June 2019 Newsletter

Ever in Need of Help Finding Possible Sources of Expertise to Help with Your Industrial Energy Efficiency Project?

In 2017, the Texas State Energy Conservations Office (SECO) directed The University of Texas at Austin to look strategically across the programs of non-profit and public organizations providing industrial energy efficiency technical, financial, and training assistance to Texas industries to ensure there was effective coordination, logical alignment, and minimal duplication of efforts particularly in light of the reductions in funding experienced by these programs. The report on this review included a recommendation to convene a Texas Industrial Energy Efficiency Network (Network) whose purpose would be:

1. to enhance communication among its members,
2. to share current developments, changes in services, information about constituency needs, and programmatic Best Practices; and
3. to guide the development and maintenance of an information portal addressing the needs of non-utility, publicly-funded or non-profit industrial EE organizations and their customers.

The Network convened for the first time in the fall of 2017 and has developed a web page that is an information portal to learn more about the Network members. SECO and Network members hope that the formation of the Network and creation of this portal will facilitate and significantly improve the experience of potential industrial beneficiaries seeking the services offered by Network members. You are encouraged to visit the TIEEN webpage for the latest information on services offered by Network members and to contact them if they can be of assistance to you.

Registration for Summer Workshops is Now Open

- **Steam & Cogeneration System Assessment - July 23**
  Instructor: Dr. Greg Harrel, Energy Management Services

- **Boiler & Cooling Water Systems: Operations and Chemical Treatment - July 24**
  Instructor: Mr. Charles Kuhfeldt, CauseWay Water Consulting and Services, LLC

  *Location: Houston Business Roundtable Training Center, Pasadena, Texas*

  *Cost: $40 each*
Thanks to the support of our partners Texas State Energy Conservation Office (SECO) and the Houston Business Roundtable (HBR), we are happy to announce that registration is now open for two one-day technical workshops. The two workshops will be held at the HBR Training Center, 5213 Center Street, Pasadena, Texas, 8:00 am to 4:30 pm. The cost for each workshop is $40 until the late registration date of July 12. But don’t wait that long to register as seats fill up fast and this will be the only offering of each workshop this year. At this price, this is a tremendous value and opportunity to learn from two experts in their fields. Registration covers course materials, refreshments and lunch. Here are brief overviews of each workshop.

Steam & Cogeneration System Assessment – Tuesday, July 23, 2019
Instructor: Dr. Greg Harrel, Energy Management Services

Steam is central to the operation of most industrial facilities. Typically, steam systems comprise one of the largest operating costs associated with an industrial plant. This course will cover the operation of typical steam systems and will discuss methods of system efficiency improvement. The course is divided into three major categories:

- Steam Generation Efficiency
- Resource Utilization Effectiveness
- Steam Distribution System Management

For a detailed course description and to obtain this workshop’s registration information and form, please follow the link to Steam and Cogeneration System Assessment Workshop

Boiler & Cooling Water Systems: Operations and Chemical Treatment – Wednesday, July 24, 2019
Instructor: Mr. Charles Kuhfeldt, CauseWay Water Consulting and Services, LLC

Steam and Cooling Water are central to the operation of most industrial facilities. In the operation of boilers and cooling systems the equipment must be protected from damage due to corrosion, scaling or fouling, and other causes. These problems can impact the cost of operation significantly and can even interrupt production. In fact, these problems can physically destroy your equipment.

The workshop is divided into three major categories:

- Water Chemistry and Water Purification/Preparation for Use
- Boilers and Steam Systems
- Cooling Water Systems

The instructor will cover the operation of steam and cooling water systems and will discuss methods of system protection, limits of operation and how to maximize system efficiency through effective chemical treatment. Water use minimization and reuse is a key focus for facilities sustainability efforts. Actual case studies will be discussed.

For a detailed course description and to obtain this workshop’s registration information and form, please follow the link to Boiler and Cooler Water Systems Operations and Chemical Treatment Workshop
MARK YOUR CALENDARS!
TEXAS INDUSTRIES OF THE FUTURE UPCOMING EVENTS IN 2019

- **Steam & Cogeneration System Assessment Workshop** – Tuesday, July 23, 2019, Pasadena, Texas

- **Boiler & Cooling Water Systems: Operations and Chemical Treatment** – Wednesday, July 24, 2019, Pasadena, Texas

- **AIChE Southwest Process Technologies Conference**, October 1-2, Sugarland, Texas

- **Industrial Water Management Forum**, November 7(tentatively), Houston, Texas

Professional development hours (PDHs) toward the Professional Engineers’ annual Continuing Education Program (CEP) requirements are available for participation in all Texas IOF programs.

*Want To Receive Notices About TX IOF Events and Other Industrial Energy and Water Management Trainings?*

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*Thank you for your interest and support!*

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