



Helping Your Business Save Energy  
Discover the economic and environmental benefits of energy efficiency.



ENERGY RESOURCE CENTER

Energy-Efficiency and Sustainability Seminars for Commercial and Industrial Businesses



Southern California Gas Company's Energy Resource Center  
9240 Firestone Blvd.  
Downey, California 90241-5388

ADDRESS SERVICE REQUESTED

REGISTRATION IS EASY:

For seminar details, more information about the ERC and its location, or to register for seminars, call 1-800-427-6584 and select option one, fax us at 1-562-803-7551 or call the Energy Resource Center direct at 1-562-803-7500. Please be prepared to supply the seminar number. Also, visit our web site at seminars.socalgas.com or e-mail us at erc@socalgas.com.

Except where otherwise noted, all seminars are held at Southern California Gas Company's Energy Resource Center, 9240 Firestone Blvd., Downey, CA 90241.

Programs: Program content and speakers are subject to change without notice. Space is limited, and all programs are offered on a space-available basis. Southern California Gas Company reserves the right to cancel any program. In the event of such cancellation, Southern California Gas Company has no responsibility for non-refundable or other costs incurred by registrants in anticipation of any program. Registrants must be 16 years of age or older and casual business attire is requested.

Cancellation policy: Written or verbal notice of cancellation by registrant should be received by Southern California Gas Company at least seventy-two (72) hours prior to the start of the program.

Disclaimer: Content of seminars and other program information is general in nature and not guaranteed or warranted to provide solutions to any specific situation. Content is provided for information purposes only. Southern California Gas Company is not responsible for the views, interpretations or recommendations made in any program, which reflect the positions of the presenters. Southern California Gas Company does not endorse any particular product, manufacturer or service discussed and does not represent that any goods or services are fit for any purpose or use.

NAME		
TITLE	COMPANY	
STREET		
CITY	STATE	ZIP
PHONE	FAX	
E-MAIL <input type="checkbox"/> Please send schedules and event notices to my e-mail address.		

SUSTAINABILITY SEMINARS:

- LEED Green Associate (Seminar #23620)  
Thursday, October 7  
(8:30 a.m. - 4:30 p.m.)
- Schools Symposium (Seminar #23172)  
Thursday, October 14  
(8:30 a.m. - 3 p.m.)
- Benchmarking with ENERGY STAR Portfolio Manager (Seminar #23896)  
Wednesday, November 10  
(8:30 a.m. - 1:30 p.m.)
- Are You Ready for CALGreen? (Seminar #23615)  
Wednesday, November 17  
(12:30 p.m. - 4 p.m.)

INDUSTRIAL TECHNOLOGIES SEMINARS:

- Fuel Cell Technology for the Commercial and Industrial Sector (Seminar #23320)  
Wednesday, October 13  
(8:30 a.m. - 11:30 a.m.)
- DOE: Electric Motor Assessment End-User Training (Seminar #22943)  
Wednesday, November 17  
(8 a.m. - 4:30 p.m.)
- What's New in Clean and Efficient Combined Heat and Power for Industry (Seminar #23391)  
Wednesday, November 17  
(9 a.m. - 12:30 p.m.)
- Combustion Seminar (Seminar #22001)  
Wednesday and Thursday, December 8 and 9  
(8 a.m. - 2:30 p.m.)

RESIDENTIAL SEMINARS:

- Fuel Cell Technology for the Residential Sector (Seminar #23321)  
Wednesday, October 13 (1 p.m. - 4 p.m.)
- DOE: Fundamentals of Compressed Air (Seminar #22945)  
Wednesday, January 12, 2011  
(8 a.m. - 4:30 p.m.)
- DOE: Advanced Compressed Air (Seminar #22946)  
Wednesday and Thursday, February 16 and 17, 2011  
(8 a.m. - 4:30 p.m.)

INDUSTRIAL TECHNOLOGIES SEMINARS 1st Quarter 2011:

# Seminar Schedule: Fourth Quarter 2010

Wasting energy is like burning money.

If you have energy-efficiency challenges...we have solutions!

Discover the wealth of benefits that energy efficiency can offer your organization. Stay up-to-date on the latest energy-efficient, cost-saving opportunities, technologies and certification programs. Take advantage of the education and training offered by Southern California Gas Company at the Energy Resource Center, the company's LEED®-certified facility and showcase for energy-efficient technologies, sustainable building practices and more. Check out the valuable classes we're offering this quarter. They are part of our commitment to providing your business with exceptional service.

Except where otherwise noted, all seminars are held at:

Southern California Gas Company's Energy Resource Center, 9240 Firestone Blvd., Downey, CA 90241.



## Sustainability

### LEED® Green Associate (Seminar #23620) Thursday, October 7

Time: 8:30 a.m. - 4:30 p.m. (8 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This one-day workshop will prepare participants to pass Part I of the LEED Accredited Professional Exam: the LEED Green Associate. The Green Associate credential is essential for anyone who wants to prove their familiarity with the green building industry or who is planning on taking a Part II Exam for the LEED AP credential.

### Schools Symposium (Seminar #23172) Thursday, October 14

Time: 8:30 a.m. - 3 p.m. (8 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This event is tailored for energy and utility managers, chief business officials, facility O&M personnel, school superintendents and board members. It will bring together key decision makers for K-12 schools and higher education institutions in Southern California to gain the tools to develop cost-effective, water-wise, and energy-efficient solutions during tough economic times. Additionally, we will show you how to maximize your budgets by demonstrating how energy-efficiency rebates, incentives, assessments and other services can help you reduce your upfront costs and shorten your payback time.

### Benchmarking with ENERGY STAR® Portfolio Manager (Seminar #23896)

Wednesday, November 10

Time: 8:30 a.m. - 1:30 p.m. (8 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This seminar will be a hands-on workshop, please bring your laptop for full participation.

In 2010, non-residential building owners and operators may be required to disclose ENERGY STAR Benchmarking ratings on their leases to prospective lessees, buyers or lenders, and Southern California Gas Company is here to help by offering no-cost training for commercial customers. More than nine billion square feet of U.S. buildings have already used U.S. EPA's ENERGY STAR portfolio manager tool to benchmark their energy performance. Using a combination of classroom instruction and online demonstrations, this course will address the pros and strengths and weaknesses of various benchmarking techniques, tips for optimizing your ENERGY STAR score and best practices for improving the score over time. Discussions will include AB1103 and changes that need to be implemented by non-residential building owners.

## Sustainability (cont'd)

### Are You Ready for CALGreen? (Seminar #23615)

Wednesday, November 17

Time: 12:30 p.m. - 4 p.m. (Noon check-in and lunch.)

Cost: Free

Are you prepared for mandatory measures for new residential and nonresidential buildings that go into effect January

2011? Representatives from the California Building Standards Commission and California Department of Housing and Community Development will provide an overview of the new mandatory standards, voluntary tier structure, compliance checklists and code publication dates. In addition, speakers will help answer your specific code questions.

## Residential

### Fuel Cell Technology for the Residential Sector (Seminar #23321)

Wednesday, October 13

Time: 1 p.m. - 4 p.m. (12:30 p.m. check-in and lunch.)

Cost: Free

Learn about clean-energy fuel cells for generating electricity and to heat your home. Fuel cells have been widely used for self-generated heat and power in



industry, but scaling the technology to fit homes has been a challenge—until now. Through refinement and design comes a next-generation platform that provides less expensive base and load power 24/7, reduces grid dependence and lowers CO<sub>2</sub> emissions by more than a third. This workshop will focus on and introduce fuel cell technology, discuss its applications, energy efficiency and advantages. It will explain available rebates and how this new, clean smart-technology can power your home.

## Industrial Technologies

### Fuel Cell Technology for the Commercial and Industrial Sectors (Seminar #23320)

Wednesday, October 13

Time: 8:30 a.m. - 11:30 a.m. (8 a.m. check-in and continental breakfast.)

Cost: Free

Learn about clean-energy fuel cells for generating electricity and heat for businesses and institutions. Fuel cells have been widely used in industry for self-generated heat and power for many years, but scaling the technology to fit smaller businesses has been a challenge—until now. Through refinement and design comes a next-generation platform that provides less expensive base and load power 24/7, reduces grid dependence and lowers CO<sub>2</sub> emissions by more than a third. This workshop will focus on and introduce fuel cell technology, discuss its applications, energy efficiency and advantages. It will explain available rebates and how this new, clean, smart-technology can help power your business and its growth.



### What's New in Clean and Efficient Combined Heat and Power for Industry (Seminar #23391)

Time: 9 a.m. - 12:30 p.m. (8:30 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This CHP (Combined Heat and Power) seminar will focus on natural gas-fired technologies that generate power while also providing heat and cooling needs. Get the latest information on the market environment, technology developments and regulations affecting self-generation. Learn the next steps to take that will help you make the most informed decision for your application. The Pacific Region Clean Energy Application Center—operated by the Advanced Power & Energy Program at the University of California, Irvine—is offering this seminar in cooperation with Southern California Gas Company in an ongoing effort to provide customers with the best information on energy efficiency.

Co-sponsored with:



## Industrial Technologies (cont'd)

### DOE: Electric Motor Assessment End-User Training (Seminar #22943)

Wednesday, November 17

Time: 8 a.m. - 4:30 p.m. (7:30 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This U.S. Department of Energy (DOE) one-day motor assessment management training includes: applications, inventory, tracking, maintenance, replacement decisions, repair and the impact of maintenance on power quality. The training is co-sponsored by Department of Energy, California Energy Commission and Southern California Gas Company.



### Combustion Seminar (Seminar #22001)

Wednesday and Thursday, December 8 and 9

Time: 8 a.m. - 2:30 p.m. (7:30 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This two-day training session is designed to give business owners, facility managers, plant and maintenance engineers and other engineering personnel a basic knowledge of natural gas equipment, combustion and air quality guidelines. Topics will include efficient and cost-effective ways to maintain and operate gas-burning equipment, energy conservation, incentive programs and compliance with air quality regulations.

## Industrial Technologies: 1<sup>st</sup> Quarter 2011

### DOE: Fundamentals of Compressed Air (Seminar #22945)

Wednesday, January 12, 2011

Time: 8 a.m. - 4:30 p.m. (7:30 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

Find out how a compressed air system works and the benefits of optimal performance. Learn basic approaches for cutting costs; identify steps for proper system operation, maintenance, and point-of-use accountability; and tailor a compressed air system management action plan for your plant. The training is co-sponsored by Department of Energy, California Energy Commission and Southern California Gas Company.

### DOE: Advanced Compressed Air (2-day seminar) (Seminar #22946)

Wednesday and Thursday, February 16 and 17, 2011

Time: 8 a.m. - 4:30 p.m. (7:30 a.m. check-in and continental breakfast. Lunch provided.)

Cost: Free

This advanced course in compressed air system management teaches you to develop a system profile. In addition, we'll demonstrate how to implement a compressed air system maintenance program, including compressor control strategies and increase your understanding of the value of heat recovery. The training is co-sponsored by Department of Energy, California Energy Commission and Southern California Gas Company.



### Sign-up for My Account and save the environment too!

Did you know that for every 2,900 customers who switch to paperless billing, we save one ton of paper, 16,450 gallons of water and 1,941 pounds of solid waste? And we avoid emitting 5,058 pounds of greenhouse gases.\* Here's a simple way to help the environment. Have your recent gas bill handy and sign up for paperless billing on your business or residence through My Account at [www.socalgas.com](http://www.socalgas.com).

For more information about what My Account offers, go to [www.socalgas.com](http://www.socalgas.com).

\*Environmental impact estimates were made using the Environmental Defense Paper Calculator.