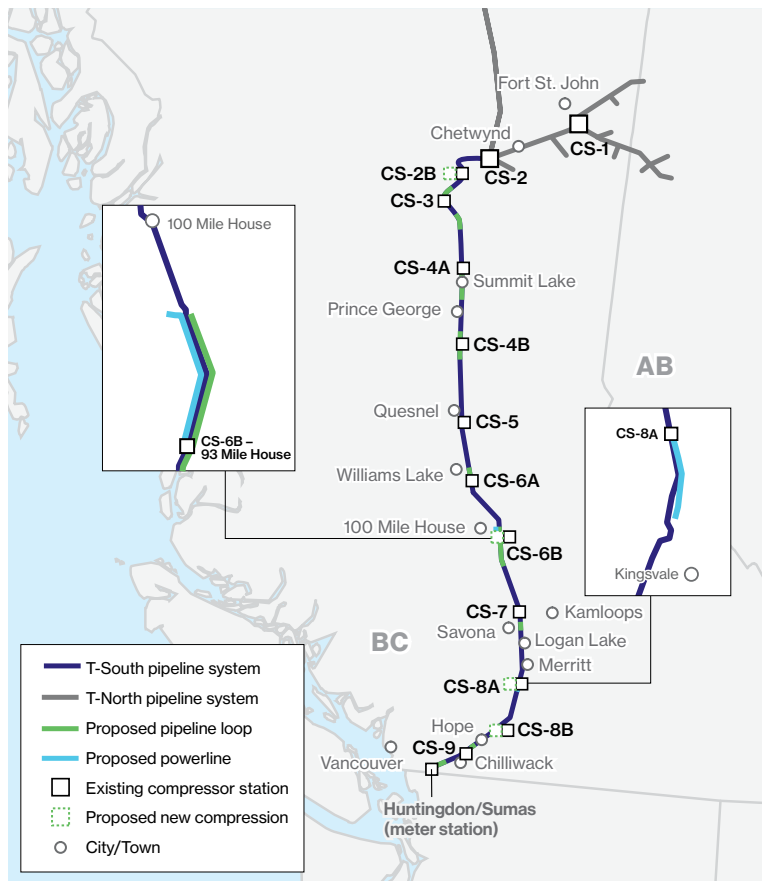




# Sunrise Expansion Program

> 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 compressor units, which would require new powerline infrastructure.

## Pipeline loops

In order to increase transportation capacity, pipeline loops will 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 will 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 proposing 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 will prevent about 360,000 tonnes of carbon dioxide equivalent (CO<sub>2</sub>e) emissions per year. That is equivalent to removing 100,000 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 10 km of new electric transmission powerlines may be required. These overhead powerlines will largely follow existing linear infrastructure such as roads or ROWs to minimize environmental and local community impacts.

## Regulatory

Westcoast filed an application for the Project with the Canada Energy Regulator in Q2 2024. Environmental, geotechnical and socio-economic studies were conducted to support the application. We are engaging with Indigenous groups, landowners, and other stakeholders to ensure they are updated with the regulatory processes.

## Indigenous and community engagement

Since 2023, Westcoast has been engaging with potentially affected Indigenous groups, landowners, and other stakeholders. By gaining a deep understanding of their interests and how they may be affected by the Project at an early stage, we have incorporated local knowledge and feedback 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.

## Contact us

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## Investigative field studies

To support Project routing and design, Westcoast is conducting investigative geotechnical and environmental studies. Since 2023, we spent more than 150,000 hours performing environmental and cultural surveys, with approximately 60% of the fieldwork hours completed by Indigenous vendors. 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 our aim to be an ESG leader, and 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<sup>1,3</sup> and a 35% reduction in the intensity of GHG emissions from our operations by 2030<sup>1,2</sup>. 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).

**Net-zero**  
emissions from  
our operations  
by 2050<sup>1,3</sup>



<sup>1</sup> GHG emissions included within our targets are from assets over which we have operational control (Scope 1 and Scope 2 emissions). Projected reductions of GHG emissions intensity and absolute emissions is relative to the 2018 baseline year. For more information, see our 2023 Sustainability Report.

<sup>2</sup> This metric aggregates emissions and throughput for each business unit on the basis of tonnes of carbon dioxide equivalent per energy delivered in petajoules (“PJ”).

<sup>3</sup> Absolute emissions.