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# Transmission South Projects Regional Update

Winter 2021



## Transmission South (T-South) Regional Update

Enbridge owns and operates the major natural gas transmission system in British Columbia (B.C.), which transports processed natural gas to consumers throughout the province, Alberta and the Pacific Northwest.

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 a number of industrial and manufacturing processes that produce hundreds of products that improve our lives.

This newsletter provides an update on projects and operations on the southern B.C. portion of our natural gas transmission system (T-South), which begins near Chetwynd and stretches to the Canada/U.S. border at Huntingdon/Sumas.

### Commitment to communities during COVID-19 pandemic

Enbridge provides an essential service across North America to maintain and operate safe and reliable energy infrastructure, to ensure the transportation of natural gas to consumers throughout the province of B.C., AB and the U.S. We continue to do our part to help prevent the spread of COVID-19 and want to reinforce that your community's health and safety, as well as that of our employees and contractors, is our number one priority. In addition to strict protocols around Personal Protective Equipment, physical distancing and site sanitization, we follow detailed Pandemic Preparedness Plans at all of our worksites to ensure safe operations. We are following all government legislation and public health authority guidelines and remain committed to our relationship with your community during this time. We are always available to answer questions about the work we're doing in the area.



# T-South Regional Update



## T-South Reliability and Expansion Program

The T-South Reliability and Expansion (TSRE) Program involves replacing aging compressor station units with new, more reliable and efficient units, and undertaking smaller upgrades and operational maintenance at various facilities along the system. In September 2019, the Canada Energy Regulator (then the National Energy Board) approved Enbridge's regulatory applications to conduct the upgrades and modifications at the facilities shown in the map above.

### What's the latest?

- Construction of new compressor stations began in March 2020, with in-service planned for Q4 2021.
- Construction was completed on most of the smaller scale upgrade projects during 2019 and 2020 including:
  - Crossover assemblies at Cottonwood, Bonaparte and Hihium.
  - CS-7 gas cooler addition in Savona.
  - CS-2B Azouzetta project.
- Enbridge applied to amend its air emissions discharge authorization associated with air permit PA-16322. This Application for Amendment focused on the five compressor stations that will see the installation of new compressor units within the transmission system: CS-3, CS-4A, CS-4B, CS-5, CS-6A.
  - The compressor stations will see the installation of new turbines, designed to achieve lower emissions than existing units.
  - Enbridge will replace aging units with new, low-emission engines at station CS-6A, CS-4A and CS-4B.
  - At stations CS-3 and CS-5, the legacy unit is not being decommissioned, however, the typical daily operational
- Over \$31 million has been committed to Indigenous businesses working on the TSRE Program.

(Left: Construction at 150 Mile House Compressor Station 6A. Photos provided by Williams Lake First Nation and BIRD Construction)

## Operations, Maintenance and Integrity Management

Our goal at Enbridge is, and will always be, the prevention of all incidents. Prevention is a key element of our multi-pronged approach to pipeline and facility safety—and preventative maintenance of our systems is a critical component of our operations.

Ultra-high-tech inspection tools monitor both the interior and exterior of our pipes. When data from these inspections indicates a change or anomaly that requires a closer look, Enbridge will undertake a maintenance dig to physically examine the integrity of the pipe segment and determine if repair or other action is needed.

In addition, the Canada Energy Regulator regularly reviews pipeline class location changes – as defined by the Canadian Standards Association – due to building and human occupancy changes along pipeline right-of-ways (ROW). As human population increases near a pipeline ROW, segments of pipe must be upgraded to meet regulatory standards and to address increased potential for third-party damage.

### What's the latest?

- Due to class location changes, Enbridge proposes to replace a 200 metre (m) segment of the 36-inch natural gas pipeline near 108 Mile Lake in 2021.
- Enbridge will undertake maintenance and operations work to support the remediation and geotechnical activities at, or near river crossings including:
  - Pine River Crossing #3 Project (Grizzly Mainline) – approximately 30km west of Chetwynd.
  - Fisher Creek Revetment Project – approximately 9km south of Chetwynd.
  - Angusmac Creek Temporary Bridge.
  - Cottonwood River Slope Stabilization – near Bear Lake, south of Hixon.
- Integrity and pipeline maintenance digs will occur along the system throughout 2021.
- Enbridge will conduct depth of cover surveys and implement mitigations where necessary along the ROW. This work ensures the pipelines are adequately covered to protect against environmental exposure or third-party damage.
- Communities can expect to see construction activities and additional traffic on local roads for short durations in association with specific maintenance activities as we stage equipment and resources to support this work. Traffic plans and appropriate signage will be in place if needed.
- Communities will be notified of operations and maintenance activities in the region or traditional territory. We will continue to engage with local communities and provide regular progress updates.



## In the Field: Wetland Offsetting Program at 150 Mile House Compressor Station 6A

Enbridge and its environmental consultants have been working closely with the Williams Lake First Nation (WLFN) Natural Resources Department since 2018 on archaeological environmental and archaeological surveys, wildlife sweeps, amphibian salvages, monitoring and site remediation. One of the major environmental initiatives underway is a wetland offsetting project. A WLFN business was retained to construct a new wetland pond on the edge of an existing wetland just outside of the CS-6A worksite area. A 2m buffer of vegetation was maintained between the existing wetland and the new pond. It is anticipated that the new pond will receive additional water flow from the existing wetland in the spring of 2021. Willow stakes and cattails were transplanted around the margins of the new pond and next steps include supplemental tree planting around the perimeter of the existing wetland and the new pond in 2021. WLFN will lead the revegetation program this year with Enbridge support.

## Enbridge Sets Environmental, Social and Governance Goals for the Future

In November 2020, Enbridge announced exciting news about its expanded Environmental, Social and Governance (ESG) goals and targets related to greenhouse gas emissions reduction, diversity and inclusion, and increasing transparency and accountability of our ESG priorities and results.

As the largest energy midstream company in North America, Enbridge has long been a leader when it comes to ESG issues. We're proud to announce these new commitments that will help us to continue to grow sustainably for decades to come. To ensure we meet our commitments, Enbridge is linking the achievement of ESG goals to employee and executive compensation. For more information, visit [Enbridge.com/ESGgoals](https://enbridge.com/ESGgoals).



### Environment

- Achieve **net zero** emissions by 2050
- Reduce the emissions intensity by **35%** by 2030
- Scope 1 and 2 emissions, tracking Scope 3 performance



### Social

- Achieve new diversity and inclusion goals by 2025

	Today	2025 Goal
Women	31%	40%
Ethnic & racial groups	19%	28%
People with disabilities	3%	6%
Veterans (US)	5%	7%



### Governance

- Representation on the Board of **40%** women and **20%** ethnic and racial groups by 2025
- Increased ESG transparency and reporting
- ESG performance tied to incentive compensation

## Public Awareness Outreach Program

Enbridge regularly contacts those who live and work near our systems on an ongoing basis to share information about our Public Awareness Program (PAP). The PAP provides important information about the presence of pipelines and related gas facilities in your community, and how to live and work safely near them. Under normal circumstances, our team prefers in-person meetings with those who live near our pipeline system to discuss the elements included in PAP. However, meeting face-to-face has proven challenging given the COVID-19 pandemic, so in late 2020 Enbridge sent out an information package to Indigenous communities and local government in proximity to Enbridge's B.C. projects and operations.

### Watch the video!



As we are unable to meet in-person right now, we have put together a short video presentation that discusses our PAP. Check it out at [enbridge.com/BCPipelinePAP](https://enbridge.com/BCPipelinePAP)