



NGTL System and Foothills Pipelines Ltd.

CUSTOMER OPERATIONS MEETING

FOR INFORMATIONAL PURPOSES ONLY



04/03/2025

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 April 3, 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 Month's Operations
2. 2025 Operational Outlook



04/03/2025

Review of Previous Month's Operations

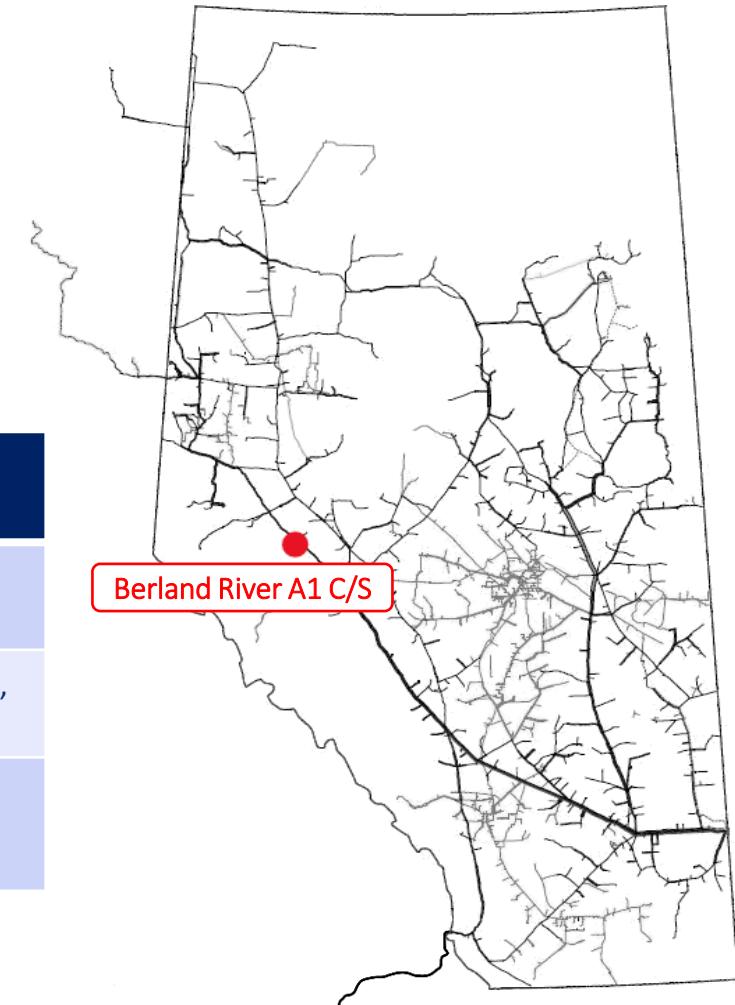
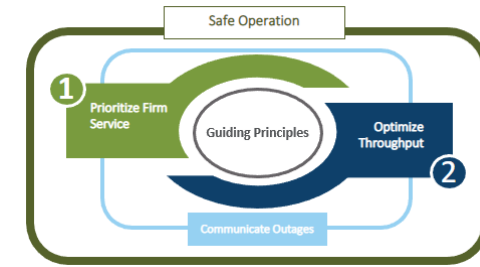


Berland River A1 – Compressor Station Maintenance

Background:

- Planned:
 - Berland River A1 Compressor Station Maintenance: Feb 26 – Mar 19
- Capability communicated in DOP:
 - USJR: 380 10⁶m³/d
- Service Allowable:
 - USJR: 0% IT-R, 100% FT-R

Bulletin Date	Effective Date	Service Allowable	Comments
	Feb 26	100% IT-R, 100% FT-R	Planned Berland River A1 outage starts
Feb 27	Feb 28 (08:00 MST)	0% IT-R, 100% FT-R (USJR)	Due to high system utilization and Berland River A1 outage, service authorization levels were adjusted
	Mar 19	0% IT-R, 100% FT-R (USJR)	Outage Complete. Due to ongoing high system utilization and the Nordegg C6 outage service authorization levels remain.

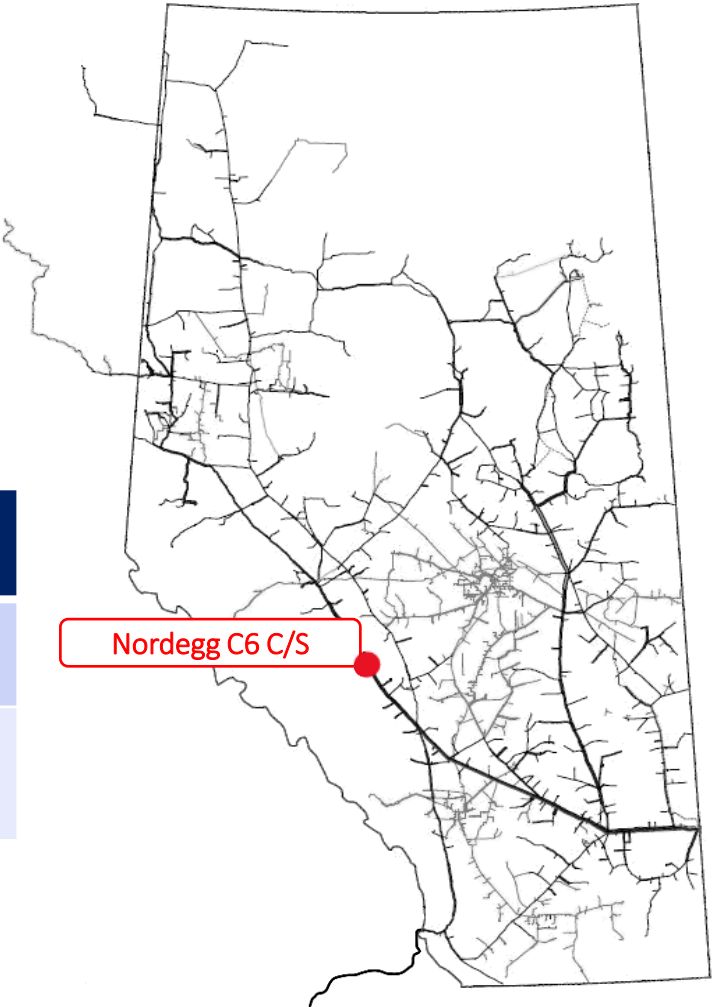
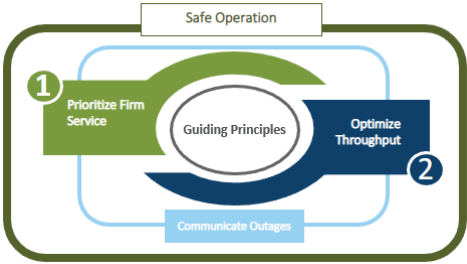


Nordegg C6 – Compressor Station Maintenance

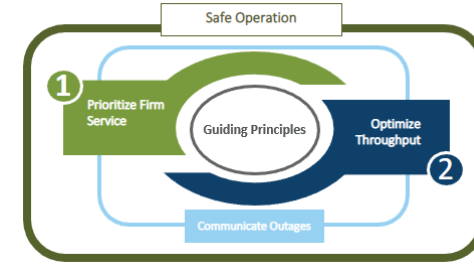
Background:

- Planned:
 - Nordegg C6 Compressor Station Maintenance: Mar 24 – Mar 27
- Capability communicated in DOP:
 - USJR: 376 10⁶m³/d
- Service Allowable:
 - USJR: 0% IT-R, 100% FT-R

Bulletin Date	Effective Date	Service Allowable	Comments
	Mar 24	0% IT-R, 100% FT-R (USJR)	Planned Nordegg C6 outage starts, service authorization levels remain in effect.
	Mar 27	0% IT-R, 100% FT-R (USJR)	Outage Complete. Due to ongoing high system utilization and the upcoming Otter Lake and Groundbirch outages, service authorization levels remain.

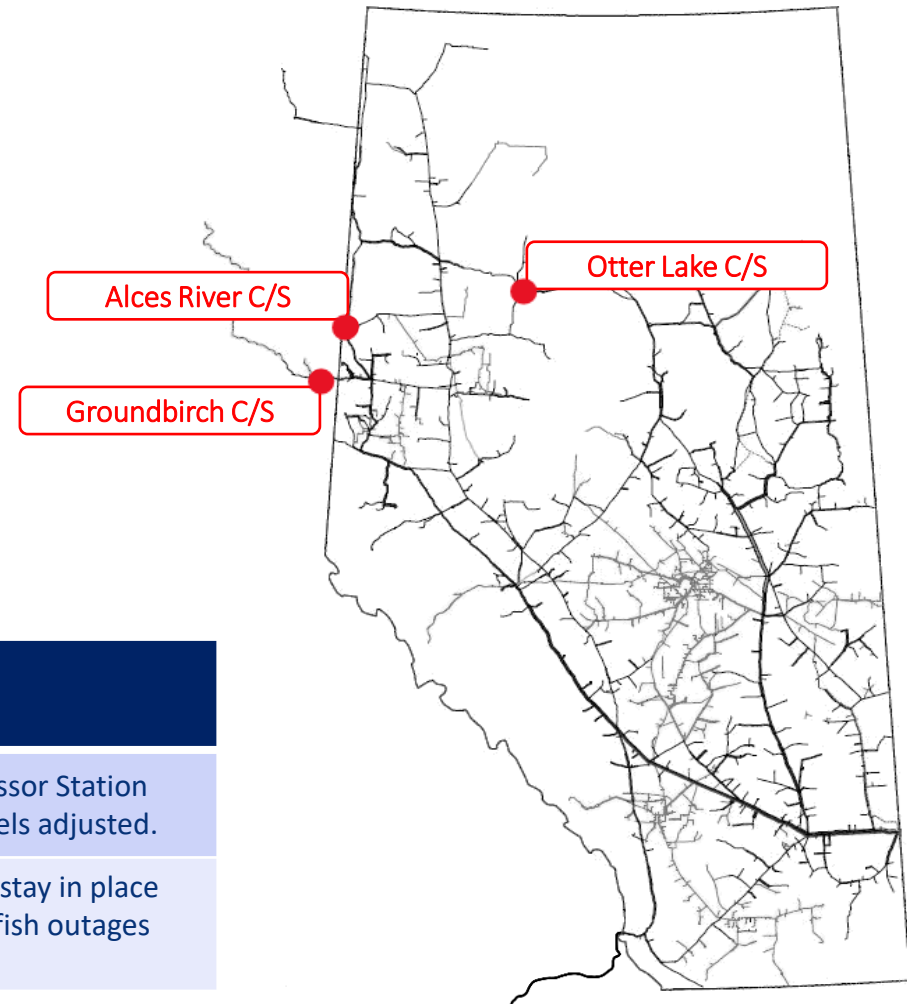


Groundbirch/Otter Lake/Alces River B3 – Compressor Station Maintenance



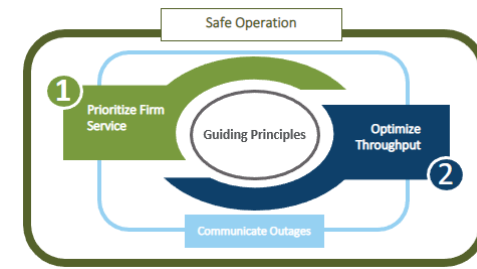
Background:

- Planned:
 - Groundbirch Compressor Station Maintenance: Mar 31 – Apr 4
 - Otter Lake Compressor Station Maintenance: Mar 31 – Apr 3
 - Alces River B3 Compressor Station Maintenance: Apr 2 – Apr 3
- Capability communicated in DOP:
 - March 31: 367 10⁶m³/d (USJR)
 - April 1 – April 3: 365 10⁶m³/d (USJR)
 - April 4: 376 10⁶m³/d (USJR)
- Service Allowable:
 - USJR: 0% IT-R, 81% FT-R



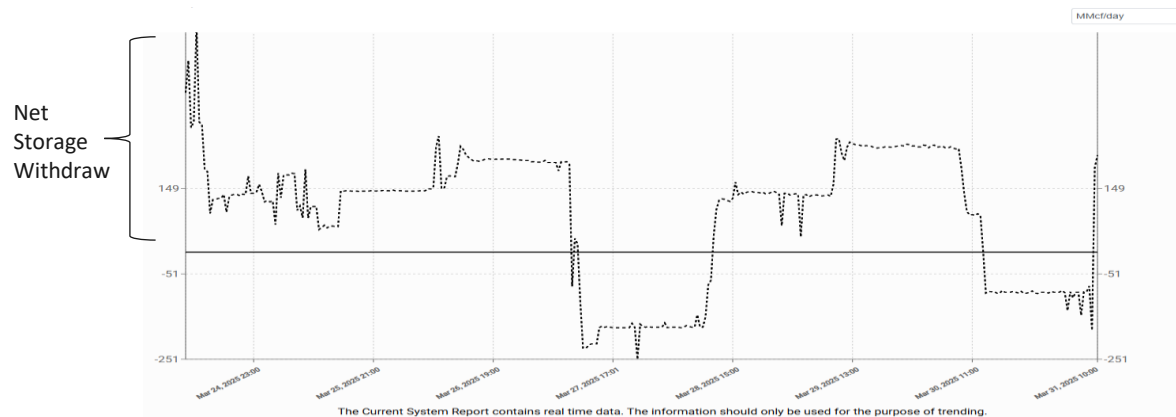
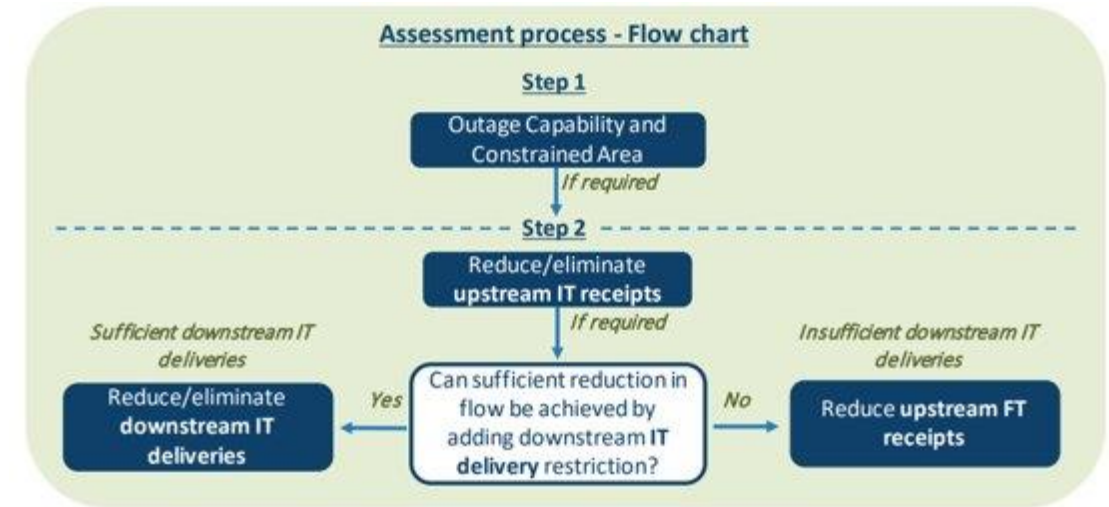
Bulletin Date	Effective Date	Service Allowable	Comments
Mar 27	Mar 31 (08:00 MST)	0% IT-R, 81% FT-R (USJR)	Planned Otter Lake and Groundbirch Compressor Station Maintenance begin; service authorization levels adjusted.
			Outage ongoing, FT-R restriction expected to stay in place throughout the Hidden Lake North and Goodfish outages next week

Groundbirch/Otter Lake/Alces River B3 – Compressor Station Maintenance



Why couldn't this outage be managed with EGAT IT-D

- System utilization continues to be high.
 - Whether or not a broad area IT-D restriction will be adequate to manage flows through the bottleneck is highly dependent on customer behaviors and resulting system and contract utilization at the time
- Inadequate EGAT IT-D to safely manage the outage
 - USJR flow would exceed the outage capability with only the IT-R restriction in place
 - Expected required reduction of supply in USJR is greater than what is currently flowing as EGAT IT-D



We continue to follow our Standard Assessment Process and assessed the adequacy of downstream IT-D and deemed it inadequate.

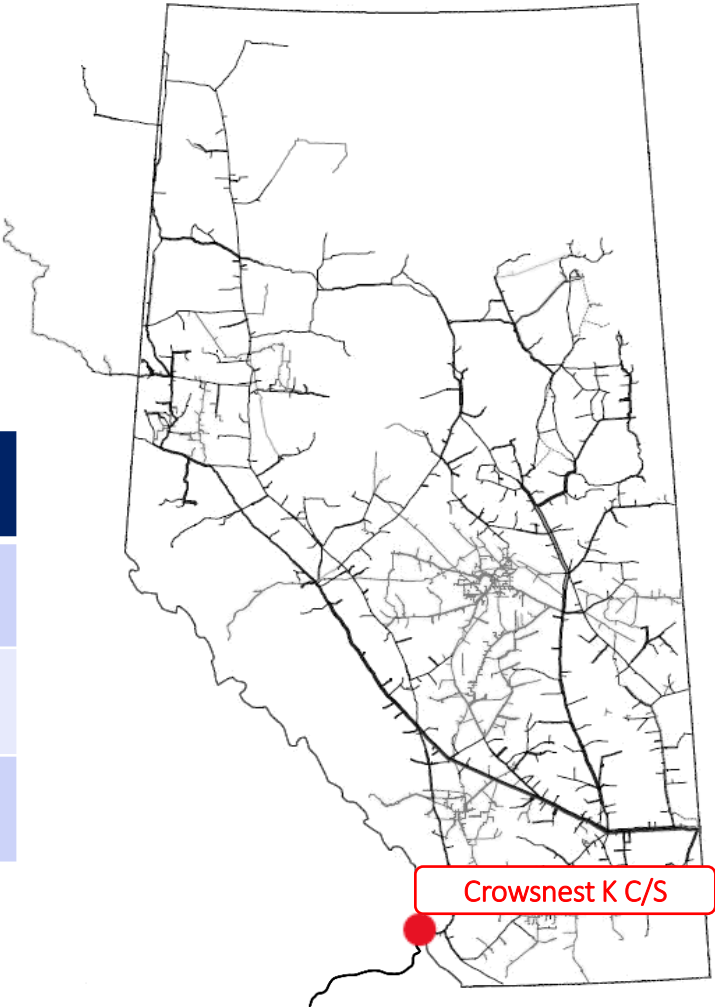
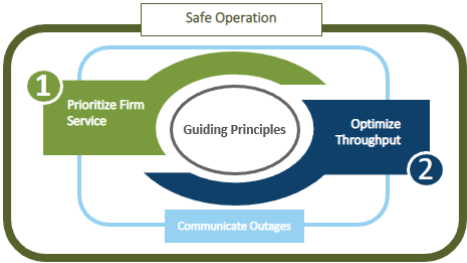


Crowsnest K – Compressor Station Maintenance

Background:

- **Unplanned:**
 - Crowsnest K Compressor Station Maintenance: Mar 5-10
- **Capability communicated in DOP:**
 - FHBC: 81 10⁶m³/d
- **Service Allowable:**
 - FHBC: 0% IT, Partial FT

Bulletin Date	Effective Date	Service Allowable	Comments
	Mar 5	100% IT, 100% FT	Unplanned Crowsnest K Compressor Station maintenance begins
Mar 7	Mar 8 (08:00 MST)	0% IT, Partial FT	Bulletin issued for FHBC maintenance
Mar 10	Mar 11 (08:00 MST)	100% IT, 100% FT	FHBC Maintenance completed

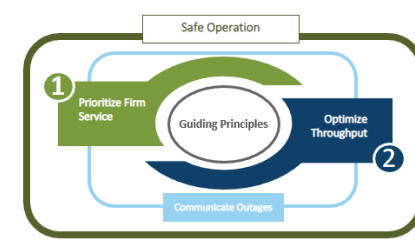


2025 Operational Outlook

(From DOP as of Wednesday, April 2)

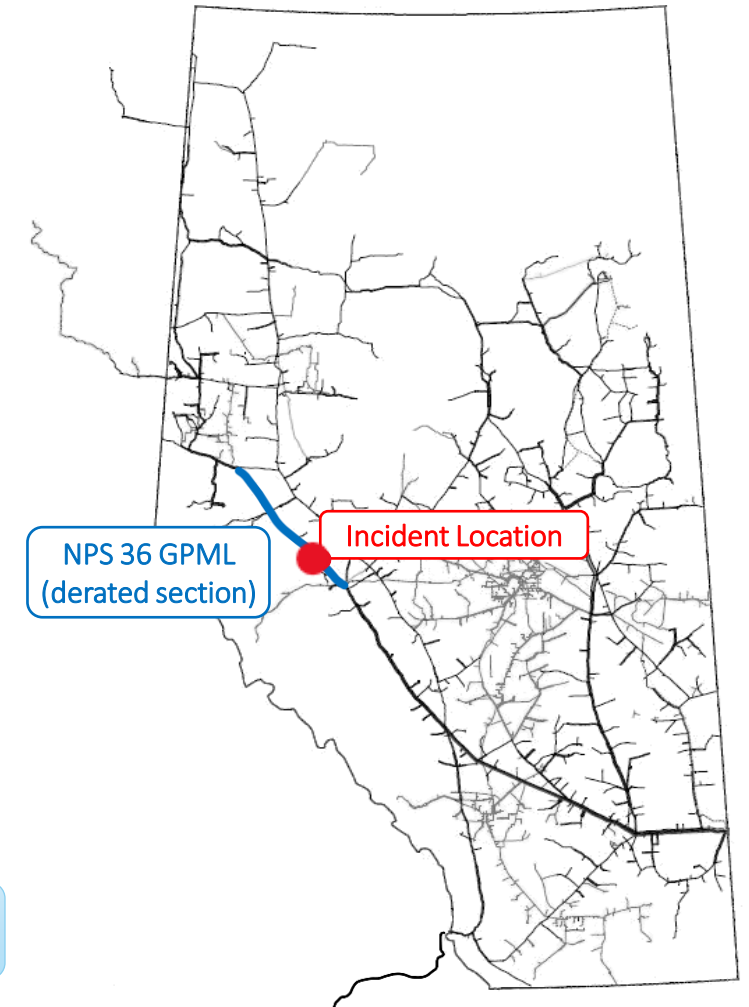


NPS 36 Grande Prairie Mainline (Yellowhead) Incident Update



- **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
- **Estimated Q2/Q3 2025:** Engineering Assessment to be submitted to the CER as early as Q2 2025 after which return to service dependent on CER review timeline.

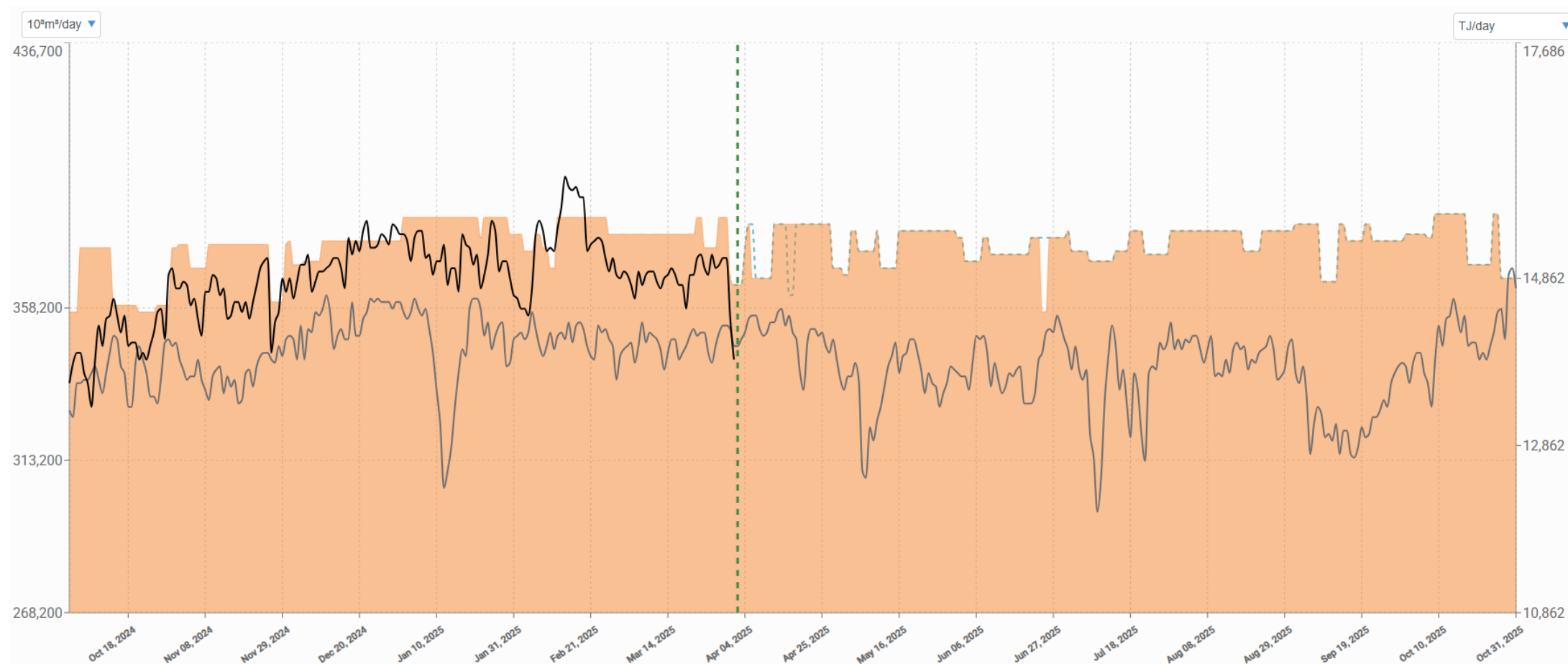
Base capabilities and outage capabilities in the DOP charts continue to assume the pressure derates remain in place until at least June 30, 2025.



Safe return to service is top priority

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 April 2. 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
Otter Lake – Compressor Station Maintenance	31-Mar-25	3-Apr-25	365	18	N/A	355-385	Partial impact to FT-R USJR
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	2-Apr-25	3-Apr-25	375	8	N/A	355-385	Partial impact to FT-R USJR
Hidden Lake North – Compressor Station Maintenance	6-Apr-25	11-Apr-25	375	8	N/A	355-385	Partial impact to FT-R USJR
Goodfish – Compressor Station Maintenance	6-Apr-25	11-Apr-25	367	16	N/A	355-385	Partial impact to FT-R USJR
Gold Creek – Compressor Station Maintenance	28-Apr-25	2-May-25	368	13	243	230-250	Potential impact to FT-R USJR U/S Berland
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
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
Meikle River D5 – Compressor Station Maintenance	24-Jun-25	25-Jun-25	357	22	219	210-230	Potential impact to FT-R USJR U/S Latornell
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

May not be accurate beyond April 2. 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
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
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
Leismer East – Compressor Station Maintenance	1-Oct-25	7-Oct-25	380	6	240	210-230	Potential impact to FT-R USJR U/S Latornell
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
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

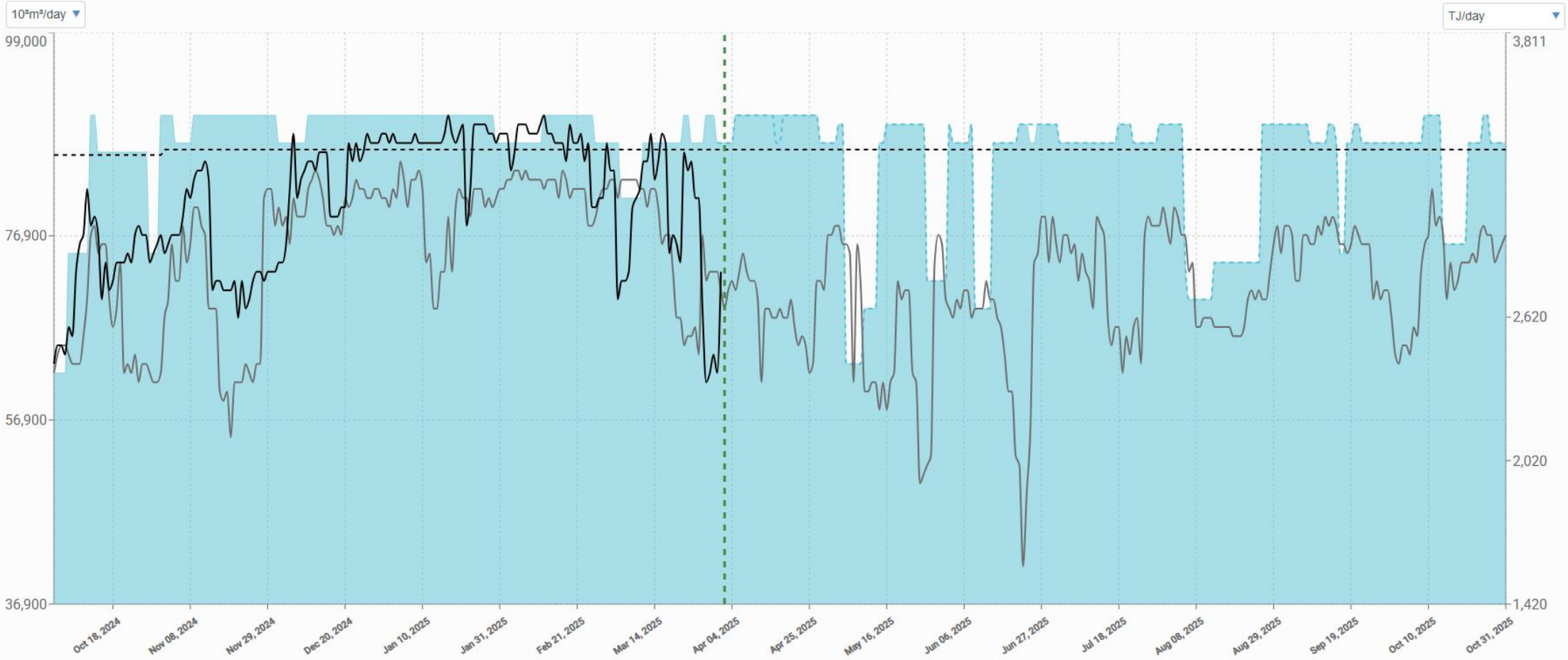
May not be accurate beyond April 2. Please refer to the DOP on TC Customer Express for current outage information.



Alberta-B.C. Border

(includes both NGTL and Foothills BC outages)

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



May not be accurate beyond April 2. 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
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	13-May-25	69	20	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Burton Creek C/S – Compressor Station Maintenance	27-May-25	1-Jun-25	72	17	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Crowsnest – Compressor Station Maintenance	9-Jun-25	13-Jun-25	69	20	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

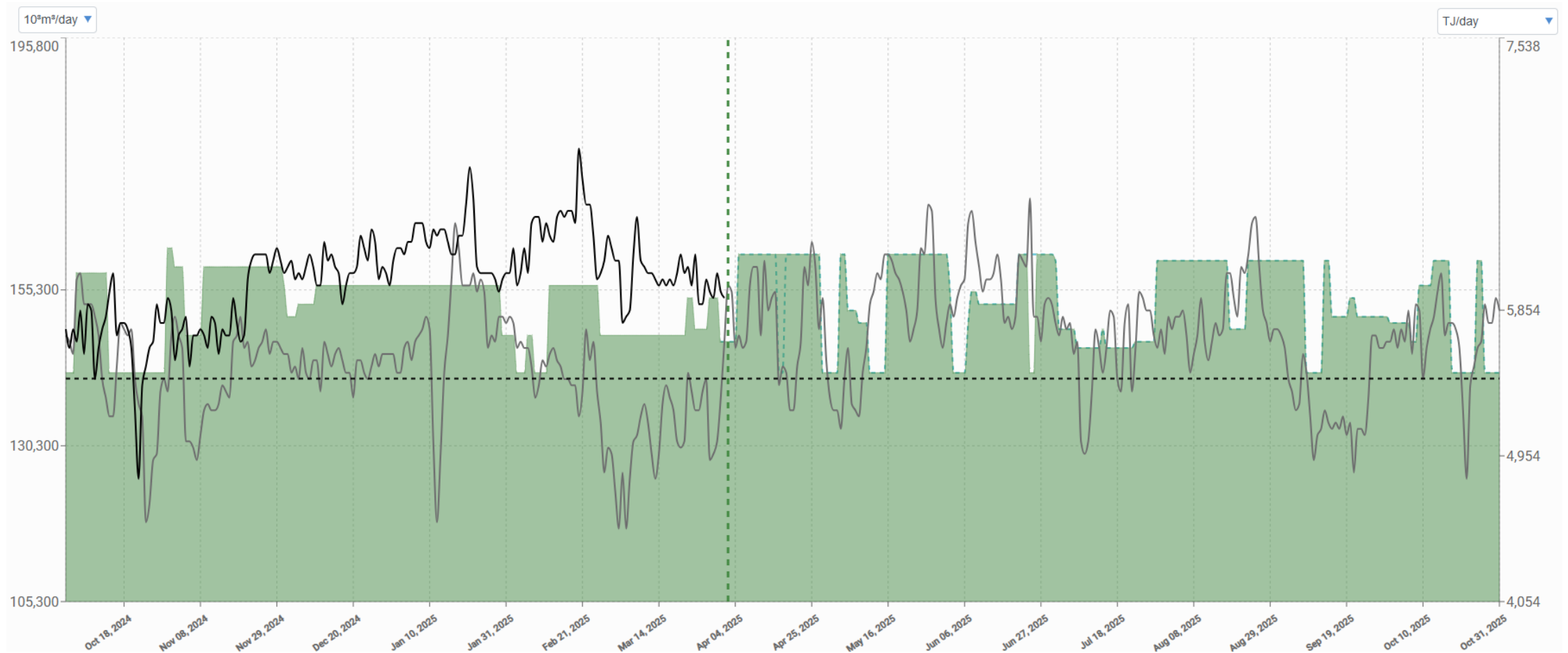
Note: Outages located in the USJR area show up in the WGAT table in DOP to indicate a broad area restriction could be applied to reduce flows through the bottleneck but have been excluded from this slide to avoid duplication

May not be accurate beyond April 2. 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 April 2. 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
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	8-May-25	14-May-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	15-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
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

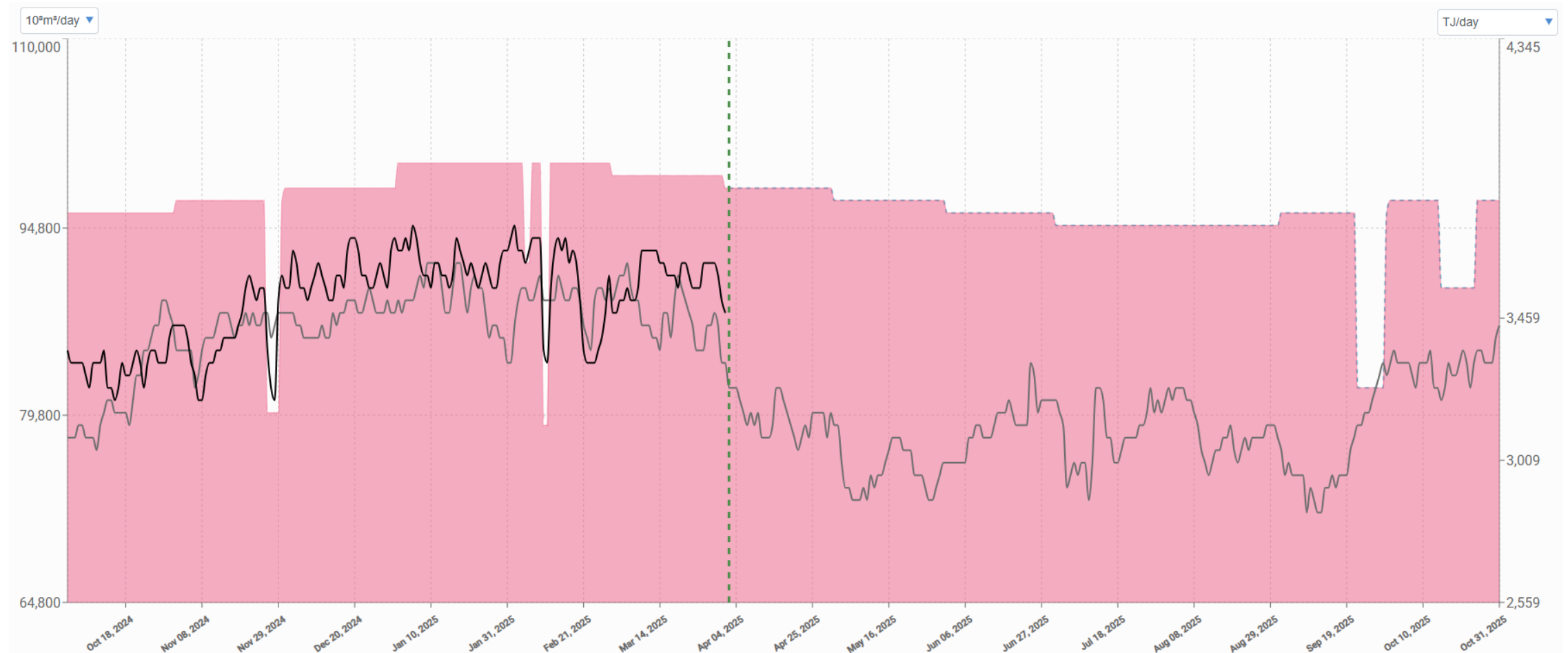
Note: Outages located in the USJR area show up in the EGAT table in DOP to indicate a broad area restriction could be applied to reduce flows through the bottleneck but have been excluded from this slide to avoid duplication

May not be accurate beyond April 2. 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 April 2. 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

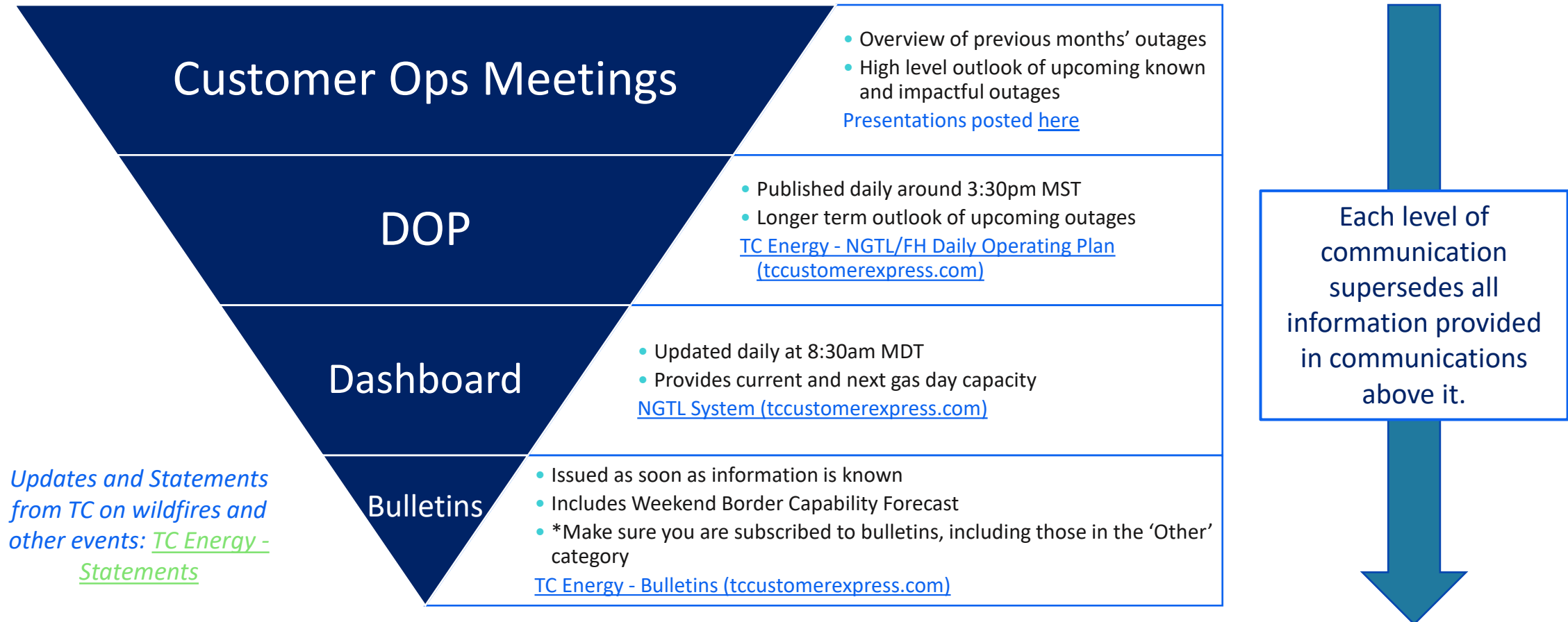
Note: These outages have been included in the OSDA table for the purposes of the DOP, even though their area of impact is expected to be slightly different than the standard OSDA definition

May not be accurate beyond April 2. Please refer to the DOP on TC Customer Express for current outage information.



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.



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

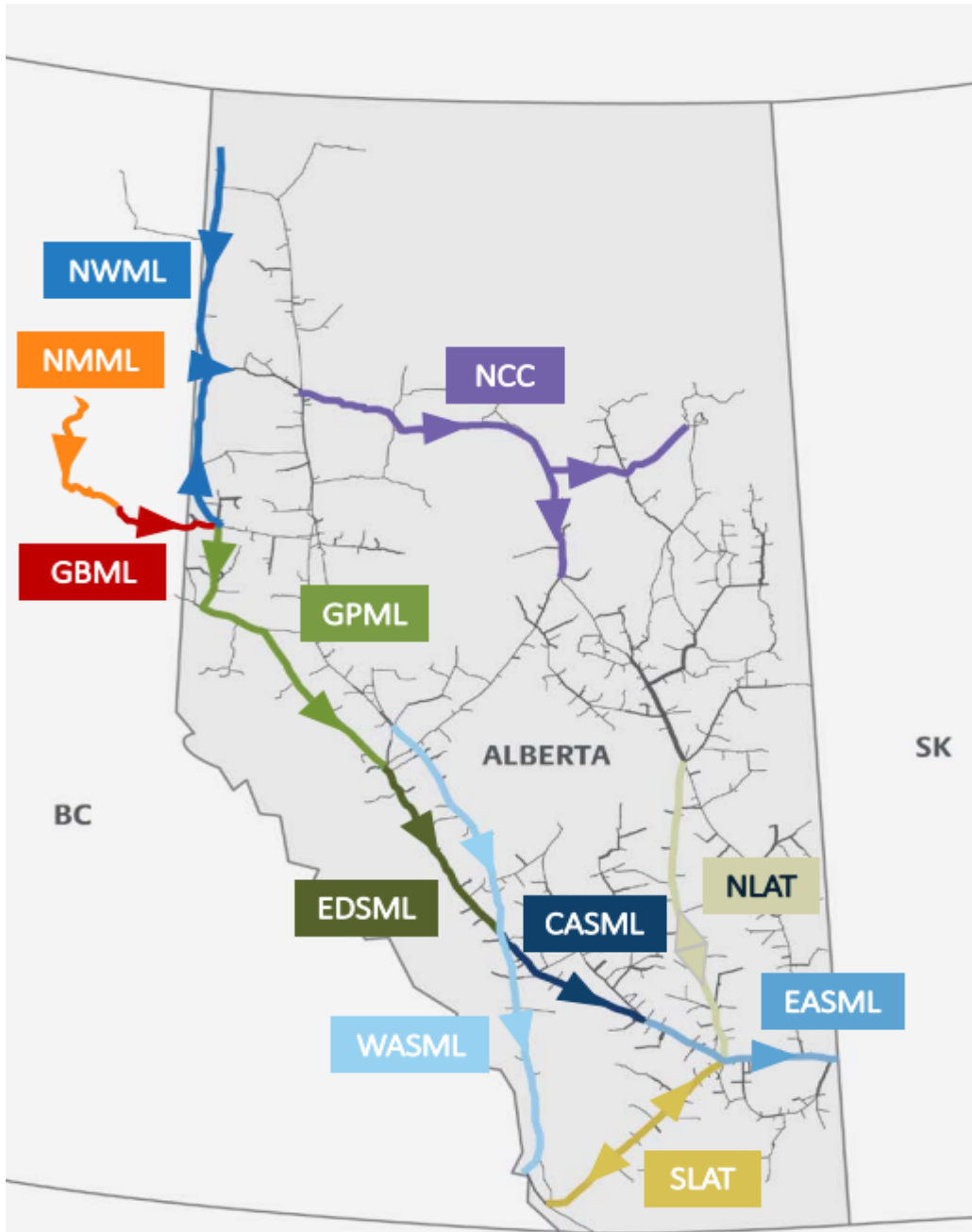


Glossary of Terms

- ❖ **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.