

Inland Gas Upgrades (IGU) Project



October 5, 2020

About FortisBC

Area of operations



- A Canadian company that understands the unique needs of British Columbians.
- Indirectly, wholly owned by Fortis Inc., the largest investor-owned distribution utility in Canada.
- Delivers approximately 21% of the total energy consumed in BC
- Owns and operates approximately 49,000 km pipelines and approximately 7,260 km of electric power lines
- Provides energy to 135 communities, 57 Indigenous communities, more than 1 million customers in BC
- Energy infrastructure assets also include B.C.'s largest underground natural gas storage facility, two LNG storage facilities, and four hydroelectric generating plants.

Safety Reminder

Call Before You Dig



- Before you start excavating call BC One Call at 1-800-474-6886 or *6886 or click on bconecall.ca.
- Within two business days you will receive your natural gas line location details. Review before you dig.
- Call FortisBC at 1-888-822-655 if you have further questions.

What is 30BY30?

It is our target to reduce our customers' GHG emissions by **30%** overall by the year **2030**

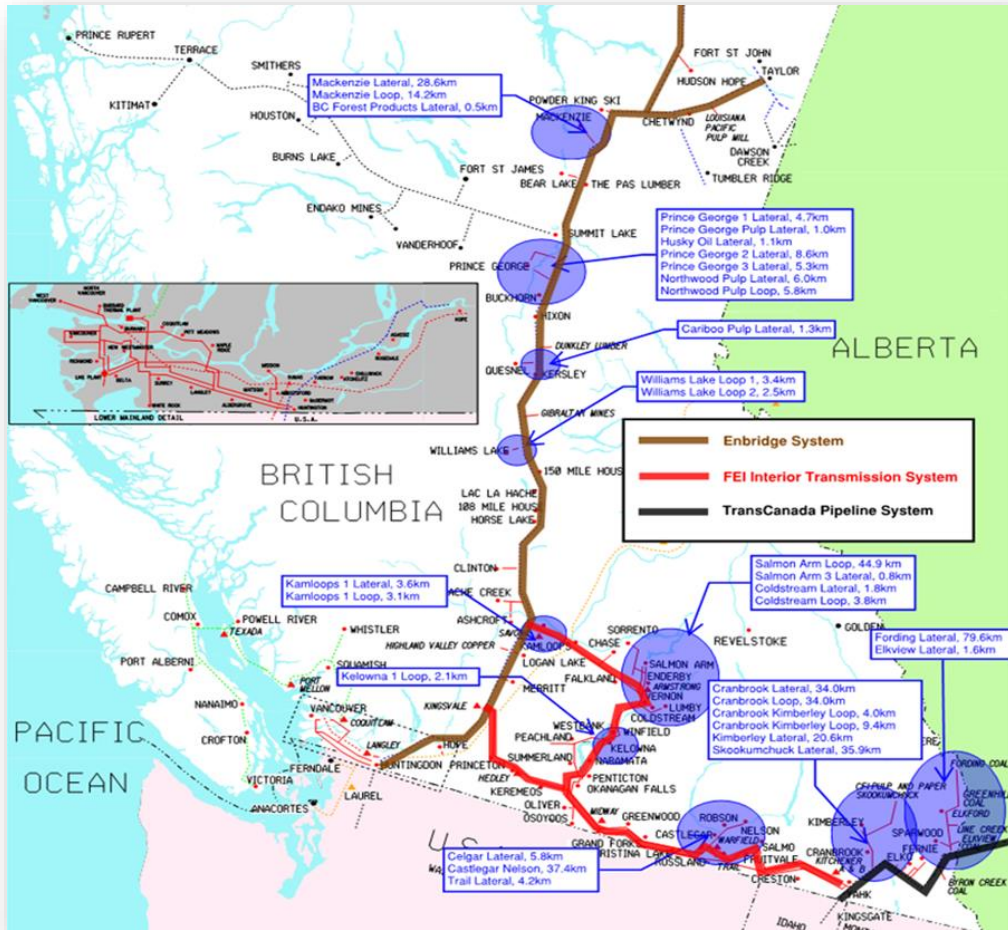


Inland Gas Upgrades (IGU) Project



Upgrading our natural gas system to ensure our customers continue to receive the safe, reliable natural gas they count on now, and in the future.

Project overview



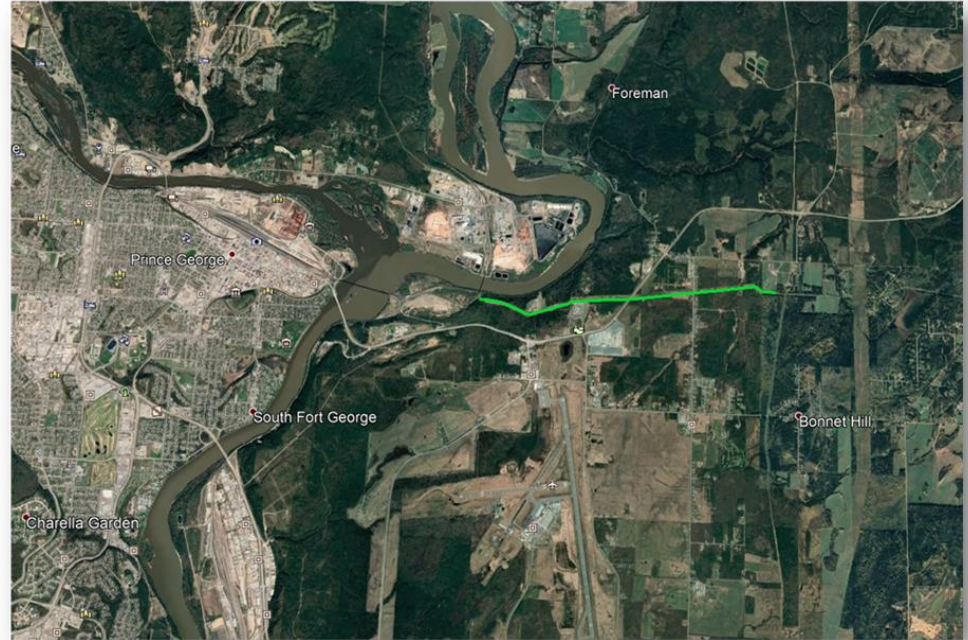
The Project comprises 29 laterals and three types of key upgrades to ensure ongoing system reliability:

- In-line Inspection (ILI)
- 11 Laterals, 311 km
- Pipeline Replacement (PLR)
- 4 Laterals, 9.3 km
- Pressure Regulating Station (PRS)
- 14 Laterals, 9 station sites

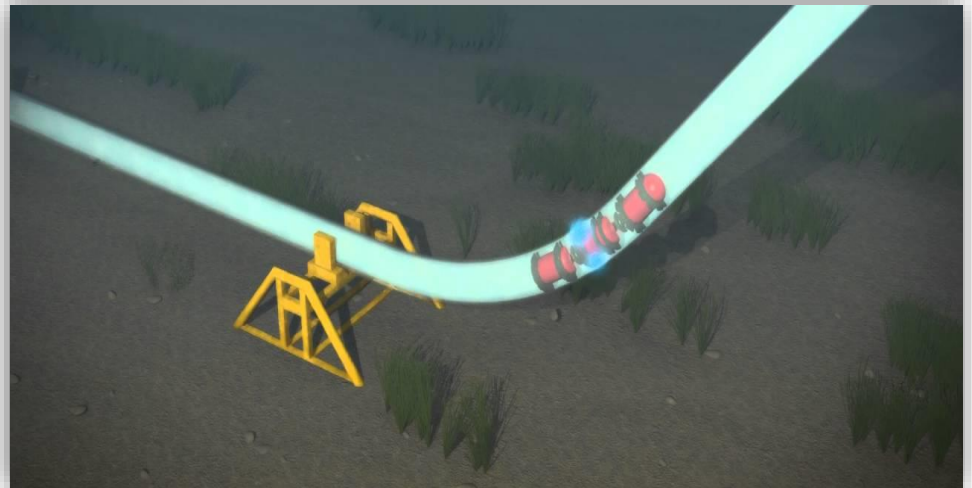
Prince George lateral

Scope Of Work

- Launcher & Receiver Assemblies
- One Main Line Valve Assemblies (MLVA) Replacements
- One Control Valve Assemblies (CVA)
- Four Stopples Upgrades
- Two Tee Replacements
- Potentially Six Bend Replacements (To Be Confirmed Once On Site)



What is in-line inspection (ILI)?



In-line inspection (ILI) modifications



Launcher and receiver barrels

A pig launcher



Pipeline excavations

- Stopple excavations 3x3 meters
- Valve replacements may be 30 meters by pipe width
- Largest excavations at bends may be 30x30 meters



Project sequencing

Pre-work and Site Clearing

- Indigenous Contractors and Local Businesses
- Prime Contractor



Construction

- General Contractor
- Prime Contractor



Construction Support

- Indigenous contractors and local businesses
- FortisBC directed Construction Management
- FortisBC directed Inspectors



Restoration

- Indigenous contractors and local businesses
- Prime Contractor

Project schedule

Milestone	Date
BCUC Approval	January 2020
Business to Business Forum	Spring 2021
Early Works / Pre-Construction Activities	June 2021
Construction Start	July 2021
Construction End	September 2021
Site Restoration	October 2021

Engaging local & Indigenous businesses

- FortisBC strives to have a workforce derived from Indigenous, local, British Columbian and Canadian workers.
- We are working hard to engage with local communities on the project
- Guided by our Statement of Indigenous Principles created in 2001



\$5.7 million in local contractor spending since January 2018

Looking forward

We're helping BC move towards a lower carbon energy future



Q & A

Thank You!

Inland Gas Upgrades Project

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