







## Annual gas pipeline inspections underway

Every year, NorthWestern Energy does leak surveys on our natural gas system. This includes gas main lines, service lines and gas meters.

In coming months, you may see NorthWestern Energy crews working throughout neighborhoods using leak detection equipment. These handheld units can detect traces of natural gas, which allows us to find leaks and get them fixed right away.

The NorthWestern crews will need to access your property to inspect your natural gas meter. If they can't reach your meter due to a locked gate or an animal in your yard, they'll come to your door and ask for access. If they can't get a hold of someone in the house, they'll send someone back later, so we can be sure to get a full inspection of the natural gas system.

## The hazards of a natural gas release

Natural gas is very safe. However, if a natural gas leak occurs, you need to be aware of the hazards. Natural gas is highly flammable and easily ignited by heat, sparks and static electricity. NorthWestern Energy makes it easy to detect natural gas leaks by adding an unpleasant rotten egg or skunk-like smell to natural gas. If you smell this odor:

- Leave the area immediately.
- Do not use phones, matches, light switches or anything else that could trigger the ignition of the gas.
- When at a safe distance, call 911 and NorthWestern Energy.

Natural gas is lighter than air and can migrate into enclosed spaces. If you smell natural gas, evacuate the area on foot and move upwind of the leak.



## From the mailbag

Recently, a valued customer took the time to point out our January edition of Energy Connections included some corporate speak that probably doesn't mean much to our customers. Here's a little more information on what John T. does in his position as director of digital customer experience success.

### Q: What is digital customer service success?

**A:** Digital customer service refers to a customer's perception of a company and its brand based upon customer interactions across digital platforms. Digital platforms can include social media, text, mobile apps, website, chat, email and more. As we move forward with bringing new technology into our processes and services, we're looking at how best to serve our customers in those digital platforms.

### Q: Is a gas module the new name for a gas meter?

**A:** When we upgrade our electric meters, we're swapping out the existing meter with a new meter. With gas meters, the upgrade involves replacing a module that allows two-way communication between NorthWestern Energy and the gas meter. However, we aren't changing the gas meter itself.

### Q: What are customers asking of the company?

**A:** According to our customer satisfaction surveys, customers want to be more informed of outages and estimated outage restoration times. In addition, they are asking the company to let them know when power has been restored. They also want to be able to access more information online. This may include being able to log in to a portal or app and see their energy use in a per-day or hourly perspective, or to set up alerts informing them of their energy usage.

### Q: What is a strategic AMI vision and tactical deliveries?

**A:** Our new meters are a piece of advanced metering infrastructure, or AMI. These meters will allow us to offer many new services. We're currently undergoing a strategic process to decide what services to roll out. The tactical piece is prioritizing the services and deciding in what order to roll them out to best serve our customers.

We always appreciate hearing from our customers. Thank you!

## Understanding natural gas pipeline safety

### Pipeline markers

Markers, placed at all public road and railroad crossings, show the approximate location of pipelines and identify the companies that operate them. These markers indicate the pipeline content, the name of the pipeline operator and the operator's emergency phone number.

Even if the pipeline is marked, you must call 811 to have utility lines marked before digging. The pipeline may not follow a straight course between markers. Call 811 at least three business days before beginning any digging project.

### Pipeline monitoring

As a pipeline operator, we monitor the status of our pipelines seven days a week, 24 hours a day to ensure they are safe and secure. We use computers, alarms, meters and satellite technology to control and check our pipelines. The monitoring systems detect changes in pressure and flow and can activate warnings and safeguards if a leak is detected.

### HCA's and IMPs

Federal pipeline safety regulations use the concept of

High Consequence Areas, or HCAs, to identify specific locations and areas where an accidental release of natural gas could have the most significant adverse consequences. Once an HCA has been identified, operators devote additional focus to ensure the integrity of pipelines in that area. We have in place an Integrity Management Program, or IMP, that defines the steps and timelines for identifying HCAs, assessing the integrity of the pipelines and taking aggressive steps to mitigate the risks to people and property near HCAs.

### Pipeline purpose and reliability

Pipelines are the safest way to transport energy products, including natural gas, crude oil and other fuels. The U.S. Department of Transportation's Pipeline & Hazardous Materials Safety Administration (PHMSA) regulates pipelines with the help of state partners. According to government and industry statistics, the most common cause of pipeline incidents is improper or unauthorized digging near a pipeline, which is why it's important to call 811 at least two business days before any digging project. Pipeline operators carefully build, maintain and monitor the integrity and security of their lines.