

CALENDAR YEAR 2012 SCHEDULE

Workshops to Improve Industrial Productivity by Investing in Energy Efficiency

**Reduce energy costs 10-20 percent or more by implementing industrial best practices!
Learn how by signing up for one or more of these Best Practices Workshops today!**

Fundamentals of Compressed Air Systems (Advanced Course Also Available)

Many industries use compressed air systems as power sources for tools and equipment. This initial class demonstrates how to compute the current cost of your plant's compressed air systems, measure and create a baseline of system performance, and determine the impact of different compressor control types. Learn how to achieve cost savings through more effective production and use of compressed air. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/training_compressed_air.html

Fan System Assessment

This one-day workshop highlights the benefits of optimizing fan performance to reduce costs. It introduces use of the Fan System Assessment Tool (FSAT) software, where users can determine system efficiency, identify degraded fans, collect data for trending system operation, and quantify potential cost and energy savings. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/fan_systems.html

Motor Systems Management

Motor Systems Management training is designed to help facility personnel reduce energy costs and increase the reliability of their systems. This one day workshop covers inventory tracking, maintenance, repair, power quality, management of power transmission and driven loads as they relate to motor operation. Learn the basics of MotorMaster+ software tool to evaluate motor performance and repair. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/motor_systems.html

Process Heating Assessment

Advanced technologies and operating practices offer significant savings opportunities in process heating, with the potential to reduce energy consumption an additional 5 to 25 percent in the next decade. This one-day workshop includes an introduction to process heating and the equipment used by the industry, discussions of combustion, heat transfer in furnaces, and waste heat recovery. Also, students will be instructed in the use of the Process Heating Assessment and Survey Tool (PHAST) software. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/training_process_heating.html

Pumping System Assessment

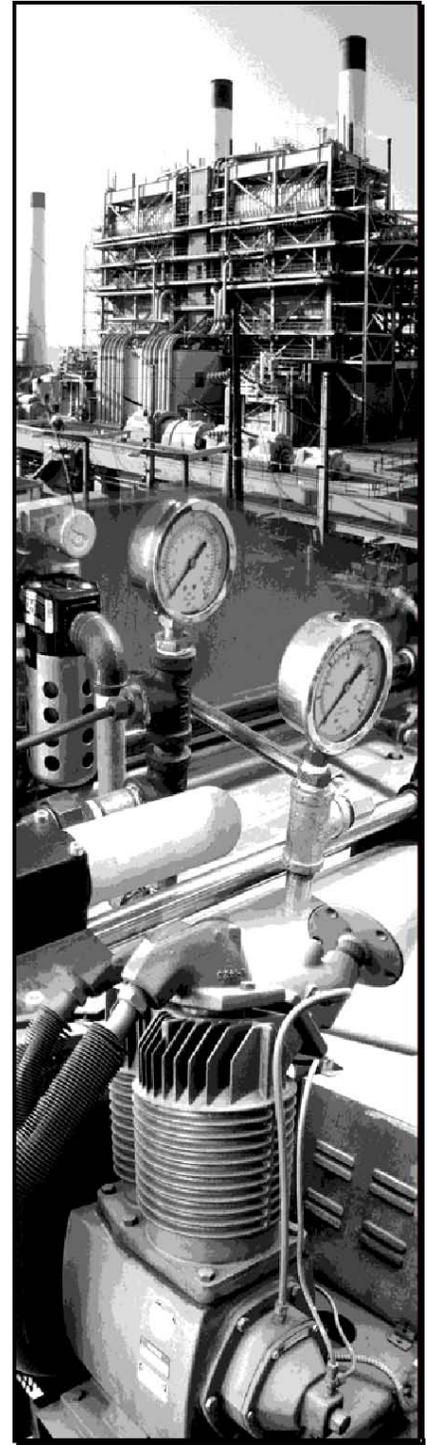
This one-day workshop covers practical issues involved in field measurements of fluid and electrical data. It offers an introduction to the Pumping System Assessment Tool (PSAT) software, which is used to assess the performance of pump systems. Learn how the software functions, what data is required, how to use the software when measured data are not available, and what the assessment results mean. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/pumping_systems.html

Steam System Assessment

Many facilities can save energy through the installation of more efficient steam equipment. This one-day course covers methods of system efficiency and operation of typical steam systems. It covers material in steam generation efficiency, steam distribution system losses, and resource effectiveness. *For complete course information:*

http://www.eere.energy.gov/industry/bestpractices/steam_systems.html



CALENDAR YEAR 2012

California Best Practices and Efficiency Training Workshops

Industrial Best Practices workshops and technical training sessions are targeted to maintenance supervisors, plant engineers, and industry personnel responsible for the operation or maintenance of these systems.

<u>Date</u>	<u>Host</u>	<u>Course</u>	<u>To Register</u>
March 27-29	PG&E San Francisco, CA	Specialist Qualification: Pumping Systems	PG&E registration
April 3-5	PG&E San Francisco, CA	Specialist Qualification: Process Heating	PG&E registration
April 10	SMUD Sacramento, CA	CAC Fundamentals of Compressed Air Systems	https://usage.smud.org/etcstudent/classlist.aspx
April 11	MID Modesto, CA	CAC Fundamentals of Compressed Air Systems	susand@mid.org
May 1	SDG&E San Diego, CA	Pumping Systems Management	http://sdge.com/seminars
May 23-24	SMUD Sacramento, CA	CAC Advanced Management of Compressed Air Systems	https://usage.smud.org/etcstudent/classlist.aspx
August 2 Rescheduled for 23 August	SoCalGas Downey, CA	Steam System Assessment	Southern California Gas registration
August 9	SoCalGas Downey, CA	Process Heating Assessment	Southern California Gas registration

<http://www.energy.ca.gov/process/> for additional information.

Host Locations:

Pacific Gas and Electric
Pacific Gas and Electric
Sacramento Municipal Utility District
Southern California Gas Company
Southern California Edison
San Diego Gas and Electric
Modesto Irrigation District

1129 Enterprise St, Stockton, CA
851 Howard St. San Francisco, CA
6301 S Street Sacramento, CA
9240 Firestone Blvd Downey, CA
6090 Irwindale Ave. Irwindale, CA
4760 Clairemont Mesa Blvd. San Diego, CA
1020 10th Street, Suite 102 Modesto, CA

(209) 932-2529
(209) 932-2529
(916) 732-5375
(562) 803-7570
(626) 812-7370
(800) 613-8970
(209) 526-7303

For General Information:

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These workshops are presented in partnership with industry and your local utility.