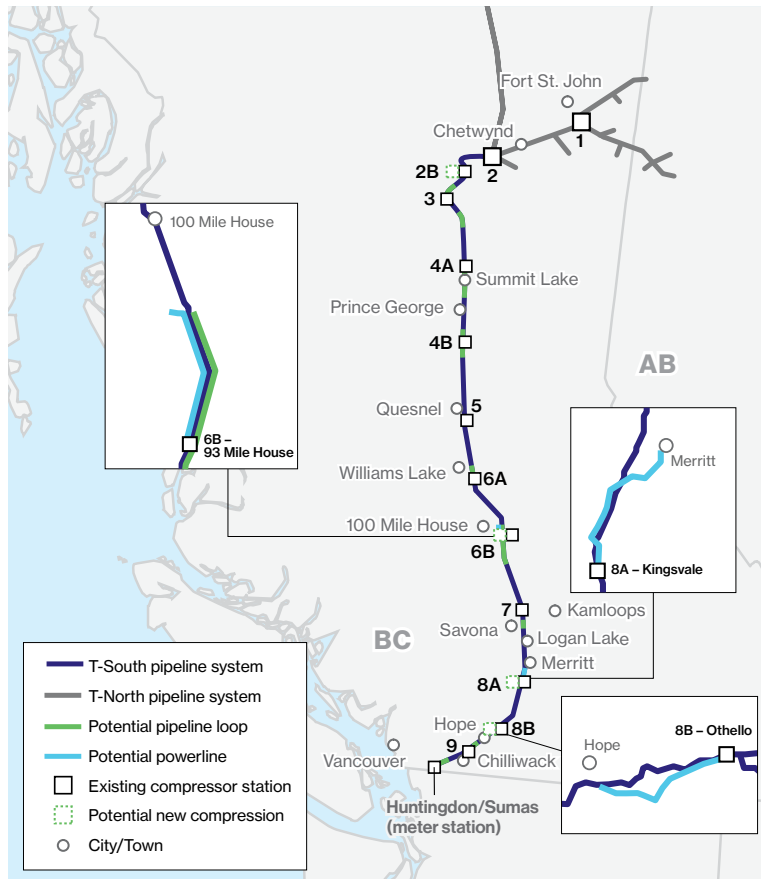




# Sunrise Expansion Program

> Image above: existing compressor station 5 – “Australian” – near Quesnel, BC

Westcoast Energy Inc. (Westcoast), an Enbridge company, owns and operates a natural gas transmission system in British Columbia (BC) that transports processed natural gas for markets throughout BC, Alberta and the Pacific Northwest. This gas is ultimately used to heat homes, businesses, hospitals and schools. It is also used as a fuel for electric power generation and is a staple in a number of industrial and manufacturing processes that produce hundreds of products that improve our lives.



Map is for illustrative purposes only and not to scale. Project design is under development and configuration of pipeline loops, compressor units, additional compressor station modifications, and powerlines are subject to change.

## Project overview

Westcoast is proposing the Sunrise Expansion Program (Project), an expansion of the southern portion of its BC Pipeline system known as T-South. The Project is being proposed based on demand for additional natural gas transportation capacity. It will provide up to 300 million cubic feet per day (MMcf/d) of natural gas on the T-South system. The targeted in-service date is late 2028.

The proposed Project currently includes the installation of pipeline loops and additional compression at select existing compressor station sites. Westcoast is planning to use electric-driven compressors, which would require new powerline infrastructure as well.

## Pipeline loops

In order to increase transportation capacity, pipeline loops would be added, along Westcoast’s existing right-of-way (ROW). The additional loop segments will run parallel and connect to the existing pipeline system.

A total of approximately 137 km of 42-inch pipeline looping in various segments along the system is currently anticipated.

## Preliminary Project timelines

- Environmental studies began: Q2 2023
- Geotechnical studies began: Q4 2023
- Regulatory application submission (CER): Q2 2024
- Construction: Q2 2026 – Q4 2028
- In-service: Q4 2028

Project timelines are subject to change.

## Compressors and infrastructure upgrades

In addition to pipeline looping, additional compression and upgrades would be required. Over extended distances, friction and elevation differences reduce the pressure within the pipelines and slow the flow of gas – compressor stations give the gas a needed “boost”, helping it get from one point to the next.

Westcoast plans to install new compressors at existing compressor stations located at Azousetta Lake (CS-2B), 93 Mile (CS-6B), Kingsvale (CS-8A), and Othello (CS-8B).

To reduce environmental impacts, Westcoast is considering the use of electric-driven compressor units for some of the compression required for the Project. If electric-driven compressor units are used, the Project could avoid about 376,000 tonnes of carbon dioxide equivalent (CO<sub>2</sub>e) emissions per year. That is equivalent to removing 104,000 cars off the road in a year. The electric-driven compressor unit would substantially cut greenhouse gas (GHG) emissions that would be produced with a natural gas drive. Electric drives are also known for their quieter operation compared to natural gas drives.

To power the new electric-driven compressor units and ensure reliable operations, up to approximately 34 km of new electric transmission powerlines may be required. These overhead powerlines would largely follow existing linear infrastructure such as roads or ROWs to minimize environmental and local community impacts.

## Regulatory

Westcoast plans to file a regulatory application with the Canada Energy Regulator (CER) in Q2 2024. To support its application, environmental, geotechnical and socio-economic studies are underway. We are engaging with Indigenous groups, landowners, and other stakeholders to help shape the design of the Project.

## Indigenous and community engagement

Westcoast is committed to engaging with Indigenous groups, landowners, and other stakeholders with an interest in the Project. By gaining a deep understanding of these interests at an early stage, we can better integrate them into the Project planning.

Westcoast is dedicated to creating economic opportunities for Indigenous groups and local communities. This ranges from training and employment opportunities to procuring goods and services from Indigenous businesses through a proactive supply chain process. These opportunities are provided from the early investigative studies through construction and into long-term operations.



## Investigative field studies

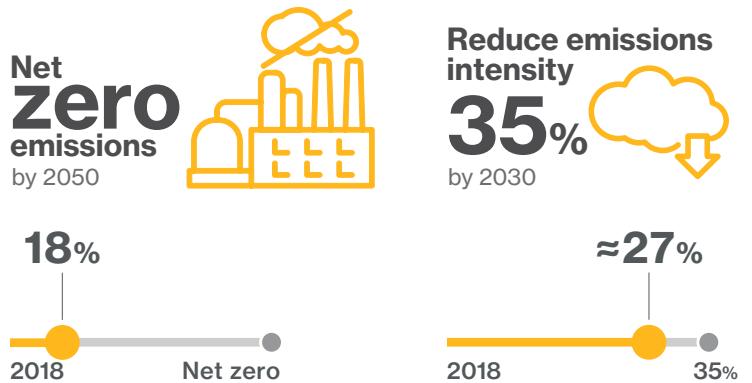
To support Project routing and design, Westcoast is conducting investigative geotechnical and environmental studies. These studies will help identify any environmental or geotechnical factors that should be considered in designing the Project and in developing mitigation.

Environmental studies include surveys of fish and fish habitats, wildlife, vegetation, soil, watercourses, wetlands, air quality and archaeology assessments. Geotechnical studies aim to understand geological conditions beneath the surface for optimal pipeline routing design.

## Environmental performance commitment

Enbridge's environmental, social and governance (ESG) goals represent the next stage of our evolution as an ESG leader to ensure we're positioned to grow sustainably for decades to come. Specifically on the environment, our goal is to achieve net-zero GHG emissions from our business by 2050 and a 35% reduction in the intensity of GHG emissions from our operations by 2030. Our emissions reduction targets include future projects we might develop, and anything we do will be assessed against our emissions reduction commitments. The installation of electric-driven compressors in this Project help Enbridge meet these goals.

To find out more about how we plan to meet these goals, please visit [enbridge.com/esggoals](https://enbridge.com/esggoals).



## Contact us

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