



GENERAL SESSIONS

Conference Rooms A-B-C-D / Maximum Capacity: 198

MONDAY, SEPTEMBER 26 | 1:00 p.m. - 6:00 p.m.

Welcome, Introductions, and Opening Remarks

1:00-1:35 p.m. **David Chislea, Michigan Public Service Commission**
Commissioner Rachael Eubanks, Michigan Public Service Commission
Brian Ballinger, Michigan Public Service Commission

Terror Threats to Pipelines

1:35-2:20 p.m. **Troy Lowe, Transportation Security Administration - Office of Intelligence**
Presentation will cover the overall terror threat to Hazardous Liquid and Natural Gas (HLNG) Pipelines and details into some key findings in intelligence reporting on the terror threat to pipelines globally.

2:20-2:35 p.m. Break

American Society of Mechanical Engineers (ASME) B31Q (Pipeline Personnel Qualification) Update - Future Rules - Potential Changes (if final) to Rule for 192.305

2:35-3:05 p.m. **Richard Stump, Midwest Energy Association**
The July 2015 PHMSA NPRM is a likely game changer for the OQ Rule and while the final rule has not yet been issued, the proposed changes will require operators and contractors to significantly re-shape their OQ Programs. The presentation will review these proposed changes and consider the challenges involved with meeting these new requirements. The discussion will also include a review of the ASME B31Q standard and it's potential to serve as a national OQ standard.

New Tools for Distribution Leak Survey

3:05-3:50 p.m. **Chris Vale, Picarro**
Michael Parran, CMS Energy
The presenters will cover the physics of how lasers are used to detect methane, how they are currently being used for leak survey, and will share results from a Consumers Energy pilot conducted in Flint, Lansing, and the suburbs of Detroit.

3:50-4:05 p.m. Break

MPSC 2014-2016 Inspection Findings and Recommendations

4:05-5:00 p.m. **Taylor Becker, Michigan Public Service Commission**
Presentation will contain information of the more significant inspection findings and recommendations from 2014 - 2016 MPSC inspections.

Incident History

5:00-6:00 p.m. **Heather David, Michigan Public Service Commission**
2013-present incidents, including Staff issued non-compliance and recommendations.

6:00 p.m. End of Day One



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TUESDAY, SEPTEMBER 27 | 3:30 p.m. - 5:30 p.m.

Round Table Panel Discussion

3:30-4:30 p.m.

Panelists:

- **David Chislea, Michigan Public Service Commission**
- **John Lueders, DTE Gas Company**
- **Stephen Makowski, SEMCO ENERGY Gas Company**
- **Harold Winnie, DOT/Pipeline and Hazardous Material Safety Administration**

This is an open forum where attendees can hear from experts in their field on different topics of interest submitted to the panelists by attendees.

4:30-4:40 p.m.

Intermission

Round Table Panel Discussion Continued

4:40-5:30 p.m.

5:30 p.m.

End of Day Two

6:00-7:00 p.m.

Networking Session for All Conference Attendees

Location: Hotel Lobby

WEDNESDAY, SEPTEMBER 28 | 7:30 a.m. - 2:30 p.m.

Welcome and Opening Remarks

7:30-7:45 a.m.

David Chislea, Michigan Public Service Commission

PHMSA Update: Recent Changes, Proposed Rules and Safety Management Systems and Submitting Comments in Rulemaking

7:45-9:00 a.m.

Harold Winnie, DOT/Pipeline and Hazardous Material Safety Administration (PHMSA)
John Lueders, DTE Gas Company

-PHMSA update on some of the recent changes to 49 CFR parts 192 and 195, along with the impact of some of the recent proposed rules and the what and why of Pipeline Safety Management Systems.
-Times change. Pipeline regulations change. This presentation will cover the general structure of rulemaking, and give insight into how operators and other interested persons may participate in the Comment Submission process.

9:00-9:15 a.m.

Break

Work Force Issues with Addition of New Codes and Compliance Programs from the Perspective of Three (3) Different Operators

9:15-10:00 a.m.

Julie Hegedus, CMS Energy
Frenae Smith, DTE Energy
Darin Vreugdenhil, Integrys

Hear from three different Operations on how they are adjusting the work force to be able to handle increasing regulatory requirements and pending regulation.



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WEDNESDAY, SEPTEMBER 28 | 7:30 a.m. - 2:30 p.m.

Airborne Leak Detection Technologies

10:00-10:45 a.m.

Mark Handy, LaSen, Inc.

Russell Jennett, LaSen, Inc.

DOT Pipeline leak inspection can be accomplished either by ground or airborne surveys. Airborne technologies provide the quickest method of inspecting your pipelines, with the ability to survey several hundred miles of line per day. LaSen will review several commercially available airborne technologies detailing the pros and cons of each.

10:45-11:05 a.m.

Break

Consumers Energy Damage Prevention and Public Safety Outreach Program

11:05-11:50 a.m.

Dirk Dunham, CMS Energy

Lisa Douglas, CMS Energy

Consumers Energy has created a public safety outreach team focused not only on preventing damages to gas and electric facilities but also on some additional public safety elements. Come and hear about recent damage prevention activities and projects, such as excavator outreach and education. In addition, information will be shared about how this team works with emergency first responders to coordinate activities in response to public safety incidents.

Emergency Response and Incident Command System (ICS)

11:50 a.m.-

Aaron Kantor, CMS Energy

1:00 p.m.

Darryl Williams, TransCanada

Aaron and Darryl will present an overview of their companies Emergency Management Programs and use of ICS. They will also discuss how they measure the effectiveness of their programs.

1:00-1:20 p.m.

Break

Landfill Gas Monitoring in Dry Distribution System

1:20-1:50 p.m.

Frenae Smith, DTE Energy

There is an increased interest in diversifying the natural gas supply with unconventional gases such as biogas and landfill gas. This presentation will discuss the unique challenges to accept these new gas sources and ensure pipeline gas quality with unique monitoring systems.

MPSC Risk Based Inspections & Inner Workings

1:50-2:10 p.m.

Kyle Friske, Michigan Public Service Commission

Brian Gauthier, Michigan Public Service Commission

The risk based inspection / inner workings presentation will be a status update on the MPSC's focus on developing an inspection schedule based on risk.

Closing Remarks and Conference Wrap Up

2:10-2:30 p.m.

David Chislea, Michigan Public Service Commission

Submit Online Evaluations and CEU Certifications.

2:30 p.m.

Conference Adjourned



DAMAGE PREVENTION TRACK - BREAKOUT SESSIONS
Conference Rooms B-C / Maximum Capacity: 49

Breakout session seating is filled on a first-serve basis. Please select an alternate session in each time slot in the event that your first choice session is full. For the safety of all attendees, we must observe maximum capacity regulations.

TUESDAY, SEPTEMBER 27 | 7:30 a.m. - 3:30 p.m.

MISS DIG System 811

7:30-9:25 a.m.

Bruce Campbell, MISS DIG System, Inc.

Damage Prevention: • Mapping, Managing MISS DIG Accounts • MISS DIG Certification • Positive Response Reports (established by 2015 SDP grant • Positive Response • Facility owner must be on-site? • Web ticket entry • Web TMS (established by 2015 SDP Grant) • Misuse of ticket priority codes, and more.

9:25-9:45 a.m.

Break

MISS DIG System 811

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11:15 a.m.-12:15 p.m.

Lunch Buffet

Legacy Cross Bore Investigations

12:15-12:45 p.m.

Jerome Kotecki, Consumers Energy

The purpose of the Legacy Cross Bore Investigation Program is to search for installation conflicts between Sewer Lines and Gas Lines. The presentation will include the steps taken to develop a program including office investigation, field investigation, prevention, and found cross bore resolution.

Project Staking; An Operators' Perspective and Successes Achieved

12:45-1:15 p.m.

Dirk Dunham, Consumers Energy

Consumers Energy implemented the use of Project Stakers during the 2014 and 2015 construction seasons. These project stakers are tasked with providing enhanced staking services and monitoring excavation contractors' safe digging practices near our gas facilities. Damage statistics have been collected on projects where project stakers have been assigned. The project data has been compared with data from projects without project staking. This presentation will summarize our experience with project staking and the results of the data comparisons.

1:15-1:35 p.m.

Break

MPSC Damage Prevention Statistics and Enforcement

1:35-3:10 p.m.

Cindy Creisher, Michigan Public Service Commission
Jeff Quirante, Michigan Public Service Commission

This presentation will discuss the Commission's damage prevention program under Public Act 174 of 2013.

3:10-3:30 p.m.

Break



DISTRIBUTION TRACK - BREAKOUT SESSIONS
Conference Room D / Maximum Capacity: 56

Breakout session seating is filled on a first-serve basis. Please select an alternate session in each time slot in the event that your first choice session is full. For the safety of all attendees, we must observe maximum capacity regulations.

TUESDAY, SEPTEMBER 27 | 7:30 a.m. - 3:30 p.m.

American Society of Mechanical Engineers (ASME) B31Q (Pipeline Personnel Qualification) Update - Future Rules - Potential Changes (if final) to Rule for 192.305

7:30-8:00 a.m. **Richard Stump, Midwest Energy Association**
The July 2015 PHMSA NPRM is a likely game changer for the OQ Rule and while the final rule has not yet been issued, the proposed changes will require operators and contractors to significantly re-shape their OQ Programs. The presentation will review these proposed changes and consider the challenges involved with meeting these new requirements. The discussion will also include a review of the ASME B31Q standard and it's potential to serve as a national OQ standard.

8:00-8:10 a.m. Intermission

Process to Create Common Gas Standards, Materials, and Pipeline Safety Compliance Expectations across Multiple Utilities of the WEC Energy Group

8:10-8:40 a.m. **Tim Strommen, We Energies**
Chris Gigot, We Energies
Darin Vreugdenhil, Wisconsin Public Service
This presentation will include an overview of the WEC Energy group utilities which operate in four (4) states (MI, WI, IL and MN), organizational considerations, strategy for development and distribution of common gas standards and procedures, process for assessing and implementing material approvals, and coordination of pipeline safety compliance issues to gain efficiencies and enhance performance.

8:40-8:50 a.m. Intermission

Investigating Reports of Inside Leaks

8:50-9:25 a.m. **John Lueders, DTE Gas Company**
This presentation summarizes the approach to leak investigation of one gas pipeline operator.

9:25 9:45 a.m. Break

Gas Service Lines Connected to Non-distribution Facilities

9:45-10:15 a.m. **Cindy Creisher, Michigan Public Service Commission**
Tim Wolf, Michigan Public Service Commission
This presentation will discuss the Commission's own motion related to gas service lines connected to non-distribution facilities.

Maximum Allowable Operating Pressure (MAOP), Establishing MAOP

10:15-11:15 a.m. **Tim Wolf, Michigan Public Service Commission**
A discussion on the current rule (192.619) to establish MAOP.

11:15 a.m.-12:15 p.m. Lunch Buffet



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TUESDAY, SEPTEMBER 27 | 7:30 a.m. - 3:30 p.m.

Distribution Integrity Management Programs (DIMP)

12:15-12:45 p.m.

Kyle Friske, Michigan Public Service Commission
Tim Wolf, Michigan Public Service Commission

The DIMP presentation will be an overview of the regulations and past and present inspections of these rules. There will be a focus on what the current inspection cycle is looking at as well as specifically covering what is required to be in the plan and what records must be available for inspection.

Master Meter Regulations - Federal & State Differences

12:45-1:15 p.m.

Kyle Friske, Michigan Public Service Commission

The master meter presentation will be an overview on the differences between the federal regulations and MPSC requirements for master meter systems. Draft guidance material will be discussed.

1:15-1:35 p.m.

Break

Plastic Piping Information: • General Polyethylene (PE), Polyamide (PA) Concerns and Safety Issues Including Failures • Ultraviolet (UV) Light Exposure, Outdoor Exposure and Temporary Above Ground Installations • Hydrocarbon Permeation of PE

1:35-3:10 p.m.

Harold Winnie, DOT/Pipeline and Hazardous Material Safety Administration

General Discussion on fusion of PE and PA plastic pipe including failure investigations, installation issues, UV exposure including changes and limitations when installed above ground, and issues/concerns with hydrocarbon permeation of PE pipe.

3:10-3:30 p.m.

Break



GENERAL CODE COMPLIANCE TRACK - BREAKOUT SESSIONS
Conference Rooms E-F / Maximum Capacity: 63

Breakout session seating is filled on a first-serve basis. Please select an alternate session in each time slot in the event that your first choice session is full. For the safety of all attendees, we must observe maximum capacity regulations.

TUESDAY, SEPTEMBER 27 | 7:30 a.m. - 3:30 p.m.

Title – 49 CFR Part 192, Basics of the Federal Gas Pipeline Safety Regulations

7:30-9:25 a.m.

Wayne St. Germain, Pipeline and Hazardous Material Safety Administration

The overall structure and use of the federal pipeline safety regulations. The discussion will include: what does it mean to be retroactive, can I interpret one rule without consideration of other rules, what is incorporated by reference, and how do I get involved in rule making.

9:25-9:45 a.m.

Break

Two Part Discussion on Odorization Issues and Specificity of Procedures

9:45-11:15 a.m.

Wayne St. Germain, Pipeline and Hazardous Material Safety Administration

Part 1 – A deeper dive into concerns and issues found with the odorization of gas. Part 2 – How to write procedures so they meet the requirements of the regulators and are valuable to the employees.

11:15 a.m.-12:15 p.m.

Lunch Buffet

MPSC Operator Qualification Program Inspections

12:15-12:45 p.m.

Eleanor Mundorf, Michigan Public Service Commission

Paul Shapter, Michigan Public Service Commission

MPSC staff will share the Operator Qualification Inspection results and recommendations.

Human Factors and the DTE Gas Control Room

12:45-1:15 p.m.

John Sikorski, DTE Energy

DTE Gas opened a new Gas Control Room in May of 2016. The presentation will highlight enhancements related to control room management and human factors that were considered in the design.

1:15-1:35 p.m.

Break

Operations and Maintenance Requirements for Small Operators

1:35-3:10 p.m.

Wayne St. Germain, Pipeline and Hazardous Material Safety Administration

What do small operators need to do to comply with 49 CFR Part 192 Subparts L and M.

3:10-3:30 p.m.

Break



TRANSMISSION TRACK - BREAKOUT SESSIONS

Conference Rooms E-F / Maximum Capacity: 63

Breakout session seating is filled on a first-serve basis. Please select an alternate session in each time slot in the event that your first choice session is full. For the safety of all attendees, we must observe maximum capacity regulations.

TUESDAY, SEPTEMBER 27 | 7:30 a.m. - 3:30 p.m.

What is Stress Corrosion Cracking? (SCC 101)

7:30-9:25 a.m.

Jim Marr, TransCanada Pipelines

Recent Incidents and Analysis Tools for SCC; Electromagnetic Acoustic Transducer (EMAT) Tool & Spike Test.

9:25-9:45 a.m.

Break

Welding – Quality Concerns & In-Service Welding

9:45-10:45 a.m.

Jarrold Sanborn, Consumers Energy

The Michigan Gas Safety Standard requires the use of qualified welding procedures. Procedures shall be qualified to ASME IX or API 1104 20th edition including Appendix A or Appendix B, whichever is applicable to the function of the weld. Appendix B In-Service Welding is intended to address hydrogen cracking and burn-through potential. When evaluating these concerns welding processes and electrode selection should be optimized to address system quality issues and employee safety. Balancing GMAW and SMAW utilizing solid wire, cellulosic and low hydrogen electrodes is necessary when managing risk on high yield strength materials, older pipe materials and in-service welding.

Installation of Remote Control Valves (RCV) in Gas Transmission Pipelines

10:45-11:15 a.m.

Kayode Dawodu, DTE Energy

Remote Control Valves offer a means of effecting quick isolation of pipeline segments in the event of pipeline emergencies involving release of gas. This presentation will cover regulatory drivers, design and operational considerations in the implementation of RCV program to mitigate pipeline risk.

11:15 a.m.-12:15 p.m.

Lunch Buffet

Underground Natural Gas Storage - Past, Present & Future

12:15-12:45 p.m.

Catherine Washabaugh, Pipeline and Hazardous Material Safety Administration

Underground Natural Gas Storage has evolved over the past few decades. As storage facilities have aged, encroachment of facilities has also taken place. Alongside this, climate-motivated requirements for methane containment have increased. Implementing minimum safety regulations is a necessity to assure Operator responsibility for understanding, safely managing, and communicating the risks and changes (safety conditions) associated with their pipelines and related underground storage facilities. Today we will review where we have been, where we are now, and what the future holds in establishing minimum safety standards (regulations), and verifying that the operators perform to these standards.

Natural Forces – Recent River Failures and What Caused the Yellowstone River Failure

12:45-1:15 p.m.

Harold Winnie, DOT/Pipeline and Hazardous Material Safety Administration

A review of several recent River Failures including two on the Yellowstone River and what caused them. What can be done to prevent failures!

1:15-1:35 p.m.

Break



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TUESDAY, SEPTEMBER 27 | 7:30 a.m. - 3:30 p.m.

Transmission Integrity Management Programs (TIMP)

1:35-2:00 p.m.

Kyle Friske, Michigan Public Service Commission

The TIMP presentation will be an overview of the inspection cycle for IMP and recent findings from inspections. The focus will be on significant and recurring issues.

Continuous Improvement of Your Integrity Management Program

2:10-3:10 p.m.

Sean Bingham, Praxair, Inc.

If your Integrity Management Program is in good shape, then it is no longer in good shape. Continuous improvement is best achieved through added diversity of thought within the basic Integrity Management process. A number of strategies can be devised to enhance an Integrity Management program in order to achieve specific bottom-line results.

3:10-3:30 p.m.

Break