



# T-South Reliability and Expansion Program Australian Compressor Station 5

## Overview

Enbridge owns and operates British Columbia's (B.C.) major gas transmission infrastructure system, which transports processed natural gas to consumers throughout the province and to Alberta and the Pacific Northwest of the United States (U.S.). This gas is used to heat homes, businesses, hospitals and schools. It is also used as a fuel for electric power generation and is a staple in many industrial and manufacturing processes.

Enbridge is conducting upgrades and a number of reliability enhancements on the southern portion of its natural gas transmission system (T-South) which stretches from south of Chetwynd, B.C. to the southernmost point at the Canada/U.S. border at Huntingdon/Sumas.

This work, known as the **T-South Reliability and Expansion Program**, will involve installing new, or replacing and decommissioning old compressor station units with more reliable and efficient units, as well as undertaking smaller upgrades and operational maintenance at various facilities along the system. These upgrades are being undertaken as part of operating a safe natural gas pipeline system and will accommodate increased customer demand on the system.

## Project Timeline

A regulatory application for the compressor station unit will be filed with the National Energy Board (NEB) in Summer 2018. A more detailed timeline for the Project scope is provided below.

**Fall 2017 – Spring 2019:** Engineering

**Winter – Summer 2018:** Environmental

**Winter 2017 (Ongoing):** Indigenous and Public Consultation

**Summer 2018:** NEB Application

**Fall 2018:** BC Ministry of Environmental Application

**Spring 2019 – Fall 2020:** Construction

**Fall 2020:** In-Service

*These timelines are subject to change.*

Enbridge Natural Gas Pipelines

Compressor Station

Highway

Road

97

Rich Bar

Fraser River

Quesnel River

Kersley

97

Compressor Station 5

## Project Scope

As part of the T-South Reliability and Expansion Program, Enbridge is proposing to undertake maintenance and reliability work at Compressor Station 5, approximately 10 kilometers south of Kersley, B.C. (the “Project.”)

The Project scope will include:

- Installation of a new state-of-the-art compressor unit.
- Addition of a new gas cooler to accompany the compressor unit. When natural gas is compressed, its pressure and temperature increase. The gas cooler decreases the gas temperature before it is returned to a pipeline to ensure it does not negatively affect the pipeline system.
- Installation of equipment, utilities and buildings required to support the new unit.
- This work will take place on Enbridge’s existing property.

The new compressor unit will adhere to all B.C. Oil and Gas Commission noise guidelines and make use of a number of noise reduction features.

Compressor stations are used to move natural gas through a pipeline to maintain its flow and pressure. Over long distances, friction and geographic elevations slow the movement of natural gas. A compressor station gives the natural gas a “boost.”



## Environmental Studies

Enbridge will undertake investigative environmental work beginning in May 2018, including archaeological studies if required. Enbridge will complete, or has already completed:

- **Environmental Review:** Winter 2018 – Summer 2018
- **Air and Noise Emission Assessment Studies:** Spring – Summer 2018
- **Environmental Field Studies:** Spring 2018
- **Archaeology Studies:** Spring 2018

## Low-Emission Technology

The new compressor unit will make use of modern low-emission technology. Enbridge is undertaking further studies this spring to determine specific reduction values.



## Community and Indigenous Consultation

Enbridge is committed to working with Indigenous communities, landowners, the public and other potentially interested parties who may be impacted by this work. By understanding these interests early on, we are in a better position to incorporate them into Project planning. This dialogue will continue throughout construction and into the continued operation of the T-South system.

## Commitment to Safety

At Enbridge, safety is a core value. All our construction and maintenance activities are focused on protecting the public, the environment and local property, while maintaining a safe, efficient and reliable system. Every compressor station has operations staff onsite to monitor the flow of natural gas, perform safety checks and proper system maintenance, and to keep the facility safe and secure. Every station is equipped with an emergency shutdown system that can stop the flow of gas from either of our two 24-hour natural gas control centres in Fort St. John, B.C. and Calgary, Alberta.



## We want to hear from you!

Enbridge values meaningful engagement with all potentially affected Indigenous communities, stakeholder groups and landowners. You can get in touch with us at any time with your questions or comments. Here's how:

Call us, toll-free:  
**1-844-960-2081**

Email our Project team:  
**t-south@enbridge.com**

Media inquiries:  
**1-888-992-0997**  
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