



NGTL System and Foothills Pipelines Ltd.

CUSTOMER OPERATIONS MEETING

FOR INFORMATIONAL PURPOSES ONLY



08/07/2025

Forward Looking Information

- ❖ This presentation includes certain forward-looking information. Statements that are forward-looking are based on certain assumptions and on what we know and expect today and generally include words like anticipate, expect, believe, may, will, should, estimate or other similar words.
- ❖ The information provided is for informational purposes only and is not to be relied upon for any other purpose whatsoever. The information is based upon certain assumptions that may or may not be accurate and therefore is subject to various risks and uncertainties. TC Energy shall not be liable for damages sustained as a result of any use or reliance on such information.
- ❖ The outages listed in this presentation are not an exhaustive list. Outage date, duration, and impact may be subject to change. Refer to the Daily Operating Plan ([DOP](#)) for all planned outages with potential service impact.

No
impact to FT

Refers to outage periods where FT impact is not expected

Potential
impact to FT

Refers to outage periods where there is potential of FT impact

Partial
impact to FT

Refers to outage periods where FT impact is expected

Important Notes



Outage information in this presentation may not be accurate beyond August 7, 2025



For current outage and capability information, please refer to the most recent Daily Operating Plan ([DOP](#)), the [Dashboard](#) and [bulletins](#)



This meeting covers broad operational and project-related topics that impact operations on the NGTL and Foothills systems. For information on focused Commercial, Operational and Regulatory topics, please contact your [Marketing Representative](#)

Agenda

1. Project Updates
2. Review of Previous Month's Operations
3. NPS 36 Grande Prairie ML Incident Update
4. 2025 Operational Outlook



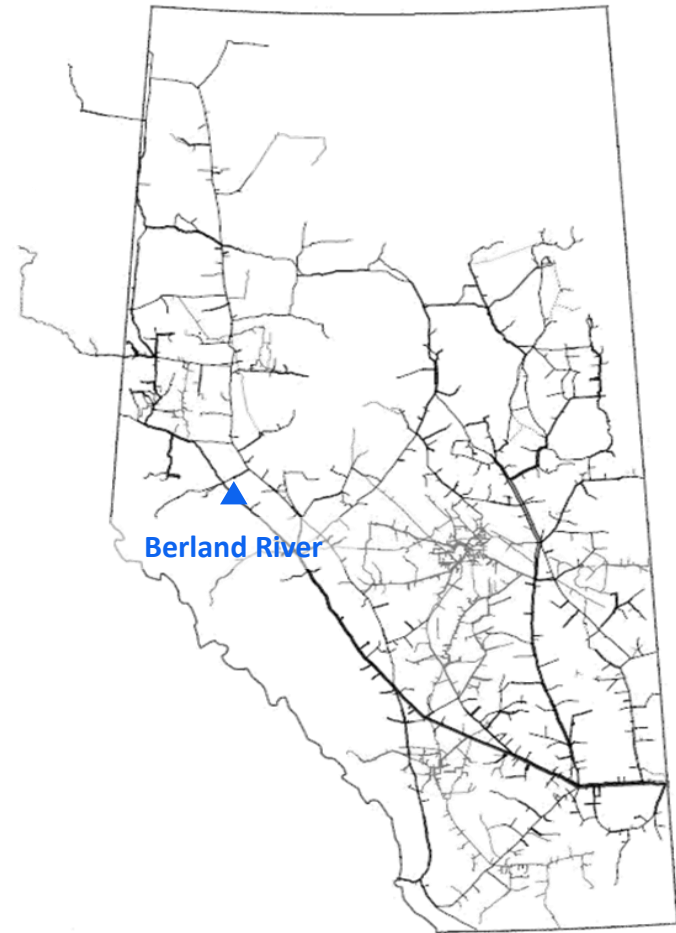
08/07/2025

Project Updates

FOR INFORMATIONAL PURPOSES ONLY



Berland River Compressor Station Project



AUC Hearing scheduled
Sept 8th – 12th, 2025

Project Details

- 30 MW electric compressor addition
- Part of Valhalla North Berland River Project
 - Approved by the CER in December 2023
 - Facilitates ~400mmcf/d of incremental throughput
- Original Target In-Service Date: April 2026
- Must be in service to realize capacity benefits from subsequent projects

- Delay to unit in-service due to delay in AUC Decision for electrical lines to supply power to the unit.
 - Bulletin issued April 29, 2025 informing customers of delay to in-service
 - Expect an AUC Decision January 2026
 - Q1 2027 In Service Date expected as a result
 - Further delay in approval may impact April 2027 contract declarations
 - If approval not received, will impact Multi Year Growth Program contract declarations
- Regulatory filing submitted by NGTL at the end of May along with 23 letters of support for the project from stakeholders
- Two additional Statements of Intent to Participate by stakeholders submitted and accepted by the AUC
- NGTL continues to review opportunities to expedite In Service Date

Review of Previous Month's Operations

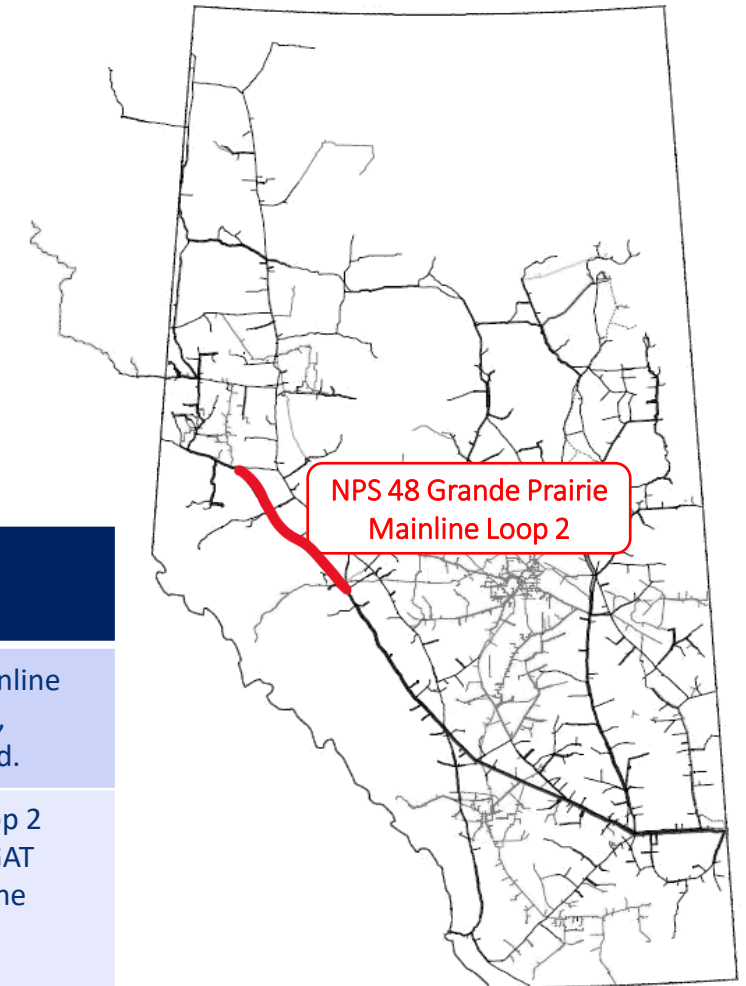
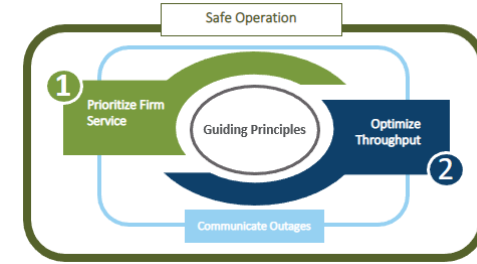


NPS 48 Grande Prairie Mainline Loop 2 – Pipeline Maintenance

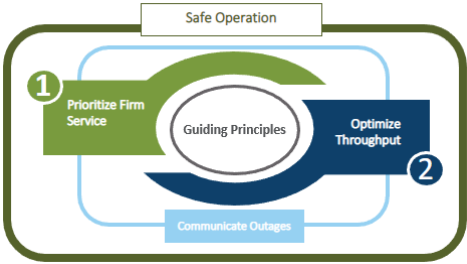
Background:

- Planned:
 - NPS 48 Grande Prairie Mainline Loop 2 Pipeline Maintenance: July 24 – July 27
- Capability communicated in DOP:
 - USJR: 351 10⁶m³/d
 - EGAT: 142 10⁶m³/d
- Service Allowable:
 - Upstream James River: 0% IT-R, 100% FT-R
 - Lower EGAT: 0% IT-D, 100% FT-D

Bulletin Date	Effective Date	Service Allowable	Comments
July 21	July 24 (08:00 MST)	USJR: 0% IT-R, 100% FT-R Lower EGAT: 0% IT-D, 100% FT-D	Planned NPS 48 Grande Prairie Mainline Loop 2 Pipeline Maintenance starts, service authorization levels adjusted.
July 24	July 28 (08:00 MST)	USJR 100% IT-R, 100% FT-R Lower EGAT: Partial IT-D, 100% FT-D	NPS 48 Grande Prairie Mainline Loop 2 Pipeline Maintenance complete. EGAT service authorization adjusted for the ongoing NPS 42 Foothills Zone 6&9 Maintenance



NPS 48 Grande Prairie Mainline Loop 2 – Broad Area Restriction



How do I know if an outage will follow the Broad Area Assessment Process?

- Outages in the USJR table will also be included in the EGAT/WGAT tables to signal Broad Area Assessment Process is applicable

Receipt - Upstream James River

Base Operational Capability: 377,000 10³m³/day
From Jul 01, 2025 to Jul 31, 2025

Heat Value
40.5 GJ/10³m³

19700939

Duration	Start	End	Impact	Outage Capability	Local Area Impact	Local Area Outage Capability	Typical Flow	Outage Description	Service Allowable Location/Area
4 days	Jul 24, 2025	Jul 27, 2025	26,000 10³m³/day	351,000 10³m³/day	N/A	N/A 10³m³/day	355,000-385,000 10³m³/day	NPS 48 Grande Prairie Mainline Loop 2 - Pipeline Maintenance	Potential impact to FT-R USJR

Potential Impact

Delivery - East Gate

Base Operational Capability: 160,000 10³m³/day
From Jul 01, 2025 to Jul 31, 2025

Heat Value
38.5 GJ/10³m³

19700939

Duration	Start	End	Impact	Outage Capability	Outage Description	Service Allowable Location/Area
4 days	Jul 24, 2025	Jul 27, 2025	18,000 10³m³/day	142,000 10³m³/day	NPS 48 Grande Prairie Mainline Loop 2 - Pipeline Maintenance	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, partial 21, 23, 24, partial 28

Delivery - West Gate

Base Operational Capability: 89,000 10³m³/day
From Jul 01, 2025 to Jul 31, 2025

Heat Value
38.5 GJ/10³m³

19700939

Duration	Start	End	Impact	Outage Capability	Outage Description	Service Allowable Location/Area
4 days	Jul 24, 2025	Jul 27, 2025	2,000 10³m³/day	87,000 10³m³/day	NPS 48 Grande Prairie Mainline Loop 2 - Pipeline Maintenance	No impact to FT-D anticipated Alberta/BC and Alberta/Montana Borders Segments 22 and partial 21

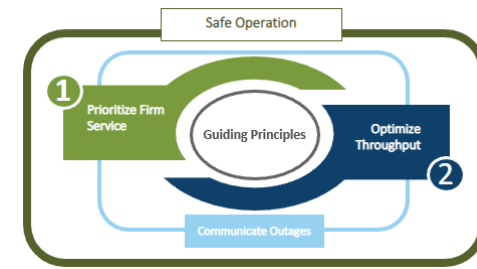
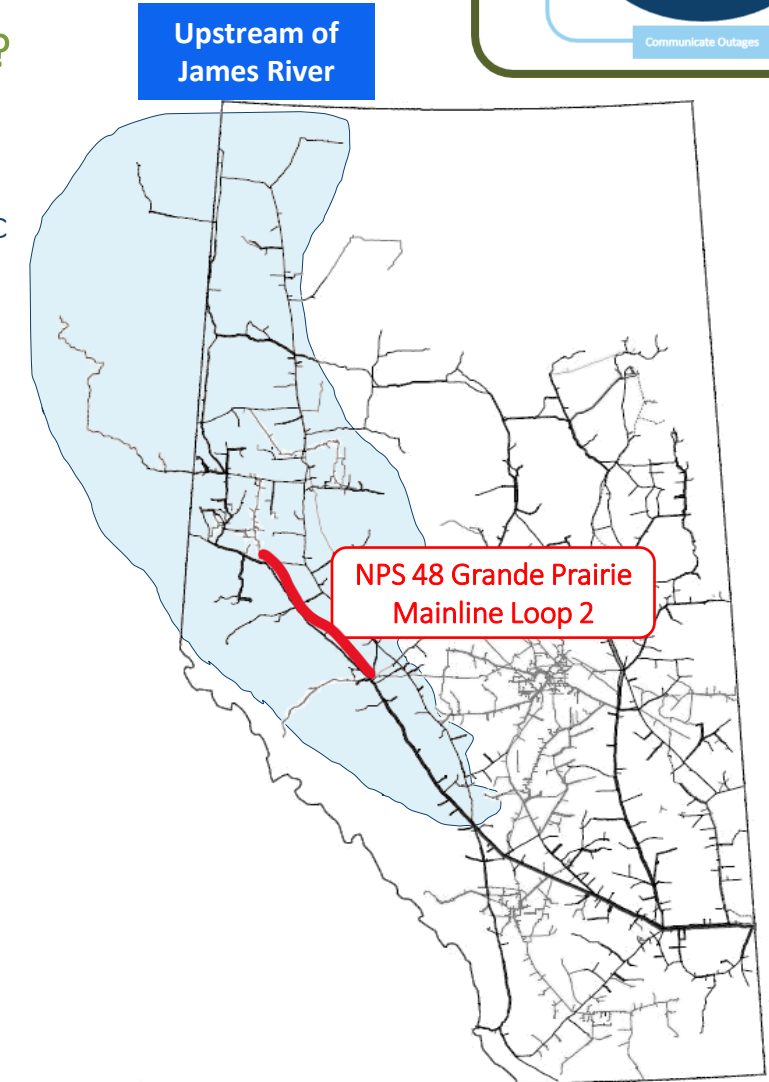
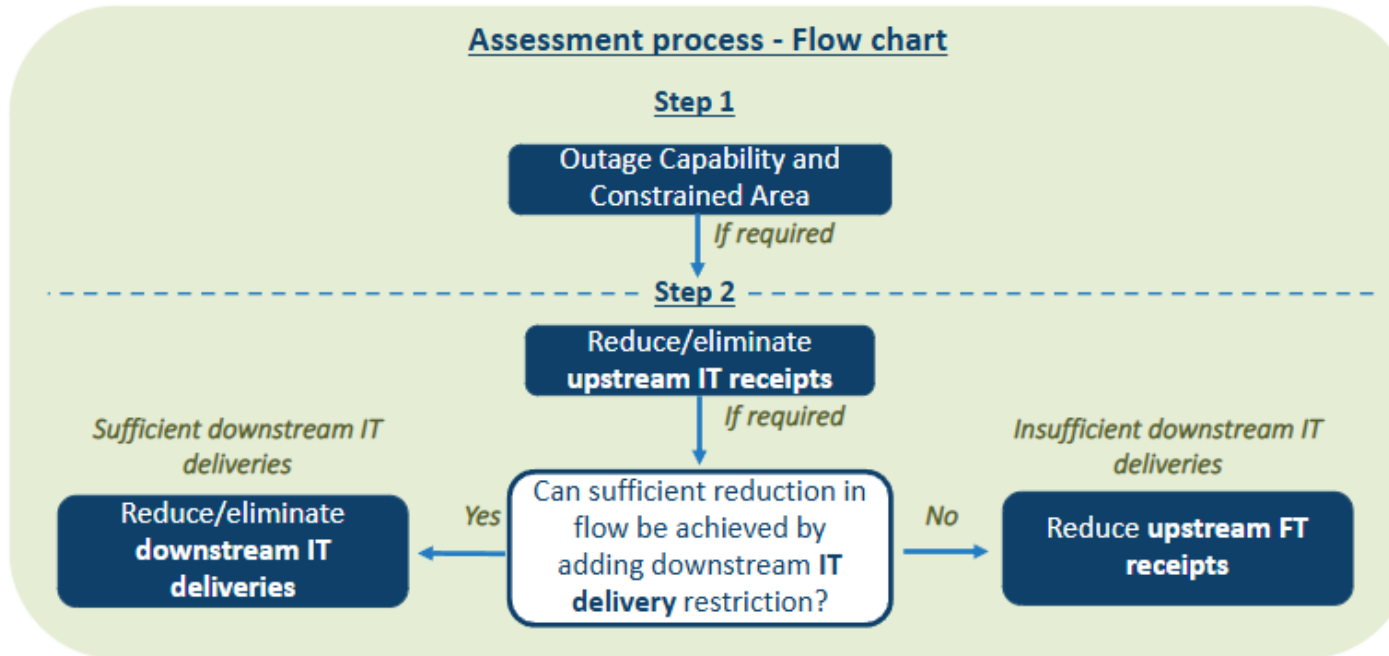


NPS 48 Grande Prairie Mainline Loop 2 – Broad Area Restriction

What steps are taken when completing the broad area assessment process?

Step 1 - Outage Assessment

- Upstream of James River constrained area was determined based on hydraulic analysis
- Service Authorization change was required as flow is expected to exceed capability in the constrained area

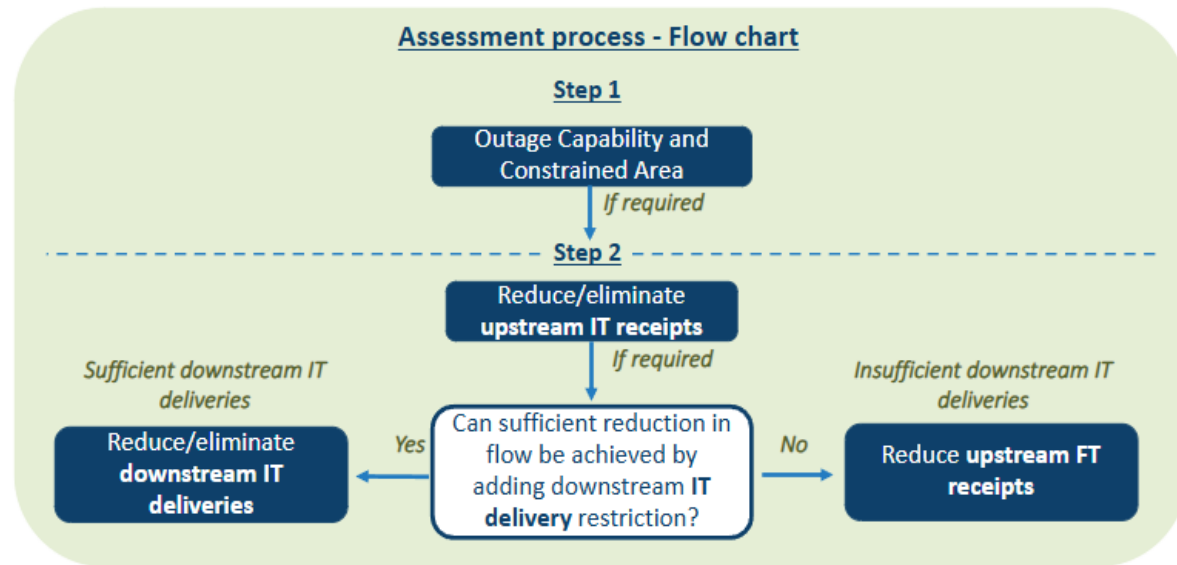


NPS 48 Grande Prairie Mainline Loop 2 – Broad Area Restriction

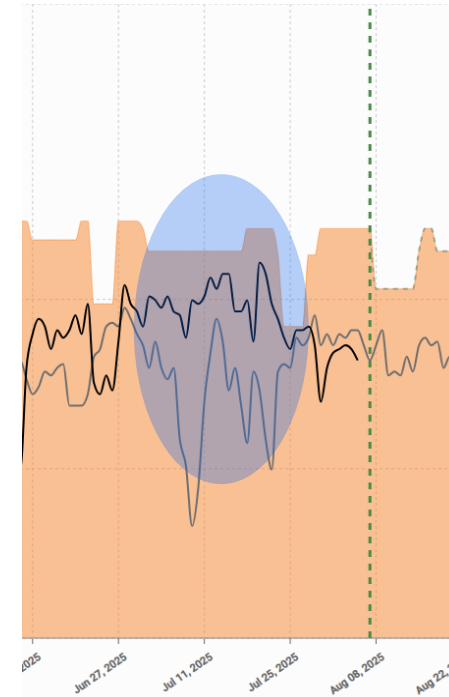
Why was IT-D eliminated for the NPS 48 Grande Prairie Mainline Loop 2?

Step 2 – Restriction assessment process

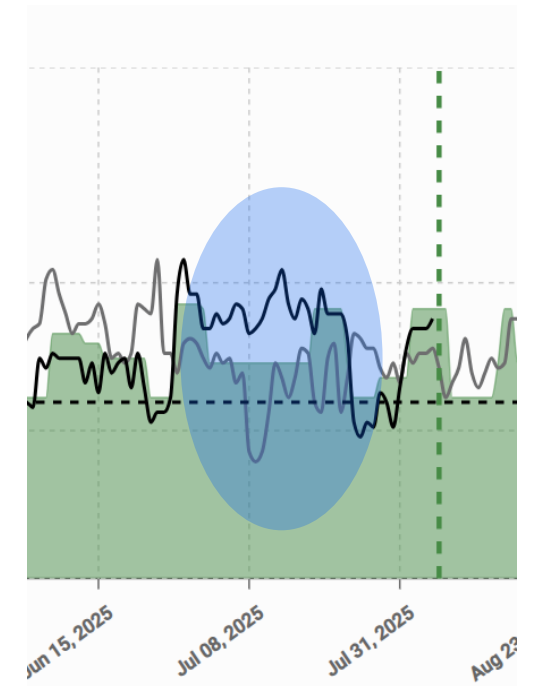
- As system authorization was 100% IT-R prior to the outage; limit IT-R to 0% for the constrained area (Upstream James River)
- There was sufficient IT-D downstream of the bottleneck; IT-D adjusted to 0% for Lower EGAT area.



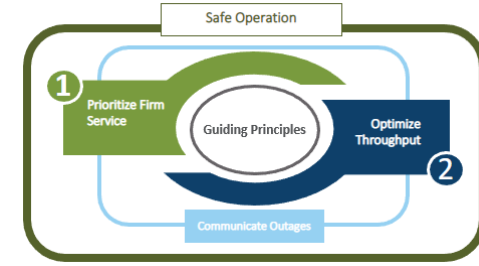
USJR DOP Chart



EGAT DOP Chart



USJR flow trending above the outage capability and sufficient amount of downstream IT-D to allow NGTL to manage flows through the bottleneck

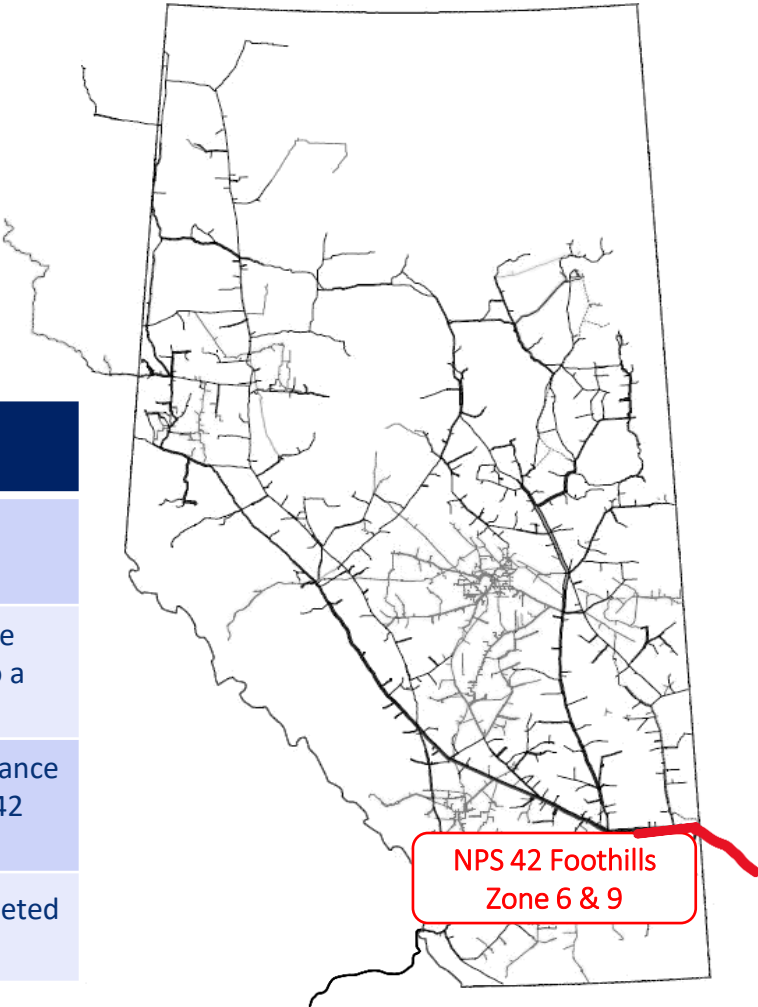
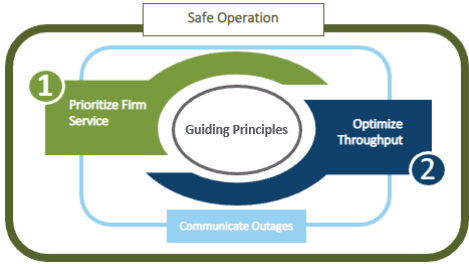


NPS 42 Foothills Zone 6 & 9 – Pipeline Maintenance

Background:

- Planned:
 - NPS 42 Foothills Zone 6 & 9 Pipeline Maintenance: July 25 – August 2
- Capability communicated in DOP:
 - EGAT: 146 10⁶m³/d
- Service Allowable:
 - EGAT: Partial IT-D, 100% FT-D

Bulletin Date	Effective Date	Service Allowable	Comments
July 15	July 18 (08:00 MST)	Partial IT-D, 100% FT-D	Planned NPS 42 Foothills Zone 6 & 9 Pipeline Maintenance was expected to begin
July 17	July 18 (08:00 MST)	100% IT-D, 100% FT-D	Due to unforeseen delays related to environmental factors outside NGTL's control, the NPS 42 Foothills Zone 6 & 9 was postponed to a later date
July 21	July 28 (08:00 MST)	Partial IT-D, 100% FT-D	Planned NPS 48 Grande Prairie Mainline Loop 2 Pipeline Maintenance ends, EGAT service authorization adjusted with the ongoing NPS 42 Foothills Zone 6 & 9 Pipeline Maintenance.
July 31	Aug 1 (08:00 MST)	100% IT-D, 100% FT-D	Planned NPS 42 Foothills Zone 6 & 9 Pipeline Maintenance completed ahead of schedule.



NPS 36 Grande Prairie ML Incident Update

FOR INFORMATIONAL PURPOSES ONLY



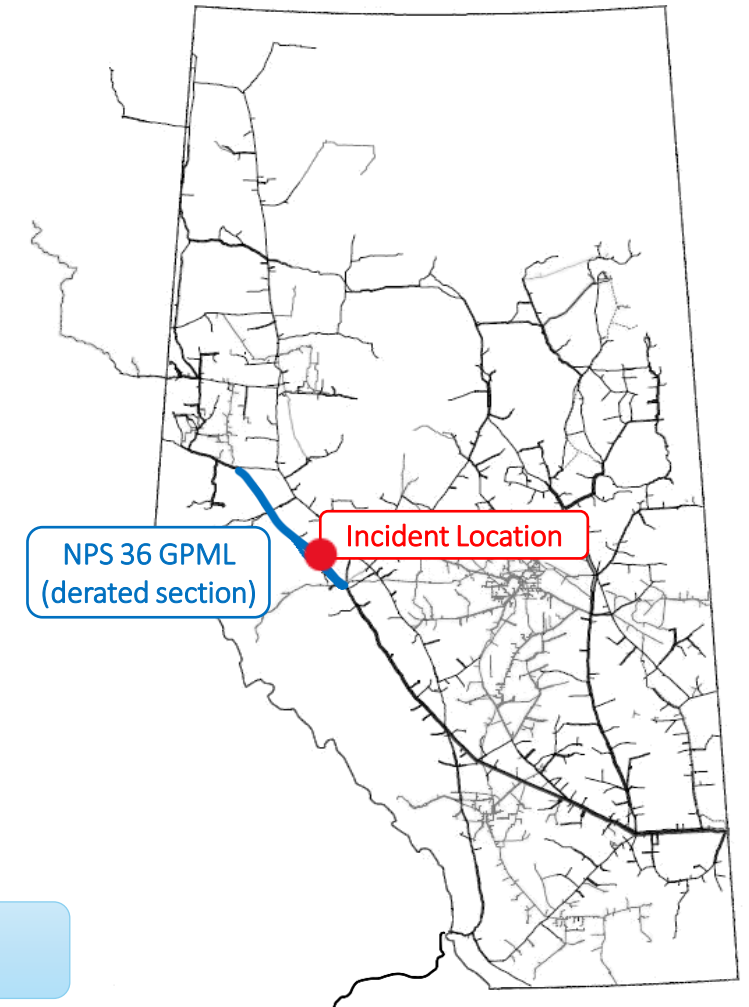
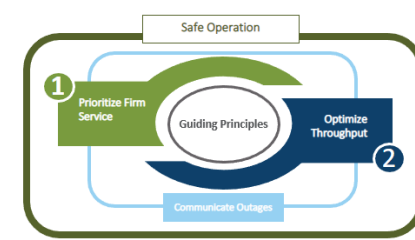
NPS 36 Grande Prairie Mainline (Yellowhead) Incident Update

No update since the June 26, 2025 meeting

Base and outage capabilities in the DOP Charts continue to assume pressure derates remain in place until October 31, 2025.

- June 2024: Inline Inspection completed
- November 2024: Formal report from vendor received
- Q1/Q2 2025:
 - Investigative digs/repairs/testing
 - Reconciliation of data and results with Inline Inspection vendors and experts
- June 23, 2025: DOP updated with assumption that GPML derate is extended to October 31, 2025. This date reflects the best available information at this time.
- Looking ahead:
 - The development of our restoration plan is progressing and we continue to work closely and transparently with the CER.
 - Full return to service has multiple pathways which could include a step change or gradual return to service and additional field verification activities
 - We will continue to communicate impactful information as soon as possible as we work to safely restore the pipeline to full service

Safe return to service remains our top priority

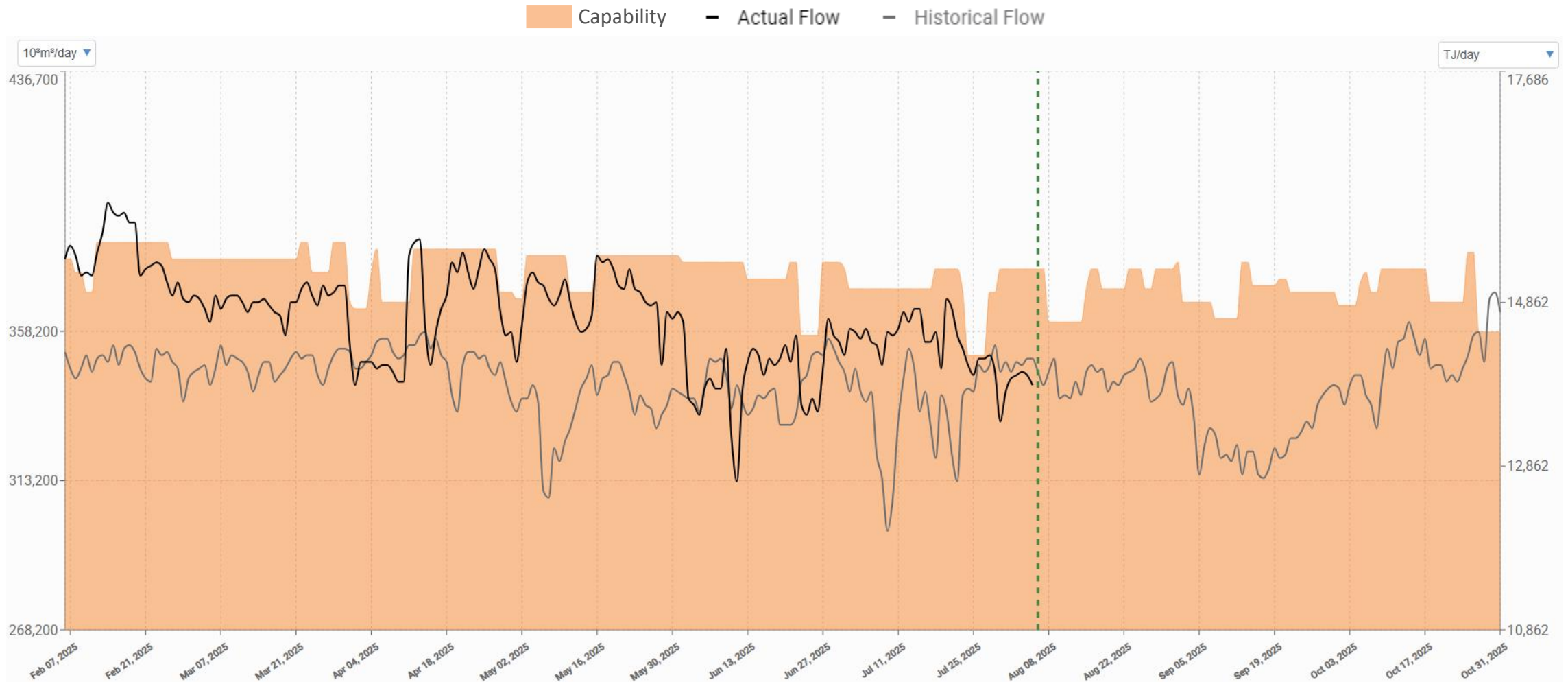


2025 Operational Outlook

(From DOP as of Wednesday, August 6)



Upstream James River



Facility Assumptions:

- NPS 36 GPML pressure derates reported in place until October 31, 2025

May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Upstream James River Receipt Area (USJR)

No
impact to FT

Potential
impact to FT

Partial
impact to FT

Outage Description	Start	End	USJR Outage Capability (10 ⁶ m ³ /d)	USJR Impact (10 ⁶ m ³ /d)	Area Outage Capability (10 ⁶ m ³ /d)	Outage Area Typical Flows (10 ⁶ m ³ /d)	Service Allowable Location/Area
NPS 42 Grande Prairie Mainline Loop – Pipeline Maintenance	8-Aug-25	14-Aug-25	361	16	N/A	355-385	Potential impact to FT-R USJR
Knight – Compressor Station Maintenance	11-Aug-25	15-Aug-25	371	6	N/A	355-385	Potential impact to FT-R USJR
Goodfish A1 – Compressor Station Maintenance	18-Aug-25	22-Aug-25	371	6	228	215-250	Potential impact to FT-R USJR U/S Latornell
Alces River – Compressor Station Maintenance	18-Aug-25	22-Aug-25	371	6	228	215-250	Potential impact to FT-R USJR U/S Latornell
Goodfish A2 – Compressor Station Maintenance	26-Aug-25	27-Aug-25	371	6	228	215-250	Potential impact to FT-R USJR U/S Latornell
Swartz Creek – Compressor Station Maintenance	2-Sep-25	8-Sep-25	367	12	N/A	355-385	Potential impact to FT-R USJR
Meikle River C – Compressor Station Maintenance	8-Sep-25	12-Sep-25	362	17	220	215-250	Potential impact to FT-R USJR U/S Latornell
Gold Creek B3 – Compressor Station Maintenance	15-Sep-25	19-Sep-25	372	7	234	220-255	Potential impact to FT-R USJR U/S Berland River
Wolf Lake A#2 – Compressor Station Maintenance	15-Sep-25	17-Oct-25	374	5	N/A	355-385	Potential impact to FT-R USJR
Latornell A2 – Compressor Station Maintenance	22-Sep-25	5-Oct-25	370	9	232	220-255	Potential impact to FT-R USJR U/S Berland River

Note: The outages located in the USJR area above show up in the WGAT/EGAT table in [DOP](#) to indicate a **broad area restriction** could be applied to reduce flows through the bottleneck

Facility Assumptions:

- NPS 36 GPML pressure derates reported in place until October 31, 2025

May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Upstream James River Receipt Area (USJR)

No
impact to FT

Potential
impact to FT

Partial
impact to FT

Outage Description	Start	End	USJR Outage Capability (10 ⁶ m ³ /d)	USJR Impact (10 ⁶ m ³ /d)	Area Outage Capability (10 ⁶ m ³ /d)	Outage Area Typical Flows (10 ⁶ m ³ /d)	Service Allowable Location/Area
Nordegg B – Compressor Station Maintenance	1-Oct-25	4-Oct-25	366	16	N/A	355-385	Potential impact to FT-R USJR
Leismer East – Compressor Station Maintenance	1-Oct-25	7-Oct-25	376	6	231	215-250	Potential impact to FT-R USJR U/S Latornell
Hidden Lake North B2 – Compressor Station Maintenance	7-Oct-25	8-Oct-25	370	12	225	215-250	Potential impact to FT-R USJR U/S Latornell
Otter Lake – Compressor Station Maintenance	18-Oct-25	24-Oct-25	367	15	222	215-250	Potential impact to FT-R USJR U/S Latornell
Meikle River D5 – Compressor Station Maintenance	27-Oct-25	31-Oct-25	358	19	218	215-250	Potential impact to FT-R USJR U/S Latornell

Note: The outages located in the USJR area above show up in the WGAT/EGAT table in [DOP](#) to indicate a **broad area restriction** could be applied to reduce flows through the bottleneck

Facility Assumptions:

- NPS 36 GPML pressure derates reported in place until October 31, 2025

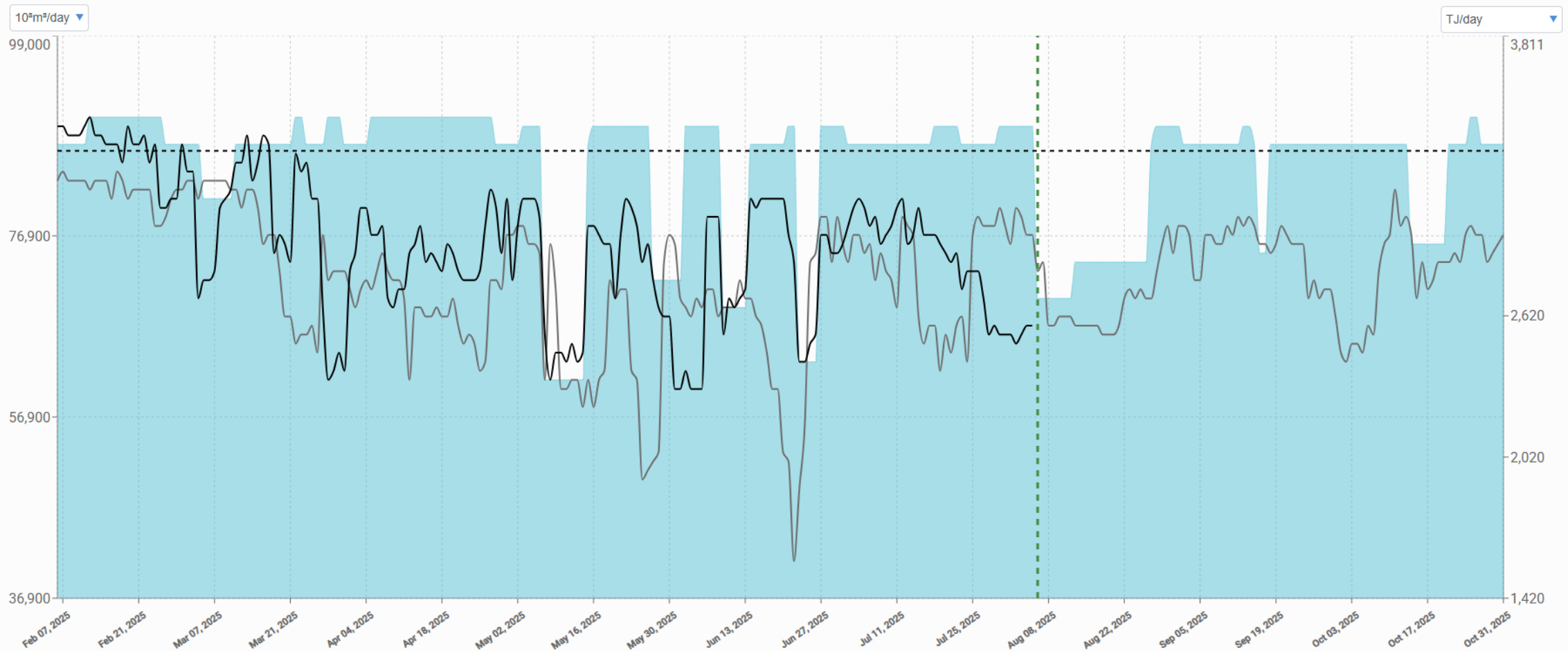
May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Alberta-B.C. Border

(includes both NGTL and Foothills BC outages)

■ Capability — Actual Flow — Historical Flow - - - Contracts



May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



West Gate Delivery Area (WGAT)

No
impact to FT

Potential
impact to FT

Partial
impact to FT

Outage Description	Start	End	Capability (10 ⁶ m ³ /d)	Impact (10 ⁶ m ³ /d)	Service Allowable Location/Area
Elko – Compressor Station Maintenance	6-Aug-25	26-Aug-25	74	15	Potential Impact to FT Foothills BC
NPS 42 WAS Mainline Loop – Pipeline Maintenance	6-Aug-12	12-Aug-25	70	19	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders Segment 22 and Partial 21
Burton Creek A3 – Compressor Station Maintenance	16-Sep-25	17-Sep-25	75	14	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Turner Valley A1 & A2 – Compressor Station Maintenance	14-Oct-25	20-Oct-25	76	14	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders

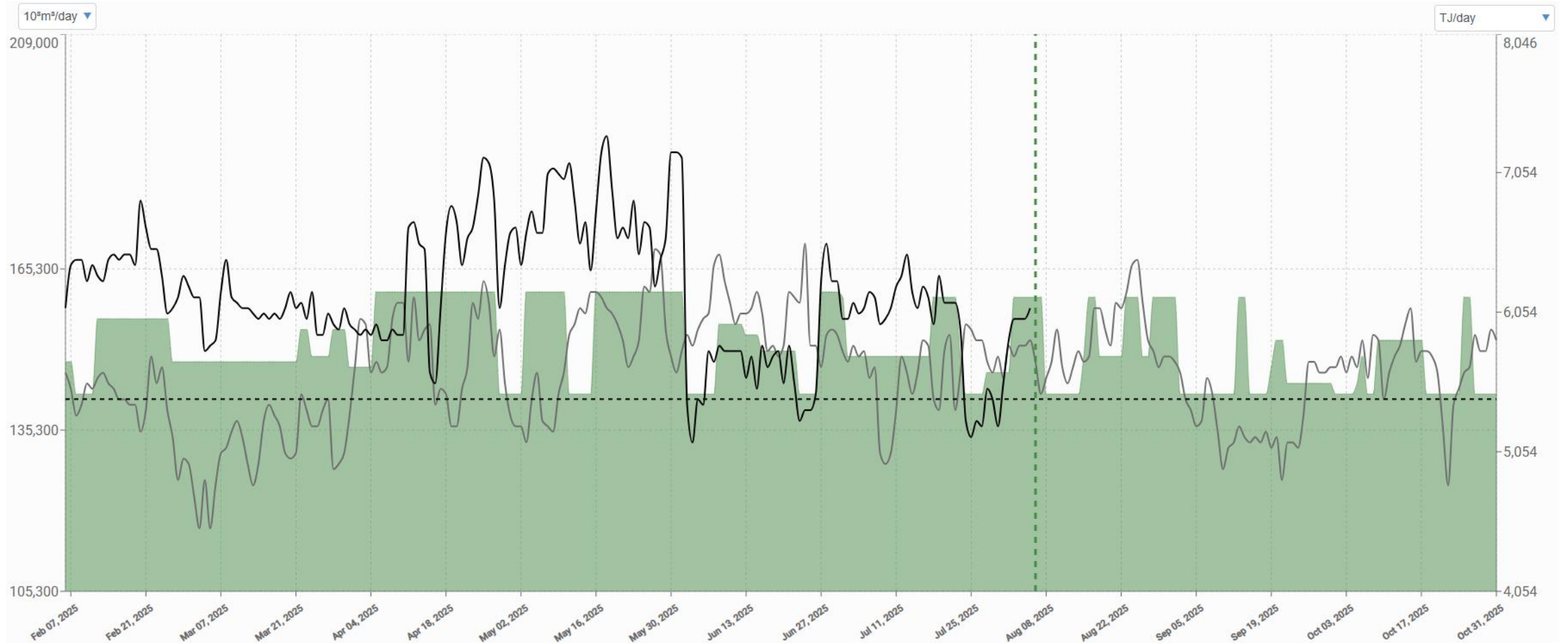
Note: Outages located in the USJR area show up in the WGAT table in [DOP](#) to indicate a **broad area restriction** could be applied to reduce flows through the bottleneck. These outages are not included on this slide to avoid duplication. Please refer to the [DOP](#) on TC Customer Express for the latest information.

May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



East Gate

■ Capability — Actual Flow — Historical Flow - - Contracts



May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



East Gate Delivery Area (EGAT)

No
impact to FT

Potential
impact to FT

Partial
impact to FT

Outage Description	Start	End	Capability (10 ⁶ m ³ /d)	Impact (10 ⁶ m ³ /d)	Service Allowable Location/Area
NPS 42 Foothills Zone 6 – Pipeline Maintenance	15-Sep-25	18-Sep-25	142	18	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Schrader Creek East – Compressor Station Maintenance	15-Sep-25	24-Sep-25	154	6	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Beiseker B3 – Compressor Station Maintenance	06-Oct-25	12-Oct-25	156	4	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28

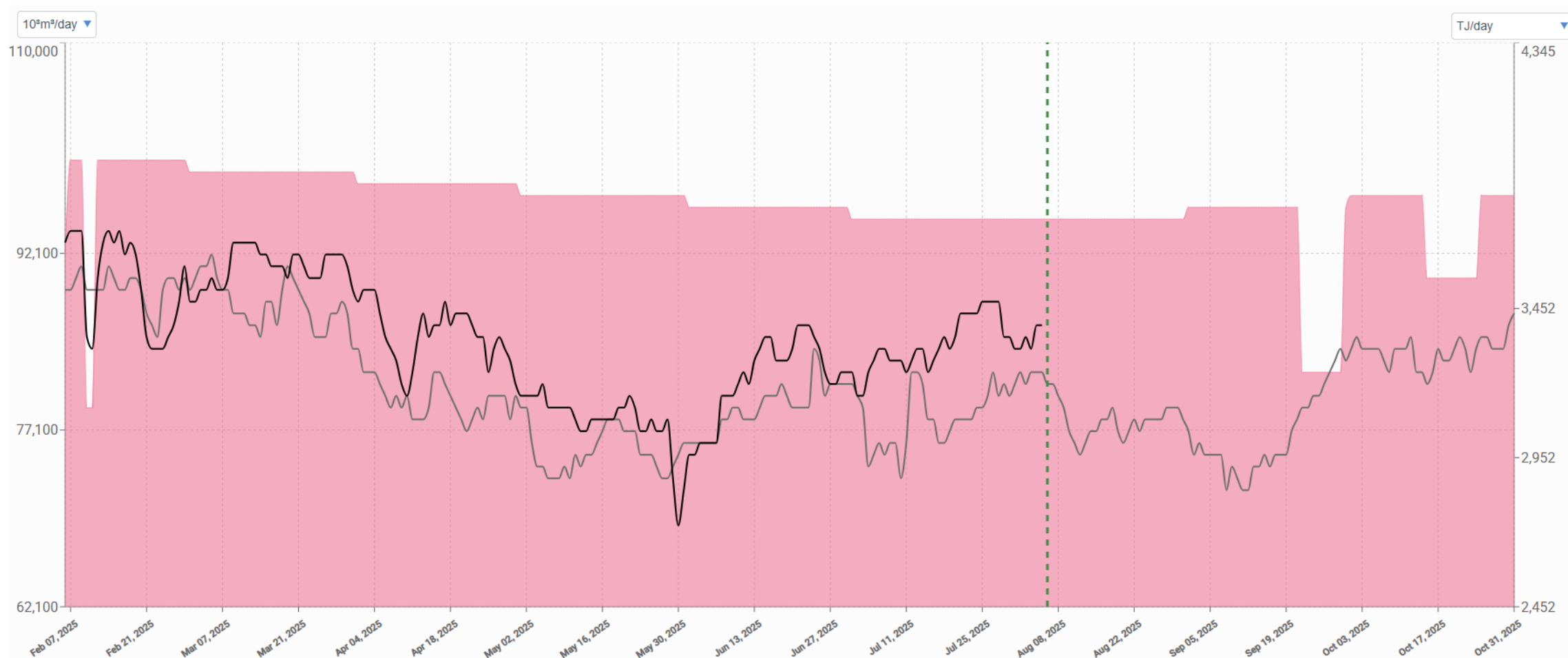
Note: Outages located in the USJR area show up in the EGAT table in [DOP](#) to indicate a **broad area restriction** could be applied to reduce flows through the bottleneck. These outages are not included on this slide to avoid duplication. Please refer to the [DOP](#) on TC Customer Express for the latest information.

May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Oil Sands Delivery Area

■ Capability - Actual Flow - Historical Flow



May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Northeast Delivery Area (NEDA)

Oilsands Delivery Area (OSDA)

No impact to FT

Potential impact to FT

Partial impact to FT

Outage Description	Start	End	OSDA Capability (10 ⁶ m ³ /d)	NEDA Capability (10 ⁶ m ³ /d)	Impact (10 ⁶ m ³ /d)	Service Allowable Location/Area
NPS 24/30 North Lateral Loop 2 – Pipeline Maintenance	22-Sep-25	29-Sep-25	82	-	14	Potential impact to FT-D Segments 11, 14, 15, 16, and partial 28 Local Capability: 50 10 ⁶ m ³ /d Typical Flow: 62 10 ⁶ m ³ /d
NPS 12 Leming Lake Lateral – Pipeline Modifications	15-Oct-25	24-Oct-25	90	-	7	Potential impact to FT-D Segments 14 and partial 11 Local Capability: 18 10 ⁶ m ³ /d Typical Flow: 22 10 ⁶ m ³ /d

Note: These outages have been included in the OSDA table for the purposes of the [DOP](#), even though their area of impact is expected to be slightly different than the standard OSDA definition

May not be accurate beyond August 6. Please refer to the [DOP](#) on TC Customer Express for current outage information.



CONTACTS



MARKETING REPS

[Customer Express Contacts
\(tccustomerexpress.com\)](https://tccustomerexpress.com)

MINH BADAU

Chair, NGTL/FH Customer Ops

403.920.5804

minh_badau@tcenergy.com



Additional Resources

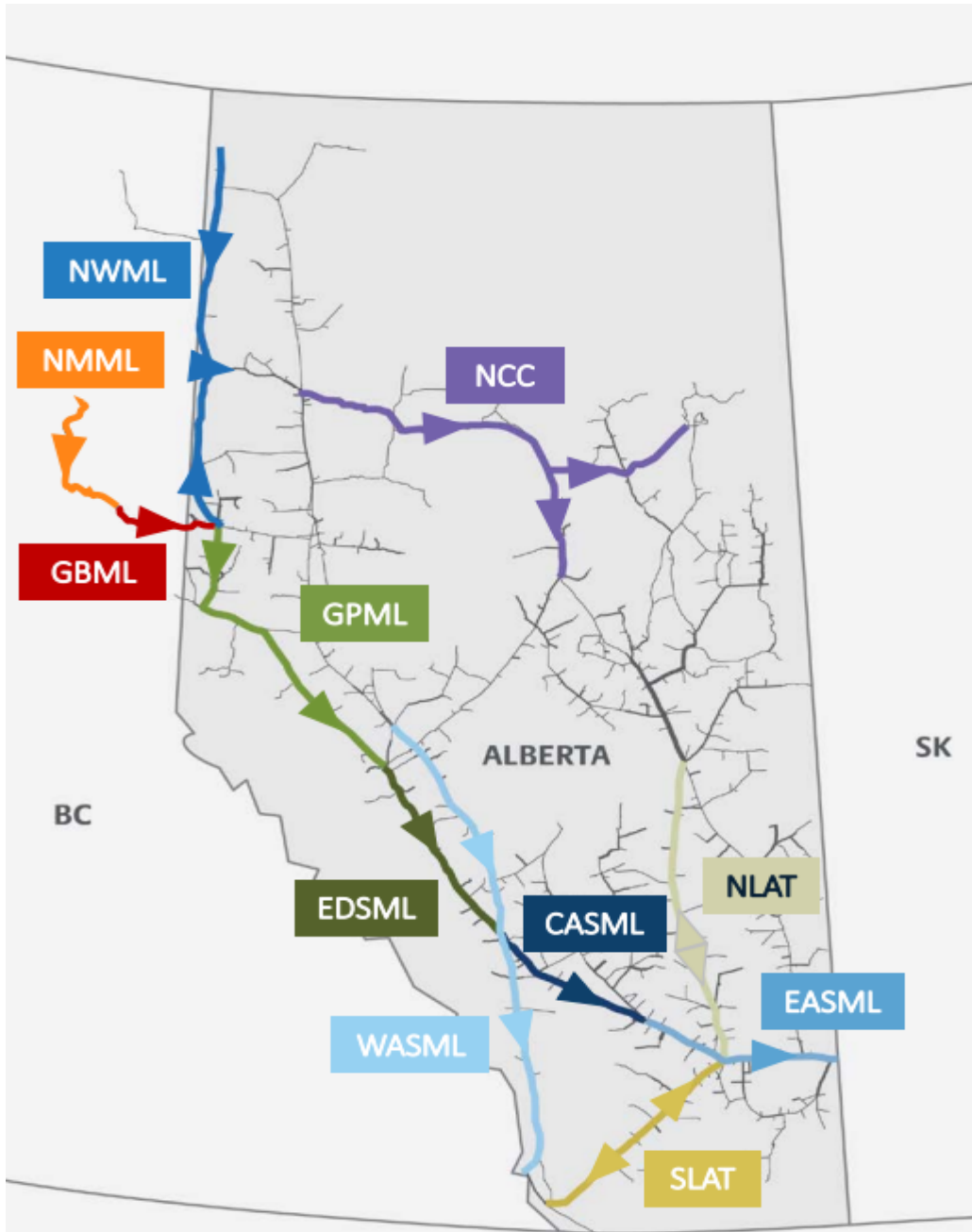


Glossary of Terms

- ❖ **DOP:** Daily Operating Plan [DOP](#)
- ❖ **NGTL:** Nova Gas Transmission Ltd.
- ❖ **FH:** Foothills Pipeline System (BC or SK)
- ❖ **ISD:** In-Service Date
- ❖ **ILI:** Inline Inspection
- ❖ **Transportation Services**
 - **IT-R:** Interruptible Transportation - Receipt
 - **IT-D:** Interruptible Transportation - Delivery
 - **FT-R:** Firm Transportation - Receipt
 - **FT-D:** Firm Transportation - Delivery

- ❖ **Operational Areas**
 - **USJR:** Upstream James River
 - **WGAT:** West Gate
 - **EGAT:** East Gate
 - **OSDA:** Oilsands Delivery Area
 - **NEDA:** North-East Delivery Area

Commonly Referenced Flow Paths



- North Montney Mainline (NMML)
- Groundbirch Mainline (GBML)
- Northwest Mainline (NWML)
- North Central Corridor (NCC)
- Grande Prairie Mainline (GPML)
- Edson Mainline (EDSML)
- Western Alberta System Mainline (WASML)
- Central Alberta System Mainline (CASML)
- Eastern Alberta System Mainline (EASML)
- South Lateral (SLAT)
- North Lateral (NLAT)

Plant Turnaround Information

- All known outages for 2025 have now been added to DOP
- Customer Plant Turnaround Information is important to TC for planning outage execution and determining service-level impact required
- Customers can use the Plant Turnaround Information Form or send us an email to provide us with their turnaround details.
- We accept plant turnaround information any time throughout the year.
- All customer specific information received will remain strictly confidential within the outage planning and coordination teams

Report your maintenance and turnaround schedules for the remainder of 2025 and beyond
Click [HERE](#) for the PTA form

Where to send the form: ab_bc_ops_planning@tcenergy.com

FOR INFORMATIONAL PURPOSES ONLY

PLANT TURNAROUND INFORMATION FORM



Date:

Email to: ab_bc_ops_planning@tcenergy.com

Your Contact Information:

Your Name:

Company Name:

Phone:

Secondary Phone (Optional):

Email:

Please select one of the following:

☐ Information for new Plant Turnaround

☐ Update to existing Plant Turnaround information

Plant Turnaround Information:

NGTL Meter Station Name:

NGTL Meter Station Number:

Start Date:

End Date:

Start Time:

End Time:

Type of Plant Turnaround:

☐ Complete Turnaround (Zero Flow)

☐ Partial Turnaround:

Expected Flow during turnaround: 10³m³/d

Typical Flow: 10³m³/d

Additional Comments:

Email this form to: ab_bc_ops_planning@tcenergy.com

Direct any questions to the Pipeline @ (403) 920-7473.

Outage Communication Tools: Order

With the Summer Maintenance Season upon us, staying informed is more critical than ever. Outages that may have service authorization level impacts may be more frequent. Take note of the below communications structure to ensure you are getting the most relevant and timely information available.

