

2019 GAS/ELECTRIC PARTNERSHIP

C O N F E R E N C E XXVII SINCE 1994

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CenterPoint Energy
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Gas Compression Magazine
OSIsoft – makers of the PI system
ACI Services, Inc.
Solar Turbines Incorporated
Radix Engineering & Software
Siemens Oil & Gas
Enchanted Rock
COMPRESSORtech2
AFGlobal
Voith Turbo Inc.
INNIO Waukesha Gas Engines, Inc.

Opportunities in Gas Infrastructure

February 6-7, 2019

**CenterPoint Energy Tower
1111 Louisiana
Houston, Texas**

Opportunities in Gas Infrastructure

Preliminary Agenda, continued

February 6

Oil & Gas Outlook

- 7:30 am Registration and Continental Breakfast
- 8:00 am Introduction
- 8:10 am The Outlook for North American Oil and Gas, *Edward Kelly, IHS/Markit*
- 8:40 am Gas Infrastructure Needed for US LNG Exports, *Corey Grindal, Cheniere*
- 9:15 am Production Outlook and Challenges for Major Basins, *RT Dukes, Wood Mackenzie*
- 9:45 am Break

Pipeline Systems Outlook

- 10:10 am Gas Infrastructure Trends Roundtable – *Edward Kelly, IHS/Markit; George Wayne, Kinder Morgan; Shelley Frisby, Boardwalk Pipeline; Monica Edwards, TransCanada*

Gas/Renewables Integration & Energy Storage

- 11:10 am Gas/Renewables Integration, *George Wayne, Kinder Morgan*
- 11:50 am Lunch
- 12:50 pm Gas-Power Nexus Roundtable – *Gurcan Gulen, G2 Energy Insights, Moderator; with Matthew Suhr, Calpine; Rob Minter, ENGIE North America;*

Blake Zimmerman, Enchanted Rock; Ryan Meske, Boardwalk Pipeline; Anders Johnson, Kinder Morgan; Sam Pyne, Haddington Ventures; Tim Allison, South-west Research Institute

3:45 pm Adjourn

February 7

Midstream Infrastructure

- 8:00 am Registration and Continental Breakfast
- 8:15 am Introduction
- 8:30 am Leveraging Digital Technologies – *Craig Harclerode, OSIsoft and Richard Frogge, Radix, Moderators; with Anders Johnson, Kinder Morgan; Marco Leon, Solar Gas Turbines; Marco Govoni, Atmos Energy; S. M. Hoover, OneOK; Marc Hornbrook, Williams*
- 9:30 am TECH UPDATES, *Norm Shade, ACI Services, Moderator*
 - ◇ Toshiba (Sean Adkins) – MV Drive Cyber-Physical Systems
 - ◇ Enchanted Rock (Blake Zimmerman) – Reliable On-call Back-up Power Generation
 - ◇ OSIsoft (Craig Harclerode) – Best Practices for “Going Digital”
 - ◇ Optasense (Paul Stevenson) – Fiber Optic Pipeline Leak Detection

Opportunities in Gas Infrastructure

Preliminary Agenda, continued

10:20 am Break

10:40 am Power Transmission for Far West Texas,
Mina Turner, Alan Ward, American Electric Power;
Brent Kawakami, Oncor Electric Delivery

11:15 am Off-grid Power Options, *Leonard Moore,*
Gentherm

11:30 am Permian Highway Pipeline, *Hubert Eldridge,*
Kinder Morgan

11:45 am Lunch

Compressors & Drivers

12:45 pm Reducing Fugitive Emissions from Compressors,
Norm Shade, ACI Services, Moderator

- ◇ Compressor Station Sources and Reduction Methods (Ronald E. Miller) – Basic Systems Inc.
- ◇ Sources and Examples of Solutions (Sarah B. Simons) – Southwest Research Institute
- ◇ Piston Rod Packing Upgrades for Emissions Reduction in Reciprocating Compressors (Craig Martin) – Cook Compression
- ◇ New Technologies for Reducing Rod Packing Fugitive Emissions (David Schroeder) – Compressor Products Int'l

◇ Fugitive Emissions Reduction Solutions (Chris Mellos) – Solar Turbines

1:50 pm Compression Tech Updates, *Norm Shade, ACI Services, Moderator*

- ◇ Solar Turbines (Bill Watkins) – Centrifugal Compressor Technology Update
- ◇ Siemens Oil & Gas (Scott Tackett) – Gas Turbine Trains in a Cryoplant Application
- ◇ MAN Energy Solutions (Stefan Niederhauser) – Hermetically Sealed High-Speed Compression
- ◇ INNIO/Waukesha Gas Engines (Hari S. Sivadas) – VHP and 275GL and Product Line Updates

2:40 pm Strategies for Driver & Compression Flexibility – *Christean Kapp, AFGlobal, Moderator;*
with Marybeth McBain, Kinder Morgan;
Elliot Metzger, Williams Gas Pipelines;
Robert Van Borssum, Enbridge Energy;
Arnold Eisenstein, Universal Pegasus;
Michael Moses, TransCanada

3:20 pm Adjourn

2019 GAS/ELECTRIC PARTNERSHIP CONFERENCE XXVII — REGISTRATION

Fax to 866-914-7542 or email to KT@gaselectricpartnership.com

Yes, I plan to attend the conference, February 6-7, 2019. Fee is \$700 \$ _____

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