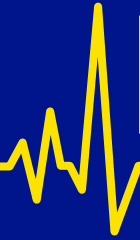




The Pipeline Safety Pulse



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In every issue of *The Pulse*, we are exploring an element of our National Grid Pipeline Safety Management System (PSMS), which is a structured framework designed to enhance Gas Business processes and procedures to reduce and eliminate pipeline safety incidents. It is based on the American Petroleum Institute's RP 1173.

Our Pipeline Safety Management System: Element 7



Management Review and Continuous Improvement (MRCI)

Element Purpose:

National Grid's Management Review process ensures that the overall PSMS performance is evaluated against established goals and objectives. A Management Review assesses the extent to which risks are identified and mitigated. They focus on ensuring that information and key lessons learned are shared across the organization in order to continuously improve the effectiveness of the PSMS. The Management Review process is a tangible, visible commitment by leadership to improving pipeline safety by effective use of the PSMS Process.

(continued on page 2)



Our Pipeline Safety Management System: Element 7

(continued from page 1)

Key expectations

- A documented Management Review process is in place that measures performance against PSMS goals and objectives. The review process incorporates inputs from processes, including:
 - Performance metrics
 - Risk management results
 - PSMS audits
 - Reviews by element owners
 - Investigations (IA-Incident Analyses)
 - Lessons learned
 - Stakeholder engagement
 - Jurisdictional requirements
 - Industry practices
 - Safety culture
- The Management Review process is integrated with the Process Safety Assurance Management Review Procedure and Cross-Functional Teams.
- The Management Review process summarizes the effectiveness of the PSMS, improvements in risk management, the health of safety culture and overall pipeline safety performance. Management assesses PSMS Maturity and takes actions as needed to close gaps in performance.
- Management assesses the extent to which regulatory requirements are being met, and where there is non-compliance, how those will be addressed.
- Management approves the output from each year's Management Review, including setting priorities for future improvements.
- New and updated jurisdictional requirements are reviewed and reflected in procedures and specifications.



Protecting our homes and communities during major ice and snow events



Heavy winter storms can compromise natural gas equipment, threatening our families and our neighborhoods. Encourage your family, friends and neighbors to watch for natural gas equipment subjected to accumulated ice, snow and ice falling from roofs, and standing water freezing and thawing around pipes. Such conditions place undue stress on gas meters, piping and regulators and can result in gas leaks, fires or explosions.

Remind folks that they must not try to clear ice from gas equipment by hitting it or prying at it with a shovel or other implement. Use a broom to clear away snow to prevent it from melting and refreezing around meters and pipes. Never use a snowplow near natural gas equipment.

Watch also for exhaust and combustion air vents for gas appliances that have become blocked by snow and ice. When such vents are blocked, natural gas does not burn completely and carbon monoxide (CO) forms. CO poisoning symptoms resemble flu symptoms and can result in injuries or death. If you suspect CO poisoning, get victims into the open air, have them breathe deeply and seek medical help for them immediately.





Inclusion and diversity



Inclusion and diversity dates to remember

January

- **January 1–31:** National Mentoring Month, Poverty in America Awareness Month
- **January 4:** National Braille Day
- **January 16:** World Religion Day
- **January 17:** Martin Luther King, Jr. Day
- **January 27:** International Holocaust Remembrance Day

February

- **February 1–28:** Black History Month
- **February 1:** National Freedom Day, Chinese New Year
- **February 4:** Rosa Parks Day
- **February 11:** International Day of Women and Girls in Science
- **February 20:** World Day of Social Justice



Black History Month

Every February, Black History Month celebrates the achievements made by African Americans at home and abroad.

The event grew out of Black History Week, established in the 1920s by Carter G. Woodson, a prominent African American historian. During the 1976 bicentennial, President Gerald R. Ford expanded and officially established Black History Month as a way for all Americans to honor the accomplishments of Black Americans throughout history.

The theme for Black History Month 2022 is “Black Health and Wellness.” Check online at africanamericanhistorymonth.gov to learn more and to celebrate Black heroes.





COP26 is over. Now it's time to get to work!

Stakeholder
engagement



COP26 was the most important global climate change summit of the decade. World leaders gathered in Glasgow to agree to the Glasgow Climate Pact, which outlines countries' commitments to reversing the most dangerous effects of climate change.

National Grid's role as a Principal Partner for COP26 gave us a platform to make a difference. As a responsible business, we are committed to decarbonizing the energy system and ensuring that the transition to net zero is fair and affordable for all.

CEO John Pettigrew reports that "In the US, the federal government [the largest energy consumer in the country] has committed to reducing its own carbon emissions by 65% by 2030. With governor elections towards the end of the year in New York and Massachusetts, there may be implications for how both states take their net-zero commitments forward. In the UK, the government will be keen to build on the momentum created at COP26 to deliver its ambitious climate targets for net zero by 2050."

COP26 may have been in Glasgow, but you – our colleagues – are at the heart of National Grid's efforts. Our Gas Transmission and Metering (GT&M) Environment & Sustainability team has put together a wealth of resources to help inform you about National Grid's efforts toward achieving net zero by 2050 and to let you know about opportunities for you to participate.

- ✓ In response to the increased news coverage the impact of climate change is receiving, our team has pulled together **an interactive e-guide** explaining some of the many terms you may be hearing related to climate change.
- ✓ **Download a poster** to print and display that includes a QR code linking to the e-guide.
- ✓ Watch the highlights video from the two weeks of COP26, featuring footage from the Glasgow summit as well as from our global colleagues. View at Grid:home under COP26.
- ✓ Listen to "The Clean Energy Revolution," the COP26 episode of our podcast series at **Omny Studio** or at **Grid:home**.
- ✓ **Explore the rest of the site** for content from the lead-up to and during the COP26 summit, as well as resources about the key areas National Grid is focusing on to drive forward our journey to net zero.
- ✓ Participate in Fair Transition ideation sessions – COP26 champions. Beginning in 2022, we will be holding sessions to seek your input on what National Grid's vision for a fair transition should look like. If you'd like to be involved in those sessions, please **register here**.

Look out for more to come...

Each month, the GT&M team will be focusing on a different sustainability topic – sharing more about what it is, its impact and what National Grid is doing as part of our commitment to achieve a positive impact on the environment. The aim is to help you understand more about the topics and enable you and your team to have a positive conversation about what you can do to help National Grid achieve our commitments.



Grid:voice

Act promptly to participate in Grid:voice survey.

Company news



Grid:voice is our annual engagement survey of all National Grid employees who were permanent by December 1, 2021. You should have received an individual survey link by email on January 20 from National Grid Survey (gridvoice@survey.nationalgrid.com). **If you have not done so already, please complete the survey by February 10, 2022.**

National Grid began conducting the annual engagement survey in 2008, and we currently work with Korn Ferry and Qualtrics to conduct the survey and analyze the results. We rebranded the survey as Grid:voice in 2021.

Listening to our colleagues regularly is critical to National Grid, and feedback we receive from the annual surveys informs our priorities, communications and people strategy. For example:

- Senior leaders are committed to acting on the survey results.
- Survey questions about what it's like to work for your manager help us develop our Leadership Index and measure leader capability across the organization.
- Our engagement score from the annual survey is used in the annual report.
- The Responsible Business Charter, QBRs and Project Evolution all rely on metrics produced from the Grid:voice survey.

When will the results be shared?

The company-wide results and your local area results will be available in **early March 2022**. Your local results will be shared with you by local leaders and will be used to generate local action plans from March onwards.

Charity donation

For every completed survey, we will donate £1 to The Trussell Trust in the UK and \$1 to The United Way in the US.





Company news



Continuous improvement

The US Gas Pipeline Safety Compliance Programs Assessment & Improvement Team collaborates with business stakeholders to deliver end-to-end assessments of compliance programs and process improvements to proactively identify and mitigate compliance risks.

Recently, we completed a Plastic Fusion assessment for both New York and New England; over 100 recommendations for improvement were identified in the areas of training, operator qualifications, quality, records and communications. We can achieve these amazing results by engaging stakeholders across the business, both within and outside Gas, and through the support of the entire Gas Pipeline Safety Continuous Improvement team and the Gas Pipeline Safety and Compliance organization. Our improvement efforts are currently focused on Service Transfers, Transmission Records (TVC), Engineering & Survey Process Design, Main Purging Third Party Notifications, OQ-related Notifications and Fusion Procedural Changes.



Pipeline safety spotlight recognition

Every quarter, *The Pulse* will feature an article about an employee or team that you nominate for the Employee Spotlight. Nominate an employee, coworker or team who embodies National Grid values, and we will put them in the spotlight for some well-deserved recognition. Please complete ***The Pulse Spotlight nomination form***, then email the completed form to Lead Communications Specialist Lisa Callahan at lisa.callahan@nationalgrid.com.

The Pipeline Safety Pulse nationalgrid
Pulse spotlight nomination form

Every quarter, *The Pulse*, our Pipeline Safety newsletter, would like to feature an article about an employee, coworker or team that embodies National Grid values, and we would like to Spotlight this well-deserved recognition.

Please complete the form below, answering as many of the questions as are relevant to your nomination. Email the completed form to Lead Communications Specialist Lisa Callahan at lisa.callahan@nationalgrid.com.

Nominee: _____ Nominator: _____
Department: _____ Job title: _____
Job title: _____ Phone: _____

Please provide information that embodies the National Grid values. The information you provide will help us to determine the recipient of this recognition.
Please answer as many of the questions below as are relevant to your nomination.

What specific incident or achievement has inspired you to make this nomination?

What impact has your nominee's accomplishment had on our division or National Grid?

How have your nominee's accomplishments supported our division's goals (or National Grid's goals)?

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