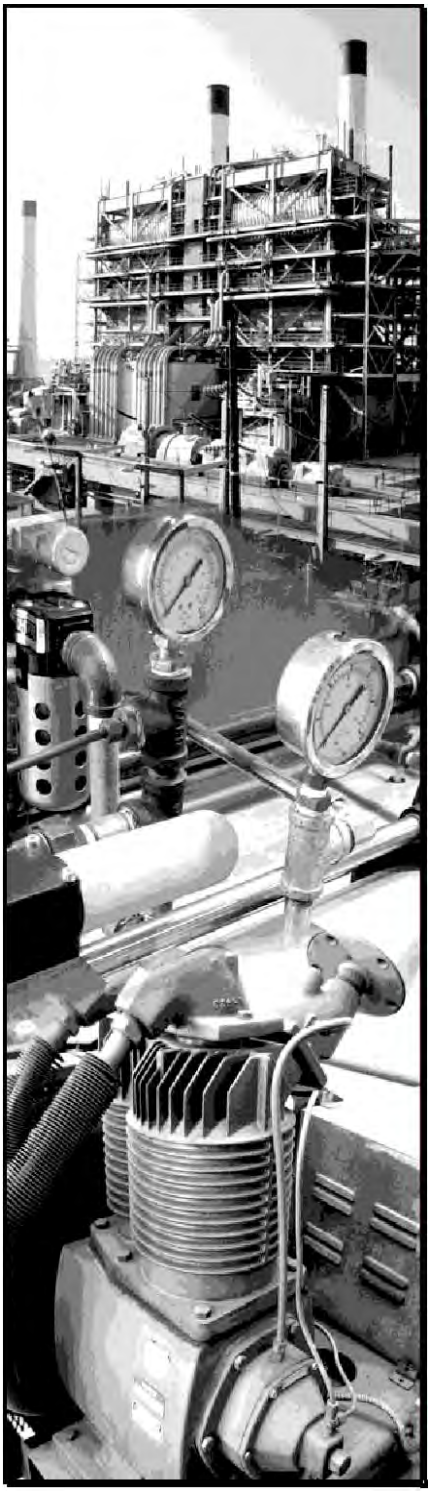
SUMMER-FALL 2009 SCHEDULE

Workshops to Improve Productivity by Investing in Energy Efficiency

Your energy costs can be reduced 10-20 percent or more by implementing industrial best practices! Learn how by signing up for one or more of these BestPractices Workshops today!

Workshop descriptions - See reverse for complete schedule of classes.



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, 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. 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*

See the reverse side for workshops in your area.

SUMMER-FALL 2009

California BestPractices & Efficiency Training Workshops

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

Date	Host	Course	To Register
Aug 26	SoCalGas Downey, CA	Steam System Assessment	Southern California Gas registration
Sep 1	SMUD Sacramento, CA	Motor System Management	SMUD registration
Sep 2	SMUD Sacramento, CA	Fan System Management	SMUD registration
Sep 23	SoCalGas Downey, CA	Steam System Assessment	Southern California Gas registration
Oct 29	SMUD Sacramento, CA	Pumping System Assessment	SMUD registration

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

Host Locations:

Pacific Gas & Electric	1129 Enterprise St	Stockton, CA	(209) 932-2529
Pacific Gas & Electric	780 Commercial St	San Jose, CA	(209) 932-2529
Pacific Gas & Electric	3301 Crow Canyon Rd.	San Ramon, CA	(209) 932-2529
Sacramento Municipal Utility District	6301 S Street	Sacramento, CA	(916) 732-5375
Southern California Gas Company	9240 Firestone Blvd	Downey, CA	(562) 803-7570
Southern California Edison	6090 Irwindale Ave.	Irwindale, CA	(626) 812-7370

For General Information:

Industrial Energy Efficiency
California Energy Commission
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Sacramento, CA 95814
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(916) 654-4044

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

CEC-400-2009-002 • April 2009