



North Montney Mainline Project Update

December 11, 2020

Peace River Regional District



Agenda

1. About TC Energy
2. North Montney Mainline Project – now in service
 - Project Scope / timelines
 - Successes and highlights
3. Additional NMML Facilities
 - Kobes Receipt Meter Station
 - Aitken Creek Receipt Meter Station
4. Proposed Project Work in the Peace River Regional District
 - Gundy West No 2 Receipt Meter Station
 - Old Alaska No 2 Receipt Meter Station
 - 2023 Groundbirch Mainline Loop (Saturn) and Saddle Hills Compressor Station Unit Addition
5. Safety
1. Contact Us

TC Energy Overview



One of North America's Largest Natural Gas Pipeline Networks

- Operate 91,900 km (57,100 miles) of pipelines
- Transport ~25 per cent of continental demand
- Over 650 Bcf of gas storage capacity

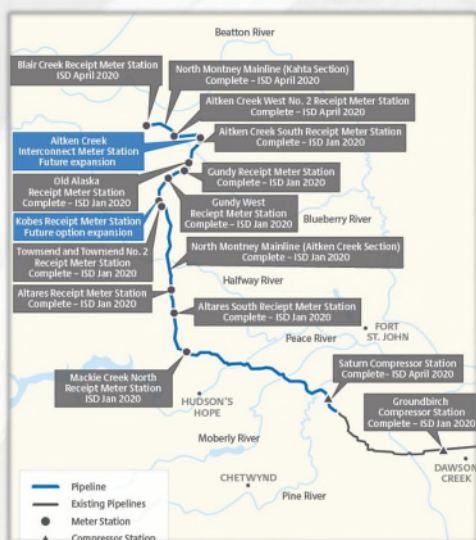
One of Canada's Largest Private Sector Power Generators

- 11 power facilities, approximately 6,600 MW
- Diversified portfolio, including wind, nuclear and natural gas

Premier Liquids Pipeline System

- 4,900 km (3,000 miles)
- Keystone: Long-term contracts to ship 555,000 bbl/d
- Safely delivered more than 1.6 billion barrels of Canadian oil to U.S. markets since 2010

North Montney Mainline Project – Now in Service



Located in British Columbia's Peace River Regional District, the NMML will continue to provide the critical natural gas transmission infrastructure required to connect natural gas producers and downstream markets throughout Canada and the United States, generating jobs and tax revenues for hospitals, schools and more in some of B.C.'s more remote communities.

Key features:

- 206 kilometres of 42 inch pipeline
- 2 compressor stations
- 11 meter stations
- Construction completed by three Prime Contractors
 - Surerus Murphy Joint Venture
 - Macro
 - Bannister

History and Key Milestones

2011	Began landowner, Indigenous, and stakeholder engagement
Q3 2015	Received Project approval from the NEB
Q1/Q2 2017	Filed variance application and meter station applications with the NEB
Q3 2018	Subject to regulatory approval, commence construction activities
Q3 2019	Groundbirch Compressor Station went into service
Q1 2020	Aikten Creek Section was placed into service
Q2 2020	Kahta Section and Saturn Compressor Station were placed into service
Q4 2020	Kobes Receipt Meter Station construction



Supporting Local Communities

- Community investment dollars invested in the PRRD: \$ 75,500
- Over **2 million** working hours incident free – committed to our number one value at TC Energy; **Safety**



Safety has to be a guiding principle of how we operate this company and every employee and contractor has to go home from work safe, every day.”

Russ Girling
President and CEO

Project Construction in Action



Project Construction in Action



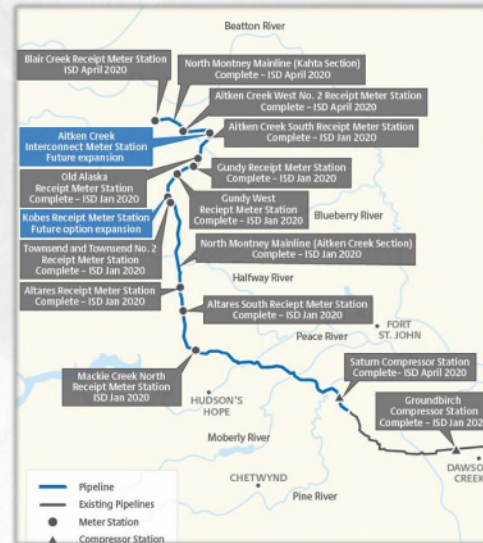
Additional North Montney Mainline Facilities

Kobes Receipt Meter Station

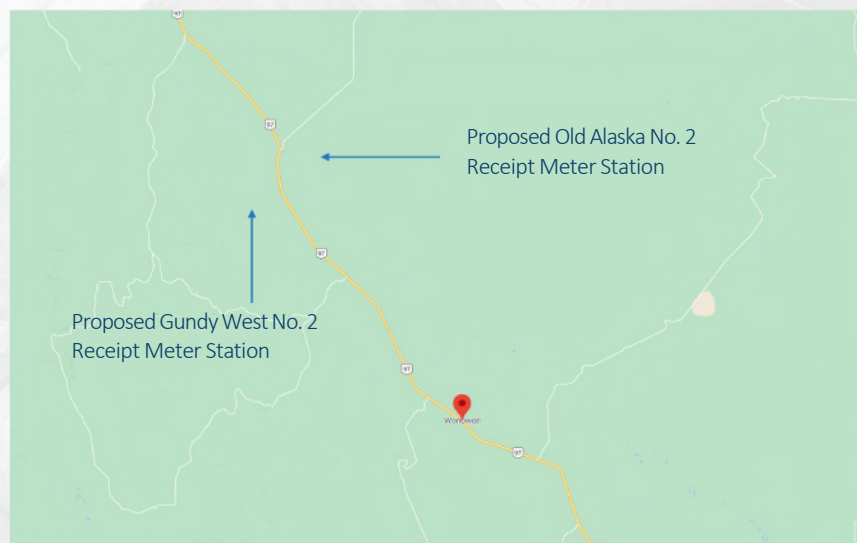
- Construction started the third week of November 2020
- Anticipated in-service date of April 2021
- Prime Contractor: Clearstream
- Leveraging local accommodations in the Peace region

Aitken Interconnect

- Bi-directional storage meter station connecting the Aitken Creek pipeline section to the Aitken Creek Storage Facility for commercial storage operation
- Anticipated construction to start April 2021
- Anticipated in-service date of July 2021



Proposed Projects Upcoming in the Peace River Regional District



Proposed Projects Upcoming in the Peace River Regional District

Proposed Groundbirch Mainline Loop (Saturn Section) and Saddle Hills Compressor Station Unit Addition



- 23 kilometers of 42 inch diameter pipe
- Starts at the existing Saturn No. 2 Receipt Meter Station, heading south to tie into a future valve site, west of Dawson Creek

Q4 2019	Engagement Start
Q1 2020	Project Notification
Q2 2020	Section 214 CER Application
Q3 2021	Construction Start
Q4 2022	In Service Date

Proposed Projects Upcoming in the Peace River Regional District

Proposed Groundbirch Mainline Loop (Saturn Section) and Saddle Hills Compressor Station Unit Addition



- 30MW compressor unit addition to existing Saddle Hills Compressor Station
- Located in Saddle Hills County, Alberta approx. 60 kilometers east of Dawson Creek

Q4 2019	Engagement Start
Q1 2020	Project Notification
Q4 2020	Section 214 CER Application
Q3 2021	Commence Early Works
Q2 2022	Construction Start
Q2 2023	In-service Date



A Culture of Safety

- A 65-year history of building and operating pipelines safely
- We continue to follow Health Authority direction on protecting worksites and our essential workers:
 - Staggering shifts to reduce group interactions;
 - Mandatory face mask coverings when required by the local public health authority or when physical distancing cannot be achieved;
 - Training and communications program to support awareness, personal hygiene and fit-for-work/sick policies;
 - Continued use of PPE as part of our ongoing health and safety job site program;
 - Enhanced cleaning of facilities and personal hygiene practices, and
 - Increasing medical staff to support immediate healthcare for workers

Keeping in Contact

For any inquiries you might have after this presentation, please contact our Public Affairs team:

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For more information about the North Montney Mainline –
<https://www.tcenergy.com/operations/natural-gas/north-montney-mainline/>

For more information about the Proposed Groundbirch Mainline Loop (Saturn) and Saddle Hills Unit Addition –
<https://www.tcenergy.com/operations/natural-gas/groundbirch-mainline-loop-saturn-section/>