

NATURAL GAS CONFERENCE AND EXPO CHARLOTTE, NC October 18 – October 20

October 18, 2021

9:15 AM 10:15 AM **Advertising Potential for Natural Gas Usage**

Committee: Commercial, Residential, Industrial Markets **Room:** W206 B

Description: Inventory and success stories of company marketing and advertising methods that are helping propel the natural gas industry forward.

Target Audience: All Audiences

Learning Objectives:

- Understand current messaging companies are using to promote natural gas
- Learn methods for discussing the natural gas industry positively

Speakers: Ryan Duggan

9:15 AM 10:15 AM **Cyber Security Roundtable**

Committee: Compression **Room:** W209 A

Description: Review of recent events including sources of information, what does TSA have, ICS? Reviewing tools that are available. Review updated terms and conditions, Open Q&A

Target Audience: Operation Technology / Security System Professional

Learning Objectives:

- Current TSA/Homeland Security Directives
- Password Protection of PLCs/HMI
- ICS-CERT Information
- Lansweeper Use
- Lansweeper Use

Speakers: David Amerson



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October 18, 2021

9:15 AM 10:15 AM End User Perspectives

Committee: Business Development Room: W205 CD

Description: Discussion on how to portray positive benefits of natural gas to consumers: comfort, luxury, saving money, reducing carbon footprint, net zero potential.

Target Audience: All Audiences

Learning Objectives:

- Understand the end user's view of natural gas
- Learn how to discuss and portray the positives of natural gas
- Learn methods to portray the industry as an important part of the future.

Speakers: Amber Oetting, SGA

9:15 AM 10:15 AM Finance & Accounting Workplace of the Future Roundtable

Committee: Accounting & Finance Room: W205 AB

Description: Join industry professionals to discuss emerging trends and changes in workplace dynamics, practices, and technologies. Topics will include accounting and finance applications of robotic processes and advanced software tools, remote work options and implications, and automation and personnel ownership of automated processes.

Target Audience: Accounting & Finance, Treasury, IT, Human Resources

Learning Objectives:

- Understand the definition of automation and its differentiation from manual processes
- Understand which parts of the accounting workplace are adaptable to automation and which parts are not
- Hear real-world success stories and challenges of incorporating automation into the accounting and finance workflow
- Understand the best uses of automation and how best to leverage automation to increase efficiency
- Understand techniques for how to engage the current workforce to adopt and embrace automation

Speakers: Russell Wright, CenterPoint Energy



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October 18, 2021

9:15 AM 10:15 AM Meter To Cash Session

Committee: Customer Experience Room: W209 DE

Description: Discussion topics and vendor presentations on credit collection, payment, billing, and other meter to cash concerns. Open discussion among participants sharing 2-3 problems facing them in their roles currently.

Target Audience: Meter to cash professionals

Learning Objectives:

- Learn about new technology developments
- Explore additional technologies from exhibitors

Speakers: None, each attendee should come with questions

9:15 AM 10:15 AM **New Methane Detection Technology and its Effects on Codes and Standards**

Committee: Codes and Standards Room: W206 A

Description: Explore and learn about new developments in methane detection devices and the codes surrounding them. Research project updates on new projects and new codes.

Target Audience: Codes and standards professionals,

Learning Objectives:

- Learn new updates on methane detection products.
- Learn if new codes and standards will be coming in the future regarding Methane Detection
- Learn about research updates for other emerging projects

Speakers: Dennis Jarnecke, GTI



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October 18, 2021

9:15 AM 10:15 AM PHMSA Audit Experiences

Committee: Control Room Management Room: W209 B

Description: This roundtable discussion offers a chance for operators and associates alike to connect on the topic of PHMSA Audits. Learn from the experiences of industry peers, understand what PHMSA is and is not looking for when conducting audits, and share best practices among companies throughout the industry.

Target Audience: Control room personnel, Business development, Marketing, Measurement & Regulation, Pipeline Safety, Regulatory

Learning Objectives:

- Understand common audit findings among industry peers
- Understand conversations being had around PHMSA audits that are not formally documented – the informal “heads ups”
- Understand best practices and improvements mentioned during inspections
- Identify key areas PHMSA is heavily focused on

Speakers: Trish Thomason, Integrity Solutions, Ltd.; Vickie Cain, Williams.

9:15 AM 10:15 AM PHMSA Audit Review / Operator Feedback (Part 1)

Committee: Storage Room: W208

Description: This interactive roundtable will focus on sharing best practices related to Integrity Management programs for Underground Gas Storage. During this session operators will share lessons learned in preparing for and participating in audits. Roundtable participants will be able to share best practices related to Storage Integrity and audits.

Target Audience: Storage Engineers, Integrity Engineers, Storage Operators, Storage Integrity Professionals, Company Operations

Learning Objectives:

- Understanding implications of the Storage Final Rule
- Methods for preparing for an inspection
- Recordkeeping best practices

Speakers: Jason Marshall, Centerpoint.



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October 18, 2021

9:15 AM 11:30 AM PA-12 The High Pressure, Hydrocarbon Permeation Resistant, Pipe of the Future, NOW!

Committee: Learning Lab **Room:** W207 CD

Description: In this session we will introduce the PA-12 piping system and discuss how and why you should be using it. We will discuss how you can: cut lifespan costs, speed up installation, reduce cathodic protection issues, reduce permeation issues, replace steel with high pressure plastic, and use the same tools you already own. PA-12 can be the solution to several common issues and it is available today! Come learn about a piping system that can help you bridge the gap and take you into the future!

Target Audience: Anyone who is involved in Engineering, Compliance, Operations, or Supply Chain would benefit from hearing this presentation.

Learning Objectives:

- Attendees will learn about PA-12 and where/when to use it.
- Attendees will be able to Compare and Contrast PA-12 to Steel and PE
- Attendees will understand how they can save time and money while building a safer system.

Speakers: Ryan Ellis, Groebner

9:15 AM 11:30 AM Pandemic Lessons - Working in the New Normal

Committee: Spring GasRoom: W209 C

Description: This panel discussion with follow-up Q&A discussion will delve into the ins and outs of safety culture. Incorporating multi-generational perspectives, the session will cover the COVID 19 pandemic, lone worker safety, assumed workforce knowledge, personnel feedback, and the use of technology for culture building.

Target Audience: All Audiences

Learning Objectives:

- Understand the necessity of infusing safety culture with your corporate culture, and effective methods to do so
- Understand methods to form and adapt safety culture to connect with a multi-generational workforce; understand methods to use technology to connect with younger employees
- Understand actionable timelines for developing strong safety culture
- Understand methods for avoiding mixed messaging and ensuring consistency of safety communications, training, and implementation
- Understand methods for maintaining strong safety culture for remote or home-based employees; understand legal implications of safety policy for remote employees

Speakers: Matt Ballard, Sevier County Utility District; Brian Woody, Duke-Energy; Mitch Lister, Southern Company Gas; Jennifer Myers, Dominion Energy; John Hornsby, Dominion Energy

9:15 AM 11:30 AM Utilizing the GoVAC Flex System to minimize GHG during routine pipeline operations and maintenance

Committee: Learning Lab **Room:** W207 AB

Description: Our learning lab will demonstrate the functionality of the GoVAC and illustrate its value proposition to natural gas pipeline operators reducing GHG emissions and achieving ESG goals. Utilizing presentations, videos, research, insight into environmental regulation, and real environmental and performance data from case studies of field demonstration projects at several natural gas utilities, viewers will gain a better understanding as to why the GoVAC Flex System is the pipeline evacuation system that sets itself apart in performance and emissions reductions

Target Audience: Pipeline Operators

Learning Objectives:

- Understand the timeliness of the GoVAC in enabling pipeline operators to minimize venting and flaring before impending regulation
- See how the environmental reporting capabilities of the GoVAC enable natural gas operators to document their progress towards ESG goal
- Demonstrate the advantages of a fully integrated pipeline evacuation system that requires no external power source in its operation

Speakers: Heather Smercina; Rick Kay, Onboard Dynamics, Inc.

9:15 AM 4:00 PM Gas 101 (All Day Class with Break for Lunch)

Committee: Spring Gas **Room:** W209 F

Description: Participants will leave this class with a high-level overview and general understanding of a utility's natural gas distribution system. Initially conceptualized as an explanation of the system for LDC supply chain employees, the course has been expanded to meet the needs of anyone who would benefit from a basic understanding of how the system is constructed, maintained and operated.

Target Audience: All Audiences

Learning Objectives:

- Understand foundational concepts related to the gas transmission/distribution network and the major components used throughout the industry

Speakers: Various Speakers

October 18, 2021

10:30 AM 11:30 AM Emissions Reduction

Committee: Engineering, Design, & Construction Room: W205 CD

Description: This panel discussion incorporating upstream, midstream, and downstream perspectives will explore the ins and outs of emissions reduction. Covering topics ranging from the PHMSA Mega Rule, damages, replacements, quantifying emissions, and blowdowns, the session will also delve into:

- June 7th PHMSA Announcement
- Operations & maintenance and regulatory, future projects
- Compressor efficiency – results of combustion
- What are operators doing to reduce emissions on projects?
- Distribution system emissions – tracking, quantifying, reducing
- Lifecycle efficiencies
- Different methods to aid in reduction of emissions
- Programs and strategies employed by different companies to reduce emissions
- Varying methods for measuring emissions and emissions reduction
- How regulatory agencies are working with companies to allow companies to recover on expenditure to reduce emissions
- Methodologies for completing an emissions inventory

Target Audience: Pipeline Safety

Learning Objectives:

- Understand the various sources of emission
- Understand how to create a baseline measure
- Understand various methods for emissions reduction; understand what various industry operators are doing to reduce emissions
- Understand the regulatory environment for emissions reduction efforts
- Understand some of the biggest “bang for your buck” emissions sources to target for reduction

Speakers: Rob Hembree, Southern Company Gas; Mike Bradley, TRC



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October 18, 2021

10:30 AM 11:30 AM Untangling the Regulatory Soup Regarding Air

Committee: Environmental Room: W206 B

Description: This presentation will focus on the nuances of air requirements for each regulatory agency (i.e. EPA, PHMSA, FERC...) and examples of potential strategies companies can use to comply or prepare to comply. Topics will include: OOOOA updates, ozone non-attainment, and methane mapping and OGI.

Target Audience: Environmental, PHMSA Compliance, Producers, Transmission, Developers, Storage

Learning Objectives:

- Understand the ways in which agency regulations on air overlap
- Become familiar with different approaches companies are taking to meet the demands of regulatory agencies
- Understand how to be prepared to plan construction or other projects in accordance with air requirements
- Understand ongoing air compliance issues
- Understand how GHG emissions impact projects and compliance

Speakers: Betsy McLaughlin, Geosyntec; Andrea Seifers, Geosyntec; Ryan Baker, Archaerial

10:30 AM 11:30 AM Hydrogen Primer

Committee: Hydrogen Taskforce Room: W209 B

Description: Learn a basic understanding of hydrogen in the natural gas industry. How is it produced? How is it used? Additional topics of industrial and residential economics, gas quality considerations, and blending considerations will be covered.

Target Audience: All Audiences

Learning Objectives:

- Learn a basic understanding of Hydrogen as a gas product
- Understand production and uses of hydrogen
- Learn the role hydrogen may occupy in the future

Speakers: Brian Peterman; Peyton Ashmore, Burns & McDonald



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October 18, 2021

**10:30 AM 11:30 AM Introduction of Renewable Natural Gas to the Pipeline Grid:
Considerations, Specifications and Verification Programs**

Committee: Integrity Management & Compliance Room: W209 DE

Description: Renewable natural gas (RNG) is increasingly becoming an accepted, new energy product to the natural gas pipeline network. RNG is produced through the cleanup or “conditioning” of biogas from a variety of sources, including landfills, wastewater treatment, live animal manure and/or co-digestion of organics through anaerobic digestion systems. Each source of biogas presents a difference analytical profile, and cleaning of the gas to “pipeline quality” has not been routinized. Therefore, the natural gas industry, end users and the public are ambivalent and confused. There are persistent concerns which are presented to the pipeline grid, the end-user and to human health and the environment. This presentation will cover current considerations for pipeline inclusion, explain the pipeline specification process and discuss the need for standardized RNG gas quality verification programs. This talk is for those who are interested in RNG as a new energy product to the pipeline grid, at the LDC and transmission levels, and for those interested in overall gas quality and the intersection of natural gas quality/RNG quality.

Target Audience: Integrity, Corrosion, General Management, Individuals interested in or looking to add this technology to their operations

Learning Objectives:

- Constituents in raw biogas/RNG
- RNG specifications
- Risk receptors
- RNG to the “pipeline”
- Verification programs

Speakers: Diane Saber, REEthink

10:30 AM 11:30 AM Legal Updates & Workforce Impacts

Committee: Human Resources Room: W209 A

Description: This collaborative session will explore the HR and legal perspectives on changing legal guidelines and their impacts to the workforce. Featuring a seminar with follow-up Q&A, this session will cover the topics of: new EEOC putting employer guidelines on ADA accommodation, recruiting amidst the current attitudes toward natural gas, and more.

Target Audience: Human Resources, Legal, DE&I, Communications, Investor/Stakeholder Relations, Environmental



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October 18, 2021

Learning Objectives:

- Understand challenges and solutions for recruiting new talent amid the current social attitudes surrounding natural gas
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- Understand the workforce implications of introduction of cleaner fuels
- Understand implications of recent EEOC guidelines on ADA accommodation
- Understand implications of recent/upcoming case law precedents regarding COVID vaccination requirements

Speakers: H. Bernard Tisdale III, Attorney at Law, Jackson Lewis

10:30 AM 11:30 AM PHMSA Audit Review / Operator Feedback (Part 2)

Committee: Storage Room: W208

Description: This interactive roundtable will focus on sharing best practices related to Integrity Management programs for Underground Gas Storage. During this session operators will share lessons learned in preparing for and participating in audits. Roundtable partic

Target Audience: Storage Engineers, Integrity Engineers, Storage Operators, Storage Integrity Professionals, Company Operations

Learning Objectives:

- Understanding implications of the Storage Final Rule
- Methods for preparing for an inspection
- Recordkeeping best practices

Speakers: Jason Marshall, Centerpoint

10:30 AM 11:30 AM Temperature Stress Training

Committee: Employee Health & Safety Room: W 205 AB

Description: This instructional seminar and follow-up discussion will cover the “hot” topic of temperature stress: how to mitigate and avoid stress to the body from exposure to extreme temperatures, how it impacts the body, and the associated stresses and considerations that accompany working in extreme temperature conditions. Come away equipped to better prepare yourself and your personnel to avoid and handle temperature stress.

Target Audience: Business development



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October 18, 2021

Learning Objectives:

- Recognize the conditions for temperature stress
- Understand that prevention is key – all temperature stress is preventable
- Understand that temperature stress is not specific to the workplace
- Recognize the dangers of temperature stress and treatments for temperature stress

Speakers: Colby Child, R. Christopher Goodwin & Associates, Inc.

10:30 AM 11:30 AM Winter Storm Uri Market Discussion

Committee: Gas Marketing Room: W206 A

Description: This session will discuss the effects of the stretch of cold weather in the US last February, known as Winter Storm Uri. Topics will include pricing impacts, what costs different utilities were allowed to pass through, and future efforts to combat outages.

Target Audience: Gas Trading and Marketing

Learning Objectives:

- Discuss the winter weather events and their effects on gas pricing
- Learn what costs different companies were able to pass through to customers
- Learn about ways that companies are preparing for future events

Speakers: Sarah Stabley, Duke Energy.

12:30 PM 1:30 PM Associate Annual Meeting

Committee: Associate Room: W208

Description: Annual Meeting of the Associate to update on 2021 Activity

Target Audience: Associate Members

Speakers: Michelle Trapp; Suzanne Ogle



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October 18, 2021

12:30 PM 1:30 PM Dragos Program Spotlight

Committee: IT & Cybersecurity **Room:** W205 AB

Description: This interactive program spotlight featuring Dragos will showcase OT security programs, diving into what different industry companies are doing to stay safe and remain compliant with current and anticipated regulations.

Target Audience: IT/OT, Cybersecurity, Regulatory

Learning Objectives:

- Understand what Dragos has seen companies doing for OT security
- Understand what resources are available for information sharing within the industry
- Understand anticipated regulations and requirements concerning pipelines

Speakers: Mackenzie Morris, Dragos

12:30 PM 1:30 PM Employee Resource Groups – The ‘What’ and ‘Why’

Committee: Inclusion and Diversity **Room:** W205 CD

Description: What are ERGs and why do we have them? How do these effect the business and how do we improve their function? This roundtable discussion will address these topics as our members share their insights and experiences.

Target Audience: Leaders interested in learning how to support their employees from different groups, Leaders wanting to understand the business results of effective ERGs, Individuals who want to understand what resource groups could be available to them

Learning Objectives:

- Learn what ERGs are
- Understand how ERGs benefit employees and organizations
- Identify ERG best practices

Speakers: Kimberly Blasingame, CenterPoint; Pheona Kelly, Dominion; Carlos Ayala, NiSource



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October 18, 2021

12:30 PM 1:30 PM Environmental & Renewables

Committee: Legal & Risk Room: W209 DE

Description: This session will delve into legal and risk perspectives on environmental and renewables. How are industry peers handling these issues, from a Board-of-Directors perspective through companies at large?

Target Audience: All Audiences

Learning Objectives:

- Understand federal-level requirements
- Understand why state-level legislation is filling the policy gap
- Understand potential policy implications resulting from state-level initiatives
- Understand broadly what general trends exist among industry companies to comply with current and anticipated policy

Speakers: Charlene Wright, Wright & Associates PLLC

12:30 PM 1:30 PM **Mega Rule Impacts on Pipeline Integrity Management and Crack Management**

Committee: Integrity Management & Compliance Room: W206 B

Description: New regulations have revealed the need for quality data and accurate analysis techniques to prove the safety and mechanical integrity of pipelines. Industry is responding to the rules in a variety of ways. This session will explore the rules and impacts of MAOP reconfirmation and highlight the latest industry initiatives in pipeline crack management. This roundtable will also offer an opportunity for a Q&A with presenters and other industry professionals to gain insight to their approaches to the new rules.

Target Audience: Pipeline Integrity Engineers Pipeline Operators, Pipeline Integrity Professionals

Learning Objectives:

- Understand the impacts of the Mega Rule and MAOP Reconfirmation
- Learn the latest developments in fracture toughness and crack evaluations

Speakers: Chris Bullock; Tom Bubenik, DNV GL; Brandi Wolf, WSB & Associates;



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October 18, 2021

12:30 PM 1:30 PM Pipeline Abandonment

Committee: Land Room: W209 A

Description: This presentation with follow-up Q&A discussion will discuss pipeline abandonment, both abandonment in place and abandonment & removal. Topics will include:

- Abandonment in place; abandon & remove
- FERC abandonment - What is the responsibility of the co

Target Audience: Land, Legal, Regulatory, Environmental, Operations, Engineering

Learning Objectives:

- Understand the internal and regulatory documentation necessary for pipeline abandonment
- Understand what is and is not acceptable from an environmental perspective: asbestos and other materials, digging restrictions, etc.
- Understand the pipeline company's obligations and liabilities pertaining to pipeline abandonment; understand methods for minimizing liability/relinquishing responsibility of pipe
- Understand the different implications of pipeline abandonment in place versus abandonment and removal

Speakers: Kal Laviolette, Boardwalk Pipeline Partners

12:30 PM 1:30 PM Successful Employee Development Through Remote Learning

Committee: Learning & Development Room: W209 B

Description: The COVID pandemic has changed everything, including the way we learn. Remote learning offers both opportunities and challenges that are not present at in-person courses. This session will discuss lessons learned from virtual training during the pandemic, how to transition in-person material to a virtual environment, and what opportunities await as individual's grow and develop in a remote environment.

Target Audience: Managers hoping to better understand remote learning tools and opportunities, Professionals in learning & development.

Learning Objectives:

- Understand the challenges and opportunities presented by virtual learning.
- Review best practices for conducting a successful virtual learning experience.
- Learn from other's experiences how best to move forward with remote learning applications.

Speakers: Don Wolfe - Mosaic (Moderator); Joyce Gorgan, Mosaic; Jeff Buttrum, CenterPoint; Kyle Jewell CenterPoint;



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October 18, 2021

12:30 PM 1:30 PM What is Data Science?

Committee: Gas Supply Room: W206 A

Description: This session will introduce Data Science as a practice. Topics discussed will include the roles in data science, the data science life cycle, and how to set the foundation for a data science program in your organization.

Target Audience: Gas Forecasting Professionals, Gas Marketing

Learning Objectives:

- Basics of data science, data science life cycle, roles in data science

Speakers: Dr. BJ Stigall, Southern Star

12:30 PM 1:30 PM 5 Solutions to drive Inspector Performance based on Lesson Learned

Committee: Learning Lab Room: W207 AB

Description: This session will include discussions on survey results from last year's survey- providing industry insight. There will also be a discussion of the challenges we are trying to address in the following areas: Safety- hands free allowing all to be safer, as communication methods become more prevalent. Response time- allowing all to be connected from remote locations, leveraging all's increase comfort with virtual meetings. Levering limited technical knowledge- training videos, from the subject matters experts (SME) perspective, providing "tricks of the trade". Inspector time constraints and multiple priorities- allow inspector to enter safely project info in the location of the work. We will discuss access to critical information-ease of access to standards and project information.

Target Audience: Training managers, directors and managers of new Construction and Operations, QA/QC managers, Safety managers

Learning Objectives:

- Understand how the headset and software work.
- Determine how this solution is like other solutions organizations have adopted, understand the many ways this solution can benefit them, and how this solution addresses many practical pressing issues.
- Understand what others in the industry are thinking about remote inspections.

Speakers: Dan Lorenz, Joe Knows; Craig Carte, Joe Knows; James Bailey, Joe Knows



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October 18, 2021

12:30 PM 4:00 PM Electro-Fusion: Challenges & Best Practices

Committee: Spring GasRoom: W210

Description: This session will offer a discussion and open dialogue about all of the procedures of electro- fusion.

Target Audience: Operators

Learning Objectives:

- Prepare pipes and fittings
- Understand electro-fusion unit functions and capabilities
- Understand power requirements and sources
- Differentiate manual and mechanical scrapers
- Learn to troubleshoot

Speakers: Randall Rogers,Kerotest, Craig Johnson, IPEX, INC.

12:30 PM 4:00 PM Hands-On ZEVAC Demonstration: Emissionless Purging of Gas Lines Into and Out of Service

Committee: Learning Lab Room: W207 CD

Description: Come see the new ZEVAC MINI in person, and learn how to eliminate blowdowns by capturing and recycling the natural gas from the line.

Target Audience: Any Natural Gas Individuals who want to support Compliance or ESG initiatives by reducing methane venting

Learning Objectives:

- Correctly Identify the ZEVAC process connections
- Correctly Identify the Drawdown, Discharge, and Air Supply connections on a jobsite
- Correctly Execute the ZEVAC Standard Operating Checklist
- Correctly Describe the process of Vent Gas Recovery, also known as “Cross Compression”

Speakers: Doug Sahm, PE, TPE Midstream



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October 18, 2021

12:30 PM 4:00 PM Horizontal Directional Drilling

Committee: Spring Gas Room: W209 C

Description: Vermeer HDD training options, takeaway, certificate types, success stories and dollar investment will all be reviewed through the following lens. Safety and How-To videos, Instructor Led training (Dealer vs Factory), Simulation, On-the-Job.

Target Audience: All Audiences

Learning Objectives: Learn best practices in HDD

Speakers: Dan Vroom, Vermeer

1:45 PM 2:45 PM Bringing Up the Next Generation of Leaders

Committee: Multi-Generational Leadership Room: W205 AB

Description: As the workforce ages, building up the next generation of leaders is as important as ever. In this workshop, practical tips and best practices will be shared to help managers contribute to their team member's growth and development. Young employees will also benefit as they learn from the successes of others and envision the possibilities their future can hold.

Target Audience: Managers wanting to develop their younger employees into future leaders, Young employees looking to better understand the skills and knowledge required for leadership

Learning Objectives:

- Establish the differences in what leadership means to different generations.
- Consider what young employees want and need as they grow and prepare to become leaders.
- Identify best practices for employee development
- Help bridge the generational divide when it comes to communication style, methods, and expectations

Speakers: Nancy Conder, CenterPoint; Savannah Bush, S&P Global Platts



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October 18, 2021

1:45 PM 2:45 PM Hydrogen and its Effect on Ultrasonic Measurement

Committee: Measurement & Communications Room: W205 CD

Description: The world is racing for cleaner energy solutions. The blending of Hydrogen into Natural Gas pipelines is being proposed by many key players. Hydrogen as a fuel source and the transportation of that fuel source comes with its own unique properties and difficulties. Join this roundtable discussion concerning the strategies and challenges of blending Hydrogen into our Natural Gas stream.

Target Audience: Measurement, Operations, Engineering, Design, Hydrogen, RNG, Marketing, Business Development

Learning Objectives:

- Discuss what differentiates Natural Gas, Biogas, hydrogen
- Properties of Hydrogen as compared to Natural Gas
- Near term distribution model of Hydrogen
- Who/where is going to use the Hydrogen
- Hydrogen's place in the green energy movement

Speakers: Clinton Anderson, SICK inc,

1:45 PM 2:45 PM LNG Market Opportunities:

Committee: LNG Focus & Opps Room: W206 A

Description: Understand import and export market conditions for both US LNG and global conditions. The speakers will also have a supply and demand conditions update for LNG globally.

Target Audience: Members with LNG offerings, ESG Professionals

Learning Objectives:

- Learn about market conditions for LNG
- Understand what developments and use cases can affect the LNG Market
- Learn supply and demand conditions for LNG around the globe

Speakers: James Fowler, ICIS, Paul Newman, Chenier



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October 18, 2021

1:45 PM

2:45 PM

Management of Change Processes

Committee: Pipeline Safety Management Systems **Room:** W206 B

Description: This session will delve into how operators work through management of change. Topics will include: AGA MOC Paper, Guidance on what your MOC program can be, Management of change (technical) versus change

(Management of Change Continued)

Target Audience: PSMS, Safety, Engineering, Construction, Integrity Management, Quality Assurance, Operations, Compliance, Asset Management, Gas Control versus change management (people engagement), Level of management of change – granular to big-picture, Communication of change to stakeholders, Training considerations, Follow-up: how are you tracking and trending your MOC documents, how are you using these insights to improve your program? MOC follow-up methods: check and act, auditing, how are companies ensuring that follow-through occurs?

Learning Objectives:

- Become familiar with multiple and diverse approaches to managing change processes
- Understand the definition of management of change, the origins of the term, and how it relates to SMS
- Become familiar with different strategies and programs gas operators use to manage change processes
- Understand the difference between change management and management of change

Speakers: Mark Hearth, Blacksmith (P-PIC)



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1:45 PM 2:45 PM Odor & Leak Investigation in Challenging Conditions: Major Incident Insights

Committee: Operations, Maintenance, & Emergency Management Room: W209 A

Description: This seminar featuring speakers from NiSource and CenterPoint will take a deep dive into major incidents, discussing insights and lessons learned from each. Topics will include: Lessons learned from major incidents.

Target Audience: Operations, Emergency Management/Response, Field Personnel, Leadership, Codes & Standards, Rates & Regulatory, Compliance, DIMP, Communications

Learning Objectives:

- Understand what new technologies are available for use in odor/leak detection, and what support and training resources are needed to support the use of these technologies
- Understand overall lessons learned from key major incidents
- Understand best practices for odor and leak detection
- Understand future challenges with odor/leak investigation and detection; understand the current challenges operators are asked to address

Speakers: Kevin Hankins, NiSource; Doug Flowers, NiSource; Jim Royal, NiSource; Thomas Bower, CenterPoint

1:45 PM 2:45 PM PHMSA UGS Final Rule Update

Committee: Storage Room: W208

Description: The Storage Final Rule became effective earlier this year. This contained some changes, and some new regulations. Join us as Catherine Washabaugh presents a PHMSA update on the final rule and other topics.

Target Audience: Storage Engineers, Integrity Engineers, Storage Operators, Storage Integrity Professionals, Company Operations

Learning Objectives:

- Understand the PHMSA perspective on the Final Rule
- Implications of the Final Rule
- Learn what common issues are being found during audits
- Become more knowledgeable in preparing for audits

Speakers: Catherine Washabaugh, PHMSA



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October 18, 2021

1:45 PM 2:45 PM Pricing, Political, and Development Changes

Committee: Regulatory & Rates Room: W206 B

Description: This session will cover potential changes in the regulatory and rates pricing environment, increases in rates due to gas bans, environmental concerns, and perspectives on the book lives of new gas assets.

Target Audience: Regulatory and Ratemaking Professionals

Learning Objectives:

- Understand the developments in the natural gas rates environment
- Understand factors that are driving changes in pricing models

Speakers:

1:45 PM 2:45 PM Technology Forum

Committee: New Technology Room: W209 DE

Description: This panel discussion will delve into new technologies in environmental, including: Instrumentation and data collection platforms – aerial robotics, terrestrial robotics, meshed networks, integrated sensors, mobile apps; Software data integration tools, photogrammetry suites, CAD GIS, LOT, digital twins, virtual & augmented intelligence, machine learning, AL labs; Other common applications: oil & gas exploration and field services, HSE, operations related to fugitive emissions and asset management, and M&A evaluations.

Target Audience: All Audiences

Learning Objectives:

- Become familiar with what new technologies are available and/or currently in use in the industry
- Understand change management considerations surrounding the implementation of new technologies: workflow, workforce, training, regulations, stakeholder expectations, etc.
- Become familiar with scenario planning
- Understand the basics around emerging technologies from an accessible perspective

Speakers: Jordan Ponizhaylo, Southern Cross; Scott Kranstuber, Sensit; Gerald Sims, Heath; Wayne Rutledge, Hydromax;



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October 18, 2021

3:00 PM 4:00 PM Codes and Standards: YOU Have a Say in Their Development and Adoption

Committee: Codes and Standards Room: W209 DE

Description: What are the different families of codes? How do they interact with each other? How do they affect day to day operation and business in the industry?

Target Audience: All Audiences

Learning Objectives:

- Understand how codes and standards can affect other areas of the natural gas business
- Learn the basics of codes and how they are used in the industry
- Learn how knowledge of codes can help you in your job

Speakers: Andrea Papageorge, Southern Company

3:00 PM 4:00 PM Educating Customers: Regulatory Awareness and Communication

Committee: Business Development Room: W209 B

Description: Customers have a voice too. This session will discuss opportunities for educating customers on the regulations potential facing them, and educating them on how to talk to policy makers to keep their right to have the opportunity to use the benefits of natural Gas

Target Audience: All Audiences

Learning Objectives:

- Learn regulations affect the customer.
- Learn how to educate customers on the regulations that affect them.

Speakers: Stuart Saulters, APGA



Linking People, Ideas, Information

October 18, 2021

3:00 PM

4:00 PM

Emerging Topics in Operator Qualifications

Committee: Technical Training & Operator Qualification

Room: W206 A

Description: Operator Qualification has been in place for 20 years and continues to evolve. These presentations will cover a variety of updates including the OQIP effort, proposed New York legislation, proposed PHMSA FAQs as well as open discussion about challenges and opportunities that the industry faces regarding Operator Qualification.

Target Audience: Individuals responsible for administering their company's OQ Program, Individuals who manage DOT compliance, Individuals who supervise employees who are subject to the OQ Rule.

Learning Objectives:

- Understand what is happening with OQ at the state-level
- Learn about Industry Operator/Vendor efforts to improve the Integrity of OQ Programs (OQIP)
- Understand PHMSA's likely OQ FAQ changes
- Discuss OQ issues and experiences to share best practices and solutions among operators

Speakers: Todd Cash, ENSTOR; Dennis Kuhn, AStar, Warren Miller, ITS

3:00 PM

4:00 PM

Has the Pandemic Set Female Leadership Back?

Committee: Women & Leadership

Room: W209 A

Description: The COVID pandemic has had significant impacts on women in the workforce. Similarly, the next phase of what "normal" looks like will inevitably reveal further implications. This panel discussion will tackle the challenges ahead that women face as they strive to attain equity and a place at the leadership table in a post-pandemic workplace.

Target Audience: Leaders wanting to understand their employees and the full impacts of the pandemic, Individuals wanting to voice and understand common struggles and barriers to leadership

Learning Objectives:

- Identify how leaders' style(s) of leading in a remote/ hybrid workforce impact varying persons
- Identify the implicit biases women face in a hybrid/remote environment
- Understand unique obstacles presented by the pandemic to women in the workplace
- Identify considerations to be made as we address what the future of work looks like
- Identify what leaders can do to alleviate barriers

Speakers: Ashley Knight, Southern Star; Latonia Vivirette, WSP; Rachel Williams, Tetra Tech; Darin Carroll, DenterPoint; Tracey York, Berry Global

October 18, 2021

3:00 PM

4:00 PM

RNG vs. Hydrogen vs. LNG

Committee: renewable Natural Gas Taskforce **Room:** W206 B

Description: This session will compare and contrast benefits and challenges of these new upcoming fuels. RNG is here and now, hydrogen is in the short future. Hydrogen still faces future challenges. Topics will include cost comparisons, timing, and scale discussions.

Target Audience: All Audiences

Learning Objectives:

- Learn about the differing challenges for 3 emerging fuel options
- Understand the benefits of one fuel compared to the other
- Learn the differences in readiness and availability for the different fuels.

Speakers: John Heer, CenterPoint

3:00 PM

4:00 PM

Underground Hydrogen Storage: What are the challenges?

Committee: Storage **Room:** W208

Description: In response to hydrogen as an emerging fuel, this session will tackle hydrogen storage operations in porous reservoirs and salt caverns. Topics will include storage thermodynamics and gas capacities, material compatibilities, and geologic considerations specific to underground hydrogen storage.

Target Audience: Underground storage operators; Regulators and policy makers; ESG and emerging fuel professionals

Learning Objectives:

- Learn how hydrogen storage is both similar and different to natural gas storage
- Understand the key challenges that should be considered for hydrogen storage
- Become aware of the current state of the art and future research activities for hydrogen storage

Speakers: Sam Voegeli

October 19, 2021

8:00 AM 9:00 AM Control Room Design Roundtable

Committee: Control Room Management Room: W209 B

Description: This interactive roundtable discussion will delve into the ins and outs of control room design. Topics will include: innovative console design; security; new technology in the control room; lighting; air conditioning controls; sound control; utility redundancy; additional facilities – kitchen, restroom, break room, fatigue room; viewing area; regulatory requirements; ingress and egress; evacuation; air quality; and backup control rooms.

Target Audience: Control room personnel, Business development, Marketing, Measurement & Regulation, Pipeline Safety, Regulatory

Learning Objectives:

- Understand key dos and don'ts for control room design
- Understand methods for keeping controllers healthy via control room design – fatigue mitigation, ergonomics, etc.
- Understand methods to minimize distractions within the control room
- Become familiar with the key regulatory requirements and implications that dictate control room design
- Become familiar with audit tools related to security access

Speakers: Steve Whitley, Design Matters

8:00 AM 9:00 AM Economics of RNG, LNG, and Hydrogen

Committee: Commercial, Residential, Industrial Markets Room: W206 B

Description: How will these markets develop? Which markets will find a best use for each new product offering?

Target Audience: All Audiences

Learning Objectives:

- Learn how the Hydrogen, RNG, and LNG markets might evolve and develop
- Learn where these innovative products may fit into your company's offering

Speakers:



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October 19, 2021

8:00 AM

9:00 AM

Metrics and Measurement of Self-Serve Experiences

Committee: Customer Experience **Room:** W205 AB

Description: Discussion on measuring NPS and tying it into operations and financial considerations. How do you demonstrate the value of customer experience to operational value. How should customer experience be communicated and sold at your company?

Target Audience: Marketing and client facing professionals

Learning Objectives:

- Understand the value of NPS and other metrics in operations and finance
- Learn how to communicate the value within your company
- Learn how to sell customer experience as a value of your company

Speakers: Eryc Eyl, Esource

8:00 AM

9:00 AM

New Engineering & Construction Technologies

Committee: Engineering, Design, & Construction **Room:** W206 A

Description: This technology showcase with follow-up roundtable discussion will explore new technologies in engineering, design, and construction and their applications. Discuss with companies that have used each innovation and understand how they can benefit your business.

Target Audience: Engineering, Design, & Construction, Environmental, Operations, Supply Chain

Learning Objectives:

- Become familiar with available technologies for engineering design
- Become familiar with available technologies for general construction and unique construction activities (i.e. pipe removal)
- Become familiar with available technologies for emissions reductions
- Understand various company perspectives on emerging technologies and their incorporation into engineering, design, and construction processes

Speakers: Doug Sahm, TPE Midstream; Dwayne Wankan, Warrior Field Services; Dennis Jarnecke, GTI;



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October 19, 2021

8:00 AM 9:00 AM Open Compression Committee Roundtable Discussion

Committee: Compression Room: W205 CD

Description: Open-ended discussion on ICS topics, compression system topics. Mega-rule discussion for Compression

Target Audience: Operation Technology / Security System Professional

Learning Objectives:

- Share and Network ideas regarding compression systems

Speakers: Tim McSwain, BHE GT&S

8:00 AM 11:30 AM Demonstration of Virtual Reality Usage and Best Practices

Committee: Learning Lab Room: W207 AB

Description: More Than a Game: Virtual Reality in the NGBU at Duke Energy. Lab will demonstrate the use of VR equipment to assist in training personnel in the Natural Gas industry. Labs will be one hour in length and will repeat three times during the time slot.

Target Audience: Natural Gas Managers, Supervisors, and Field Technicians

Learning Objectives:

- Development of Virtual Reality at Duke Energy
- Deployment by the NGBU at Duke Energy and current use.
- Safety and Training Benefits

Speakers: Bryan Johnson, Duke Energy; Kenny Reynolds, Utiligent; Matt Prangley, Duke Energy



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October 19, 2021

8:00 AM 11:30 AM Measurement & Meter Fundamentals

Committee: Spring GasRoom: W209 C

Description: Proper measurement is the “cash register” for all utilities. It’s where the money’s at. Covering everything from the foundation to the roof, this course will start out with the “Basic GasLaws” and then proceed to the common methods of measurement used today – diaphragm meters, rotary meters, turbine meters, and ultrasonic meters. Not only theory, but hands-on activities will provide a thorough understanding of how each meter operates along with sizing and selection of the right meter for the application.

Target Audience: New utility engineers, measurement techs, or anyone new to the gas industry that wants to understand the “tools of the trade” involved with gas measurement.

Learning Objectives:

- Understand the fundamentals of Ultrasonic Meter Measurement
- Review Ultrasonic Meter Designs
- Discuss factors that affect measurement/accuracy Station Design Considerations
- Understand AGA 9 Standards

Speakers: Paul Honchar, Sensus; Kasey Howe, Honeywell, Mark Holland, Bartlett Controls

8:00 AM 11:30 AM Regulator & Relief Selection and Sizing

Committee: Spring GasRoom: W209 DE

Description: This course will focus on Regulator and Relief Selection and Sizing from an Industrial and Commercial perspective. The course will feature regulator and relief design best practices, investigate ways to best optimize regulators and reliefs at stations and meter sets, and provide insight toward the factors that influence regulator and relief selection and sizing.

Target Audience: Any industry personnel associated with the Regulator and Relief selection, sizing, station design, and maintenance. The Class material is designed to address knowledge levels from novice to higher levels of expertise

Learning Objectives:

- Understand regulator and relief selection and sizing.
- Discuss various types of regulators and how they function, station design consideration and
- sizing, relief type and function, sizing, testing, maintenance, and design consideration

Speakers: Mark Holland, Bartlett Controls.



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October 19, 2021

8:00 AM 11:30 AM Tracking & Traceability

Committee: Spring GasRoom: W210

Description: This class will focus on specific GIS data management processes that utilize modern data capture technology to connect the dots. We will review techniques and approaches to train employees in the use of those collection methods (barcodes included), and articulate ways to use the collected information to connect multiple sources to tell the whole story of what goes in the ground. Topics covered include gathering information like Field Inspection, Survey, X-ray, OQ, Materials, Contractor and Engineering utilizing tools available today, along with field workflows and items that arise while trying to ensure data integrity.

Target Audience: Field Operations, Compliance, Engineers, GIS Personnel

Learning Objectives:

- Understand Modern Data Management Strategies for Tracking & Traceability
- Understand Effective Data Capture Practices & Implementation
- Understand how to put the data to use

Speakers: Dave Shipley, AVP; Mike Pordes; Christophe Farnault; Melissa Kelly.

8:00 AM 4:30 PM Gas 201 Distribution System Design for System Expansion and Reinforcement

Committee: Spring GasRoom: W209 F

Description: Gas 201 workshop takes the participant through the system design process and will provide opportunities for hands on application of the concepts being presented. An excellent starting point for the new engineering professional or a refresher for the more seasoned employee. Course content will include system modeling and planning, project design and project execution. (inexperienced attendees should take gas 101 prior to 201).

Target Audience: New engineering professionals and a refresher for more seasoned employees

Learning Objectives:

- Review the system design process
- practice concepts learned through hands on application

Speakers: Allen Hughes, Magnolia River

October 19, 2021

9:15 AM 10:15 AM Courageous Conversations Series – Aspire to Converse

Committee: Inclusion & Diversity Room: W209 A

Description: Conversations require courage and trust as we strive to share with others our thoughts and feelings. Whether requesting a raise or promotion, or discussing more personal or societal topics, knowing how to invite these conversations and how to handle them with trust is key. This roundtable will dive into how to open these conversations and how to maintain trust throughout as we navigate these uncertain situations.

Target Audience: Leaders wanting to better communicate and connect with their teams, Individuals hoping to better express themselves in the workplace, All who are interested in building better conversations filled with trust and understanding.

Learning Objectives:

- Understand why difficult conversations are necessary and how they can help shape stronger teams.
- Learn how to build trust during difficult conversations.

Speakers: Heather Sexton, SWCA; Keisha Ford

9:15 AM 10:15 AM Future of the Workplace Panel-Moderated Roundtable Discussion

Committee: Human Resources Room: W205 CD

Description: This panel-moderated roundtable discussion session will dive into the topic on everyone's mind right now – the future of the workplace. Session topics will include remote work, tax implications, talent retention & attraction, generational impacts, minority group impacts, culture considerations, managing remotely, turnover, personnel expectations, and field work adaptations.

Target Audience: All Audiences

Learning Objectives:

- Understand practices and techniques for effectively managing a remote workforce
- Understand the tax implications and potential solutions for out-of-state remote employees
- Understand the generational impacts of work-from-home, remote work, and hybrid employment models; impacts on knowledge transfer
- Understand effective tactics for recruitment, hiring, and onboarding in a remote environment

Speakers: Donna Gay, ENSTOR; Linda Haft, Magnolia River



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October 19, 2021

9:15 AM 10:15 AM **Hydrogen Market Development Around the World**

Committee: Hydrogen Taskforce **Room:** W206 A

Description: Understand lessons learned from hydrogen projects around the world. The session will cover hydrogen implementations around the world, opportunities for replication, regulatory perspectives, testing and pilot programs in the US, and European initiatives and goals for the use of hydrogen.

Target Audience: All Audiences

Learning Objectives:

- Understand how hydrogen has been used as a fuel around the world
- Learn success stories from hydrogen projects
- Learn about hydrogen pilot programs here in the US

Speakers: ICIS

9:15 AM 10:15 AM **Maximize the Investment in Your Cross Bore Program: a compare and contrast of contrast of program elements**

Committee: Integrity Management & Compliance **Room:** W209 B

Description: This session will take a look at the elements of a cross bore program, including a review of documented best practices and which have the biggest impact on the success of your program. We'll discuss pre and post construction cross bore programs and what contributes to their ability to reduce risk. We'll also evaluate the effectiveness of a prioritization model on legacy cross bore programs and how they affect the cross bore find rate. How does the data collection process contribute to long term risk reduction solutions? Overall, we'll take a realistic view of the elements of a cross bore program and talk about what works and touch on what doesn't. If you have a well running program, a program that could use some help, or if you want to start a program, please join us for a lively discussion.

Target Audience:

Learning Objectives:

Speakers: Mark Congdon, Hydromax



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October 19, 2021

9:15 AM

10:15 AM

New Technology Communication

Committee: New Technology Taskforce

Room: W205 AB

Description: Natural gas finds itself in a defensive position. New technologies are one of the best ways to promote natural gas. In this session, learn from success stories in communication about new technology.

Target Audience: All Audiences

Learning Objectives:

- Understand methods of communication to promote natural gas as innovative
- Learn from success stories speaking this message

Speakers: Bill Cantrell, SGA

9:15 AM

10:15 AM

New Trends: Responsibly Sourced Gas

Committee: Gas Marketing

Room: W206 B

Description: Primer and discussion on Responsibly Sourced Gas featuring discussion on the following questions: What is RSG? How is it affecting gas pricing and demand? is it getting more traction in different parts of the world?

Target Audience: Gas Trading and Marketing

Learning Objectives:

- Learn what Responsibly Sourced Gas is
- Understand how RSG is produced and what makes it different.
- Learn about the impact RSG might have on the gas market

Speakers: Steve Wilson, Project Canary; Andy Weathers, ARM Energy; Rock Graham

9:15 AM

10:15 AM

ESG & Social Justice Roundtable

Committee: Environmental

Room: W207 CD

Description: ESG & Social Justice go hand in hand in helping companies tell their story. During this roundtable session, industry experts will discuss the evolving definitions of ESG & Social Justice, and will explore the direction of federal and state regulatory changes, solidifying CEQs, engaging local communities, and the shifting outward focus required in considering social and environmental makeup in project impacts. This session will conclude with a brief regulatory update including the latest information from the current administration.



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October 19, 2021

(ESG & Social Justice Roundtable– Continued)

- Target Audience: Environmental, Communications, Community Relations, Developers, Leadership, Investor Relations, Outreach
- Learning Objectives:
 - Understand what it all means: what is ESG? What is social justice? And what do they mean for the industry?
 - Understand how information and data are gathered related to ESG and social justice
 - Understand the legal considerations surrounding ESG and social justice
 - Become familiar with the current regulatory landscape around ESG and social justice
 - Understand the shifting mindset and its impacts on project development and routing

Speakers: Jill Cooper, Geosyntec; Lisa Biehl, BHE GT&S; Heidi Wray, Enstor; Todd Cash, Enstor; Seth Ryan, Maser Consulting P.A.

10:30 AM 11:30 AM Effectively Leading Virtual Meetings & Trainings

Committee: Learning & Development Room: W209 B

Description: Virtual meetings and trainings have become a regular part of our new normal. And this will not change going forward. As a result, the need to develop effective and meaningful virtual meeting toolsets is critical to enhance engagement and transcend the natural burnout curve of "too many virtual meetings."

This session will dive into: Best practices for pre-meeting preparation, meeting management, and post-meeting action and coaching on the dynamics of meeting facilitation in a virtual environment as well as technologies, tools, and tips to assist in the development of materials to drive high rates of engagement and productivity.

Target Audience: All Audiences

Learning Objectives:

- Identify best practices and components of effective virtual meetings and trainings.
- Learn to prepare for effective & collaborative virtual meetings.
- Understand common tips for developing materials for virtual meetings and trainings.
- Discover technologies/tools and techniques for increasing participation and interaction.
- Develop the facilitation skills needed to get great results from virtual meetings.

Speakers: Jeff Burtram, CenterPoint Energy; Kyle Jewell, CenterPoint Energy; Pheona Kelly, Dominion Energy



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October 19, 2021

**10:30 AM 11:30 AM Marquette Energy Analytics Research Update - Modeling
Improvements for Enhanced Demand Forecasting**

Committee: Gas Supply **Room:** W206 B

Description: In this talk Dr. Brown will review highlights of modeling techniques and tweaks that have been shown to improve natural gas demand forecasting. This will be a condensed highlights version of Ron's longer "Gas Forecasting 101" talks offered at past SGA events, with updates and recent observations added in.

Target Audience: Gas Forecasting Professionals, Gas Marketing

Learning Objectives:

- A review of basic linear regression techniques
- Use of multiple reference temps to model demand
- The impact of prior day effects
- Different approaches to capturing day of the year effects
- Data reconstruction over curtailments, using the February 2021 cold event as an example

Speakers: Dr. Ronald H. Brown, Chief Science Officer, Marquette Energy Analytics

10:30 AM 11:30 AM Pandemic Lessons - Working in the New Norm

Committee: Employee Health & Safety **Room:** W205 AB

Description: Every Dark Cloud Has a Silver Lining: delving into the positive adaptations and lessons learned from the COVID-19 pandemic. This panel discussion with follow-up Q&A and audience discussion will do a deep dive into the workplace adaptations of the COVID-19.

Target Audience: Measurement & Regulation

Learning Objectives:

- Understand the considerations and impacts of ergonomics and mental health for home-based workers
- Understand how the increased use of technology aids in remote training
- Become familiar with adaptations to field work from the public health crisis: PPE requirements, operational changes, changing interaction with customers, etc.
- Understand the future implications for customer and client interactions
- Become familiar with the ways in which utilities have adapted and need to continue to adapt to the changing landscape

Speakers: Scott Bush, Liberty Utilities; Bryan Ford, Duke Energy; Adrian Barnett, Duke Energy



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October 19, 2021

10:30 AM 11:30 AM Pipes Act

Committee: Measurement & Communications Room: W205 CD

Description: This interactive roundtable will explore the implications of the Pipes Act. Discuss top-of-mind considerations and concerns with peer companies throughout the industry. Topics will include: Potential for adding a second layer of over-pressure protection; Will remote disconnect at the service be considered that second layer or no?; Review the potential recommendation to PHMSA; TVC record-keeping; professional engineers reviewing designs; Common modes of failure for pressure-control devices.

Target Audience: Measurement, Operations, Regulatory, SCADA, Gas Control, Codes & Standards

Learning Objectives:

- Understand an overview of Pipeline Safety Reauthorization including Updated maps; MTRs; Traceability
- Understand impacts to design of new regulator or meter stations-
- Understand impacts to existing regulator or meter stations
- Understand recommendations from peer companies for inside metering

Speakers: Clayton Blackston, Dominion Energy

10:30 AM 11:30 AM Policy: Future Outlook

Committee: LNG Focus & Opps Room: W206 A

Description: Explore future outlooks on LNG Policy in the US and EU. Topics such as legislation, virtual pipelines, and peak operations will be discussed.

Target Audience: Members with LNG offerings, ESG Professionals

Learning Objectives:

- Understand the current state of LNG in the US
- Learn what LNG outlooks may be in the future
- Understand some factors that will influence the future of LNG

Speakers: Thach Nguyen, PHMSA



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October 19, 2021

11:30 AM 12:30 PM Committee Meeting

Committee: Integrity Management & Compliance Room: W205 AB

Description: Integrity Management & Compliance Committee Meeting

Target Audience: Committee Members

Learning Objectives:

- Work on Committee Objectives and Share Best practices

1:00 PM 2:00 PM **Cybersecurity**

Committee: Legal & Risk Room: W206 A

Description: This seminar will explore cybersecurity from a legal & risk management perspective. Topics will include: TSA directives and how companies are going to handle it: legal & risk and operational facets, Risk management, security procedures, What different companies are doing to prepare for attacks like this/impending legislation; Work-from-home opening up networks to additional risk

Target Audience: All Audiences

Learning Objectives:

- Understand legal and risk implications regarding cybersecurity driven by changing work-from-home policies
- Understand the liability of service-providing utilities when that service is interrupted by a cybersecurity incident
- Understand the legal and risk implications of recent TSA directives
- Understand the legal and risk implications of tightening cybersecurity regulations to various business areas

Speakers: Evan Wolff, Crowell & Moring LLP



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October 19, 2021

1:00 PM 2:00 PM DE&I in Employee Leadership & Development Roundtable

Committee: Operations, Maintenance, & Emergency Management Room: W209 B

Description: Natural Gas utilities must remain focused on the commitment to provide a diverse, equitable and inclusive workforce in order to attract and retain talent. By investing in employees, our industry can continue to provide safe, reliable and superior service to customers. This roundtable session is intended to generate dialogue surrounding current best practices and opportunities to expand and promote DE&I within the workplace.

Target Audience: All Audiences

Learning Objectives:

- Share strategies for hiring practices and better understand companies' HR considerations
- Understand the importance of culture and its role in talent attraction and retention
- Discuss best practices around partnering with local technical schools, labs in high schools and internships to build talent pipelines
- Examine skill set specialization v. generalization
- Consider what companies are doing to incorporate Diversity, Equity and Inclusion into the onboarding process for new employees as well as training and development courses for existing employees

Speakers: David Hawkes, Southern Company Gas; Michelle Dietsch, Southern Company Gas

1:00 PM 2:00 PM Generational Differences – Leading a Multi-Generational Workforce

Committee: Multi-Generational Leadership Room: W206 B

Description: Today's workforce is unique, with 5 different generations all part of our workforce. Each generation is unique, with different styles and expectations when it comes to work. In this town hall discussion, panelists from each generation will help guide us through a discussion on generational differences and on how leaders can navigate these differences in their teams.

Target Audience: Leaders hoping to better understand differences between employees of varying generations, Anyone interested in better understanding colleagues from a different generation

Learning Objectives:

- Understand generational differences in how and why individual's work
- Understand different needs and desires for employees of different generations

Speakers: Crystal Campbel, Chesapeake (Faciliator); Jen Kostyniuk, Dominion Energy; Kira Lake, Chesapeake



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October 19, 2021

1:00 PM 2:00 PM Integrity Riders: Lessons Learned

Committee: Regulatory & Rates Room: W209 A

Description: This session will feature a panel of experiences from companies with integrity riders. There will be a focus on lessons learned from utilizing the riders and a special perspective on cybersecurity as a growing concern for this area.

Target Audience: Regulatory and Ratemaking Professionals

Learning Objectives:

- Understand the uses of integrity riders
- Learn from successful experiences in integrating integrity riders into operations
- Understand the value of cybersecurity in this field

Speakers:

1:00 PM 2:00 PM PSMS Stumbling Block Fixes: Program Highlight & Roundtable

Committee: Pipeline Safety Management Systems Room: W205 AB

Description: This session will cover common stumbling blocks in implementing PSMS and address potential fixes. Hear from a company mature in their PSMS implementation to learn best practices, and discuss with industry peers in a follow-up roundtable discussion.

Target Audience: PSMS/SMS, Safety, Compliance, Quality Assurance, Quality Control, Quality Management, Engineering, Construction, Operations

Learning Objectives:

- Understand what common stumbling blocks are experienced in PSMS implementation
- Gain understanding of practices for addressing SMS stumbling blocks from diverse companies throughout the industry
- Understand perspectives from companies at various levels of SMS maturity considering to comply:
- Understand perspectives from different sizes of gas operators

Speakers: Sandra Panos, TECO Energy



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October 19, 2021

1:00 PM 4:30 PM Emergency Response & Incident Investigation

Committee: Spring GasRoom: W210

Description: This session will cover key concepts related to effective response to pipeline emergencies. Topics will include an overview of the Incident Command System, effective scene size-up, and tactical decision making. The session will also include case studies of actual pipeline incidents as well as recommendations for coordination with public sector responders. Effective liaison with public sector responders is a key element of a sound pipeline public awareness program. This session will include recommendations for proactive programs to enhance coordination with those key individuals that will respond in the event of a pipeline emergency. Tips for effectively handling the media at the scene of a pipeline incident will be provided. Included in the program will be an overview of various state initiatives related to enhancing coordination with emergency responders.

Target Audience: Operations Supervisors, Managers and Directors, Safety & Risk Management, Human Resources, Legal Professionals, Engineering Professionals, Communications Professionals

Learning Objectives:

- Understand the fundamentals of the Incident Command System
- Understand how to effectively work with the Public Sector Emergency Responders
- Tips for effectively handling initial interaction with news media

Speakers: Glen Boartwright, York County Natural Gas Authority; Mark Hereth, Blacksmith Group; Bob Wilson, NGA

1:00 PM 4:30 PM Demonstration of Probabilistic Risk Assessment (PRA) Model Results for HVL pipeline based on calculation of risk-importance measures

Committee: Learning Lab Room: W207 AB

Description: Using Probabilistic Risk Assessment (PRA) methodologies, an integrated risk model for a highly volatile liquid (HVL) pipeline is demonstrated based on pipeline integrity conditions and system reliability. This lab will discuss the application of a fully integrated and quantifiable PRA model based to address integrity threats for a transmission pipeline and other assets along the pipeline.

Target Audience: All attendees

Learning Objectives:

- Understand the computational assessment model for probabilistic evaluation of risk

Speakers: Jill Watson, ENERCON



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October 19, 2021

1:00 PM 4:30 PM Hydraulic System Modeling Roundtable

Committee: Spring Gas Room: W209 DE

Description: This roundtable discussion will provide an opportunity to network with peers in the industry on system planning and design philosophies. Participants will be given the opportunity to submit discussion topics in advance and the roundtable will be tailored to the topics with the most interest.

Target Audience: Gas System Planners, Engineers

Learning Objectives:

- Recognize peak hour factor trends
- Discuss model verification methods
- Understand design day philosophies
- Identify infrastructure planning processes
- Practice modeling emergency scenarios

Speakers: Steve Lisk, Duke Energy

1:00 PM 4:30 PM Leak Investigation Seminar

Committee: Spring Gas Room: W209 C

Description: This seminar is all about leaks! Learn about leaks, leak detection equipment, and techniques, tips, and tricks for outdoor and indoor leak investigations. This class is providing training and education but does not constitute certification or qualification.

Target Audience: Entry to mid-level professionals, anyone new to leak detection or wanting to brush up on their skills

Learning Objectives:

- Learn about natural gas leaks
- Learn how to grade leaks and steps to follow when performing a leak investigation
- Learn about leak detection equipment and best practices for performing outdoor and indoor leak investigations

Speakers: Rick Hale, Dominion Energy- North Carolina; Derrick Proctor, Dominion Energy-North Carolina



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October 19, 2021

1:00 PM 4:30 PM Modernizing Mobile Data Collection Demonstration - Testing applications that improve efficiency

Committee: Learning Lab Room: W207 CD

Description: In this learning lab from Insignia Environmental, participants will be introduced to how they can improve efficiency and save costs by transitioning to mobile data collection. The lab will provide an overview of the available tools, discuss use cases for implementation of each of the tools, and allow participants an opportunity to test some of the applications in real time.

Target Audience: Operations and maintenance staff, Compliance management staff, Environmental resource staff, Construction management staff, Vegetation management staff, Safety Inspectors, Geographic Information System Specialist, Project Managers, Biologists/Botanists, W

Learning Objectives:

- Streamline field-based data collection to ensure safer, high-quality, and compliant outcomes
- Replace paper, spreadsheets, and cumbersome GIS-based tools with iOS and Android apps that collect rich, location-based data
- Deploy updated inspection processes and workflows quickly to adapt to changing standards and best practices
- Automatically format your data into customized reports for distribution with internal and external stakeholders
- Share your data with other business platforms for consumption and analysis

Speakers: Robert Curley, Insignia Environmental

2:15 PM 3:15 PM ESG Communications: Getting it Started and Keeping it Going

Committee: Stakeholder Communications Room: W205 AB

Description: This introductory, how-to session will dive into the ins & outs of ESG Communications. Hear from panelists representing different business areas as companies share their best practices.

Target Audience: All Audiences

Learning Objectives:

- Understand what different companies are currently doing and plan to do in the future in terms of ESG reporting
- Understand the different phases of ESG maturity
- Understand the impacts and benefits of ESG on different business areas
- Understand the holistic nature of communicating ESG processes and successes
- Understand who the key stakeholders are across environmental, social, and governance

Speakers: Scott Stieber, Artera; John Smith, Hydromax

October 19, 2021

2:15 PM 3:15 PM Innovation Workshop part 1

Committee: Women & Leadership Room: W205 CD

Description: This 2 part workshop will help break down common barrier to innovation and build the ritual, habits and culture that will allow innovation to flourish. Part 1 is an overview of behaviors that foster innovation.

Target Audience: Aspiring leaders looking to grow their Financial Acumen, New leaders wanting to better grasp their company's financial goals & reports,

Learning Objectives:

- Define behaviors that enable innovation
- Understand the shadow strategy that institutionalizes inertia
- Create new habits that stick and scale

Speakers:

2:15 PM 3:15 PM **Natural Gas Champions**

Committee: Room: W206 A

Description: Learn about the Natural Gas Champions Program and How You and Your Team Can Get a Natural Gas Champion Credential

Target Audience: All Audiences

Learning Objectives:

- Learn about the Natural Gas Champions program and credential

Speaker: Bill Cantrell, SGA



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October 19, 2021

2:15 PM

3:15 PM

Peripheral Benefits of New RNG Projects

Committee: Renewable Natural Gas Taskforce Room: W206 B

Description: Renewable natural gas (RNG) is increasingly becoming an accepted, new energy product to the natural gas pipeline network. RNG is produced through the cleanup or “conditioning” of biogas from a variety of sources, including landfills, wastewater treatment, live animal manure and/or co-digestion of organics through anaerobic digestion systems. Each source of biogas presents a difference analytical profile, and cleaning of the gas to “pipeline quality” has not been routinized. Therefore, the natural gas industry, end users and the public are ambivalent and confused. There are persistent concerns which are presented to the pipeline grid, the end-user and to human health and the environment. This presentation will cover current considerations for pipeline inclusion, explain the pipeline specification process and discuss the need for standardized RNG gas quality verification programs. This talk is for

Peripheral Benefits of New RNG Projects Continued

those who are interested in RNG as a new energy product to the pipeline grid, at the LDC and transmission levels, and for those interested in overall gas quality and the intersection of natural gas quality/RNG quality.

Target Audience: All Audiences interested in RNG

Learning Objectives:

- Understand the peripheral benefits of RNG facilities
- Learn how RNG facilities are helping to reduce waste and create clean fuel

Speakers:



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October 19, 2021

2:15 PM 3:15 PM Training Opportunities with Virtual & Augmented Reality

Committee: Technical Training & Operator Qualification Room: W209 A

Description: How can technology assist in the endeavor? Can it help people to understand safety sensitive tasks? Can technology facilitate the learning process? Is there a solution to address all the different ways that people learn? The more we sustain the confidence of employees in the tasks they perform, the more competent that employee will be - and a competent employee is a safe and productive one. This conference session will discuss the technological options available, including a demonstration of VR's application in Operator Qualifications. A process for determining when to utilize one training technology over another will also be discussed.

Target Audience: Forward-thinking leaders that are focused on employee development, Individuals who serve in a training-related capacity

Learning Objectives:

- Identify examples where modern technology can enhance employee training
- Understand the opportunities & hurdles these technologies face
- Develop a framework for identifying best technology options for a given training situation

Speakers: Jennifer Lane, Mosaic (Facilitator)

2:15 PM 3:15 PM Trends in Customer Finance

Committee: Accounting & Finance Room: W209 B

Description: This session will explore the impact on finance from changes and trends in customer activity such as billing, payment, credit & financing, accessing information, etc. Insights will incorporate data points and trends from a changing customer market, tackle challenges posed from external market stressors and regulatory changes, and practices from different companies across the natural gas industry.

Target Audience: Accounting & Finance, Measurement, Customer Services, Treasury

Learning Objectives:

- Understand the impact of various regulatory orders on customer payment trends and utilities' ability to make timely and efficient customer transactions
- Discuss trends in transitioning from manual to electronic processes – paperless invoicing, electronic payments, etc.
- Understand real-time industry trends in relation to customer finance, shared from SGA survey data conducted in 2021
- Become familiar with emerging payment methods – Apply pay, cryptocurrencies, etc.

Speakers: Russell Wright, CenterPoint Energy

October 19, 2021

3:30 PM **4:30 PM** **Effects of Gas Bans on the Customer**

Committee: Business Development **Room:** W206 B

Description: Explore a hypothetical situation where natural gas is banned.

Target Audience: Business Development Professionals, Marketing Professionals

Learning Objectives:

- Explore situations where natural gas would not be available for the customer
- Understand how gas bans would affect different kinds of customers

Speakers:

3:30 PM **4:30 PM** **Electrification Developments**

Committee: Commercial, Residential, Industrial Markets **Room:** W206 A

Description: Review and understand electrification developments, with a key focus on residential and small commercial markets.

Target Audience: All Audiences

Learning Objectives:

- Learn how electrification may affect small commercial markets
- Understand electrification development in small markets

Speakers: Dan Lapato, AGA



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October 19, 2021

3:30 PM 4:30 PM End Use Codes and Standards: Why You Can't Stand By In Their Development and Adoption

Committee: Codes and Standards **Room:** W205 AB

Description: Codes and Standards may not seem important in the marketplace, but they are one of the driving factors behind the natural gas market. In this session, learn about how codes and standards set requirements that have effects on the industry, from infrastructure to the consumer.

Target Audience: End Use Codes professionals

Learning Objectives:

- Understand how codes can affect the natural gas market
- Learn how codes can drive developments and agendas in the electrification and natural gas markets
- Understand how codes can be used to shape narratives in the industry

Speakers: Jim Ranfone, AGA

3:30 PM 4:30 PM Hydrogen in Control Room Management

Committee: Control Room Management **Room:** W209 B

Description: In this session, operators will have their hydrogen questions answered: What is unique about hydrogen? How does it behave? What are some of the problems with transporting hydrogen? What regulations govern the transportation of hydrogen in a pipeline? A roundtable discussion will conclude the presentation, taking a deep dive to discuss insights from a hydrogen consumer/producer and how they can be applied at various companies. Topics will include: transmission & distribution, compliance, hydrogen blending, and more.

Target Audience: Control room personnel, Business development, Marketing, Measurement & Regulation, Pipeline Safety, Regulatory

Learning Objectives:

- Understand key regulatory requirements and challenges regarding hydrogen in control room management
- Understand the key physical challenges in incorporating hydrogen
- Understand safety controls needed for the incorporation of hydrogen; understand how current safety controls may or may not be adequate
- Understand new documentation needs and requirements around hydrogen incorporation

Speakers: FutureGrid



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October 19, 2021

3:30 PM 4:30 PM Innovation Workshop part 2

Committee: Women & Leadership Room: W205 CD

Description: This workshop will help break down common barrier to innovation and build the ritual, habits and culture that will allow innovation to flourish. Part 2 practical techniques to enable innovation on a day-to-day basis and drive lasting change.

Target Audience: Anyone interested in innovating

Learning Objectives:

- Define behaviors that enable innovation
- Understand the shadow strategy that institutionalizes inertia
- Create new habits that stick and scale

Speakers: Cindy Mitchell, Southern Gas Association; Suzanne Ogle, Southern Gas Association

3:30 PM 4:30 PM Use Cases for AR in Natural Gas Operations

Committee: Compression Room: W209 A

Description: High level overview on tools that allow remote collaboration. In this session the speaker will review multiple use cases for Augmented Reality In Natural Gas Operations. the speaker will provide a Live Demonstration of Augmented Reality as a remote collaboration tool and show demonstrations of how AR can be utilized In Training and Operation/Maintenance Support.

Target Audience: Operation Technology / Security System Professional

Learning Objectives:

- Understanding a high level overview on tools that allow remote collaboration

Speakers: Douglas Forbes, Rockwell

October 20, 2021

8:00 AM **9:00 AM** **Contact Center Retention**

Committee: Customer Experience **Room:** W205 AB

Description: Share results from the committee's contact center questionnaire. Learn and understand why contact centers are experiencing struggles in retention. Identify and learn about success stories and strategic plans that have been implemented and have shown success in retaining contact center employees.

Target Audience: Contact Center Managers, Managers with hiring challenges

Learning Objectives:

- Understand the challenges facing contact and customer service centers
- Review potential solutions to address these issues
- Discuss methods for improving retention and training

Speakers: Teri Morse, Alorica

8:00 AM **9:00 AM** **Environmental Justice & Its Impacts on Construction**

Committee: Engineering, Design, & Construction **Room:** W206 B

Description: This panel discussion will delve into the hot topic of environmental justice and the impacts it can have on construction projects. Topics will include: • Education on project risks • Railroad crossings • Environmental Permitting – challenges arising from the new administration • Easement acquisitions – ability to acquire rights/property ownership • Pipeline routing – challenges; alternate routes due to environmental and landowner considerations; the impact of changing routes during a project • Tribal Consultation during construction • Challenges related to siting facilities • PR strategies different companies are employing to address environmental justice concerns.

Target Audience: Regulatory

Learning Objectives:

- Understand what environmental justice is
- Understand project development strategies with consideration to environmental justice
- Understand challenges and strategies to adapt to current climate
- Understand PR strategies different companies are employing to address environmental justice concerns
- Understand engagement and outreach approaches to cultural or tribal groups

Speakers: Diane Reilly, TRC; Kelly Adams, Williams



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October 20, 2021

8:00 AM 9:00 AM Gas Market Update

Committee: Gas Marketing Room: W210

Description: Supply and Demand discussion around where the market is short term and long term. Potential effect of renewables on gas demand and the market.

Target Audience: Gas Trading and Marketing

Learning Objectives:

- Learn updates on the gas market
- Understand supply and demand updates on the market in the short and long term

Speakers: Kenny Yeung, Black and Veatch

8:00 AM 9:00 AM New Technology

Committee: Environmental Room: W206 A

Description: This panel discussion will delve into new technologies in environmental, including: Instrumentation and data collection platforms – aerial robotics, terrestrial robotics, meshed networks, integrated sensors, mobile apps; Software data integration tools, photogrammetry suites, CAD GIS, LOT, digital twins, virtual & augmented intelligence, machine learning, AI labs; Other common applications: oil & gas exploration and field services, HSSE, operations related to fugitive emissions and asset management, and M&A evaluations.

Target Audience: All Audiences

Learning Objectives:

- Become familiar with what new technologies are available and/or currently in use in the industry
- Understand change management considerations surrounding the implementation of new technologies: workflow, workforce, training, regulations, stakeholder expectations, etc.
- Become familiar with scenario planning
- Understand the basics around emerging technologies from an accessible perspective

Speakers: Alex Nikulin, ALETAIR; Dennis O'Leary, DarkPulse; Ben Burke, Transitional Energy; Hanno Blankenstein, UNLEASH Live



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October 20, 2021

8:00 AM 9:00 AM Safety Culture Panel

Committee: Employee Health & Safety Room: W205 CD

Description: This panel discussion with follow-up Q&A discussion will delve into the ins and outs of safety culture. Incorporating multi-generational perspectives, the session will cover the COVID 19 pandemic, lone worker safety, assumed workforce knowledge, personnel feedback, and the use of technology for culture building.

Target Audience: Marketing

Learning Objectives:

- Understand the necessity of infusing safety culture with your corporate culture, and effective methods to do so
- Understand methods to form and adapt safety culture to connect with a multi-generational workforce; understand methods to use technology to connect with younger employees
- Understand actionable timelines for developing strong safety culture
- Understand methods for avoiding mixed messaging and ensuring consistency of safety communications, training, and implementation
- Understand methods for maintaining strong safety culture for remote or home-based employees; understand legal implications of safety policy for remote employees

Speakers: Mike Donahue, Dominion Energy; Bryan Ford, Duke Energy; Jon Nixon, CenterPoint Energy; Colby Child, R. Christopher Goodwin & Associates, Inc.

8:00 AM 11:30 AM Beginner Cathodic Protection (CP) / Corrosion

Committee: Spring Gas Room: W209 F

Description: This entry-level class explore a review of basic corrosion used in the industry and dive deeper into cathodic protection. Learn about corrosion basics, cathodic protection principles, and how to take accurate CP reads safely. Understand code requirements for CP systems and other general practices associated with taking CP reads. This class is providing training and education but does not constitute certification or qualification.

Target Audience: Entry level, anyone who take CP readings on pipelines or wants to learn about the process

Learning Objectives:

- Learn what corrosion is, how it occurs, and impacts to the industry
- Understand cathodic protection principles, when and how to take accurate CP reads safely
- Understand when CP readings may be influenced.

Speakers: Tony Horton, Dominion Energy



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October 20, 2021

8:00 AM 11:30 AM Gas 201

Committee: Spring GasRoom: W209 A

Description: For more inexperienced attendees, please consider taking Gas 101 as a prerequisite. This 1.5 day Gas 201 workshop takes the participant through the system design process and will provide opportunities for hands on application of the concepts being presented. An excellent starting point for the new engineering professional or a refresher for the more seasoned employee. Course content will include: System Modeling + Planning, Project Design, Project Execution.

Target Audience:

Learning Objectives:

- Review the system design process
- Practice concepts learned through hands on application

Speakers: Various

8:00 AM 11:30 AM Natural Disaster. Are You Prepared?

Committee: Spring GasRoom: W209 C

Description: Does your company have a contingency plan in place? If so, how prepared are you to initiate and follow the plan? In this session we will review multiple emergencies including a tornado response, flooding that required the relocation of a gas utility's operation, and a totally unexpected Christmas Day bombing in a major city. The presenters will talk about how their company plans for these events, the particulars of these specific events, how they utilized their emergency planning during and what changes they may have initiated afterwards.

Target Audience: All Audiences

Learning Objectives:

- Determine best practices for natural disasters

Speakers: Benjamin Davis, Duke-Energy; Dillon Wade, Greenville Utilities Commission



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October 20, 2021

9:15 AM 10:15 AM **Future Challenges of Hydrogen**

Committee: Hydrogen Taskforce **Room:** W206 B

Description: Explore the future regulatory and subsidies environment for hydrogen offerings. Other challenges surrounding infrastructure capacity, blending percentage questions, and siting concerns will be discussed as well.

Target Audience: All Audiences

Learning Objectives:

- Understand the future challenges facing Hydrogen offerings
- Learn what innovations or technology still needs to be developed for Hydrogen

Speakers:

9:15 AM 10:15 AM **Leading Inclusively in an Ever-Changing Workplace**

Committee: Inclusion and Diversity **Room:** W205 AB

Description: The global pandemic has changed the workplace as we know it. Leaders continue to adapt as in-person, virtual, and hybrid work forces all become the norm. Leaders must learn to lead inclusively with employees having vastly different work experiences. This panel discussion aims to explore different workplace configurations throughout the industry and how inclusive leadership plays a key role in successfully navigating the future.

Target Audience: Leaders in charge of teams with varying circumstances and backgrounds, Managers of virtual or hybrid teams.

Learning Objectives:

- Identify unique work challenges caused by the pandemic.
- Understand the importance of adapting to different employee n
- Understand what it means to lead inclusively and how best to do so.

Speakers: DeShaundra Jones, Washington Gas; Anthony Wise, Dominion Energy; Erin MaGee; Ashley Knight, Southern Star



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October 20, 2021

9:15 AM 10:15 AM PHMSA Pilot Inspections & Hot topics

Committee: Integrity Management & Compliance Room: W209 B

Description: With the new regulations that have transpired from the MEGA Rule, we will look at lessons learned from both PHMSA and Operators. The first session will involve PHMSA take on what issues and concerns that have been discovered during the recent “mock inspections” held earlier this year. The second session will involve Operators take on what issues and concerns that were encountered.

Target Audience: Operations, Regulatory & Compliance

Learning Objectives:

- Understanding PHMSA’s view and approach
- Understanding the Operators issues

Speakers: Chris Hoidal, PHMSA; Steve Nanney, PHMSA; Darral Ward, Boardwalk; Jared Stradley, Dominion Energy Questar Pipeline Services, Inc

9:15 AM 10:15 AM Raising the Next Generation: A Panel on Mentorship Programs

Committee: Learning & Development Room: W209 DE

Description: Young employees want to grow and develop quickly in their careers, and many organizations have built mentoring programs to help them do so. This panel discussion aims to identify best practices, explore different approaches for program setup, and share w

Target Audience: Individuals interested in mentoring and how it could benefit their careers or that of their colleagues, Managers looking to develop younger employees, Leaders wanting to identify and retain future leaders, Leaders who want to set up a mentorship program

Learning Objectives:

- Discuss what mentoring is and why it is important
- Identify best practices in mentoring
- Discuss the benefits of each panelist’s mentorship program
- Discuss how each panelist’s company implements and improves their program

Speakers: Matt Joiner, EWN; Patti Jenkins, Southern Star; Michelle Huey-Avery, Talent Development Consultant, Southern Company Gas



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October 20, 2021

9:15 AM 10:15 AM Right-of-Way Restoration Best Practices

Committee: Land **Room:** W205 CD

Description: This session will incorporate different perspectives within the industry to tackle the topic of right-of-way restoration. Learn best practices for restoration and erosion control, with session topics including: Accounting considerations; Issues with ROW not being restored properly and resulting landowner concerns; Construction contractor bids; Erosion control measures; Providing needed information to contractors, but not seeing ROW restored properly by contractors – how to better set ourselves up for success; Division of who is meant to restore the ROW and who is meant to pay the landowner; Examples of well-restored ROWs vs. poorly restored roads.

Target Audience: Land, Operations, Legal, Engineering, Construction, Environmental, Contracts

Learning Objectives:

- Understand the importance of proper restoration
- Understand the current process for restoration
- Understand the challenges and issues with the current process
- Become familiar with techniques and ideas to improve the current restoration process

Speakers: Ronny Howell, Duke Energy

9:15 AM 10:15 AM Well-Being Roundtable

Committee: Human Resources **Room:** W210

Description: This roundtable discussion will explore employee wellness beyond the usual health & safety. Topics will include: dynamic needs and innovative solutions, external/in-house wellness programs, incentive programs (gym memberships, etc.), employee wellness challenges, medical plan implications, building mental resiliency, managing stress, mental & emotional well-being, and the mental toll of the COVID-19 pandemic.

Target Audience: Human Resources, Health & Safety, Leadership, DE&I

Learning Objectives:

- Define wellness holistically.
- Understand best practices for company wellness programs and how they have changed post pandemic.

Speakers: Stacie DeHerrera, Work Partners; Jean Faber, Best Care EAP; Joe Cimbak, Sunland Construction; Kristin Rupprecht, Tenaska



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October 20, 2021

9:15 AM

10:15 AM

Winter Weather Outlook Update

Committee: Gas Supply

Room: W206 A

Description: Review lessons learned from last year's winter forecasts and prepare for this winter's forecast cycle. The committee will be bringing in experts and meteorologists that will help to establish assumptions and inputs for this winter's forecast.

Target Audience: Gas Forecasting Professionals, Gas Marketing

Learning Objectives:

- Learn what to consider for this winter's round of forecasting
- Understand factors that could change forecasts for the future

Speakers: Nathan Hamlin, Weatherbanks

10:30 AM

11:30 AM

Benefits of Natural Gas: Educating Customer-Facing Employees to Advocate to Customers & Communities

Committee: Operations, Maintenance, & Emergency Management

Room: W205 CD

Description: Join us for this interactive roundtable discussion to explore the ins & outs of educating customer-facing employees to be champions of the natural gas industry. Topics will include: Highlight ambassador programs; external first responder outreach programs • Tech tip sheets, promoting gas with useable and decipherable information • Regional leadership deficits between different utilities: liaisons well-versed on the benefits of electric, but less so on the benefits of gas – educational programs targeting these groups • More education on effect of legislation banning natural gas and impact to energy industry • Education on renewables

Target Audience: All Audiences

Learning Objectives:

- Understand best practices on existing programs and outreach being performed by different companies
- Become familiar with opportunities to engage new and larger audiences
- Understand different methods to educate personnel on the incorporation of renewables
- Understand current legislative efforts to curb natural gas use
- Become familiar with methods to highlight positive progress and sustainability efforts within the industry

Speakers: Ryan Duggan, Centerpoint



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October 20, 2021

10:30 AM 11:30 AM COVID Management

Committee: Legal & Risk Room: W206 A

Description: This session on COVID Management will cover three major focus areas: legal, people, and operational considerations. Hear from a panel of speakers on different perspectives through the industry on management of the COVID-19 pandemic.

Target Audience: All Audiences

Learning Objectives:

- Understand the pandemic-related requirements and policies and how they were interpreted live from different perspectives
- Understand lessons learned from the pandemic from the perspectives of: legal & risk, operational, regulatory & jurisdictional
- Understand what we've learned from this pandemic that could be applicable to future pandemics/calamities

Speakers: Todd Woletz, TRC Companies; Tory Summey, Parker Poe

10:30 AM 11:30 AM Emerging Technologies: Transition from AMR to AMI; New RTUs

Committee: Measurement & Communications Room: W210

Description: This roundtable discussion session will incorporate different industry perspectives on emerging technologies in gas measurement, from AMR to AMI and new RTUs.

Target Audience: Measurement, Operations, Technology, Technical Training, Billing/Accounting, SCADA, Gas Control

Learning Objectives:

- Understand potential challenges that different companies experience in implementing additional features of AMI such as meter overflow alarms
- Understand super-compressibility equations and their relation to RTUs
- Understand RTU selection criteria used by different companies within the industry
- Understand challenges with exponential data increase with AMI and methods to overcome them, such as increased alarm frequency, communication, and resolution

Speakers: Clinton Anderson, SICK inc,



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October 20, 2021

10:30 AM 11:30 AM Incorporating New Technology

Committee: New Technology Taskforce Room: W209 B

Description: This session will focus on three main areas for understanding the role of new technology in the industry. The topics covered in the session will focus on 1) Meeting regulatory requirements, Meeting ESG goals, and 3) meeting Safety goals.

Target Audience: All Audiences

Learning Objectives:

- Understand how new technologies can help you meet regulatory requirements
- What is no longer acceptable

Speakers: Paul Khuri, Seekops

10:30 AM 11:30 AM Lessons Learned from the Mega Rule GRIT Pilot Inspections

Committee: Integrity Management & Compliance Room: W209 DE

Description: The pilot inspections were designed to be a learning platform for both the PHMSA GRIT Team and the Pipeline Operators. We will share both areas of common ground as well topics that may need resolution through future FAQ's.

Target Audience: Anyone with involvement in implementation of Mega Rule activities, including planning and scoping projects, and data collection of information

Learning Objectives:

- We will share areas of common ground between PHMSA and the Operators as well as questions and possible future issues that were revealed.

Speakers: Jared Stradley; Darral Ward



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October 20, 2021

10:30 AM

11:30 AM

Operations: Marine Fuels, Bunkering, and LNG Opportunity

Committee: LNG Focus & Opps **Room:** W205 AB

Description: Learn about the future opportunities for LNG from an operations perspective. The speakers will explore MythBusters and uncover uses and opportunities for LNG.

Target Audience: Members with LNG offerings, ESG Professionals

Learning Objectives:

- Understand LNG's potential for usage
- Are meter sets applicable?

Speakers: Rev LNG

10:30 AM

11:30 AM

Retaining the Younger Generation

Committee: **Room:** W206 B

Description: How do we attract, empower, and retain the younger generation to in our industry? What are successful organizations doing to bring in and engage the younger audience? Hear, first hand, from the newer members of our industry's workforce on attracted them to their current employers, why they stay, and what they're looking for from their next employer. This panel discussion will highlight success stories as well as challenges our industry faces as we look to the next generation of our workforce.

Target Audience: Leaders wanting to develop & keep their younger employees, Young employees who want to understand what organizations are doing for their development and well-being, Employees in Recruiting or Talent Management fields

Learning Objectives:

- Understand what younger employees are looking for from a career and an employer.
- Identify best practices for retention and engagement of the younger workforce

Speakers: Crystal Campbell, Chesapeake; Savannah Bush

October 20, 2021

11:30 AM 12:30 PM Engaging Contractors in PSMS

Committee: Pipeline Safety Management Systems Room: W209 F

Description: This session will explore all aspects of engaging contractors in your company's PSMS journey. Incorporating both operator and contractor perspectives, join us to explore the topics of:

- Distribution Contractors Association – PSMS template: what it is, how it came about, what went into it, and what is the intent?
- 1173, 1177, AGA 2016 Quality Construction Practices Whitepaper
- Perspective from the Contractor community
- Portability Issue of construction SMS plans: If and when PSMS does become mandatory, and if and when operators start to engage their contractors more and require more – another operator-qualification-like situation would be an issue
- Avoiding the outcome of different OQ programs for different operators
- Articulate the different perspectives that are at work, and efforts being made to achieve resolution
- 1173 Section 8.4 on the use of contractors
- How pipeline safety is impacted by quality management practices
- The safety of a pipeline begins long before it becomes operational

Target Audience: PSMS, Safety, Construction, Integrity Management, Quality Assurance, Operations, Compliance, Asset Management, Gas Control

Learning Objectives:

- Understand why, as an operator, it is important to engage your contractors in your PSMS programs
- Understand what the Distribution Contractors Association Construction SMS program is and why it exists
- Understand how other operators are engaging their contractors in their PSMS program
- Understand what Contractor SMS programs should look like

Speakers: Steve Allen, Energy Worldnet; Ryan Porter, NiSource; Kevin Miller, Miller Pipeline; Mike Castle, Castle Construction



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October 20, 2021

11:30 AM 12:30 PM **Forecasting Survey Results**

Committee: Gas Supply Room: W206 A

Description: Each year, the Gas Supply committee conducts its yearly survey to understand how the industry as a whole is doing on its forecasting efforts. In this session committee champions will be discussing the data, results, and insight from the 2021 survey.

Target Audience: Gas Forecasting Professionals, Gas Marketing

Forecasting Survey Results Continued

Learning Objectives:

- Review results from Gas Supply's yearly forecast review survey
- Learn areas of improvement to make better forecasts for the future.

Speakers: Eric Scott, Centerpoint

11:30 AM 12:30 PM Performance Based Ratemaking

Committee: Regulatory & Rates Room: W209 B

Description: This session will cover incentive structures for quality of service plans, incentive based plans, and gas side incentives.

Target Audience: Regulatory and Ratemaking Professionals

Learning Objectives:

- Understand performance based ratemaking
- Learn about the value of service plans and other incentives

Speakers:



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October 20, 2021

11:30 AM 12:30 PM

Physical Facility Security

Recognize the Threats – How to Train Your Organization to Ensure

Committee: Technical Training & Operator Qualification

Room: W205 CD

Description: In this day and age, security for our pipelines and field sites is an ongoing effort. As potential harm from attacks increases, it is paramount that our organizations understand how to maintain physical security and how to stay vigilant for potential dangers. This presentation will share best practices and recommendations in these efforts.

Target Audience: Individuals who work at physical facilities and control centers; Individuals working in the field; Individuals in charge of security training and assurance

Learning Objectives:

- Identify potential physical threats to your facilities, pipeline right of ways, and regulator stations

Speakers: Al Giordano, G2 Intergrated Solutions

11:30 AM 12:30 PM

RNG Success Stories

Committee: Renewable Natural Gas Taskforce Room: W205 AB

Description: Learn what factors have made RNG projects successful so far. The session will focus on lessons learned and perspectives on what key considerations for the future landscape of RNG may look like.

Target Audience: All Audiences

Learning Objectives:

- Learn about RNG success stories
- Learn what the future landscape of RNG may look like

Speakers: Frank Star, Energy Systems Group; Jonathan Bader, Power Engineers