



## Texas Industries of the Future

### **AUGUST 2013 NEWSLETTER**

#### **TAKE ADVANTAGE OF DISCOUNT REGISTRATION FOR ENERGY MANAGEMENT FORUM AT THE 5<sup>TH</sup> AIChE SOUTHWEST PROCESS TECHNOLOGY CONFERENCE UNTIL AUG. 9.**

The Energy Forum, held in conjunction with the AIChE conference on October 3, offers speakers from industry and technology consultants on the following topics: BASF's Award-Winning Corporate Energy Program; Using Statistical Analysis to Optimize Production within Energy Constraints at TPC Group; Driving Sustainable Savings in Utility Operations Through a Site-wide Energy Model; and Implementation Experiences in Energy Retrofit of Crude Units Using an Alternative Technology. The program, abstracts and registration information available at <http://TexasIOF.ceer.utexas.edu>

#### **PRESENTATIONS AVAILABLE FOR DOWNLOAD FROM THE "TECHNOLOGY FORUM: SUSTAINING INDUSTRIAL ENERGY EFFICIENCY IN PROCESS COOLING IN A POTENTIALLY WATER-SHORT FUTURE".**

Participants in the June 19, 2013 "Technology Forum" learned about the water needs of the process industries and the development status of alternatives to traditional cooling tower technology. The day-long meeting in Houston, Texas was organized by the Institute for Industrial Productivity and Texas Industries of the Future at the University of Texas at Austin. Thirty seven attendees from chemical manufacturing, refining, technology development and research organizations gathered to discuss the need for new process cooling technologies that use less water and do not incur an energy penalty for plant operations. Better understanding of process needs and potential options allows companies to respond to periodic shortages of water which can significantly increase costs and/or curtail production.

Presentations covered a broad range of topics, from optimizing existing cooling towers, to technologies such as hybrid and dry cooling, as well as EPRI's research agenda and a methodology for evaluating technology performance. Participants shared information, brainstormed ideas and prioritized results to help identify future directions for industry in water-short areas. A common concern across the board was that "water is cheap until it's not there", which makes it challenging to engage management and secure capital for technology investment before there is a crisis. Attendees identified research, development and demonstration needs to facilitate the transfer of new technologies developed for the power industry to chemical manufacturing and refining operations.

Presentations available at [http://texasiof.ceer.utexas.edu/docs\\_pres/conferences.htm](http://texasiof.ceer.utexas.edu/docs_pres/conferences.htm)

## TEXAS INDUSTRIES OF THE FUTURE UPCOMING EVENTS IN 2013

- *Texas Industrial Energy Management Forum*, Oct. 3, 2013. Offered in conjunction with the AIChE Southwest Process Technology Conference in Galveston, Tx. Registration open at <http://www.aiche.org/conferences/regional-process-technology-conference/2013>
- *Texas Industrial Water Management Forum*, Nov. 7, 2013, Houston, Tx. **SAVE THE DATE** for this newest program. Details to follow.

Professional development hours are available for participation in all programs.

**TEXAS IOF WEBSITE ADDRESS CHANGE.** Texas IOF changed its website address six months ago, but Goggle is only now figuring that out. So please note our new website address below. They claim it could take the Google “bots” up to 180 days to find the new site. If you have a website that has links to Texas IOF programs, please update your links.

If you would like to receive this newsletter in your inbox once a month, go to <http://texasiof.ceer.utexas.edu/tiof/tiofcontact.asp> to subscribe. Your information is never sold.

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<http://TexasIOF.ceer.utexas.edu/> **NOTE THE NEW ADDRESS!**