

Opportunities in Gas Infrastructure

*Energy Storage –
A Revolution in Sight?*

UNDERWRITERS

MAN Diesel & Turbo
Nidec Industrial Solutions
CenterPoint Energy
Neuman & Esser USA Inc.
Compressor Tech II
ACI Services, Inc.
American Electric Power
Gas Compression Magazine
Siemens/Dresser Rand
Toshiba International Corporation
Solar Turbines Incorporated
Voith Turbo Inc.
GE's Waukesha Gas Engines
Crescent Power Systems
ABB Inc.
Ariel Corporation

**January 31 &
February 1, 2018**

CenterPoint Energy Tower
1111 Louisiana

Houston, Texas

Thanks to planners from
Boardwalk, ConocoPhillips,
Energy Transfer, Kinder Morgan,
McKinsey & Co., TransCanada, Williams



Thursday, January 31

CenterPoint Energy Tower, 1st floor auditorium

8:15 Conference Introduction

Pipeline Systems Outlook

8:25 **The State of the Gas Industry – developments & uncertainties amid abundance**
Edward Kelly, IHS/Markit

9:00 **Seeking Growth – what will drive US natural gas demand?**
Andrew Slaughter, Deloitte Services LP

9:20 **Gas/Crude/NGL Imbalances and Pipeline Consequences**
Michael Juden and Jamie Brick, McKinsey & Co

9:45 Break

10:05 **Gas Pipelines and Storage Investment Roundtable**
Moderated by Michael Juden, McKinsey & Co.
with Wes Sutherland, Williams, Michael Moses, TransCanada,
Hubert Eldridge, Kinder Morgan, and Gregg Philbrick, Boardwalk

11:05 **Pipeline Projects, Gulf Coast Express**
Hubert Eldridge, Kinder Morgan

11:25 Lunch

Permian & Midstream Infrastructure

12:25 **Permian Infrastructure Outlook**
Edward Kelly, IHS/Markit

12:40 **Management of Water in Oil/Gas Production**
Kristie McLin, ConocoPhillips, Jim Summers, H2Omidstream

1:40 **Upstream/Midstream Equipment Technical Updates**
Moderated by Norm Shade, ACI Services, Inc.

- Upstream and Midstream Compression Operational Challenges, *Norm Shade, ACI Services, Inc.*
- Compression Alternatives: Gathering & Treatment of Gas in the Upstream – *Scott Tackett, Siemens*
- Novel Technology for Addressing Liquids-Rich Compression Applications – *Jeremy Pitts, Hicor Technologies*
- New VHP Series Five Gas Engine – *Ryan Krafcheck, GE/Waukesha*
- New & Improved 560 Hi-Speed Reciprocating Compressor – *Joe Lesak and Scott DeBaldo, Neuman & Esser*
- New Compressor Valve Technology – *Brandon Durbin, Ariel Corporation*

3:00 Adjourn

Thursday, February 1

CenterPoint Energy Tower, 1st floor auditorium

8:00 Conference Introduction

Gas Supply for Power

8:10 Regional Impact of Renewables

Moderated by Gurcan Gulen, University of Texas Center for Energy Economics

- *Mark Rothleder, California Independent System Operator*
- *Jim Robb, Western Electricity Coordinating Council*
- *Kenan Ogelman, Electric Reliability Council of Texas*

9:30 Power Grid Reliability and Implications for Gas

Thomas Coleman, North American Reliability Council

10:00 Break

10:20 Gas Pipelines and Storage Deliverability Roundtable

Moderated by Anders Johnson, Kinder Morgan with Michael Moses, TransCanada, Dan Noack, PAA Natural Gas Storage, Chris Micsak, Haddington Ventures, Chris Humes, Crestwood Midstream, and Steven Baroni, Williams

11:20 Entergy Texas Expansions and Upgrades

- *Transmission – Jeff Dicharry, Entergy*
- *Montgomery County Power Station – Staci Meyer*

11:40 Lunch

Compression and Drivers

CenterPoint Tower Auditorium

12:40 Pipeline Compressor Station Technical Updates

Moderated by Norm Shade, ACI Services, Inc.

- *Modular Compressor Stations – Ken Rumsey, Solar Turbines*
- *VECO-Drive Electromechanical Variable Speed – Roland Hoet, Voith Turbo*
- *Pony Motor Starting System Package for Large Compressor Trains – Matt Colosino, Crescent Power*
- *Motor Starting Considerations for Electric Motor Driven Compressors – Tanner Knecht, ABB*
- *Dynamic Variable Orifice for Adjustable Pulsation Dampening and System Blow-Down Rate Control – Roy Houston, ACI Services Inc.*

1:45 Break

2:00 Compressor/Driver Selection Strategy Roundtable

Moderated by Christean Kapp, COMPMaster with Marybeth McBain, Kinder Morgan, Michael Moses, TransCanada, Jonathan Lee, SEC/Energy Transfer, Uday Taraga, ADI Analytics, and Arnold Eisenstein, Universal Pegasus

2:45 Compression System Vibration Technical Updates

Moderated by Norm Shade, ACI Services, Inc.

- *Acoustic-Induced Vibration Screening and Mitigation in Piping Systems – Brandon Riden, Southwest Research Institute*
- *Free Piping Vibration Risk Software for Industry – Lini Taylor, Wood Group*

3:15 Adjourn