Monday, July 30

9:00 a.m. – 6:00 p.m.  Onsite Registration/ Badge Pick Up

1:00 p.m. – 2:45 p.m.  Operating Conference Opening & Welcome

Welcome to Tampa
T.J. Szelistowski
President, Peoples Gas System

Award Presentations & Volunteer Recognition
Bill Cantrell, SGA President & CEO

Keynote Address: The Power of Influence: Getting Along and Getting Things Done
Andy Urich
Oklahoma State University

2:45 p.m. – 3:00 p.m.  Break

3:00 p.m. – 4:30 p.m.  Securing Remote Access to Control Systems
Facilitated by: Brian Sloan, TransCanada
Presented by: Tim McSwain, Dominion Energy,
Steve Adams, TransCanada

In today’s world of cybercrimes, hackers, bad actors and hactivists, securing the Industrial Control System (ICS) assets and information from systems external to the ICS framework is critical. However, there are several desired and necessary communication channels between the ICS and systems external to it. The discussion on how to secure these remote access requirements is an important and timely one.

4:00 p.m. – 6:30 p.m.  Reception with Exhibitors

Tuesday, July 31

7:00 a.m. – 1:00 p.m.  Onsite Registration/ Badge Pick Up

7:00 a.m. – 8:00 a.m.  Breakfast with Exhibitors
8:00 a.m. – 9:30 a.m.  **Designing an Effective HMI System**  
Facilitated by: Brian Sloan, TransCanada  
Presented by: Chris Scurlock

An interactive conversation discussing the fundamentals of HMI Design. Discussion includes techniques for creating effective, user friendly designs and improving design scalability to allow easy transitions from site to site. The discussion will also include ideas for improving navigation and organization of data within the graphics. Participants are asked to come prepared to discuss and share their knowledge and experiences.

9:30 a.m. – 9:45 a.m.  **Break**

9:45 a.m. – 11:30 a.m.  **Real Time Predictive Maintenance**  
Facilitated by: Brian Sloan, TransCanada  
Presented by: Ionut Buse, Brendan Bell

How TransCanada uses SQC Analytics in PIAF to build and grow their Enterprise Anomaly Detection platform for rotating equipment. TransCanada US Gas division has built a platform for identifying functional degradation through anomaly detection across their diverse rotating equipment fleet. This program has driven “just-in-time” condition based maintenance and significant savings through failure avoidance.

The discussion will focus on:

- The use of AF, in particular the design of SQC Analyses in AF Server 2017 for scalability and rapid growth
- Technology and process best practices for building and maintaining thousands of statistical models, given the dynamic operating conditions across a large geographical footprint
- Managing the investigative workflow from initial detection, through failure avoidance savings

11:30 a.m. – 1:00 p.m.  **Lunch**

1:00 p.m. – 2:45 p.m.  **Methodologies for Calculating Horsepower for Reciprocating & Centrifugal Compressors**  
Facilitated by: Brian Sloan  
Presented by: Dwayne Hickman, ACI Services, James Cummings, Dominion Energy

We will be discussing general power and flow equations, slippage equations, rod load and pin reversal equations, thermodynamic modeling approaches, non-proprietary OEM specific methodologies, constraint equations, interstage pressure determination approaches, best load step selection methodologies.
2:45 p.m. – 3:00 p.m.  Break

3:00 p.m. – 4:30 p.m.  **Open Discussion**  
Facilitated by: Brian Sloan, TransCanada  

*This is an open topic session intended to allow attendees the opportunity to bring forward topics not previously considered by the planning committee.*

4:30 p.m. – 5:30 p.m.  Reception with Exhibitors

6:00 p.m. – 9:00 p.m.  **Dinner and Special Event**  
Lowry Park Zoo

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**Wednesday, August 1**

7:00 a.m. – 8:00 a.m.  Breakfast with Exhibitors

8:00 a.m. – 10:30 a.m.  **Concurrent Breakout Sessions**

10:30 a.m.  Conference Adjourns