



# NGTL System and Foothills Pipelines Ltd.

CUSTOMER OPERATIONS MEETING

FOR INFORMATIONAL PURPOSES ONLY



02/06/2025

# 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 February 6, 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. Review of Previous Months' Operations
2. 2025 Operational Outlook
3. Plant Turnaround Information Form



02/06/2025

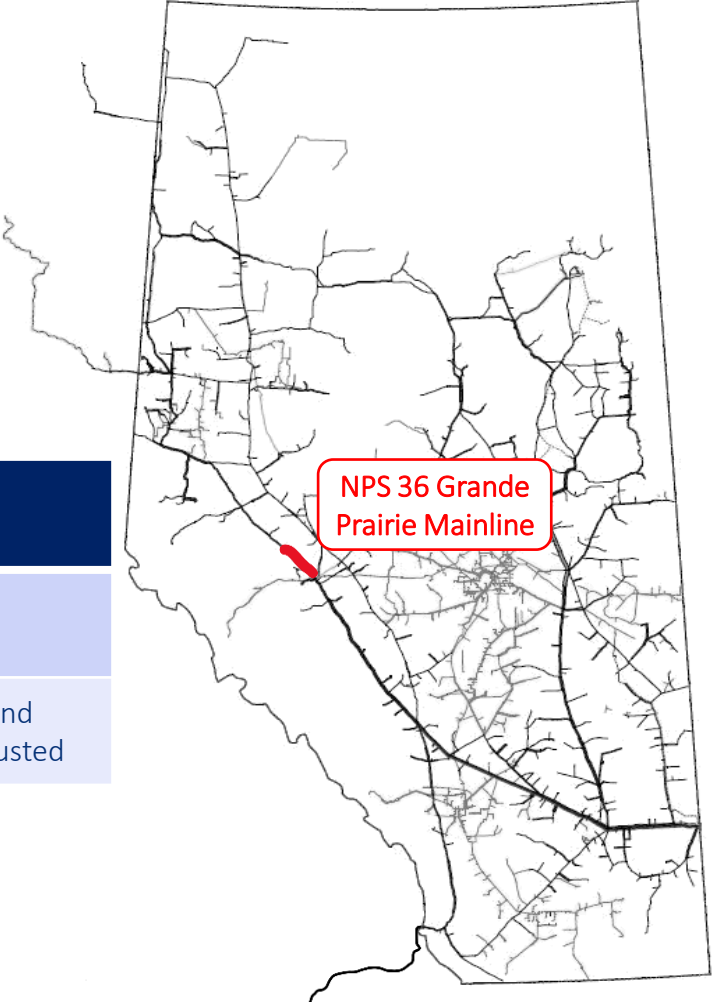
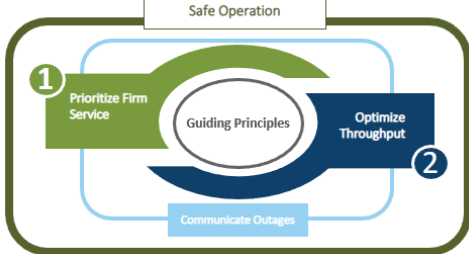
# Review of Previous Month's Operations



# NPS 36 Grande Prairie Mainline – Pipeline Modifications

## Background:

- Planned:
  - NPS 36 Grande Prairie Mainline Pipeline Modifications: January 30 – February 10
- Capability communicated in DOP:
  - USJR: 380 10<sup>6</sup>m<sup>3</sup>/d
- Service Allowable:
  - USJR: 0% IT-R, 100% FT-R



Bulletin Date	Effective Date	Service Allowable	Comments
Jan 27	Jan 30 (08:00 MST)	0% IT-R, 100% FT-R (USJR)	Bulletin issued
Feb 5	Feb 5 (17:00 MST)	100% IT-R, 100% FT-R (USJR)	Maintenance ongoing and progressing well. With supply and demand distribution service authorization levels were adjusted

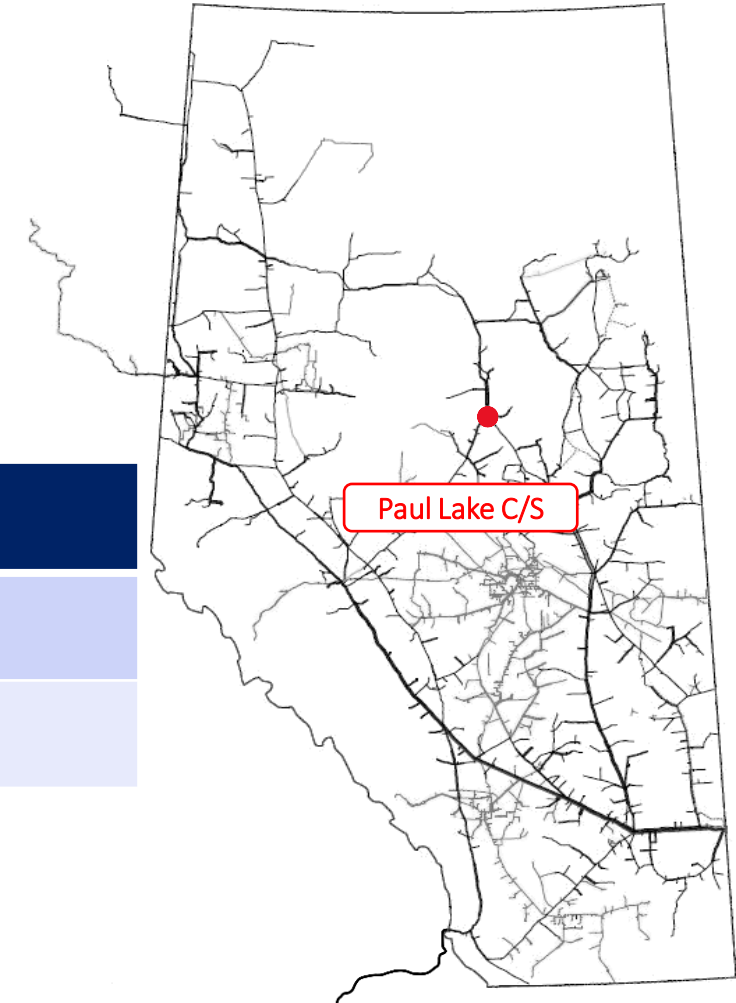
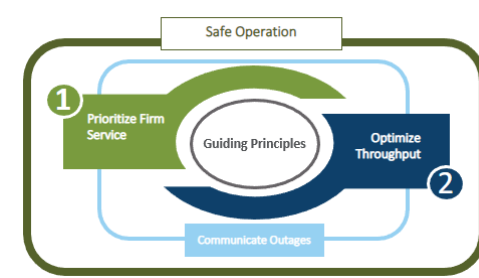


# Paul Lake – Compressor Station Maintenance

## Background:

- **Unplanned:**
  - Paul Lake Compressor Station Maintenance: February 5 - 6
- **Capability communicated in DOP:**
  - OSDA: 92 10<sup>6</sup>m<sup>3</sup>/d
  - NEDA: 144 10<sup>6</sup>m<sup>3</sup>/d
- **Service Allowable:**
  - OSDA/NEDA: 0% IT-D, 80% FT-D

Bulletin Date	Effective Date	Service Allowable	Comments
Feb 5	Feb 5 (17:00 MST)	0% IT-D, 80% FT-D	Bulletin issued for unplanned Paul Lake outage
Feb 6	Feb 6 (13:00 MST)	100% IT-D, 100% FT-D	Paul Lake outage complete





# 2025 Operational Outlook

(From DOP as of Wednesday, February 5)





# 2025 Outages

- All known planned outages for the remainder of 2025 have now been added to the DOP
- We will continue to make best efforts to limit changes of dates to larger impacting outages; however, Start and End Dates, Durations, Capability, Area of impact may be revised as new information becomes available or further optimization opportunities are identified

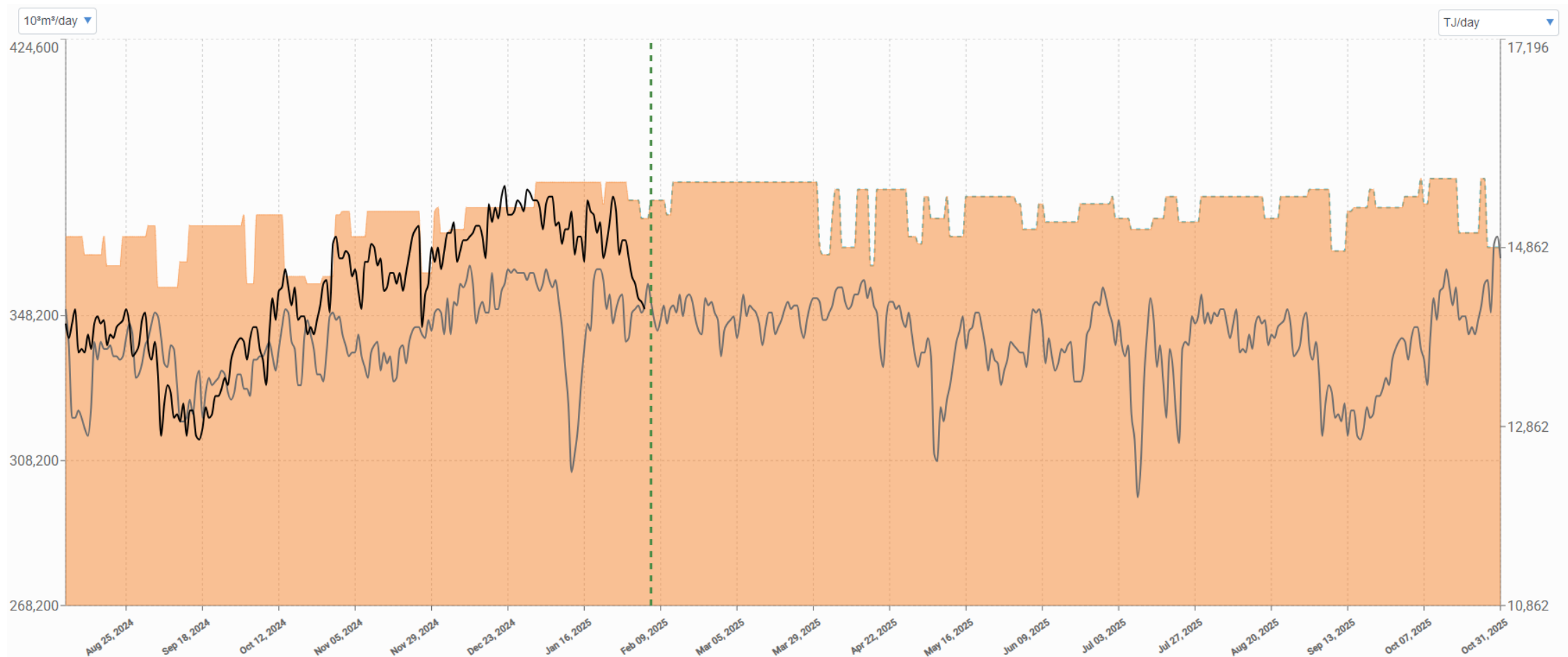
*Outages and/or maintenance work is posted to the DOP if there is reasonable expectation that the event could or will result in a change to service authorization levels.*

Optimization efforts are on-going, and we will continue to focus on safety, optimizing system capacity and minimizing outage impacts.



# Upstream James River

Capability - Actual Flow - Historical Flow



## Facility Assumptions:

- NPS 36 GPML pressure derates remain in place until June 30, 2025

May not be accurate beyond February 5. 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 <sup>6</sup> m <sup>3</sup> /d)	USJR Impact (10 <sup>6</sup> m <sup>3</sup> /d)	Area Outage Capability (10 <sup>6</sup> m <sup>3</sup> /d)	Outage Area Typical Flows (10 <sup>6</sup> m <sup>3</sup> /d)	Service Allowable Location/Area
NPS 36 Grande Prairie Mainline – Pipeline Modification	30-Jan-25	10-Feb-25	380	5	N/A	355-385	Potential impact to FT-R USJR
Nordegg B – Compressor Station Maintenance	3-Feb-25	5-Feb-25	375	10	N/A	355-385	Potential impact to FT-R USJR
Alces River – Compressor Station Maintenance	11-Feb-25	12-Feb-25	376	9	233	210-230	Potential impact to FT-R USJR U/S Latornell
Otter Lake – Compressor Station Maintenance	31-Mar-25	3-Apr-25	365	18	222	210-230	Potential impact to FT-R USJR U/S Latornell
Groundbirch – Compressor Station Maintenance	31-Mar-25	4-Apr-25	376	7	233	210-230	Potential impact to FT-R USJR U/S Latornell
Alces River B3 – Compressor Station Maintenance	1-Apr-25	3-Apr-25	375	8	232	210-230	Potential impact to FT-R USJR U/S Latornell
Hidden Lake North – Compressor Station Maintenance	7-Apr-25	11-Apr-25	375	8	232	210-230	Potential impact to FT-R USJR U/S Latornell
Goodfish – Compressor Station Maintenance	7-Apr-25	11-Apr-25	367	16	224	210-230	Potential impact to FT-R USJR U/S Latornell
Meikle River D5 – Compressor Station Maintenance	16-Apr-25	17-Apr-25	362	21	219	210-230	Potential impact to FT-R USJR U/S Latornell
Gold Creek – Compressor Station Maintenance	28-Apr-25	2-May-25	368	13	243	230-250	Potential impact to FT-R USJR U/S Emerson Creek
Knight – Compressor Station Maintenance	5-May-25	9-May-25	375	6	N/A	355-385	Potential impact to FT-R USJR
Latornell – Compressor Station Maintenance	11-May-25	15-May-25	370	11	245	230-250	Potential impact to FT-R USJR U/S Emerson Creek
Berland River – Compressor Station Maintenance	3-Jun-25	7-Jun-25	372	7	N/A	355-385	Potential impact to FT-R USJR

May not be accurate beyond February 5. 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 <sup>6</sup> m <sup>3</sup> /d)	USJR Impact (10 <sup>6</sup> m <sup>3</sup> /d)	Area Outage Capability (10 <sup>6</sup> m <sup>3</sup> /d)	Outage Area Typical Flows (10 <sup>6</sup> m <sup>3</sup> /d)	Service Allowable Location/Area
NPS 36 Western Alberta Mainline Extension – Pipeline Maintenance	10-Jun-25	20-Jun-25	374	5	N/A	355-385	Potential impact to FT-R USJR
Pipestone Creek – Compressor Station Maintenance	2-Jul-25	17-Jul-25	375	6	238	210-230	Potential impact to FT-R USJR U/S Latornell
Swartz Creek – Compressor Station Maintenance	7-Jul-25	13-Jul-25	372	9	N/A	355-385	Potential impact to FT-R USJR
NPS 48 Grande Prairie Mainline Loop 2 – Pipeline Maintenance	22-Jul-25	28-Jul-25	374	7	256	230-250	Potential impact to FT-R USJR U/S Emerson Creek
Goodfish A1 – Compressor Station Maintenance	18-Aug-25	19-Aug-25	375	6	238	210-230	Potential impact to FT-R USJR U/S Latornell
Alces River – Compressor Station Maintenance	18-Aug-25	22-Aug-25	375	6	238	210-230	Potential impact to FT-R USJR U/S Latornell
Goodfish A2 – Compressor Station Maintenance	20-Aug-25	21-Aug-25	375	6	238	210-230	Potential impact to FT-R USJR U/S Latornell
Meikle River C – Compressor Station Maintenance	8-Sep-25	12-Sep-25	366	17	229	210-230	Potential impact to FT-R USJR U/S Latornell
Leismer East – Compressor Station Maintenance	8-Sep-25	14-Sep-25	377	6	240	210-230	Potential impact to FT-R USJR U/S Latornell
Gold Creek B3 – Compressor Station Maintenance	15-Sep-25	19-Sep-25	378	5	247	215-235	Potential impact to FT-R USJR U/S Berland River
Latornell A2 – Compressor Station Maintenance	22-Sep-25	5-Oct-25	378	5	247	215-235	Potential impact to FT-R USJR U/S Berland River
Hidden Lake North B2 – Compressor Station Maintenance	7-Oct-25	8-Oct-25	379	7	242	210-230	Potential impact to FT-R USJR U/S Latornell

May not be accurate beyond February 5. 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 <sup>6</sup> m <sup>3</sup> /d)	USJR Impact (10 <sup>6</sup> m <sup>3</sup> /d)	Area Outage Capability (10 <sup>6</sup> m <sup>3</sup> /d)	Outage Area Typical Flows (10 <sup>6</sup> m <sup>3</sup> /d)	Service Allowable Location/Area
Otter Lake – Compressor Station Maintenance	18-Oct-25	24-Oct-25	371	15	234	210-230	Potential impact to FT-R USJR U/S Latornell
Meikle River D5 – Compressor Station Maintenance	27-Oct-25	31-Oct-25	367	19	230	210-230	Potential impact to FT-R USJR U/S Latornell

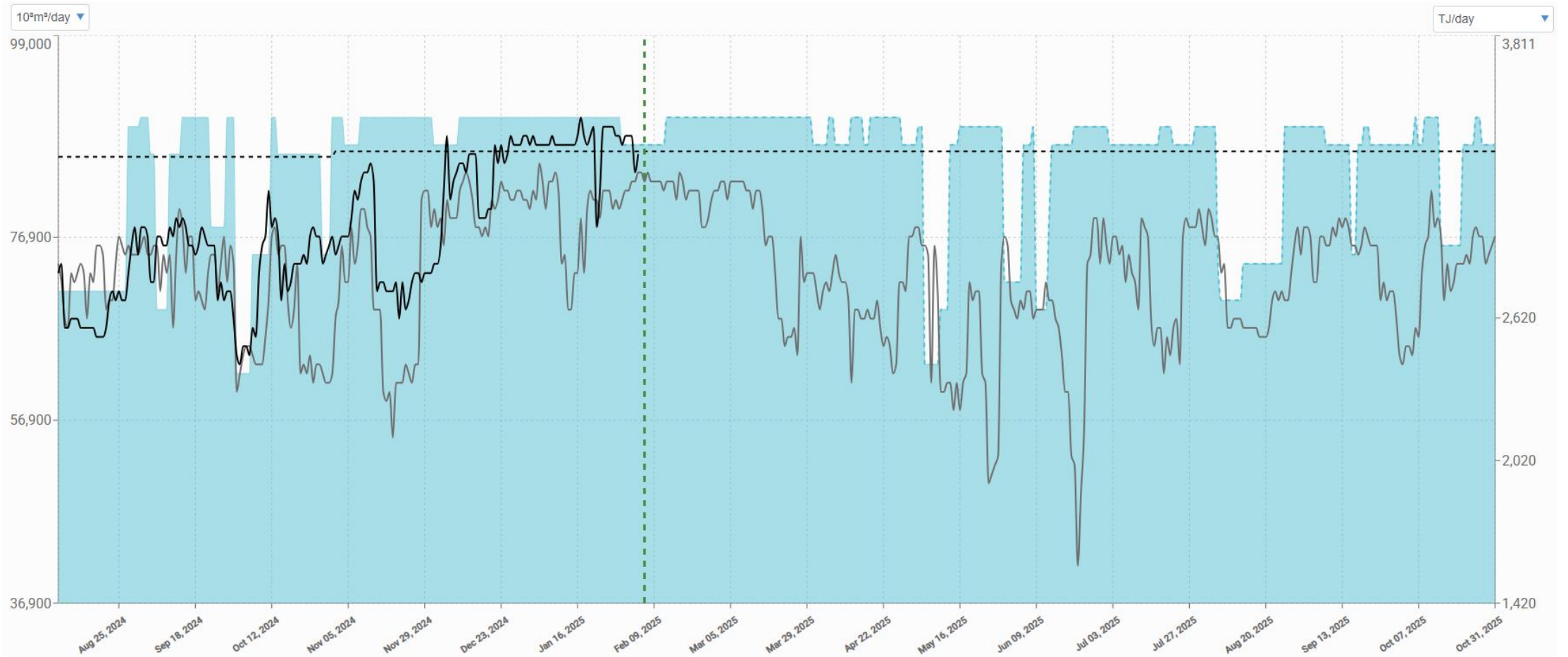
May not be accurate beyond February 5. Please refer to the DOP on TC Customer Express for current outage information.



# Alberta-B.C. Border

(includes both NGTL and Foothills BC outages)

■ Capability — Actual Flow — Historical Flow - - Contracts



May not be accurate beyond February 5. 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 <sup>6</sup> m <sup>3</sup> /d)	Impact (10 <sup>6</sup> m <sup>3</sup> /d)	Service Allowable Location/Area
Moyie – Compressor Station Maintenance	5-May-25	9-May-25	63	26	Potential Impact to FT Foothills BC
NPS 42 WAS Mainline Loop – Pipeline Modification	7-May-25	12-May-25	69	20	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Burton Creek C/S – Compressor Station Maintenance	30-May-25	4-Jun-25	72	17	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Crowsnest – Compressor Station Maintenance	9-Jun-25	12-Jun-25	69	20	Potential Impact to FT Foothills BC
Crowsnest B – Compressor Station Maintenance	9-Jun-25	13-Jun-25	79	10	Potential Impact to FT Foothills BC
Elko – Compressor Station Maintenance	5-Aug-25	25-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

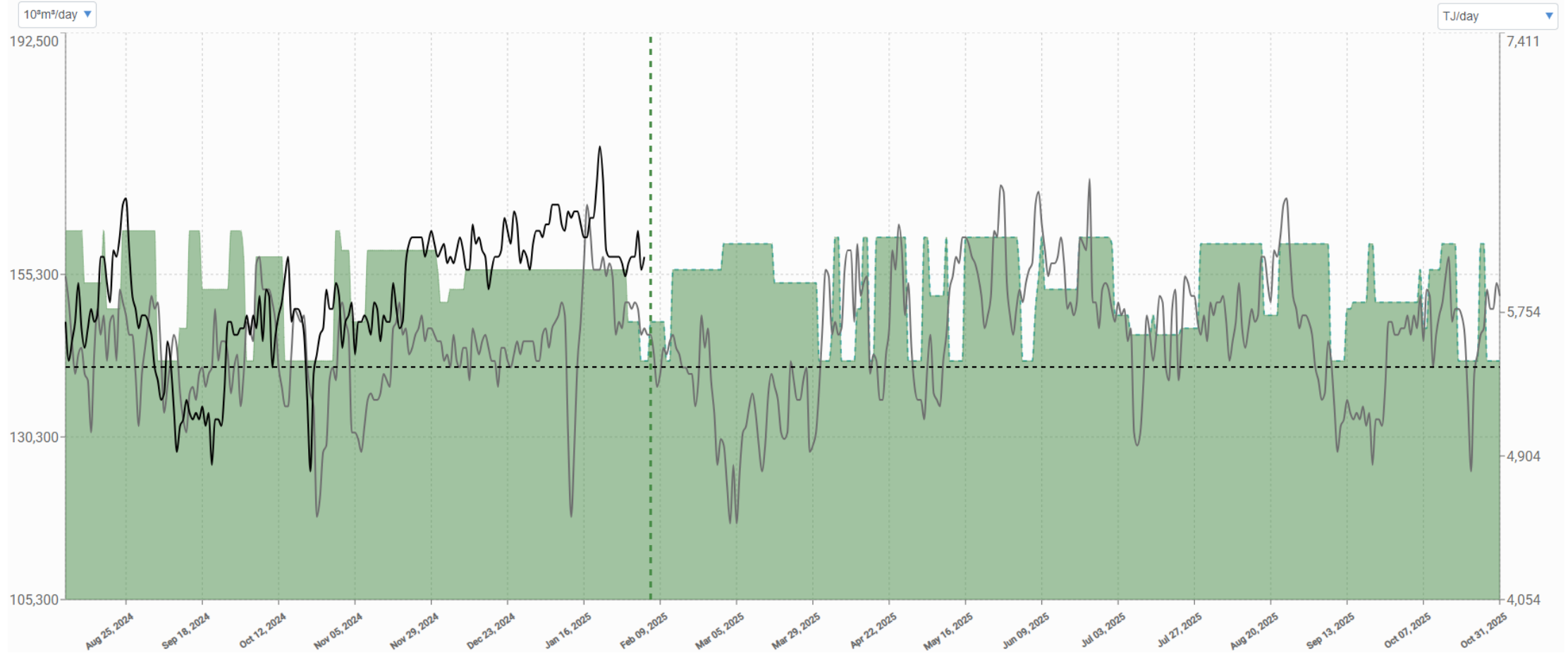
**Note:** Outages located in the USJR area show up in the WGAT table in DOP to indicate a broad area restriction could be applied to reduce flows through the bottleneck but have been excluded from this slide to avoid duplication

May not be accurate beyond February 5. 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 February 5. 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 <sup>6</sup> m <sup>3</sup> /d)	Impact (10 <sup>6</sup> m <sup>3</sup> /d)	Service Allowable Location/Area
Jenner – Compressor Station Maintenance	17-Mar-25	30-Mar-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
Didsbury – Compressor Station Maintenance	7-Apr-25	13-Apr-25	150	11	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Crawling Valley – Compressor Station Maintenance	2-Jun-25	8-Jun-25	155	6	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
NPS 42 Foothills Zone 6 – Pipeline Maintenance	3-Jun-25	6-Jun-25	142	19	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
NPS 42 Foothills Zone 6 and 9 – Pipeline Maintenance	15-Jul-25	22-Jul-25	146	14	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 but have been excluded from this slide to avoid duplication

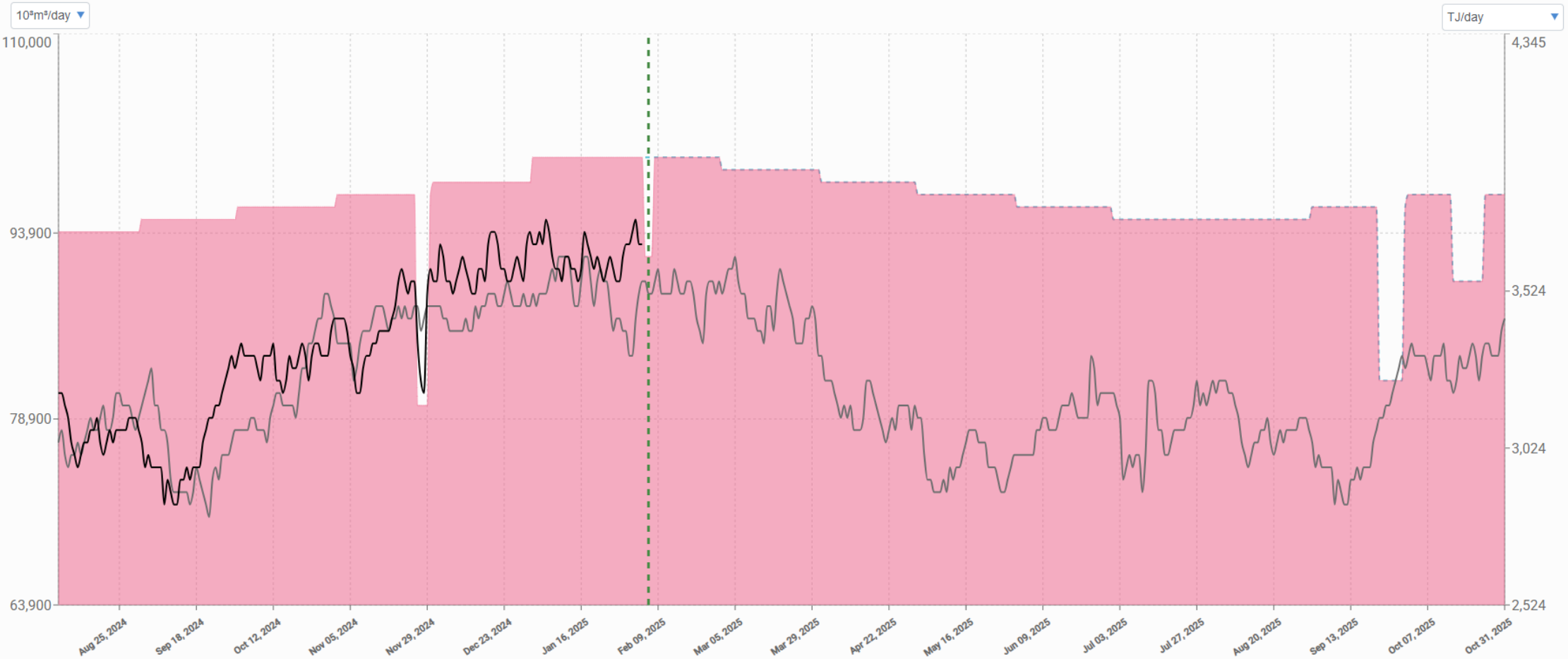
May not be accurate beyond February 5. Please refer to the DOP on TC Customer Express for current outage information.





# Oil Sands Delivery Area

Capability - Actual Flow - Historical Flow



May not be accurate beyond February 5. 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 <sup>6</sup> m <sup>3</sup> /d)	NEDA Capability (10 <sup>6</sup> m <sup>3</sup> /d)	Impact (10 <sup>6</sup> m <sup>3</sup> /d)	Service Allowable Location/Area
Paul Lake – Compressor Station Maintenance	5-Feb-25	7-Feb-25	92	-	8	Potential impact to FT-D Segments 10, 11, and 14
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 <sup>6</sup> m <sup>3</sup> /d Typical Flow: 62 10 <sup>6</sup> m <sup>3</sup> /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 <sup>6</sup> m <sup>3</sup> /d Typical Flow: 22 10 <sup>6</sup> m <sup>3</sup> /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 February 5. Please refer to the DOP on TC Customer Express for current outage information.



# Reminder | 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](mailto:ab_bc_ops_planning@tcenergy.com)

## PLANT TURNAROUND INFORMATION FORM



Date:

Email to: [ab\\_bc\\_ops\\_planning@tcenergy.com](mailto: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:  10<sup>3</sup>m<sup>3</sup>/d

Typical Flow:  10<sup>3</sup>m<sup>3</sup>/d

### Additional Comments:

Email this form to: [ab\\_bc\\_ops\\_planning@tcenergy.com](mailto:ab_bc_ops_planning@tcenergy.com)

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



# CONTACTS



## MARKETING REPS

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

## MINH BADAU

Chair, NGTL/FH Customer Ops

403.920.5804

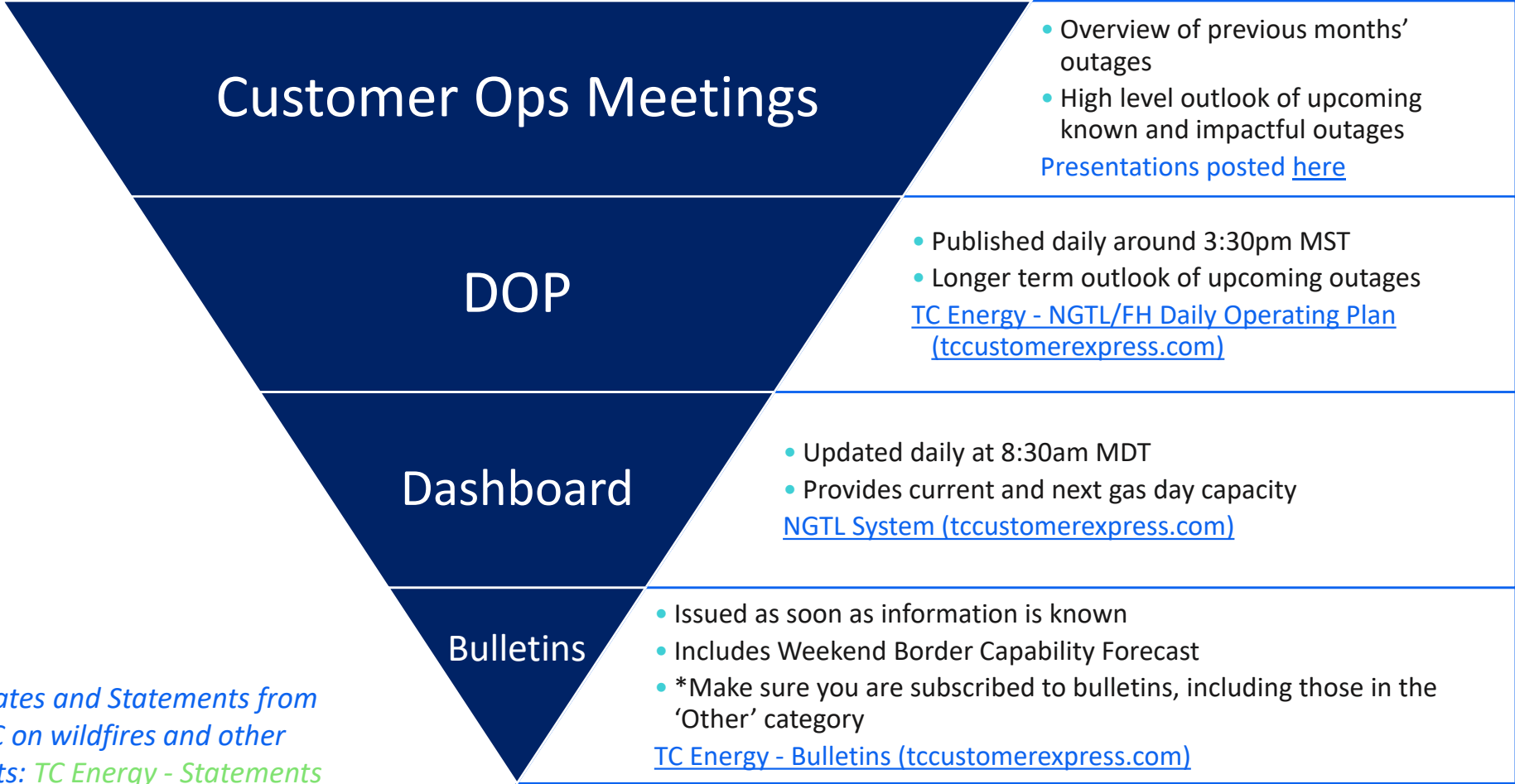
[minh\\_badau@tcenergy.com](mailto:minh_badau@tcenergy.com)



# Appendices



# Outage Communication Tools: Order



*Updates and Statements from TC on wildfires and other events: [TC Energy - Statements](#)*

Each level of communication supersedes all information provided in communications above it.



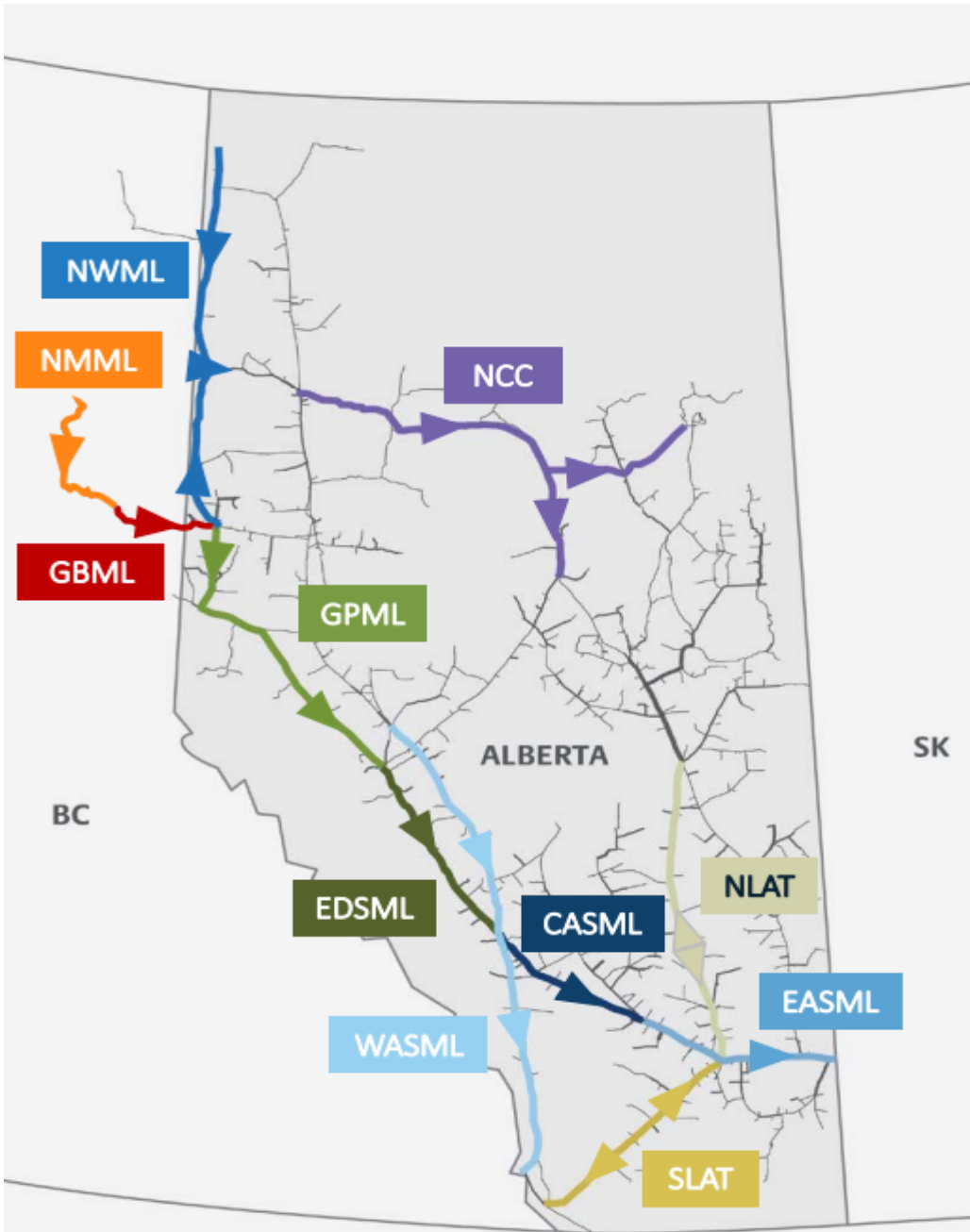
# Glossary of Terms

- ❖ **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)

