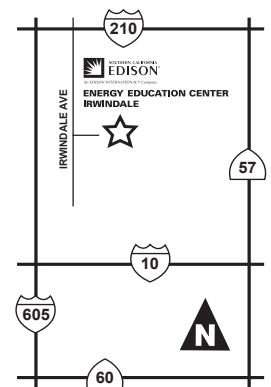
**626.812.7537 or
800.336.2822**



www.sce.com/workshops



**Energy Education Center
Irwindale
6090 N. Irwindale Avenue
Irwindale, CA 91702**



THURSDAY, SEPTEMBER 10 – SESSION I

All Things Renewable **Updated for 2015**

Event #49251

Instructors: Russ Lieu, Poloi Lin, Krystal Stangeland & Ron Wold

10:00 a.m. – 11:30 a.m. with lunch

Do you know all the latest about renewable self-generation, 2017 NEM changes, or interconnection process for SCE? This class will discuss how customers can benefit from self-generation utilizing Renewable Energy Self-Generation Bill Credit Transfer, Net Energy Metering and Self-Generation Incentive Program. Interconnection process will also be explained. Learn to conduct renewable economic analyses, ask the important questions and spot key items in a contract from our renewable project expert.

Time-Of-Use Rates & Demand Response Refresher for Water Customers

Event #49252

Instructors: Alondra Darrington & Amy Olson

9:30 a.m. – 11:30 a.m. with lunch

It's all about timing! Since the majority of business and agricultural/pumping customers have already transitioned to Time-Of-Use (TOU) rates, now more than ever, when you use electricity is just as important as how much you use. 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. Unlike non-TOU rates, TOU rates vary depending on the season and the time of day energy is used. This refresher course is designed to explain rate structure, rate options, cost saving techniques, energy efficiency and demand response solutions, and how you can integrate Time-Of-Use into your business energy plan.

Grant Writing for Water & Wastewater Systems

Event #49253

Instructor: Andrea Owen

Time: 8:30 a.m. – 11:30 a.m. with lunch

Course discussion includes basic and advanced grant writing instruction including locating grant funding, pre-positioning your project to increase your chances of winning, developing strong technical writing that is combined with persuasive writing, comparing and contrasting writing examples, building a budget, best practices in grant writing, tips on developing benefit/cost narrative and examples used in water and wastewater applications, tips on creating a unique application that competes well.

Pump Testing & Improving Your Pumping Plant Efficiency

Event #49254

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)

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.

Water Loss Workshop Part 1: From Water Audit to Intervention Strategy

Event #49255

Instructors: Reinhard Sturm

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)

This course will provide training on the key elements needed to develop, implement and maintain a proactive water loss control program for your water utility. The course will cover accurate preparation of your utility's water balance using the methodology developed by the American Water Works Association (AWWA) and adopted by the California Urban Water Conservation Council (CUWCC) as a best management practice, data collection and validation needed to compute the water balance, component analysis of water loss, economic valuation of avoided water losses, intervention strategies (tools to reduce losses), and water audits and loss control programs (with case studies).

Drought Mitigation: Rehabilitation of Wells & Pumps, Part 1

Event #49256

Instructor: Michael Bodart

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)

What effects will the drought have on your wells and pumps? Operators, engineers, and managers of water wells will all learn how to evaluate their current operation, the advantages of water flush pumps, and how to adapt your well system with a declining water table. The course will focus on the records and testing that are needed and how to respond when conditions in the well changes. We will discuss how to reduce risk of damaging the wells and pumps when the water level drops. Learn how to maximize the well's output without adding unnecessary risk.

THURSDAY, SEPTEMBER 10 – SESSION II

All Things Renewable **Updated for 2015**

Event #49257

Instructors: Russ Lieu, Poloi Lin, Krystal Stangeland & Ron Wold

12:30 p.m. – 2:00 p.m.

Do you know all the latest about renewable self-generation, 2017 NEM changes, or interconnection process for SCE? This class will discuss how customers can benefit from self-generation utilizing Renewable Energy Self-Generation Bill Credit Transfer, Net Energy Metering and Self-Generation Incentive Program. Interconnection process will also be explained. Learn to conduct renewable economic analyses, ask the important questions and spot key items in a contract from our renewable project expert.

Grant Writing for Water & Wastewater Systems

Event #49258

Instructor: Andrea Owen

Time: 12:30 p.m. – 3:30 p.m.

Course discussion includes basic and advanced grant writing instruction including locating grant funding, pre-positioning your project to increase your chances of winning, developing strong technical writing that is combined with persuasive writing, comparing and contrasting writing examples, building a budget, best practices in grant writing, tips on developing benefit/cost narrative and examples used in water and wastewater applications, tips on creating a unique application that competes well.

Pump Testing & Improving Your Pumping Plant Efficiency

Event #49259

Instructor: Steve Villegas

12:30 p.m. – 3:30 p.m.

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

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.

Water Loss Workshop Part 2: Hands On Water Loss Control Activities

Event #49260

Instructors: 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) *Students 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.

Drought Mitigation: Rehabilitation of Wells & Pumps, Part 2

Event #49261

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! Most specifications for well rehabilitation are copies of a process that was written and performed many years ago. 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.