



## Texas Industries of the Future

April 2008

**15 TEXAS PLANTS RECOGNIZED FOR ENERGY EFFICIENCY EFFORTS.** US DOE, the Texas State Energy Conservation Office, and Texas IOF hosted an event on April 9 in Houston to recognize 15 plants in Texas that achieved significant energy savings under the US DOE *Save Energy Now* program. Keynote speakers included the Texas Secretary of State Phil Wilson (right picture) and Fred Moore, Director, Manufacturing and Technology, Energy Business, Dow Chemical (bottom picture).

The 15 sites combined saved 1.1 trillion Btus per year from their actions. Twelve sites were classified as “Savers”, meaning they saved greater than 7.5 percent of the total energy or 75,000 million Btus; three sites were designated as “Champions”, those plants that saved greater than 15 percent of their total energy or 250,000 million Btus. Twelve plants at the “Saver” level included: Custom Rubber Products, Flexible Foam Products, Groth Corporation, Hampson, Honeywell, the Houston Chronicle, MeadWestvaco, Osteomed, Sunoco-Bayport, Texas Petrochemicals LP – Houston Plant, Trelleborg CRP and Tyson Foods, Inc. The three Texas champions were the Dow Chemical Company-Power 6 Freeport, the Houston Chronicle – SW Printing Plant and NBGS International.



Mr. Moore concluded the recognition event with a presentation on the need for a comprehensive national energy policy. Moore stressed that a comprehensive energy policy must recognize that energy, feedstocks, national security and climate change are inseparable. The petrochemical industry relies on energy as its feedstock, in the form of gas liquids and naphtha. With high energy prices moving large petrochemical expansions overseas, the nation's increased reliance on imports for basic chemicals, that are ingredients in everything from medicines to computers to adhesives to cell phones,



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will have a real impact on our national security. And last, because 80% of our energy is derived from fossil fuels, one cannot address energy, feedstocks or national security without also addressing climate change. He went on to say that our national energy policy needs to address 4 key areas if we are to make real progress: 1) we must increase energy efficiency across all sectors of the economy; 2) we must expand our own supplies of natural gas and oil; 3) we must diversify the fuels and feedstocks we use, adding more nuclear, coal to gas and chemicals, and add renewables like bio, solar, tidal, wind and hydro; and 4) we must provide more funding for basic research in the field of energy and in our infrastructure to move and store energy, particularly electricity.

See the press release at <http://TexasIOF.ces.utexas.edu> (Photos courtesy of the Texas Learning & Computation Center, University of Houston)

### **TEXAS INDUSTRIAL ENERGY FORUM PRESENTATIONS APRIL 3 AVAILABLE.**

[http://texasiof.ces.utexas.edu/PDF/Presentations/Apr3\\_08/Post%20event%20web%20posting.pdf](http://texasiof.ces.utexas.edu/PDF/Presentations/Apr3_08/Post%20event%20web%20posting.pdf) Speakers from Pavillion Technology, ExxonMobil, and Eastman Chemical addressed advanced controls and optimization. The report presented by Pedro Haas, McKinsey & Company, on energy projects and CO2 cost reduction curves can be found at <http://www.mckinsey.com/client-service/ccsi/greenhousegas.asp>

### **FORMATION OF TAG FOR INTERNATIONAL STANDARD ON ENERGY MANAGEMENT.**

ANSI has approved the formation of a United States Technical Advisory Group (US TAG) for the ISO project committee (ISO PC 242) mandated to develop an international standard on energy management. The TAG is a mechanism for identifying issues and developing national consensus regarding energy management. Read the announcement for more details about the group's charge and how to participate.

[http://www.superiorenergyperformance.net/pdfs/Announcement for US TAG.pdf](http://www.superiorenergyperformance.net/pdfs/Announcement%20for%20US%20TAG.pdf)

### **MARK YOUR CALENDARS: UPCOMING TRAINING AND CONFERENCES**

- **Industrial Energy Technology Conference**, May 7-8, New Orleans. <http://esl.eslwin.tamu.edu/ietc/home.html>
- **"Reaping the Benefits of Energy Management" at the Texas Chemical Council Annual Seminar**, June 12, 2008, Galveston, Texas. Register online at <http://www.ehs-seminar.com/> You can download a copy of the energy management track from <http://texasiof.ces.utexas.edu/PDF/Meetings/Web%20Program%20TCC%20Energy%20Management%204%2015.pdf>

### **ENERGY STAR SALES TAX HOLIDAY MAY 24-26, 2008. MEMORIAL DAY**

**WEEKEND** During Memorial Day weekend, Texas shoppers get a break from state and local sales and use taxes on purchases of certain energy efficient products. The 2008 Energy Star sales tax holiday begins at 12:01 a.m. on Saturday, May 24, and ends at 11:59 p.m. on Monday, May 26 (Memorial Day). Go to the Comptroller's website to check for qualifying purchases:

[http://www.window.state.tx.us/taxinfo/taxpubs/tx98\\_836/](http://www.window.state.tx.us/taxinfo/taxpubs/tx98_836/)

### **DOE ACCEPTING APPLICATIONS FOR SAVE ENERGY NOW ASSESSMENTS.**

A DOE program that has performed energy assessments at 253 industrial plants throughout the United States is ready for more. Save Energy Now assessments primarily focus on energy-intensive components and systems, such as fans, pumps, and systems for process heating, steam, and compressed air. To date, the assessments have resulted in annual energy savings of nearly \$63 million, and currently planned projects are expected to yield another \$263 million

in annual energy savings. See the Save Energy Now web site at <http://www1.eere.energy.gov/industry/saveenergynow/assessments.html>

**TEXAS IOF PROGRAM EVALUATION HIGHLIGHTS ACCOMPLISHMENTS.** Since its inception in 2001, Texas IOF has organized 48 workshops, forums, roundtables and conferences, with a total of over 2,300 attendees, on energy efficiency topics. The evaluation of the Texas IOF program highlighted accomplishments in several areas:

- 59 out of the top 195 or 30 % of the largest industrial sites have staff that attended Texas IOF events. The goal was to reach 25 % of the largest industrial plants in Texas.
- Best Practice workshops are estimated to have saved 1.791 Trillion Btus as a result of attendees using the software and implementing energy saving projects back at their plants.

Read about the program results at the Texas IOF website <http://TexasIOF.ces.utexas.edu>