

The logo features a stylized 'S' composed of overlapping blue and green leaf-like shapes.

SPRING GAS CONFERENCE



Gain access to unparalleled expertise,
collaborative discussions, and
impactful certification programs.

This is how

A photograph of the Charlotte skyline, including the Bank of America Corporate Center, reflected in a body of water with trees in the foreground.

**MAR 3-5
CHARLOTTE, NC**



The Spring Gas conference features sessions, workshops and roundtable sessions led by industry thought leaders with content curated by peers. Topics focus on technical skills and leadership training for natural gas operators.

With best-in-class training, you can create a customized schedule to meet your specific professional needs for you and your team to learn and grow together.

TOPICS

- *Risk Management*
- *Leadership*
- *Field Operations*
- *Construction*
- *Innovation*
- *Engineering*



FEATURES

- » Educational Sessions & Roundtables
- » Keynote Session
- » Exhibit Hall with Hands-On Demos
- » Networking Opportunities with Other Professionals and Industry Experts



REGISTRATION

Pricing

Member	\$875
Non-Member	\$975
Member Day Pass	\$425
Non-Member Day Pass	\$525
Member Certificate Track	\$575
Non-Member Certificate Track	\$675
Group discount (10-19)	15% OFF
Group discount (20+)	20% OFF

Location

Charlotte Convention Center
501 S College St.
Charlotte, NC 28202

Disclaimer: The Certificate Tracks offered at the 2025 Spring Gas Conference are designed for professional development and industry-specific training. **These certificates do not count toward state licensing requirements or Continuing Education Units (CEUs).** Participants will receive a certificate of completion for their chosen track, but it is not accredited for regulatory or licensing purposes.

BREAKDOWN

- » **Full Conference Registration:** Enjoy access to all sessions and networking events throughout the entire conference.
- » **Group Discount:** Bring your team and enjoy the savings! Groups of 10-19 will save 15%. Groups of 20+ will save 20%.
- » **Day Pass:** This pass is perfect if you're short on time. You'll gain full access to all sessions on a single day of your choice, either Tuesday or Wednesday.
- » **Certificate Registration:** Ideal for focused learning, this option allows you to attend 1½ days of specialized training, choosing either Monday/Tuesday or Tuesday/Wednesday. Certificate attendees will have access only to sessions in their selected track plus two elective sessions. Select one of four dedicated tracks:
 - Measurement
 - Field Operations
 - Engineering
 - Field Leadership



KEYNOTE SESSION:

NATURAL GAS ENERGY DURING AN EVOLVING TIME

FEATURING:

JOE HAMPTON

*President, Spire Alabama, Mississippi
and Chair of SGA's Executive Council*

KELLER KISSAM

*President, Dominion Energy,
South Carolina*

JEREMY KOSTER

*VP Gas Planning and Optimization,
Duke Energy*

MEGAN VETULA

*VP Federal Regulatory Affairs,
BHE GT&S*

BRIAN WEISKER

*President Natural Gas,
Duke Energy*

MODERATED BY:

SCOTT FAIRCLOTH

*Customer Field Operations Supervisor,
Piedmont Natural Gas*



*Hear insider perspectives
from top executives on:*

- *Political leadership change*
- *AI and tech advancements*
- *Federal mandate changes*



TECH DEMOS

Company	Time	Room for Demo	Booth
Zevac Methane Mitigation	Monday, 2:30 – 3:30 pm	E219 ABCD	105
ECCO Overpressure Protection	Tuesday, 9:30 – 10:30 am	E219 ABCD	300
Mueller Tapping and Stopping	Wednesday, 9:30 – 10:30 am	E219 ABCD	320

Descriptions:

ZEVAC: During the overview, I will explain our technology and walk through the operation of our equipment, which allows an operator to eliminate the need to vent or flare methane.

ECCO: Overpressure protection in natural gas distribution systems is vital for ensuring safety and operational reliability. Various methods can be employed in working together to mitigate risks associated with excessive pressure. Implementing a combination of these protective measures enhances the resilience and efficiency of gas distribution systems, safeguarding both infrastructure and public safety.

Mueller: Tapping & Stopping with our ShurStop plastic tapping equipment. The session will feature a hands on plastic tapping demonstration.



EXHIBIT HALL

Spring Gas 2025 is poised to be a great event with more than **80 exhibitors**. Face-to-face sales are still the best way to start a conversation, connect, and learn new product knowledge.



VISIT, CONNECT & WIN!

Explore the Exhibit Hall and enter the daily raffles for a chance to win exciting prizes! Simply visit participating exhibitors to enter. Every conversation is an opportunity to connect and win.

BENEFITS TO EXHIBITING

- Gain cost-effective access to customers
- Network and build relationships with decision makers
- Introduce your products and services
- Connect with new prospects and generate leads
- Distinguish your company from the competition

AGENDA

MAR 2

SUNDAY

Exhibitor Move-In

3:00 PM

7:00 PM

Registration & Information Open

3:00 PM

5:00 PM

MAR 3

MONDAY

SESSION

TIME

TRACK

Exhibitor Move-In

8:00 AM

11:00 AM

Registration & Information Desk Open

9:00 AM

5:00 PM

Exhibit Hall Open – Meet the Exhibitors Conference Kick Off

12:00 PM

1:00 PM

General Session

Session 1

1:00 PM

2:30 PM

Installation Practices of Measurement Equipment Roundtable

1:00 PM

2:30 PM

Engineering & Risk Management

An Operators Roundtable – Rin 1 & Rin 2 Impact (TIMP)

1:00 PM

2:30 PM

Engineering & Risk Management

Inside Leak Investigation & Detection

1:00 PM

2:30 PM

Field Ops & Construction

Regulator Relief Selection and Sizing

1:00 PM

2:30 PM

Field Ops & Construction

Tapping & Stopping Mueller – First Course

1:00 PM

2:30 PM

Field Ops & Construction

Cybersecurity & Cloud Based Solutions – What's my risk?

1:00 PM

2:30 PM

Leadership & Innovation

Navigating AI within the Natural Gas Utility – Workshop

1:00 PM

2:30 PM

Leadership & Innovation

Refreshment Break

2:30 PM

2:45 PM

Technology Demos – Zevac Methane Mitigation

2:30 PM

3:30 PM

General Session

Session 2

3:30 PM

5:00 PM

Roundtable – System Planning Solutions for Gas Operators

3:30 PM

5:00 PM

Engineering & Risk Management

Cross Compression to Reduce Our Carbon Footprint

3:30 PM

5:00 PM

Field Ops & Construction

Measurement Meters – Startup and Troubleshooting – Positive Displacement Meters

3:30 PM

5:00 PM

Field Ops & Construction

Outside Leak Investigation & Detection

3:30 PM

5:00 PM

Field Ops & Construction

Transmission System Overview & Operational Aspect of Transmission Pipeline

3:30 PM

5:00 PM

Field Ops & Construction

The Future of the Workplace: Attract, Engage & Retain Talent

3:30 PM

5:00 PM

Leadership & Innovation

Unconscious Bias – Improving Team Dynamics

3:30 PM

5:00 PM

Leadership & Innovation

Exhibit Hall Reception

5:00 PM

6:30 PM

Track A: Engineering & Risk Management

Track B: Field Ops & Construction

Track C: Leadership & Innovation

Food/ Special Event

The agenda is subject to change and updated weekly.

AGENDA

MAR 4

TUESDAY

SESSION	TIME		TRACK
Registration & Information Desk Open	7:00 AM	5:00 PM	
Breakfast in the Exhibit Hall	7:00 AM	8:00 AM	
Session 3	8:00 AM	9:30 AM	
Inspecting Installation of Pipelines During Construction	8:00 AM	9:30 AM	Engineering & Risk Management
NiSource on Building a Measurement-Based Emissions Inventory for Internal ESG Reporting	8:00 AM	9:30 AM	Engineering & Risk Management
Transmission Pipeline Design	8:00 AM	9:30 AM	Engineering & Risk Management
Beyond Meter Set	8:00 AM	9:30 AM	Field Ops & Construction
Gas Chromatography	8:00 AM	9:30 AM	Field Ops & Construction
Valve Maintenance and Troubleshooting	8:00 AM	9:30 AM	Field Ops & Construction
Peer to Leader – Part 1	8:00 AM	9:30 AM	Leadership & Innovation
Refreshment Break	9:30 AM	9:45 AM	
Technology Demos – ECCO Overpressure Protection	9:30 AM	10:30 AM	General Session
Session 4	10:30 AM	12:00 PM	
M3: The Monetization, Measurement and Management of Fugitive Emissions and the Future	10:30 AM	12:00 PM	Engineering & Risk Management
Station Design – Part 1: District Stations	10:30 AM	12:00 PM	Engineering & Risk Management
Tracking & Traceability	10:30 AM	12:00 PM	Engineering & Risk Management
Cross Bore w/ Camera Demo	10:30 AM	12:00 PM	Field Ops & Construction
Gas Quality Measurement	10:30 AM	12:00 PM	Field Ops & Construction
Embracing DE&I While Leading a Multi-Generational Workforce	10:30 AM	12:00 PM	Leadership & Innovation
Peer to Leader – Part 2	10:30 AM	12:00 PM	Leadership & Innovation
Lunch with Exhibitors Sponsored by Mears	12:00 PM	1:00 PM	
Session 5	1:00 PM	2:30 PM	
Horizontal Directional Drilling	1:00 PM	2:30 PM	Engineering & Risk Management
Transmission Line Leakage – Lesson Learned: How to Find Leaks Before They Find You	1:00 PM	2:30 PM	Engineering & Risk Management
Basics of Electronic Measurement	1:00 PM	2:30 PM	Field Ops & Construction
Introduction to the Natural Gas Industry	1:00 PM	2:30 PM	Field Ops & Construction
Storm Response within Gas Utilities	1:00 PM	2:30 PM	Field Ops & Construction
Verification and Calibration	1:00 PM	2:30 PM	Field Ops & Construction
Peer to Leader – Part 3	1:00 PM	2:30 PM	Leadership & Innovation
Refreshment Break	2:30 PM	2:45 PM	
Networking Break	2:45 PM	3:15 PM	
Keynote Session: Natural Gas Energy during an Evolving Time	3:30 PM	5:00 PM	General Session
“Toss & Taps” Reception & Cornhole with Exhibitors	5:00 PM	6:30 PM	

AGENDA

MAR 5

WEDNESDAY

SESSION	TIME		TRACK
Registration & Information Desk Open	7:00 AM	10:30 AM	
Breakfast with Exhibitors	7:00 AM	8:00 AM	
Session 6	8:00 AM	9:30 AM	
Distribution System and Integrity Management Overview	8:00 AM	9:30 AM	Engineering & Risk Management
Measurement Fundamentals Overview	8:00 AM	9:30 AM	Engineering & Risk Management
Overview of Hydrogen and Hydrogen Blending	8:00 AM	9:30 AM	Engineering & Risk Management
Station Design – Part 2: Gate Stations	8:00 AM	9:30 AM	Engineering & Risk Management
Locating 101 – Part 1	8:00 AM	9:30 AM	Field Ops & Construction
Pickling New Pipelines & Odorization	8:00 AM	9:30 AM	Field Ops & Construction
Tapping & Stopping Mueller – Second Course	8:00 AM	9:30 AM	Field Ops & Construction
Refreshment Break	9:30 AM	9:45 AM	
Tech Demos – Mueller Tapping and Stopping	9:30 AM	10:30 AM	General Session
Session 7	10:30 AM	12:00 PM	
Advanced Leak Survey Technology	10:30 AM	12:00 PM	Engineering & Risk Management
Hot Tapping & Line Intervention Fundamentals – How To Choose The Correct Fittings for Your Pipeline	10:30 AM	12:00 PM	Engineering & Risk Management
Residential Smart Metering	10:30 AM	12:00 PM	Engineering & Risk Management
Locating 101 – Part 2	10:30 AM	12:00 PM	Field Ops & Construction
Measurement Meters – Startup and Troubleshooting – Inferential Meters	10:30 AM	12:00 PM	Field Ops & Construction
Emergency Response and Incident Investigation	10:30 AM	12:00 PM	Leadership & Innovation
Gaining Community Support for Natural Gas	10:30 AM	12:00 PM	Leadership & Innovation
Lunch	12:00 PM	1:15 PM	
Exhibitor Move-Out	1:30 PM	7:30 PM	
Session 8	1:15 PM	2:45 PM	
Impacts of the “Trump Effect” on Domestic Gas Industry – Panel Discussion	1:15 PM	2:45 PM	Engineering & Risk Management
Integrating Advanced Mobile Leakage Technology into a Leak Survey Program	1:15 PM	2:45 PM	Engineering & Risk Management
Safety Hot Topics – Panel	1:15 PM	2:45 PM	Engineering & Risk Management
Cathodic Protection – Part 1	1:15 PM	2:45 PM	Field Ops & Construction
Right of Way Operational Maintenance	1:15 PM	2:45 PM	Field Ops & Construction
Direct Use of Natural Gas vs Electrification	1:15 PM	2:45 PM	Leadership & Innovation
4 Proven Steps to Elevate Your Field Operations Performance and Culture	1:15 PM	2:45 PM	Leadership & Innovation
Transition Period	2:45 PM	3:00 PM	
Session 9	3:00 PM	4:30 PM	
Pigging Fundamentals and the Advancement of In-Line Inspection Technology	3:00 PM	4:30 PM	Engineering & Risk Management
Cathodic Protection – Part 2	3:00 PM	4:30 PM	Field Ops & Construction
LNG Peaking Lessons Learned	3:00 PM	4:30 PM	Leadership & Innovation

MONDAY, MAR 3**TRACK A: ENGINEERING & RISK MANAGEMENT****Installation Practices of Measurement Equipment Roundtable***Monday, 1:00pm – 2:30pm*

This interactive session is designed for natural gas professionals looking to enhance their expertise in measurement equipment installation and best practices. Covering key components like meters, regulators, and transmitters, attendees will gain insights on installation techniques, safety protocols, and industry standards. A roundtable discussion format ensures participant-driven content, real-world problem-solving, and shared best practices. Walk away with actionable strategies and a take-home resource guide to apply in your role.

TRACK A: ENGINEERING & RISK MANAGEMENT**An Operators Roundtable – Rin 1 & Rin 2 Impact (TIMP)***Monday, 1:00pm – 2:30pm*

The TIMP session will be a roundtable focusing on the Implementation of the Final Rule: Safety of Gas Transmission Pipelines, specifically RIN 1 and RIN 2 as well as the Rupture Mitigation Rule. A presentation will be provided on Duke's implementation and considerations to initiate discussion on best practices and lessons learned.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Inside Leak Investigation & Detection***Monday, 1:00pm – 2:30pm*

Hands-on and scenario based, *Inside Leak Detection* teaches attendees how to detect, identify, and respond to natural gas leaks detected inside structures. Learn the rules governing natural gas piping, how to use detectors, how to read gas meters during a leak investigation, how to identify suspicious signs of an inside leak, and how to properly take the needed corrective action for safety with any involved.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Regulator Relief Selection and Sizing***Monday, 1:00pm – 2:30pm*

Review of the minimum parameters and considerations need to select the appropriate regulator and over pressure protection device (full relief, monitor, etc.) for natural gas pipeline systems.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Tapping & Stopping Mueller – First Course***Monday, 1:00pm – 2:30pm*

Overview of steel and plastic tapping and stopping equipment as well as Mueller service tee's and linestopper fittings. Simulate tapping and stopping 4" poly pipe with the Mueller Shur Stop NO-BLO polyethylene line stopping system.

TRACK C: LEADERSHIP & INNOVATION**Cybersecurity & Cloud Based Solutions – What's my risk?***Monday, 1:00pm – 2:30pm*

This class equips natural gas professionals with essential knowledge about cybersecurity threats and cloud-based solutions in the energy sector. Participants will explore potential risks, common vulnerabilities, and best practices for protecting critical infrastructure. The session covers key topics such as data protection, threat detection, and response strategies tailored for natural gas operations.

TRACK C: LEADERSHIP & INNOVATION**Navigating AI within the Natural Gas Utility – Workshop***Monday, 1:00pm – 2:30pm*

This interactive workshop introduces natural gas professionals to the fundamentals of AI, with a focus on using ChatGPT effectively in utility operations. Participants will learn the basics of generating prompts, applying best practices for AI interactions, and understanding the potential risks associated with AI tools. The session includes real-world examples and hands-on exercises to help attendees leverage AI to enhance productivity, streamline operations, and support decision-making.

TRACK A: ENGINEERING & RISK MANAGEMENT**Roundtable – System Planning Solutions for Gas Operators***Monday, 3:30pm – 5:00pm*

Join this engaging roundtable discussion designed to explore innovative solutions for system planning challenges. Industry experts and peers will share strategies, experiences, and insights on optimizing system operations, addressing capacity constraints, and planning for future demand. This interactive session encourages collaboration, problem-solving, and knowledge-sharing to help operators make informed decisions that drive efficiency and reliability.

SESSION DESCRIPTIONS

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Cross Compression to Reduce Our Carbon Footprint

Monday, 3:30pm – 5:00pm

Cross compression reduces methane emission traditionally caused by intentional releases, including venting, blowdowns, and purging to the atmosphere during pipeline repairs and installations. Will share real-world experiences of implementing cross compression on 2000+ blowdown events with the more than 30+ different customers served.

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Measurement Meters – Startup and Troubleshooting – Positive Displacement Meters

Monday, 3:30pm – 5:00pm

Proper installation, maintenance and troubleshooting of positive displacement meters lead to better safety, accuracy, and longevity of the measurement equipment. In this session we will discuss the basics of installation, maintenance, and the most common troubleshooting techniques necessary to maintain accuracy regarding diaphragm and rotary meter measurement.

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Outside Leak Investigation & Detection

Monday, 3:30pm – 5:00pm

This hands-on training session teaches attendees various methods of natural gas leak detection, their limitations, and the importance of identifying and avoiding outside natural gas leaks. Important safety precautions to take when working around natural gas lines will be applied. As reinforcement, attendees will apply a series of practical activities covering use of a combustible gas indicator to test for leaks, use of an infrared camera for leak detection, and application of a gas monitor for discovering a natural gas leak.

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Transmission System Overview & Operational Aspect of Transmission Pipeline

Monday, 3:30pm – 5:00pm

This session offers natural gas professionals a comprehensive overview of transmission systems and the critical operational aspects of transmission pipelines. Attendees will gain insights into pipeline infrastructure, system design, and key operational processes, including flow management, pressure control, and safety protocols. The session will also cover industry challenges such as regulatory compliance, maintenance best practices, and pipeline integrity management.

TRACK C: LEADERSHIP & INNOVATION

The Future of the Workplace: Attract, Engage & Retain Talent

Monday, 3:30pm – 5:00pm

Natural Gas utilities must remain focused on the commitment to provide a diverse, equitable and inclusive workforce in order to attract, engage and retain talent. By investing in employees, our industry can continue to provide safe, reliable and superior service to customers. In this session we will be discussing best practices around partnering with local technical schools, labs in high schools and internships to build talent pipelines, utilizing skill assessment to gauge a candidate's mechanical aptitude prior to hire, current hiring and interview practices used to attract top talent and utilizing a mentor or apprentice program to train new field employees with little to no natural gas experience.

TRACK C: LEADERSHIP & INNOVATION

Unconscious Bias – Improving Team Dynamics

Monday, 3:30pm – 5:00pm

In this class we will explore how the unconscious is a powerful mechanism that can dictate behavior and shape interactions. Left unchecked, they can move or act in an unconscious manner. This may cause unintended harm to others. This class will cultivate the skills needed to advance the principles of diversity, equity, and inclusion.

Exhibit Hall Reception

Monday, 5:00pm – 6:30pm

TUESDAY, MAR 4

TRACK A: ENGINEERING & RISK MANAGEMENT

Inspecting Installation of Pipelines During Construction

Tuesday, 8:00am – 9:30am | Room: E212 ABCD

This session covers the aspects of safe and efficient pipeline construction, from planning and surveying to installation and safety of equipment. Content covers code of practice for pipeline design, installation, testing and maintenance and identifies irregularities that could lead to hazardous outcome.

TRACK A: ENGINEERING & RISK MANAGEMENT**NiSource on Building a Measurement-Based Emissions Inventory for Internal ESG Reporting***Tuesday, 8:00am – 9:30am*

This session features NiSource's approach to developing a measurement-based emissions inventory to support internal ESG reporting initiatives. Attendees will learn about methodologies for data collection, emissions quantification, and leveraging technology for accurate reporting. The session will highlight best practices for aligning emissions tracking with ESG goals, ensuring transparency, and meeting regulatory expectations.

TRACK A: ENGINEERING & RISK MANAGEMENT**Transmission Pipeline Design***Tuesday, 8:00am – 9:30am*

This session will focus on the complete life cycle of a transmission pipeline project from an engineering perspective. We will review the different phases of a transmission main project—including routing, survey, design, Rupture Mitigation Valves, land acquisitions, permitting strategies, construction, and project close out..

**TRACK B: FIELD OPERATIONS & CONSTRUCTION****Beyond Meter Set***Tuesday, 8:00am – 9:30am*

This class provides an in-depth exploration of natural gas field operations beyond the meter set, focusing on high-demand customer applications and their impact on the distribution system. Participants will examine the growing trends of customer-owned generators for enhanced reliability and the prevalence of commercial gas-fired cooking equipment, analyzing their combined effect on system demand, pressure management, and overall operational stability.

The course delves into the specific characteristics of commercial cooking equipment, including variations in gas consumption and intermittent usage patterns common in restaurants and food service establishments. We will cover key components, safety protocols, and industry best practices for managing downstream operations while addressing complications introduced by distributed generation and high-demand appliances. Designed for field technicians, operators, and industry professionals, this session enhances understanding of system dynamics, safety measures, and regulatory considerations critical for maintaining a resilient and efficient natural gas distribution network.

Learning Objectives:

- » Identify key components and equipment involved in natural gas operations beyond the meter set.
Explain how increased generator use and high-demand appliances impact system demand, pressure, and reliability.
- » Demonstrate proper safety protocols and procedures for managing increased and intermittent loads from customer owned appliances.
- » Recognize common issues and troubleshoot complications caused by high-demand, intermittent loads typical of distributed generation and commercial kitchens.
- » Apply industry best practices for maintaining system integrity during peak and fluctuating usage from high demand appliances.
- » Discuss regulatory requirements and standards for safe natural gas operations involving both distributed generation and commercial high-demand applications."

SESSION DESCRIPTIONS

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Gas Chromatography

Tuesday, 8:00am – 9:30am

This class provides natural gas field operations and construction professionals with a practical understanding of gas chromatography (GC) and its role in analyzing natural gas composition. Participants will learn how GC technology is used to measure gas quality, detect impurities, and ensure compliance with industry standards. The course covers the principles of gas chromatography, field sampling techniques, and how chromatographic data impacts operations, construction planning, and system performance. The session is designed to enhance participants' technical knowledge and ability to interpret GC results for operational decision-making and quality control.

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Valve Maintenance and Troubleshooting

Tuesday, 8:00am – 9:30am

This comprehensive session will provide an overview of natural gas valve maintenance as it relates to: identifying and selecting the right valve for the job, troubleshooting process and product issues, and prevention of mechanical failure, pumps, bends, weldments, and more.

TRACK C: LEADERSHIP & INNOVATION

Peer to Leader – Part 1

Tuesday, 8:00am – 9:30am

A workshop designed to help individuals transitioning from a peer-level role to a leadership position within the natural gas industry, focusing on developing essential leadership skills like team dynamics, communication strategies, conflict resolution, and performance management, to effectively lead a team and navigate the challenges of a supervisory role.

TRACK A: ENGINEERING & RISK MANAGEMENT

Station Design – Part 1: District Stations

Tuesday, 10:30am – 12:00pm

Review essential station design topics and questions, ensuring an all-encompassing station design approach.

- » Review the latest industry best practices and considerations for laying out the district station with system flexibility and ease of maintenance.
- » Provide attendees with a comprehensive list of industry lesson learned for M&R Stations.

Who should attend:

Entry level Gas Engineering, Design technicians or those looking for a refresher.

TRACK A: ENGINEERING & RISK MANAGEMENT

M3: The Monetization, Measurement and Management of Fugitive Emissions and the Future

Tuesday, 10:30am – 12:00pm

Fugitive emissions monitoring began decades ago for refineries and gas processing plants that had thousands of connectors, valves, pressure relief devices, open-ended lines, and pumps that were possible sources of fugitive emissions. The monitoring was performed using Method 21, a time-consuming and costly process. The oil and gas industry saw a major shift in 2012 with the adoption of NSPS OOOO that brought requirements for reducing VOC emissions to the upstream and midstream segments of oil and gas. Then in 2015, NSPS OOOOa introduced fugitive emissions monitoring (LDAR) to the upstream and midstream segments. In addition to multiple states that have implemented their own version of fugitive emissions monitoring over the past several years, there are the currently proposed NSPS OOOOb, EG OOOOc and Appendix K that will further impact the fugitive emissions monitoring requirements nationwide for new and existing sources. There is further a relationship with the Inflation Reduction Act and Greenhouse Gas reporting that impacts a fugitive emissions strategy and the industries future.

TRACK A: ENGINEERING & RISK MANAGEMENT

Tracking & Traceability

Tuesday, 10:30am – 12:00pm

This session aims to cover the following with peer and professional sharing of best practices and lessons-learned: Gathering and interpreting information related to field inspections, surveys, x-rays, OQ and materials, and insights into the supply chain. Selection and implementation of various tracking systems. Documentation and reporting for data integrity. Best practices for safe and reliable documentation. Monitoring emission, risk, and safety. Sharing of case studies. Review of successful projects. Implementing strategies in different work environments.

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Cross Bore w/ Camera Demo

Tuesday, 10:30am – 12:00pm

This session's content includes instruction on specific functions and operations associated with locating, evaluating, and addressing below-ground issues found with utility crossings, as well as how to ensure the safety of employees and personnel during the process. Demonstrations in this session provide awareness of relevant safety standards, customer service and communication best practices with local utilities, and environmental concerns related to cross bore remediation.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Gas Quality Measurement***Tuesday, 10:30am – 12:00pm*

This class provides natural gas field operations and construction professionals with a comprehensive overview of gas quality measurement and its critical role in safe and efficient operations. Participants will explore key gas quality parameters, measurement technologies, and how gas composition impacts pipeline integrity, equipment performance, and regulatory compliance. The class covers practical techniques for field sampling, interpreting measurement data, and applying results to construction planning and operational decision-making.

TRACK C: LEADERSHIP & INNOVATION**Embracing DE&I While Leading a Multi-Generational Workforce***Tuesday, 10:30am – 12:00pm*

This class equips natural gas professionals with the tools to lead diverse, multi-generational teams effectively while fostering an inclusive culture. Participants will explore how generational differences impact communication, collaboration, and workplace expectations. Through real-world examples and interactive discussions, attendees will gain practical strategies for leveraging diverse perspectives, addressing biases, and building inclusive team dynamics that drive innovation and operational success.

TRACK C: LEADERSHIP & INNOVATION**Peer to Leader – Part 2***Tuesday, 10:30am – 12:00pm*

A workshop designed to help individuals transitioning from a peer-level role to a leadership position within the natural gas industry, focusing on developing essential leadership skills like team dynamics, communication strategies, conflict resolution, and performance management, to effectively lead a team and navigate the challenges of a supervisory role.

Lunch with Exhibitors*Tuesday, 12:00pm – 1:00pm | Sponsored by Mears***TRACK A: ENGINEERING & RISK MANAGEMENT****Horizontal Directional Drilling***Tuesday, 1:00pm – 2:30pm*

This workshop will discuss the trenchless technologies of Horizontal Directional Drilling and Direct Pipe for pipeline installations. It will include discussion of engineering design considerations, routing, hydraulic fracture, equipment and tooling, steering capabilities, fluid management, construction execution and risk mitigation.

TRACK A: ENGINEERING & RISK MANAGEMENT**Transmission Line Leakage – A Lesson Learned on How to Find Leaks Before They Find You***Tuesday, 1:00pm – 2:30pm***TRACK B: FIELD OPERATIONS & CONSTRUCTION****Basics of Electronic Measurement***Tuesday, 1:00pm – 2:30pm*

This course provides an overview of electronics basics and how they are utilized in the installation and operation of electronic flow measurement (EFM) devices.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Introduction to the Natural Gas Industry***Tuesday, 1:00pm – 2:30pm*

An introduction to the natural gas industry covering wellhead to burner tip. Class is designed to increase participants understanding of the entire value chain and how they work together.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Storm Response within Gas Utilities***Tuesday, 1:00pm – 2:30pm*

This session's content includes best practices and lessons learned during storm response with a specific focus on the impact to the Carolinas during Hurricane Helene.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Verification and Calibration***Tuesday, 1:00pm – 2:30pm*

This course covers how and why keeping a flow metering system within specifications requires a program of calibration and verification.

TRACK C: LEADERSHIP & INNOVATION**Peer to Leader – Part 3***Tuesday, 1:00pm – 2:30pm*

A workshop designed to help individuals transitioning from a peer-level role to a leadership position within the natural gas industry, focusing on developing essential leadership skills like team dynamics, communication strategies, conflict resolution, and performance management, to effectively lead a team and navigate the challenges of a supervisory role.

SESSION DESCRIPTIONS

GENERAL SESSION

Keynote Session: Natural Gas Energy During An Evolving Landscape

Tuesday, 3:30pm – 5:00pm

Panelists: Joe Hampton, President Spire Alabama, Mississippi and Chair of SGA's Executive Council
Keller Kissam, President Dominion Energy, SC
Jeremy Koster, VP Gas Planning and Optimization, Duke Energy
Megan Vetula, VP Federal Regulatory Affairs, BHE GT&S
Brian Weisker, President Natural Gas Duke Energy

Moderator: Scott Faircloth, Customer Field Operations Supervisor, Piedmont Natural Gas

This panel of industry executives from Berkshire Hathaway Energy, Dominion, Duke, and Spire will discuss political leadership change, AI and technology advancements, federal mandate changes and what it means for the industry and you.

“Toss & Taps” Reception & Cornhole with Exhibitors

Tuesday, 5:00pm – 6:30pm

WEDNESDAY, MAR 5

TRACK A: ENGINEERING & RISK MANAGEMENT

Distribution System and Integrity Management Overview

Wednesday, 8:00am – 9:30am

This session provides natural gas field professionals with an introduction to distribution system operations and integrity management practices. Participants will learn about key components, maintenance strategies, and regulatory requirements for ensuring system safety and reliability. The class covers best practices for monitoring, assessing, and mitigating risks to maintain the integrity of natural gas distribution networks.



TRACK A: ENGINEERING & RISK MANAGEMENT

Overview of Hydrogen and Hydrogen Blending

Wednesday, 8:00am – 9:30am

This talk will delve into three critical areas:

- » **Hydrogen Basics and General Principles:** Gain a solid understanding of hydrogen's properties and its role in decarbonization.
- » **Hydrogen Blending Demonstration Projects:** Learn how to ideate, develop, and safely execute hydrogen blending projects, including key considerations and best practices.
- » **Translating Demonstration Learnings to System Deployment:** Discover how to effectively apply insights from demonstration projects to broader system deployments, ensuring safety and reliability for utility customers.

Designed for utility professionals, this session aims to advance knowledge and implementation of hydrogen technologies.

TRACK A: ENGINEERING & RISK MANAGEMENT

Station Design – Part 2: Gate Stations

Wednesday, 8:00am – 9:30am

This session will review essential station design topics and questions, ensuring an all-encompassing station design approach. Review the latest industry best practices and considerations for laying out the gate station with system flexibility and ease of maintenance. Session will provide attendees with a comprehensive list of industry lesson learned for M&R Stations. Review several case studies to identify and avoid design pitfalls and optimize your next design.

TRACK A: ENGINEERING & RISK MANAGEMENT

Measurement Fundamentals Overview

Wednesday, 8:00am – 9:30am

This is a comprehensive session providing a basic understanding of natural gas measurement fundamentals and industry standards, for practical instruction to produce a more knowledgeable and proficient measurement staff. Natural gas laws, physical behavior and natural gas chemistry will be covered. Various meter classifications, flow measurement principles and the industry standards governing each meter type. Defining units of measurement, gas volume and energy determination along with providing a brief overview of the importance of proper sampling methods and gas chromatograph fundamentals.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Locating 101 – Part 1***Wednesday, 8:00am – 9:30am*

An in depth look at the theory of electromagnetic locating and developing skill in the use of electromagnetic locating equipment to minimize excavation damages.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Pickling New Pipelines & Odorization***Wednesday, 8:00am – 9:30am*

This session offers natural gas field professionals an introduction to pipeline pickling and odorization processes. Participants will learn about the importance of preparing new pipelines for service, proper odorization techniques, and regulatory requirements. The class covers key procedures, safety considerations, and best practices to ensure pipeline integrity and compliance with industry standards.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Tapping and Stopping Mueller – Second Course***Wednesday, 8:00am – 9:30am*

This session introduces natural gas field professionals to the essential techniques of tapping and stopping for pipeline maintenance and modifications. Participants will learn about equipment, safety protocols, and best practices for performing live pipeline operations. The class highlights key procedures, risk management, and industry standards to ensure safe and efficient operations in the field.

TRACK A: ENGINEERING & RISK MANAGEMENT**Advanced Leak Survey Technology***Wednesday, 10:30am – 12:00pm*

Continued regulatory and external stakeholder pressures are challenging natural gas utilities to implement advanced leak detection programs at scale across their various assets and infrastructure. Duke Energy started their journey in piloting the use of satellites to detect leaks on our local distribution system in 2020. Since then, they have focused on redesigning their operational process and resource plans in preparation of scaling the technology across our 5-state service territory as well as evaluating the system of technologies needed alongside satellite to accurately detect and quantify their scope 1 emissions as they work towards their 2030 goal of net zero methane emissions.

TRACK A: ENGINEERING & RISK MANAGEMENT**Residential Smart Metering***Wednesday, 10:30am – 12:00pm*

This session introduces natural gas field professionals to residential smart metering technologies and their role in modernizing gas distribution systems. Participants will learn about smart meter functionality, data collection, and remote monitoring capabilities. The class covers key benefits, installation practices, and safety considerations, providing insights into how smart metering enhances operational efficiency, customer service, and system management.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Hot Tapping & Line Intervention Fundamentals – How To Choose The Correct Fittings for Your Pipeline***Wednesday, 10:30am – 12:00pm*

This session provides natural gas professionals with practical insights and key takeaways from real-world tapping and stopping operations. Attendees will learn best practices for performing live pipeline modifications, managing safety protocols, and mitigating operational risks. The session will feature case studies and experiences that highlight challenges encountered and solutions implemented during tapping and stopping projects.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Locating 101 – Part 2***Wednesday, 10:30am – 12:00pm*

Classroom and hands on training of applying trouble shooting techniques to help solve challenging locates in real world scenarios. Participants need to bring locating equipment and safety vest.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Measurement Meters – Startup and Troubleshooting – Inferential Meters***Wednesday, 10:30am – 12:00pm*

Discussion of inferential meters used in the natural gas industry including orifice plate, ultrasonic, and Coriolis with a hands on focus of the Ultrasonic meter. Introduced and in wide spread use since the 1990's, modern custody transfer Ultrasonic flow meters have changed all aspects of flow measurement from the wellhead production through transmission pipeline applications and more recently within the Local Distribution Gas Utility market.

SESSION DESCRIPTIONS

TRACK C: LEADERSHIP & INNOVATION

Emergency Response and Incident Investigation

Wednesday, 10:30am – 12:00pm

Working within the utility industry, most of you are already very familiar with emergency response. How to establish a scene, who to contact, reporting metrics, and the associated risks. In today's presentation, we will look at how human behavior impacts emergency response, the effects of trauma, and preparing your workforce to manage stress related event response.

TRACK C: LEADERSHIP & INNOVATION

Gaining Community Support for Natural Gas

Wednesday, 10:30am – 12:00pm

Natural gas faces multiple challenges. The industry needs its employees to become ambassadors to the public. This presentation provides background on the challenges faced and suggests methods of turning good communications into great communications. Up to date with data from current events.

Learning Objectives:

- » Understand why the natural gas industry is facing opposition
- » Review why natural gas is so essential to our nation's energy future
- » Learn why the industry needs a grassroots communications effort
- » Study examples of how communications can go from good to great
- » Learn what to do and what not to do to be successful in your communications

TRACK A: ENGINEERING & RISK MANAGEMENT

Impacts of the "Trump Effect" on Domestic Gas Industry – Panel Discussion

Wednesday, 1:15pm – 2:45pm

Beginning on Election Day and continuing from Inauguration Day to today, the "Trump Effect" has already impacted our nation's politics, the public, and a wide range of energy related industries, such as electric power and the **Domestic Gas Industry**. Although the Trump Effect will certainly continue, the likelihood of specific policies, timelines, and industry impacts is uncertain.

This panel session brings together natural gas and policy professionals to list the known Trump Effects such as Executive Orders, Executive Actions, Policy Statements, and the selected/confirmed executive branch leaders, cover the already seen impacts, and discuss influences which will direct the extent

and timing of future potential impacts. The panel will cover these questions and others during the Q&A.

1. How can natural gas transportation infrastructure development possibly supply the unprecedented projected gas-fired power generation industry growth to support future data center buildout?
2. How much blue hydrogen production growth can be supported by the current natural gas infrastructure and what expansion is possible by when?
3. How will Trump's Executive Order(s) kickstarting and growing LNG exports impact domestic industry?

TRACK A: ENGINEERING & RISK MANAGEMENT

Integrating Advanced Mobile Leakage Technology into a Leak Survey Program

Wednesday, 1:15pm – 2:45pm

This session features NiSource's approach to developing a measurement-based emissions inventory to support internal ESG reporting initiatives. Attendees will learn about methodologies for data collection, emissions quantification, and leveraging technology for accurate reporting. The session will highlight best practices for aligning emissions tracking with ESG goals, ensuring transparency, and meeting regulatory expectations.

TRACK A: ENGINEERING & RISK MANAGEMENT

Safety Hot Topics – Panel

Wednesday, 1:15pm – 2:45pm

This panel discussion brings together industry experts to explore current safety challenges and emerging trends in natural gas operations. Participants will gain valuable insights into topics such as incident prevention, regulatory updates, safety culture enhancement, and new technologies for risk management. Panelists will share real-world experiences and best practices, providing practical takeaways for enhancing safety performance.

TRACK B: FIELD OPERATIONS & CONSTRUCTION

Cathodic Protection – Part 1

Wednesday, 1:15pm – 2:45pm

Join this session to understand the basic principles of pipeline corrosion and cathodic protection and its various applications. Learn the most effective methods for mitigating corrosion attacking the industry's most valuable assets. Understand the regulations that are required of your cathodic protection system, gain a clear understanding of the "electrochemical cell."

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Right of Way Operational Maintenance***Wednesday, 1:15pm – 2:45pm*

Session provides natural gas professionals with a comprehensive understanding of right-of-way (ROW) operational maintenance. Attendees will learn best practices for maintaining ROW integrity, ensuring regulatory compliance, and protecting pipeline assets. The session covers essential topics such as vegetation management, inspection protocols, encroachment prevention, and environmental stewardship. Additionally, participants will explore strategies for collaborating with landowners and managing public safety concerns.

TRACK C: LEADERSHIP & INNOVATION**Direct Use of Natural Gas vs Electrification***Wednesday, 1:15pm – 2:45pm*

The emerging push toward electrification has gained traction in many areas, but is it really a beneficial alternative to the direct use of natural gas? This session reviews the background of electrification and examines the impact it would have on efficiency, carbon emissions, and the cost of energy in the U.S. The participant will learn how to communicate in a positive way about the role of natural gas in the future.

TRACK C: LEADERSHIP & INNOVATION**4 Proven Steps to Elevate Your Field Operations Performance and Culture***Wednesday, 1:15pm – 2:45pm*

This interactive session helps you define your culture, look for areas to improve, and create a roadmap for improving your team's performance and retention. Gain understanding on how your people and culture can lead to enhanced long-term efficiencies and leave with the know-how to create your own practical plan to implement proven strategies within your own organization. Key competencies for this course include, challenges facing market leaders today and, in the future, practical solutions to improve inspector and field operation performance, a discussion on three performance case study's approaches and their results, cultural alignment and enhancement, and high performance — creating a people-first culture. Learning Objectives: Learn how to recognize and assess your organizational culture. Learn to recognize and recruit high-performance field leaders capable of driving your culture, performance, efficiency, and retention of your workforce.

TRACK A: ENGINEERING & RISK MANAGEMENT**Pigging Fundamentals and the Advancement of In-Line Inspection Technology***Wednesday, 3:00pm – 4:00pm*

In this presentation, we'll talk about why keeping pipelines clean before an Inline Inspection (ILI) is so important. We'll go over the different cleaning options TDW offers depending on the pipeline's needs and conditions. You'll learn about progression cleaning – using a series of tools to clean pipelines step by step – and why keeping track of cleaning details is key to making the process as smooth as possible. We'll show how good cleaning not only helps get better inspection results but also boosts efficiency and keeps things running smoothly.

TRACK B: FIELD OPERATIONS & CONSTRUCTION**Cathodic Protection – Part 2***Wednesday, 3:00pm – 4:00pm*

Session highlights how utilities are utilizing GIS to capture data, meet regulatory requirements, analyze and model systems, and conduct daily operations; all with innovation and enhanced efficiency.

This session is ideal for a Level I or II NACE CP Technician or an engineer or manager responsible for integrity management and/or cathodic protection systems.

TRACK C: LEADERSHIP & INNOVATION**LNG Peaking Lessons Learned***Wednesday, 3:00pm – 4:00pm*

This session offers natural gas professionals valuable insights from real-world LNG peaking operations. Attendees will explore lessons learned in areas such as supply planning, peak demand management, operational challenges, and safety best practices. The session will include case studies highlighting successes, obstacles, and solutions encountered during LNG peaking events.

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