

UNIVERSITY of HOUSTON

UH ENERGY

TIEEP

TEXAS INDUSTRIAL ENERGY
EFFICIENCY PROGRAM



2021 Texas Spring Energy Forum, March 4, 2021

The Texas Industrial Energy Efficiency Program is delighted to announce the **2021 Texas Spring Energy Forum** – one of the highlights on TIEEP's annual calendar. Our theme is *Decarbonizing the Process Industries*. The forum will be held as a webinar, **4:20 to 5:50 pm, March 4, 2021**. Registration is open [here](#).



The Energy Forum will be followed (**6:00 pm**) by the **STS-AIChE March Virtual Dinner Meeting**, with speaker **Faisal Khan**, the new

Director of Mary Kay O'Connor Process Safety Center at TAMU. Energy Forum participants are invited to stay for the AIChE meeting presentation.

PDH certificates are available for both the **Energy Forum** and the **STS-AIChE monthly meeting**.

Upcoming TIEEP Events

Thursday, March 4, 2021, 4:20-5:50 pm:
TIEEP Virtual Spring Energy Forum, *Decarbonizing the Process Industries*, Cosponsored by STS-AIChE

Thursday, April 15, 2021 2:00-3:30 pm:
TIEEP Webinar, *Publicly Supported Industrial Energy-Efficiency Organizations in Texas*, Cosponsored by Lonestar Chapter, AEE.

Thursday, May 6, 2021, 4:20-5:50 pm:
TIEEP Virtual Water Forum, *Reducing Water Use in Manufacturing Plants*, Cosponsored by STS-AIChE.

Details may be subject to change

Many thanks to STS-AIChE's event sponsor:



Energy Forum Program

Theme: *Decarbonizing the Process Industries.*

Decarbonization has become an ESG (environmental, social and governance) priority for the process industries, and energy efficiency is an important component in any decarbonization strategy. However, many other technologies have a part to play – for example, electrification, biofuels, and hydrogen. The Energy Forum will explore these technologies, and their impact in the process sector, with the help of industry leaders and subject matter experts. Confirmed speakers are:

James Turner, Executive Process Director, Fluor. *Decarbonizing Industrial Facilities by Electrification*

Refineries and Petrochemical Complexes may benefit from using more electricity instead of steam and fuel gas for their energy needs. Improved energy efficiency, lower emissions (including reduced CO2 emissions), higher reliability, debottlenecking of utility systems, and avoided boiler upgrade projects may be achieved.

Ways to electrify your facilities, advantages of Electrification, and challenges that a project may face, for both revamps and new designs, will be discussed. Major systems impacted, and what to look out for will be presented, along with some examples and case studies.



Jack L. Farley, President & CEO, Apex Compressed Air Energy Storage, LLC; Green Power Supply in Texas. The ERCOT grid is getting greener. This presentation will discuss the technologies that are making this happen, and the financial tools that you will also need to improve your company's carbon footprint.



John Plant, Plant Manager, REG Houston. *Decarbonization Through Biofuel Use & Production.*

As the world demands greater carbon reduction, biofuels are stepping up to the challenge to help accelerate decarbonization. Biofuels like biodiesel and renewable diesel are options available today to reduce carbon in the transportation and home heating sector. Global biofuel producer, Renewable Energy Group (REG), is helping lead the charge for carbon reduction now. John Plant, plant manager at REG Houston's biodiesel production facility, shares his experience with decarbonization through the use of renewable fuels. Learn what biofuels are, how they are made and what they are doing to accelerate carbon reduction.



Additional details, including speaker bios, are available [here](#).

Don't forget to register [here](#) for the **Texas Spring Energy Forum**. We look forward to seeing you there on March 4!

If you have any questions, or difficulties with registration, or distribution list additions or removals, please contact Li Lopez, llopez37@Central.UH.EDU or 713-743-7904.