



Texas Technology Showcase

Energy-Efficient Process Technologies and Best Practices

Chemical and Refining Industries

March 17 - 19, 2003 Houston, Texas

SCHEDULE AT A GLANCE

	MONDAY MARCH 17	TUESDAY MARCH 18	WEDNESDAY MARCH 19
8:00 am			
9:00 am		9am - Morning Plenary Robert Huston - Chairman, TCEQ & Elected State Official	8am - 2pm Plant Tours
10:00 am		10:20am - 12pm Sessions B1 - B6	
11:00 am			8am - 11:00am Sessions D1 - D5
12:00 pm	12pm - Opening Lunch Plenary Address David Garman - Assistant Secretary, Energy Efficiency and Renewable Energy, U.S. DOE	12pm - Lunch Plenary Address Jim Gallogly - President & CEO Chevron Phillips Chemical Company, LP	11:15 am - Closing Plenary
1:00 pm			
2:00 pm			
3:00 pm	2pm - 6pm Plant Tours	2pm - 5pm Sessions A1 - A6	2pm - 6pm Plant Tours
4:00 pm			
5:00 pm			
6:00 pm	5:30pm - Reception	5:30pm - Reception	
7:00 pm			
8:00 pm			

* Schedule and speakers are subject to change

Exhibit Hall Hours

Monday, March 17th: 5:30 - 7:30 pm

Tuesday, March 18th: 9:00 am - 12:00 pm & 2:00 - 7:30pm

Plant Tours

Monday, March 17th: 2pm - 6pm

Tour 1: Rohm & Haas Texas, Inc.

Tour 2: Valero Energy Corporation

Wednesday, March 19th: 8am - 2pm

Tour 4: Chevron Phillips and Calpine

Tuesday, March 18th: 2pm - 6pm

Tour 3: Valero Energy Corporation

Please Note: Plant Tour attendees must comply with all admission requirements set by participating plants. A limited number of seats are available, thus early registration is highly encouraged. Tour Schedule is subject to change without notice.

Any attendee to the Wednesday Plant Tour will incur a \$15 fee to cover the cost of the lunch.

TRACK SESSIONS



Texas Industries of the Future



Monday • Block A • 2 to 5PM

Session A1	Session A2	Session A3	Session A4	Session A5	Session A6
<i>Texas Challenges & Texas' Response</i>	<i>Sustainability for the Future</i>	<i>Emissions Reductions and Combined Heat and Power Implementation</i>	<i>Organizational and Managerial Aspects of Your Plant's Energy-Efficiency Program</i>	<i>ExxonMobil Showcase</i>	<i>Highlights from Plant Tours</i>
<p>Jerry Matthews, Executive Director, Texas Council on Environmental Technology</p> <p>Topics include the status of air emissions research, the State Implementation Plan, the technology verification process, and funding sources.</p>	<p>Dennis Milligan, Global Waste Minimization Leader, Dow Chemical Company</p> <p>What does Sustainability mean and how you get started. Hear what industry leaders are doing to address the issues.</p>	<p>Theodore Bronson, Associate Director, Gas Technology Institute</p>	<p>Paul Scheihing, Assistant Program Manager, DOE</p> <p>Topics include benchmarking, how to organize functional responsibilities for energy management, and how to initiate a program when you don't have a lot of time.</p>	<p>ExxonMobil</p> <p>Topics include results from a process heater retrofit project, use of combined heat and power, and the company-wide Global Energy Management System</p>	<p>Technologies and Practices</p>

Tuesday • Block B • 10:20 to 12PM

Session B1	Session B2	Session B3	Session B4	Session B5	Session 6B
<i>Reducing NOx Emissions from Combustion Point Sources</i>	<i>Reductions in VOC Emissions from Flaring Operations: Technologies and Practices</i>	<i>How Can Small Players Survive?</i>	<i>Resources from the Department of Energy</i>	<i>Environmental Management Systems, Pollution Prevention and Energy Efficiency</i>	<i>Highlights from Plant Tours</i>
<p>Doug Deason, Senior Staff Engineer, ExxonMobil Chemical Company</p> <p>Hear from end users and technology developers on the latest in process optimization and new technology performance.</p>	<p>Dennis Griffith, Senior Process Consultant, Granherne Inc.</p> <p>Find out the status of the state's flare VOC emissions research and get an overview of flare technologies that minimize emissions.</p>	<p>Brian Dinsmoor, Plant Manager, BP Chemicals</p> <p>Topics include performance contracting, how to finance improvements and project implementation.</p>	<p>David Salem, Technology Manager, DOE</p> <p>Topics include funding, case studies and analytical tools.</p>	<p>Paul Judice, Texas Commission on Environmental Quality</p> <p>Topics include EMS's, including the new Responsible Care Initiative. Explores using an EMS as a springboard to improved performance.</p>	<p>Technologies and Practices</p>

If interested in presenting a paper at a session, submit a one-page abstract to kferland@mail.utexas.edu by January 10. Please identify the session title in the email.



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Tuesday • Block C • 2 to 5PM

Session C1	Session C2	Session C3	Session C4	Session C5	Session C6
Reducing NOx Emissions from Combustion Point Sources	Reductions in VOC Emissions from Process Vents, Cooling Towers and Fugitive Sources.	Plant Energy Optimization	Resources from the Department of Energy	Supply Chain Optimization	Highlights from Plant Tours
<p>Doug Deason, Senior Staff Engineer, ExxonMobil Chemical Company</p> <p>Hear from end users and technology developers on the latest in process optimization and new technology performance.</p>	<p>Chaitali Dave and Jill Brant, Kellogg, Brown & Root</p> <p>Technologies and Practices</p>	<p>Jeff Hackworth, Energy Manager, Rohm & Haas Texas, Inc.</p> <p>Topics include software, case studies of use, how to select an optimization program, and costs and benefits: how to convince management to purchase a program.</p>	<p>David Salem, Technology Manager, DOE</p> <p>Topics include funding, case studies and analytical tools.</p>	<p>John Oleson, President, Oleson Consulting</p> <p>Optimization and improvement of supply chain from purchase of raw material to delivery of end product. Case studies and techniques will be presented that save costs equivalent to 5-15% of sales.</p>	<p>Technologies and Practices</p>

Wednesday • Block D • 8 to 11AM

Session D1	Session D2	Session D3	Session D4	Session D5
How to Commercialize your Technology	Separations or Distillation Technologies	Alternative Energy Resources, Biomass Programs and Transportation Technologies	Dow Showcase	Innovative Technologies and Practices Related to Pumps, Motors and Compression Equipment
<p>Kathey Ferland, Texas Industries of the Future</p> <p>Topics include developing a commercialization plan, finding funding for pilot and demonstration projects, finding data on the chemical or refining end-users and business development resources.</p>	<p>Bruce Eldridge, Director, University of Texas Separations Research Program</p> <p>Near-term technology developments and operating practices that will reduce energy usage and costs.</p>	<p>Jack Jenkins, DOE</p> <p>Topics include alternate sources of energy, fuels, power and products from biomass resources and automotive and transportation technologies.</p>	<p>Ken Tannenbaum, Global Energy Conservation Leader</p> <p>Topics include Dow's By-Product Synergy Program, the application of the Six Sigma methodology to energy-efficiency projects and NOx reduction projects.</p>	<p>Jeff Kirk, Energy Excellence Leader, Celanese Chemicals</p>

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