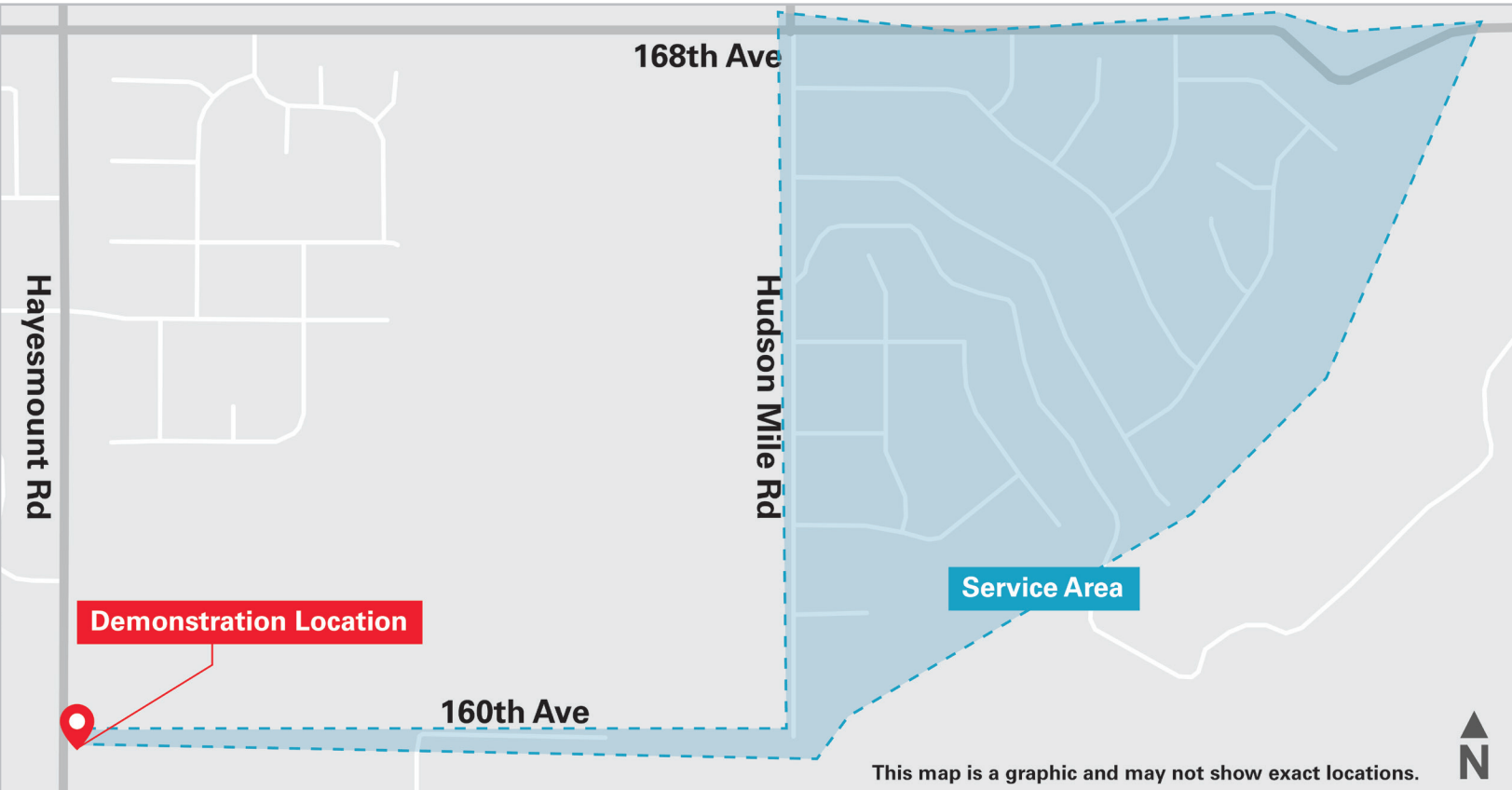


HYDROGEN-NATURAL GAS BLENDING DEMONSTRATION PROJECT

April 2023

INFORMATION SHEET
COLORADO



This map is a graphic and may not show exact locations.

The Hydrogen-Natural Gas Blending Demonstration Project will allow us to demonstrate hydrogen's value as part of our transition to a net-zero energy future by 2050. Through this two-year effort, hydrogen will be blended on a small scale into our existing natural gas system. The demonstration will advance technologies to blend hydrogen into more parts of our system in the future while continuing to deliver safe, reliable and increasingly low-carbon energy.

ABOUT THE PROJECT

To demonstrate how we can blend hydrogen into natural gas, we're proposing to install a temporary system. Starting in late 2023, we'll blend small percentages of hydrogen into the natural gas service of about 250 customers in Adams County, Colorado. The demonstration will be in service near 160th Avenue and Hayesmount Road for about two years. Schedules are subject to change, but we'll keep you updated throughout the project.

If you receive this hydrogen-natural gas blend, you'll continue to receive the safe, reliable service you

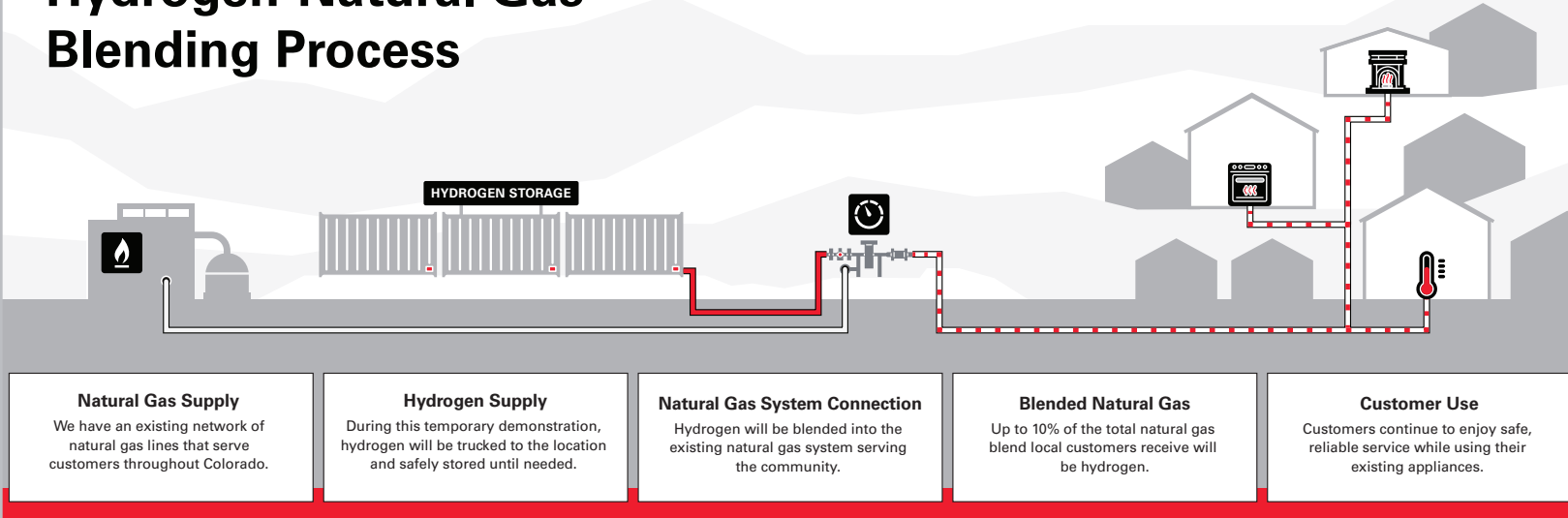
expect and use your existing appliances and heat. Service interruptions are not expected, and you won't need to take action to receive this service. You'll also continue to pay your normal gas rates.

Work to prepare the location and install the equipment will take a few months, but we'll keep the community informed during this process.

YOUR SAFETY IS ALWAYS IN MIND

Similar to our safety standards for natural gas, we'll implement safety measures to blend hydrogen into the natural gas system. There will be equipment to identify potential leaks and a remote shutoff in case of emergencies. The location will also be monitored 24/7 by staff to verify the system is working appropriately. To help you detect potential leaks, the hydrogen-blended natural gas will have a rotten-egg or sulfur-like odor (although it could smell differently to you). If you ever suspect a natural gas leak, leave your location immediately. Once safely away, call 911, then Xcel Energy at 800-895-2999.

Hydrogen-Natural Gas Blending Process



This is a graphic and only shows representative steps in the hydrogen-natural gas blending demonstration process.

HOW THIS WORKS

We'll install equipment at the demonstration location, like hydrogen storage containers, that will store, blend and connect to the natural gas system. The site will be screened and include landscaping to reduce visual impact.

Because this is a temporary demonstration, hydrogen will be delivered to the location by truck, and we expect about 20-40 deliveries each year, depending on the time of year and how much natural gas is used by customers in the area. When implemented on a wider basis in the future, hydrogen would be delivered by underground lines.

A TRACK RECORD OF SUCCESS USING HYDROGEN

While hydrogen is new for our communities, it's been safely and reliably used in North America for the last 50 years. Hydrogen blending has been used successfully by energy providers like Hawai'i Gas, which has used hydrogen since the 1970s. Energy providers like SoCalGas and Enbridge also have recent hydrogen blending projects. By combining information from proven hydrogen blending efforts with our natural gas expertise, we'll optimize the process to blend hydrogen into more parts of our natural gas system in the future.

As hydrogen technology becomes more efficient and production increases, hydrogen will become a more widely available energy source that can be used on a larger scale.




ON THE PATH TO BEING A NET-ZERO ENERGY PROVIDER

We aim to provide safe, clean and reliable energy services to you, and are transitioning to low- or zero-carbon energy options like hydrogen to support carbon-free electricity, zero-carbon transportation and gas service with net-zero emissions.

A LEADER IN ENERGY SOLUTIONS

Xcel Energy is a leader in providing safe, clean and reliable energy service. We were an early adopter of cost-effective wind and solar projects, which helped advance the technology and lower costs. Our demonstration projects can help bring about newer technologies and reduce the cost of using them on a wider scale.

QUESTIONS?

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