

Program

The Conference is flanked by a pair of one day workshops:

- May 19- Energy Manager's Workshop (Pre-Conference) [Link](#)

- May 20 - 21 IETC Technical Sessions

- Plenary Sessions, Luncheons, Reception - [Link](#)
- Technical Conference Program - [Link](#)

- May 22 - Workshop (Post Conference) [Link](#)

Main Conference

Plenary Sessions, Luncheons, Reception

Thursday morning Plenary 8:00 AM - 9:05 AM

Opening welcome by your hosts

Recognition of American Chemistry Council Award Winners

Plenary Keynote Speaker: TBA

Thursday Luncheon 12 noon - 1:30 PM

Luncheon Keynote Speaker: TBA

Thursday Reception 5:00 PM - 7:00 PM

Sponsored by TXU Energy for all attendees

Friday morning Plenary 8:00 AM - 8:55 AM

TBA

Friday Luncheon 12:20 PM - 1:50 PM

Recognition of the IETC Energy Award Winners for 2010

Below is the program for 2009, see this area for the 2010 program in the future!!
IETC 2009 Technical Conference Program

- Sessions 1 - 4 are on Wednesday, May 13 from 9:15 - 11:50 AM
- Sessions 5 - 8 are on Wednesday, May 13 from 1:45 - 4:55 PM
- Sessions 9 - 12 are on Thursday, May 14 from 9:05 AM - 12:10 PM
- Sessions 13 and 14 are on Thursday, May 14 from 2:05 - 3:45 PM

[Click here for a schedule of session and paper times](#)

You may click on the paper titles that are underlined to see the presentation slides!

Session 1 - Results from the Superior Energy Performance Pilot Project

- "Achieving Superior Energy Performance in US Manufacturing," Paul Scheihing, US DOE
- "Results from the Texas Pilot Project on Superior Energy Performance," Kathey Ferland, Texas Industries of the Future, the University of Texas at Austin
- "An SME's Perspective on Implementing the Superior Energy Performance Program," Pierre Waz, CCP
- "Development of an International Standard for Energy Management," Bill Meffert, Georgia Tech and Aimee McKane, Lawrence Berkeley National Laboratory

Session 2 - Plant-level Energy Studies

- "Achieving Success in Energy Management," Wayne Barker, ExxonMobil Baton Rouge Chemical Plant
- "Environmental and Economical Evaluation of Integrating NGL Extraction and LNG Liquefaction Technology in Iran LNG Project," Mohammad Hasan Khoshgoftar Manesh, and Vahid Mazhari, Iran Power Projects Management Company
- "ExxonMobil Global Energy Management System, Frank Roberto, ExxonMobil Chemical Company

Session 3 - Understanding GHG Issues

- "Greenhouse Gas Programs Energy Efficiency and the Industrial Sector," Vestal Tutterow, Aiming Zhou, and Jeffrey Harris, Alliance to Save Energy
- "Modeling Climate Change Policies in Canada and the U.S.: An Update," Joseph M. Roop, Pacific Northwest National Laboratory
- "Incorporating Carbon in Energy Planning at Industrial Facilities," Kyle Smith, Pace Global Energy Services

Session 4 - Forward Looking Energy Management Strategies

- "A Best Practice Approach: How to Plan, Execute, and Thrive in the 'Changing' World of Climate Change, Energy Efficiency, and Energy Management," Nick Spates, Modular Process Control LLC
- "Implementing and Sustaining Energy Management Activities," Andrew McMullan, KBC Advanced Technologies
- "A Collaborative Model for Sustainable Management System for Energy at Small to Medium Industrial Enterprises," Mark R. Imel, Burns & McDonnell, and Michael Gromacki and Deborah Magoon, Cook Composites and Polymers Company
- "Energy Management and Reporting System (EMRS) Provides Sustaining Performance Improvements in Energy Intensive Industries," Cliff McClain and James E. Robinson, DES Global, LLC

Session 5 - US DOE Save Energy Now Plant Assessments

- "3 Years of Save Energy Now Large Plant Assessments: Results for Key Energy Systems," James Quinn, U.S. Department of Energy
- "Results of a SEN Assessment at a Chrysler Assembly Complex," Riyaz Papar, Hudson Technologies and Ken Peebles, Chrysler LLC
- "Using ITP Software Decision Tools as Part of a Long Term Energy Management Program for Your Company," Bill Orthwein, U.S. Department of Energy

Session 6 - CHP and Waste Heat Recovery

- "A Ranking of State Combined Heat and Power Policies," Anna Chittum, R. Neal Elliott, Daniel Trombley, American Council for an Energy Efficient Economy
- "Suggested Treatment of CHP in an EERS Context," R. Neal Elliott, Daniel Trombley and Suzanne Watson, American Council for an Energy Efficient Economy
- "Implementing CHP in Louisiana: A Case Study," Theodore A. Kozman, Jeanese Carriere, and Jim Lee, University of Louisiana at Lafayette
- "The Confusing Allure of Combined Heat and Power: The Financial Attraction and Management Challenge of Reducing Energy Spend and Resulting Carbon Emissions through Onsite Power Generation," Rick Davis, EPS Corporation
- "WOWGen® / WOWClean® Waste Heat Recovery Plants," Mario Romero, WOW Energy, Inc.

Session 7 - Program-level Energy Studies

- "Meaningful Energy Efficiency Performance Metrics for the Process Industries," Jimmy D. Kumana and Noshir R. Sidhwa, Kumana & Associates
- "U.S. Department of Energy's Industrial Program and Its Impacts," Stephen Weakley and Joseph M. Roop, Pacific Northwest National Laboratory

- "Integrating Energy Management and Lean Manufacturing," Michael K. Stocki, Manitoba Hydro
- "A New Stochastic Energy Model of the U.S. is Under Construction: SEDS and Its Industrial Structure," Joseph M. Roop, Pacific Northwest National Laboratory
- "Corporate Energy Management Strategies for GHG Reduction and Improved Business Performance," James E. Robinson, Dynamic Energy Systems

Session 8 - American Chemistry Council Award Winners 1

- "Reduction of Steam Use at Olefins Plant," Bruce Marantis and Frank VanDuker, Chevron Phillips Chemical Company LP
- "2008 vs. 2007 Annualized Energy Savings at ISP Texas City Facility," Rob Polce, ISP Technologies
- "Edison Synthetics Plant Steam Generation System Upgrade," A. Calderon, Mark M. Yakovlev, and Edmund C. Gregory, ExxonMobil Chemical Company
- "South Carolina Operations Transformation," Chad Howell and Ray Ratheal, Eastman Chemical Company

Session 9 - American Chemistry Council Award Winners 2

- "Energy Improvements at the DOW Chemical Light Hydrocarbon #7 Plant Via Furnace Technology Upgrade," Bernardo M. Corripio, The DOW Chemical Company
- "DuPont Operations Bold Energy Plan," William F. Bailey and Dave Lauterbach, DuPont
- "Baytown Chemical Plant Aromatics KEV Tightening," Marilyn Veillon and Martine M. McDonald, ExxonMobil Chemical Company

Session 10 - Energy and Equipment

- "Industrial Heat Pumps - A Reexamination in Light of Current Energy Trends," Nathaniel Lewis, Michael Simon, and Stephen Terry, North Carolina State University
- "Design of Heat Exchanger for Heat Recovery in Systems," Theodore A. Kozman, Jeanese Carriere, and Jim Lee, University of Louisiana at Lafayette
- "Impact of New Federal Energy Performance Standards on the Industrial Motor Marketplace," R. Neal Elliott, American Council for an Energy Efficient Economy
- "Fan System Effects: How Fan Ductwork Design Impacts Overall System Efficiency and What the Approach Should be for Optimization," Vern Martin, FLOWCARE Engineering Inc.
- "Promising Areas for Energy Efficiency in Industrial Process," Babu Joseph, Southern California Edison Company

Session 11 - Facility Energy Use Minimization

- "Utilizing Daylighting Controls in a Manufacturing Facility," Som S. Shrestha and Gregory M. Maxwell, Iowa State University
- "Industrial Buildings Energy Use: Don't Forget to Turn Out the Lights," Aiming Zhou, Vestal Tutterow, and Jeffrey Harris, Alliance to Save Energy
- "Electrical and Production Load Factors," TJ Sen and Warren M. Heffington, Texas A&M University
- "Measuring Energy Efficiency Improvements in Industrial Battery Chargers," Ryan Matley, Pacific Gas & Electric Company
- "Reduced Energy Losses in 'Hexaformer' Transformers," Peter Amos, Warner Power LLC

Session 12 - Engineering Steam Systems for Energy Efficiency

- "A Texas Refinery Success Story," Dennis Kacsur, Spirax Sarco, Inc.
- "A Louisiana Refinery Success Story," Dennis Kacsur, Spirax Sarco, Inc.
- "Real-time Optimizer," Marina Nicolaidis Barta, ExxonMobil Baytown
- "Optimizing Steam and Condensate System at a Medium Size Specialty Chemical Plant, Baton Rouge LA," Ven K Venkatesan, VGA Engg. Consultants Inc., Robert C. Tully, Louisiana Steam Equipment Company, and Bill Merritt, Honeywell Specialty Materials
- "Exergy Analysis of the Steam Network in Tehran Oil Refinery and Evaluation with New Scenario," Hassan Khodaei JA, K. N. Toosi University of Technology, Ramin Taheri Seresht, Yasun Farayand Co., and Reza Arghandeh, Mississippi State University

Session 13 - Water and Wastewater

- "Learn from What You Implemented," Joseph C. Cantwell, Science Applications International Company
- "Determination of Baselines for Evaluation and Promotion of Energy Efficiency in Wastewater Treatment Facilities," Sandra A. Chow, Ahmad R. Ganji, BASE Energy, Inc. and Stephen Fok, Pacific Gas and Electric Company
- "Application of Energy Efficiency Technologies in Wastewater Treatment Facilities," Sandra A. Chow, Luke Werner, Yin Yin Lu, and Ahmad R. Ganji, BASE Energy, Inc.

Session 14 - State Manufacturing Energy Initiative and the IAC

- "Expanding the Industrial Assessment Center Program: Building an Industrial Efficiency Workforce," Daniel Trombley, R. Neal Elliott, and Annu Chittum, American Council for an Energy Efficient Economy
- "DOE's Industrial Assessment Center (IAC) Program: Results and Benefits," Sachin Nimbalkar, Michaela Martin, and Anthony Wright, Oak Ridge National Laboratory

- "Collaboration Between the Texas A&M University IAC and the Texas Manufacturing Assistance Center," Jim Eggebrecht and Warren M. Heffington, Texas A&M University, Tom Beard, Texas Manufacturing Assistance Center, and Felix Lopez, Texas State Energy Conservation Office.

Energy Managers' Workshop
May 19 (Pre-conference)

The Eighteenth Energy Managers' Workshop is on Tuesday, May 19, 2010. It takes place at the IETC conference site hotel, the Royal Sonesta. Registration for this workshop is separate from the IETC, and you must attend the IETC in order to register for this workshop. It starts at 8 AM and ends at 5 PM.

Topics of Discussion
TBA

Saturday Workshop
May 22 (Post- Conference)

This workshop is held Saturday, May 22, 2010 at the conference site hotel, the Royal Sonesta. Registration for this workshop is separate from the IETC, and is not required for attendance at this workshop.

TBA
Topics
TBA
Bio of Speaker
TBA