

# Physical Infrastructure



## Responsible Resilience: Early Leak Detection for Efficient Natural Gas Operations



SaskEnergy's Leak Detection and Repair Program has become an important part of keeping natural gas facilities safe and well maintained. Launched in 2020, the program focuses on identifying small leaks before they become larger concerns. Crews complete surveys at compressor and meter stations on a heightened schedule to stay ahead of potential issues and use tools such as infrared cameras to spot issues that cannot be seen with the eye alone.

Through this careful work, more than 1,500 natural gas leaks have been found and repaired. Leaks continue to be addressed as needed through ongoing efforts to upgrade equipment to more energy-efficient models.

This proactive approach to managing above-ground transmission and storage facilities helps SaskEnergy maintain energy security while progressing toward its target of reducing operational emissions by 35 per cent by 2030.

### Why It Matters

Early leak detection protects people, equipment and the surrounding environment. Repairing leaks also lowers unnecessary gas loss and supports responsible emissions stewardship across the system. Together, these efforts strengthen safety and reliability, helping ensure that natural gas continues to move dependably through Saskatchewan's network.

### Link to Related Information

[SaskEnergy System Upgrades](#)

[Explore other resilience stories](#)

