TC Energy

NGTL System and Foothills Pipelines Ltd.

CUSTOMER OPERATIONS MEETING

05/01/2025

FOR INFORMATIONAL PURPOSES ONLY

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 May 1, 2025

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

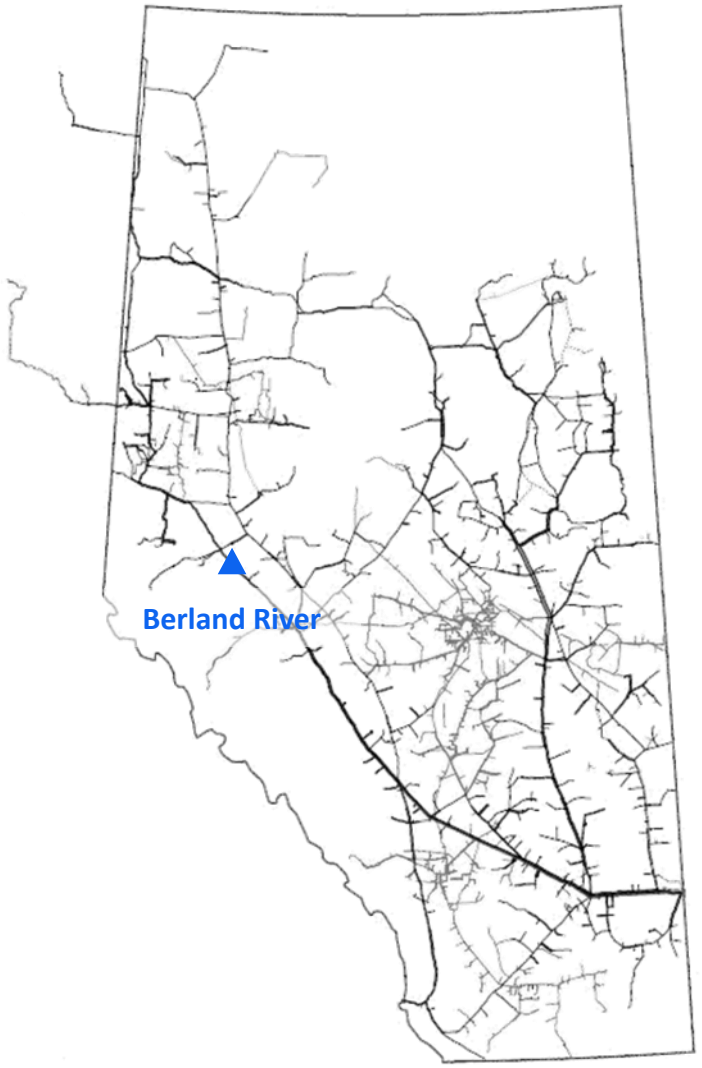
This meeting covers broad operational and project-related topics that impact operations on the NGTL and Foothills systems. For information on focused Commercial, Operational and Regulatory topics, please contact your Marketing Representative

Agenda

1. Berland Compressor Station Project Update
2. Broad Area Restriction – Assessment Process
3. Review of Previous Month’s Operations
4. 2025 Operational Outlook

Berland Compressor Station Project Update

Berland River Compressor Station Project | OVERVIEW



- 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

Bulletin issued April 29, 2025 to inform customers that the electric transmission line associated with the Berland River Project is being delayed through the AUC regulatory process

- AUC scheduled a 4-day oral hearing starting September 8
- Expect an AUC Decision January 2026, based on 90-day service standard from hearing close
- Approval January 2026 implies a Q1 2027 In Service Date
- If approved later, it may impact April 2027 contract declarations
- If not approved, it will impact Multi Year Growth Program contract declarations

Berland River Compressor Station Project | NEXT STEPS

NGTL is looking at all options to expedite the In-Service Date and commits to further communication as we learn more information

NGTL will provide ongoing updates:

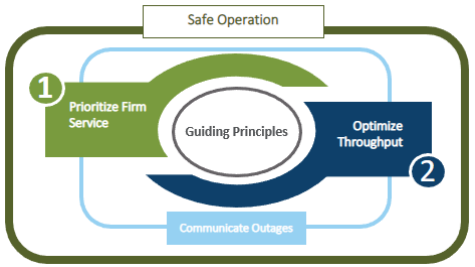
- To the TTFP
- At monthly Customer operations meetings
- To directly impacted customers as appropriate

Any significant news regarding in-service timing will be provided to all Customers via bulletin.

If you have any questions about this update, please contact your Marketing Representative

Broad Area Restriction – Assessment Process

Broad Area Restriction – Assessment Process

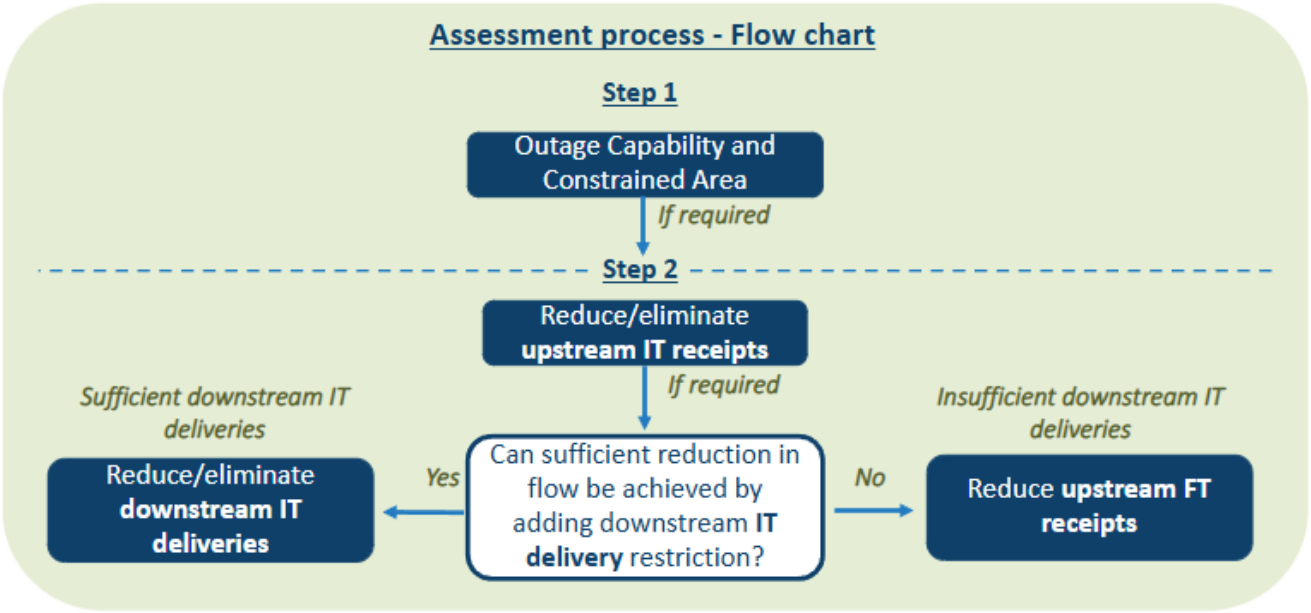


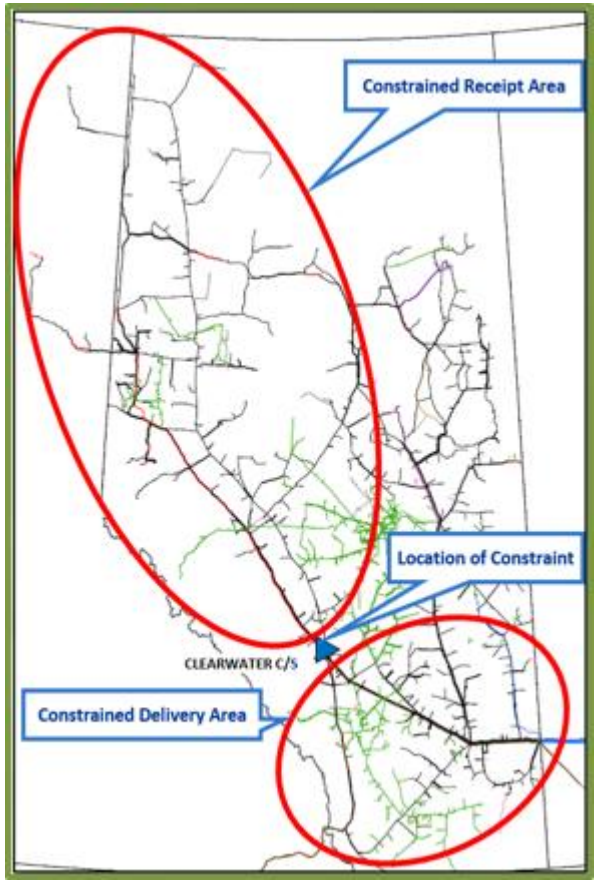
Step 1 - Outage Assessment

- Constrained area is determined based on hydraulic analysis
- Restriction is required if flow is expected to exceed capability in the constrained area

Step 2 – Restriction assessment process

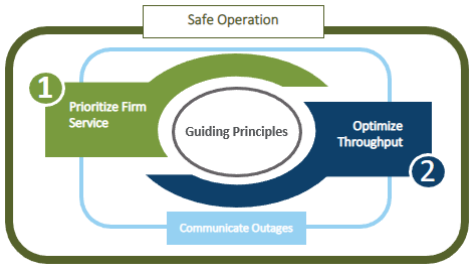
- Applicable under the current system operations
- Applicable to broad area restrictions for most of outages in USJR





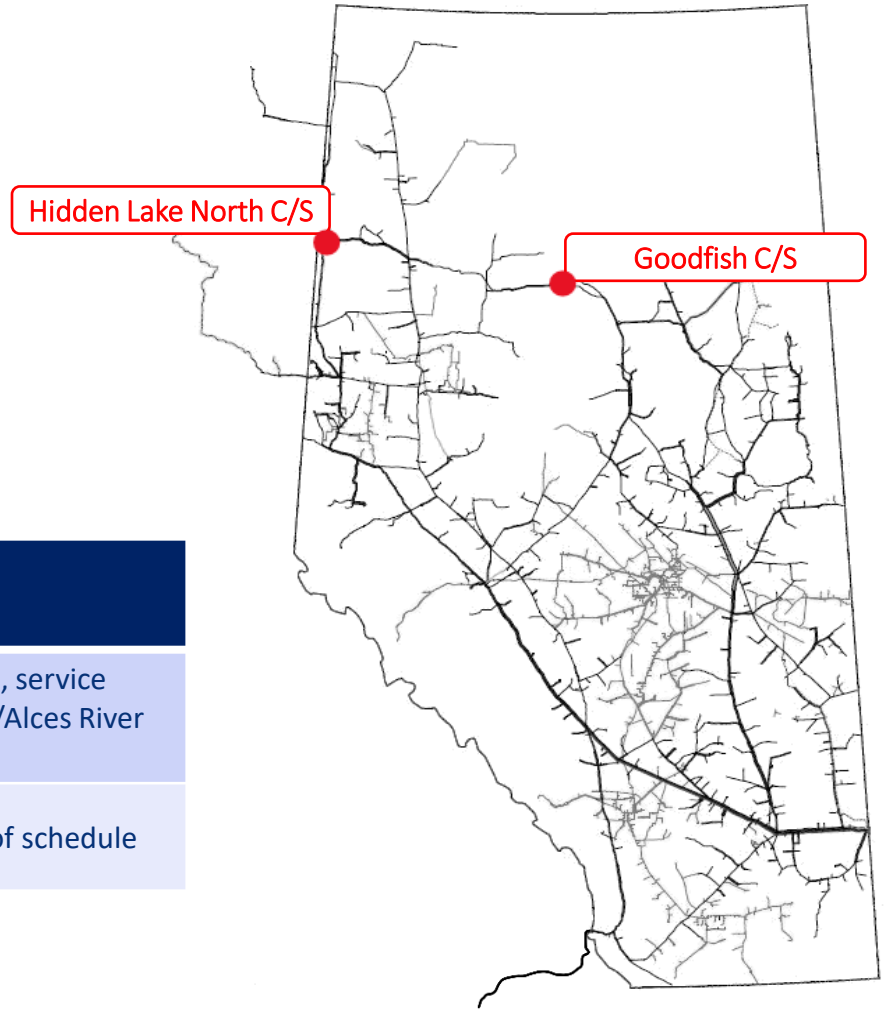
Review of Previous Month’s Operations

Hidden Lake North/Goodfish – Compressor Station Maintenance



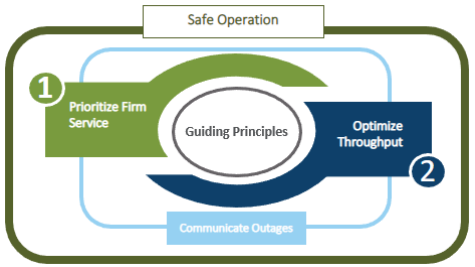
Background:

- Planned:
  - Hidden Lake North Compressor Station Maintenance: Apr 6 – Apr 11
  - Goodfish Compressor Station Maintenance: Apr 6 – Apr 11
- Capability communicated in DOP:
  - April 6 – April 11: 367 10^6m3/d (USJR)
- Service Allowable:
  - USJR: 0% IT-R, 81% FT-R



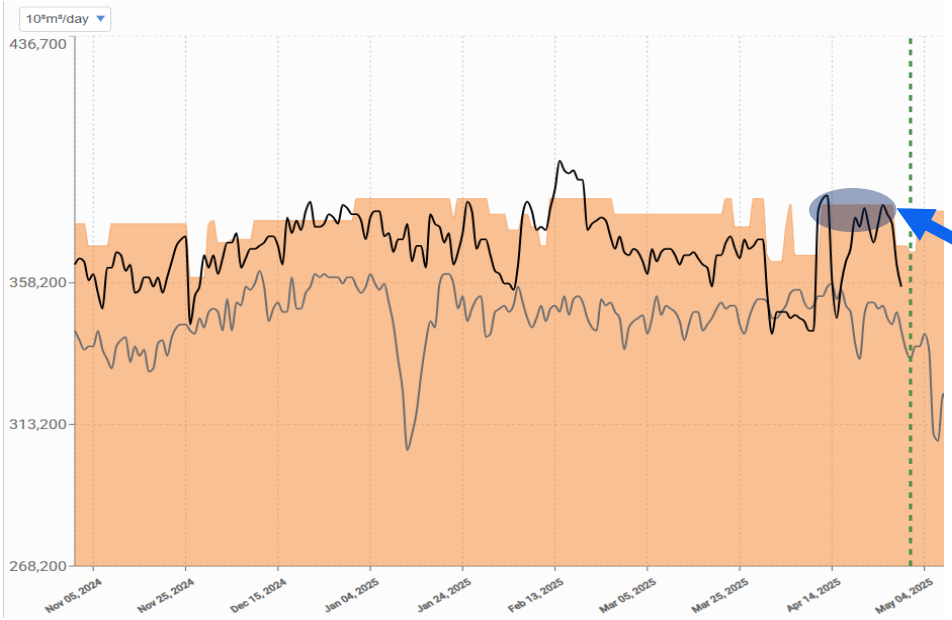
Bulletin Date	Effective Date	Service Allowable	Comments
	Apr 6	0% IT-R, 81% FT-R (USJR)	Hidden Lake North and Goodfish outages began, service authorization from the Otter Lake/Groundbirch/Alces River B3 outage remains in place
Apr 10	Apr 11 (08:00 MST)	100% IT-R, 100% FT-R (USJR)	All facilities returned to service one day ahead of schedule

Upstream Latornell High Utilization and IT-R Service Allowable



Background:

With high system utilization and flows exceeding the area's capability, service authorization levels were adjusted



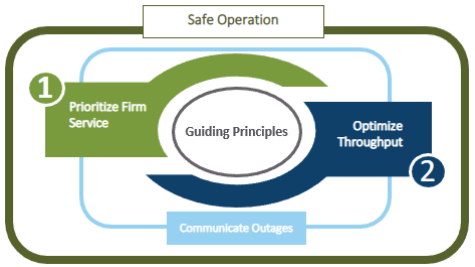
High System Utilization

Capability communicated in DOP:

- April Base Capability: 383 10^6m3/d (USJR)
- Service Allowable:
  - April 15-17: 0% IT-R, 100% FT-R
  - April 18-28: 20% IT-R, 100% FT-R

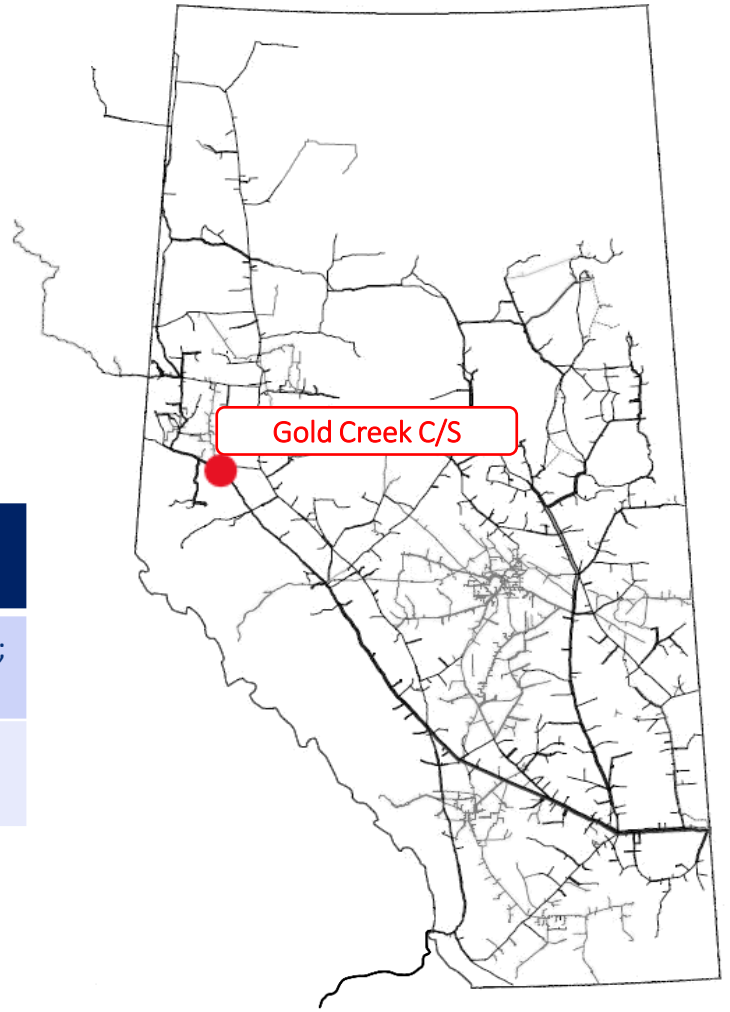
Bulletin Date	Effective Date	Service Allowable	Comments
Apr 14	Apr 15 (08:00 MST)	0% IT-R, 100% FT-R (Upstream Latornell)	With high system utilization and flows exceeding the area's capability; service authorization levels were adjusted
Apr 17	Apr 18 (08:00 MST)	20% IT-R, 100% FT-R (Upstream Latornell)	Service authorization levels adjusted based on current supply and demand distribution and system utilization

Gold Creek– Compressor Station Maintenance



Background:

- Planned:
  - Gold Creek Compressor Station Maintenance: Apr 28 – May 2
- Capability communicated in DOP:
  - April 28 – April 30: 370 10^6m3/d (USJR)
  - May 1 – May 2: 368 10^6m3/d (USJR)
- Service Allowable:
  - USJR: 0% IT-R, 100% FT-R (Upstream of Berland River)

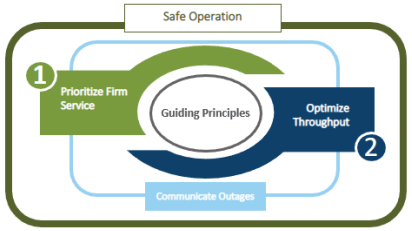


Bulletin Date	Effective Date	Service Allowable	Comments
Apr 23	Apr 28 (08:00 MST)	0% IT-R, 100% FT-R (Upstream of Berland River)	Planned Gold Creek Compressor Station Maintenance begin; service authorization levels adjusted.
			Outage ongoing.

2025 Operational Outlook

(From DOP as of Wednesday, April 30)

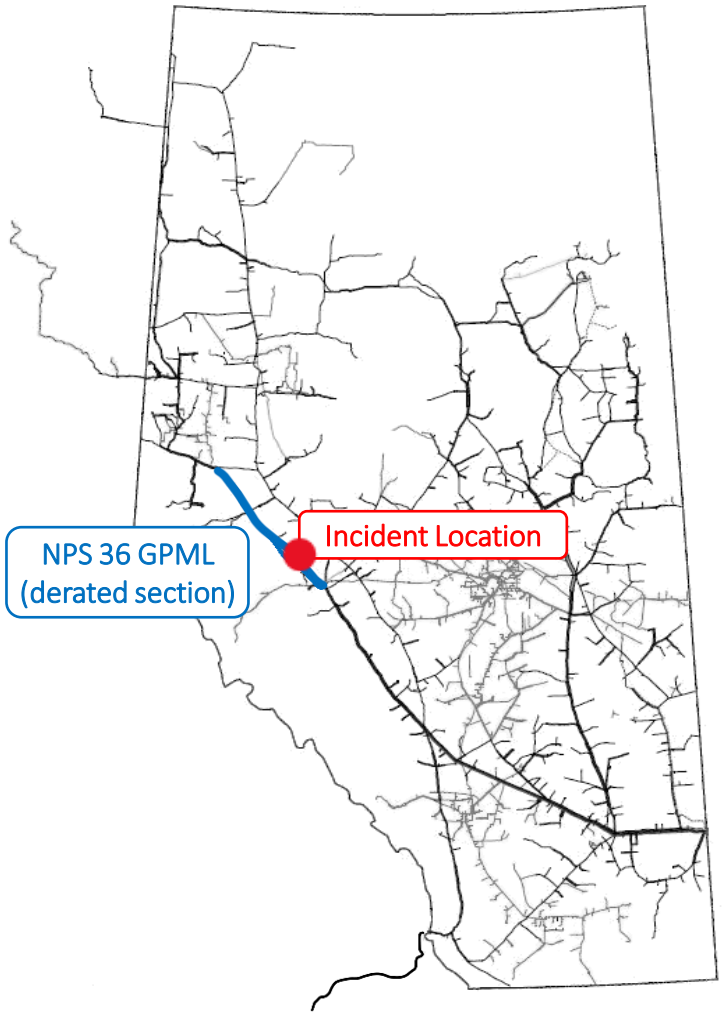
NPS 36 Grande Prairie Mainline (Yellowhead) Incident Update



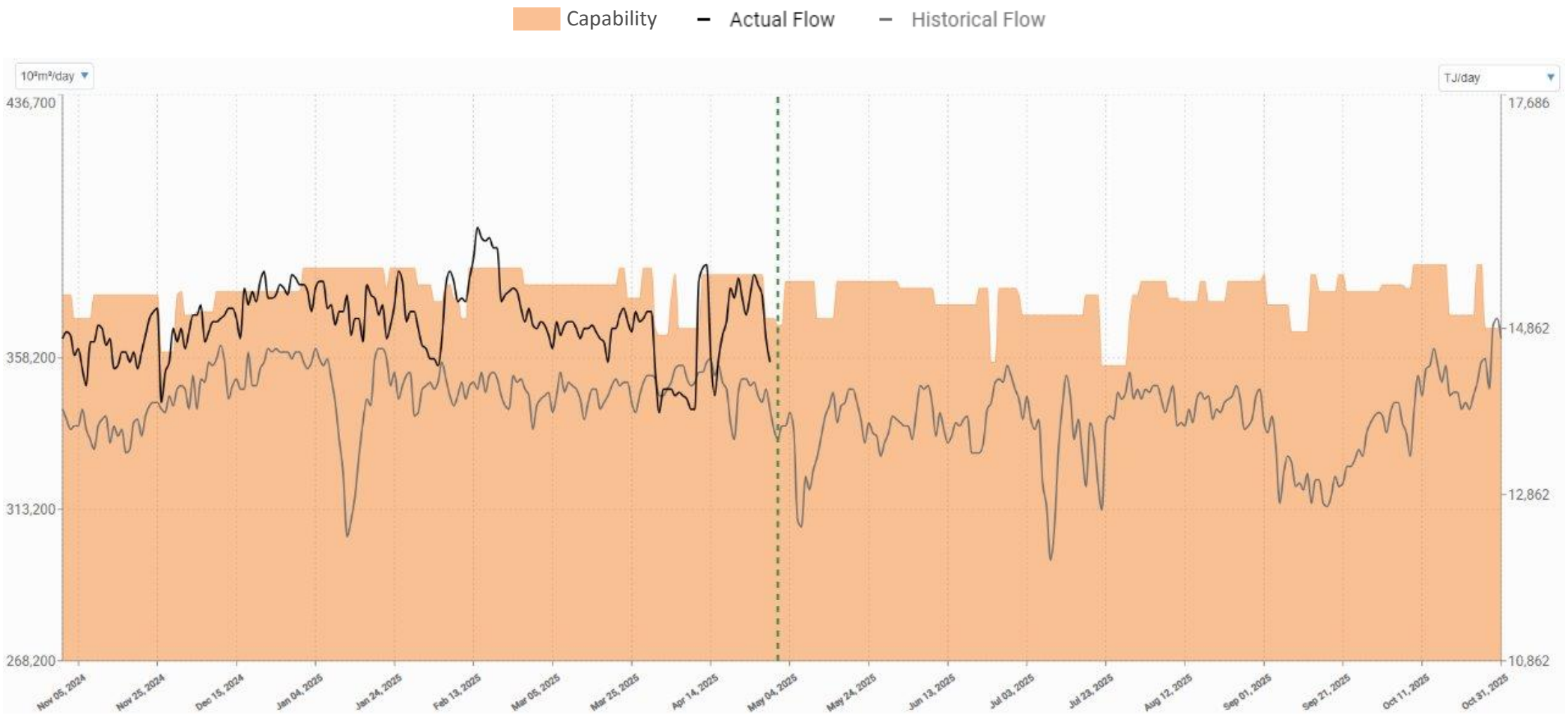
- **June 2024:** Inline Inspection completed
- **November 2024:** Formal report from vendor received
- **Q1/Q2 2025:**
  - Investigative digs/repairs/testing
  - Reconciliation of data and results with Inline Inspection vendors and experts
- **Estimated Q2/Q3 2025:** Engineering Assessment to be submitted to the CER as early as Q2 2025 after which return to service dependent on CER review timeline.

Based on the latest expected timeline, base capabilities and outage capabilities in the DOP charts now assume the pressure derates remain in place until at least July 31, 2025.

Safe return to service is top priority



Upstream James River



Facility Assumptions:

- NPS 36 GPML pressure derates remain in place until July 31, 2025

May not be accurate beyond April 30. 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 ($10^6m^3/d$)	USJR Impact ($10^6m^3/d$)	Area Outage Capability ($10^6m^3/d$)	Outage Area Typical Flows ($10^6m^3/d$)	**Service Allowable Location/Area**
Gold Creek – Compressor Station Maintenance	28-Apr-25	2-May-25	368	13	230	215-235	Potential impact to FT-R USJR U/S Berland
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
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	17	219	210-230	Potential impact to FT-R USJR U/S Latornell
Pipestone Creek – Compressor Station Maintenance	2-Jul-25	17-Jul-25	371	6	228	210-230	Potential impact to FT-R USJR U/S Latornell
NPS 48 Grande Prairie Mainline Loop 2 – Pipeline Maintenance[1]	22-Jul-25	28-Jul-25	356	21	231	230-250	Potential impact to FT-R USJR U/S Emerson Creek
Berland River – Compressor Station Maintenance	23-Jul-25	29-Jul-25	370	7	N/A	355-385	Potential impact to FT-R USJR
NPS 42 Grande Prairie Mainline Loop – Pipeline Maintenance	8-Aug-25	14-Aug-25	376	5	258	230-250	Potential impact to FT-R USJR U/S Emerson
Knight – Compressor Station Maintenance	11-Aug-25	15-Aug-25	375	6	244	215-235	Potential impact to FT-R USJR U/S Berland
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

1. Impact is significantly greater if executed prior to the GPML derate lift. There are ongoing discussions to pursue and investigate all opportunities to minimize impact.

May not be accurate beyond April 30. 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 ($10^6m^3/d$)	USJR Impact ($10^6m^3/d$)	Area Outage Capability ($10^6m^3/d$)	Outage Area Typical Flows ($10^6m^3/d$)	**Service Allowable Location/Area**
Swartz Creek – Compressor Station Maintenance	2-Sep-25	8-Sep-25	374	9	N/A	355-385	Potential impact to FT-R USJR
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 30. Please refer to the DOP on TC Customer Express for current outage information.

Alberta-B.C. Border

(includes both NGTL and Foothills BC outages)

May not be accurate beyond April 30. Please refer to the DOP on TC Customer Express for current outage information.

West Gate Delivery Area (WGAT)

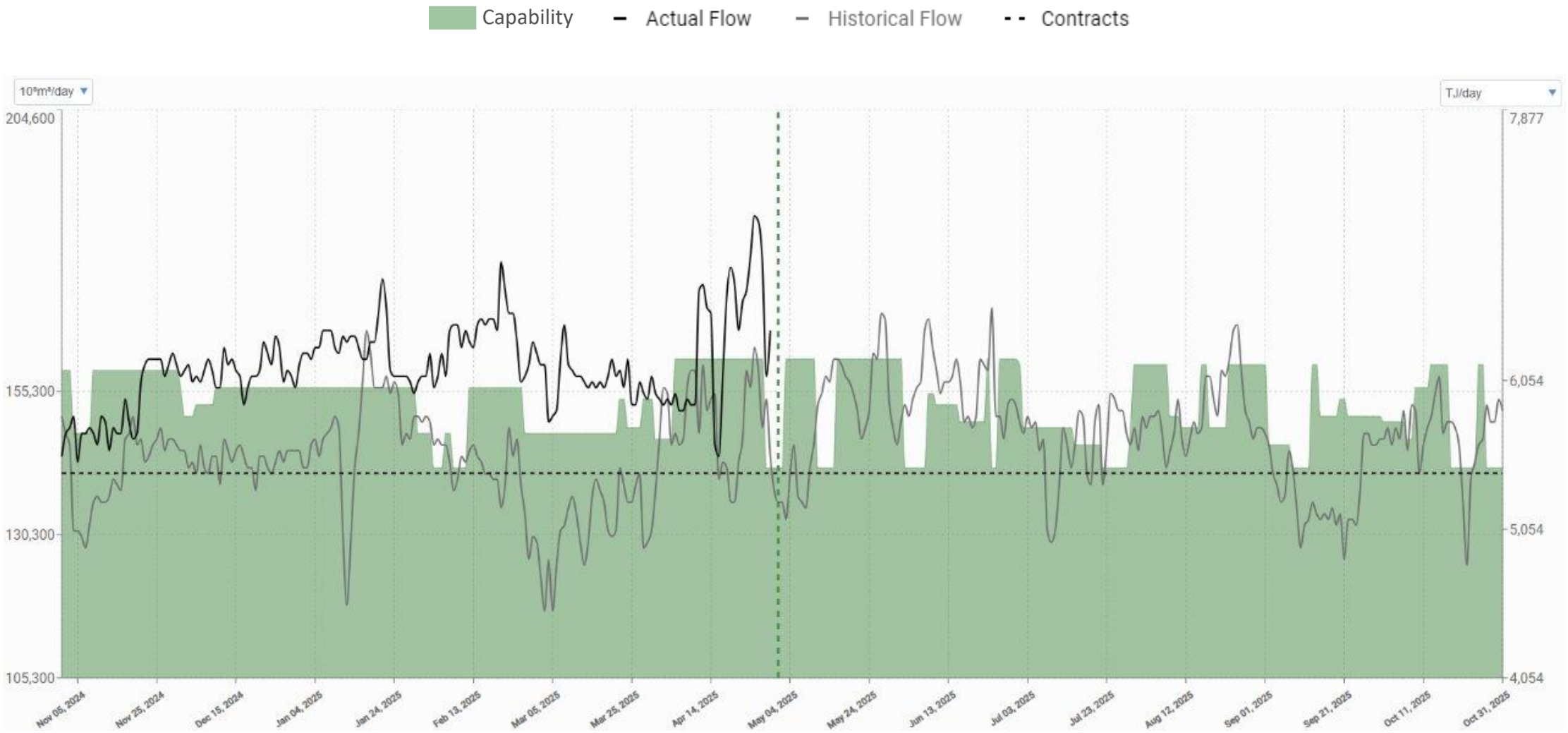
No impact to FT | Potential impact to FT | Partial impact to FT

Outage Description	Start	End	Capability ($10^6m^3/d$)	Impact ($10^6m^3/d$)	Service Allowable Location/Area
NPS 42 WAS Mainline Loop – Pipeline Modification	7-May-25	13-May-25	61	28	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
Moyie – Compressor Station Maintenance	23-Jun-25	27-Jun-25	63	26	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 30. Please refer to the DOP on TC Customer Express for current outage information.

East Gate



May not be accurate beyond April 30. Please refer to the DOP on TC Customer Express for current outage information.

East Gate Delivery Area (EGAT)

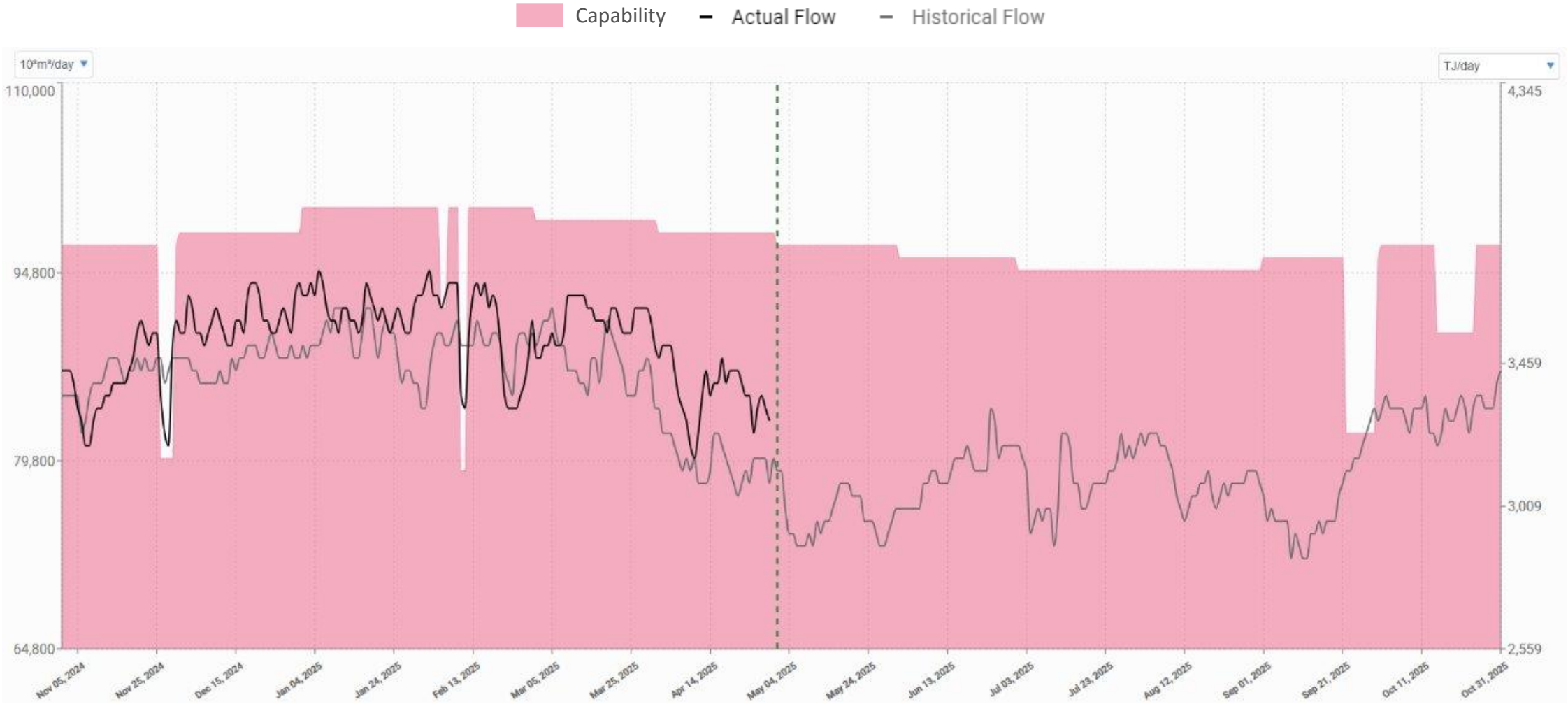
No impact to FT | Potential impact to FT | Partial impact to FT

Outage Description	Start	End	Capability ($10^6m^3/d$)	Impact ($10^6m^3/d$)	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
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	2-Jun-25	7-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
Didsbury – Compressor Station Maintenance	16-Jun-25	22-Jun-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
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 30. Please refer to the DOP on TC Customer Express for current outage information.

Oil Sands Delivery Area



May not be accurate beyond April 30. 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 ($10^6m^3/d$)	NEDA Capability ($10^6m^3/d$)	Impact ($10^6m^3/d$)	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 $10^6m^3/d$ Typical Flow: 62 $10^6m^3/d$
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 $10^6m^3/d$ Typical Flow: 22 $10^6m^3/d$

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 30. Please refer to the DOP on TC Customer Express for current outage information.

CONTACTS

MARKETING REPS

Customer Express Contacts (tccustomerexpress.com)

MINH BADAU

Chair, NGTL/FH Customer Ops

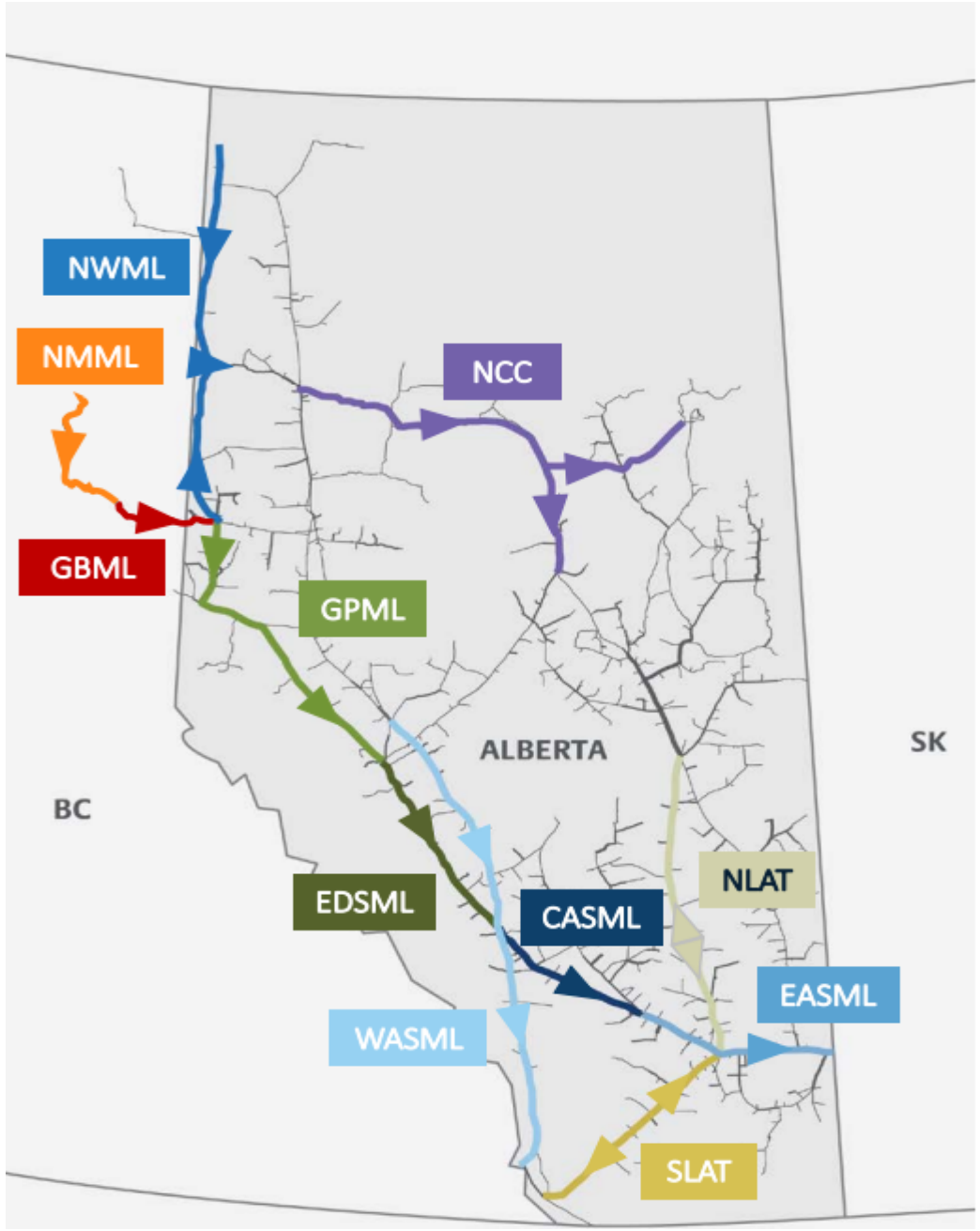
403.920.5804

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)

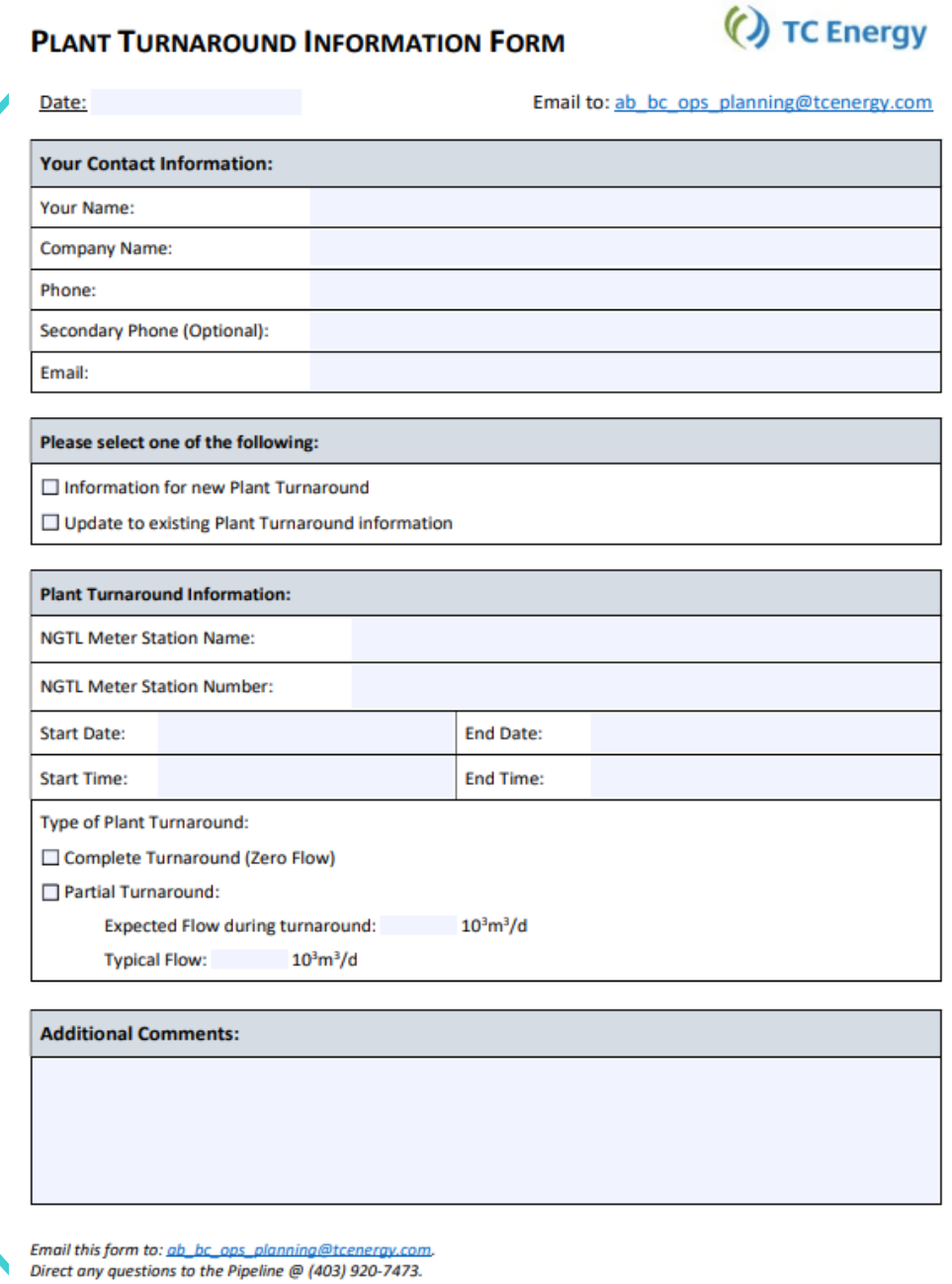
Plant Turnaround Information

- 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

TC Energy

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:	

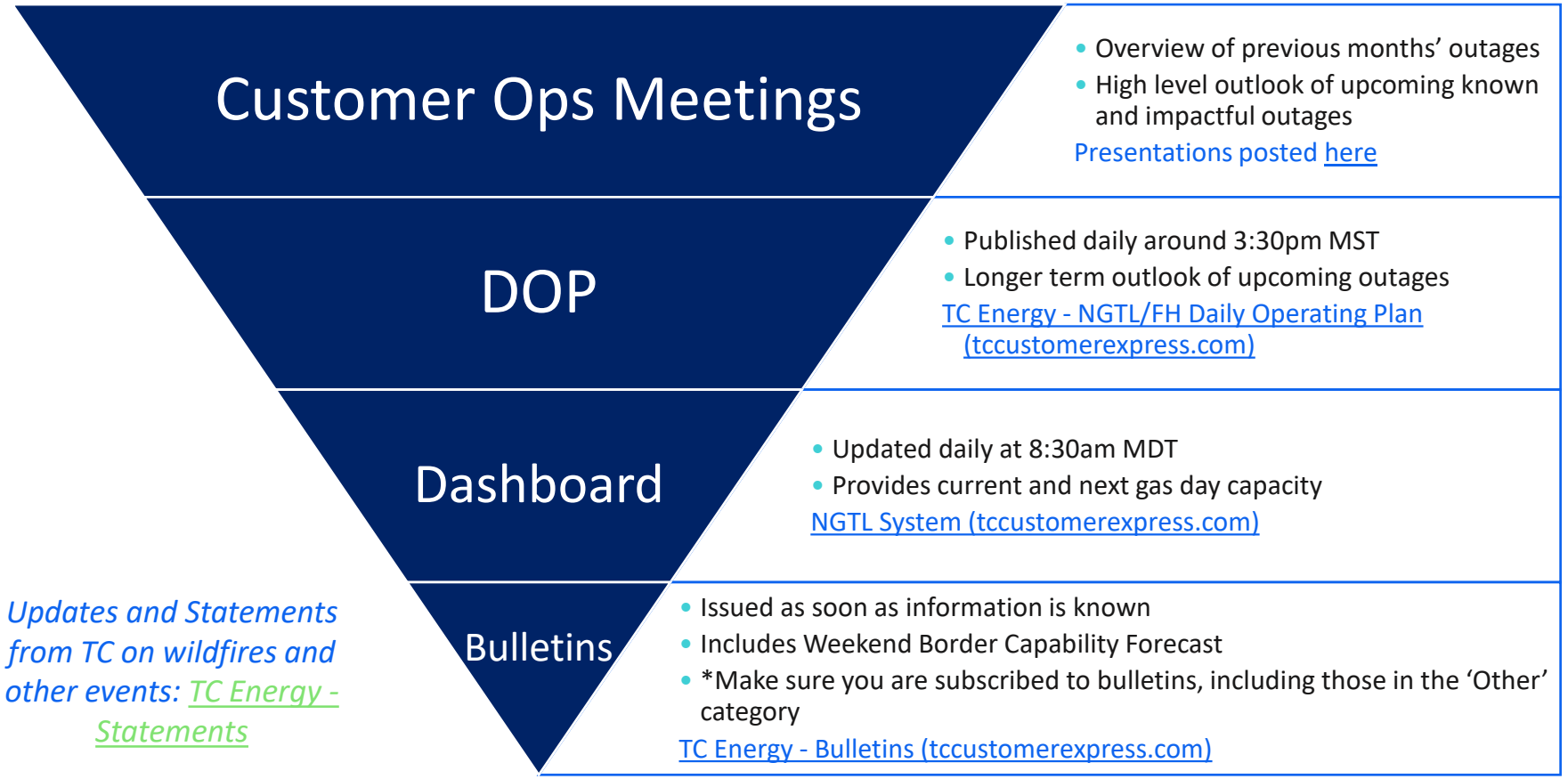
Type of Plant Turnaround:
☐ Complete Turnaround (Zero Flow)
☐ Partial Turnaround:
Expected Flow during turnaround: $10^3m^3/d$
Typical Flow: $10^3m^3/d$

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.



- Overview of previous months' outages
- High level outlook of upcoming known and impactful outages

Presentations posted here

- Published daily around 3:30pm MST
- Longer term outlook of upcoming outages

TC Energy - NGTL/FH Daily Operating Plan (tccustomerexpress.com)

- Updated daily at 8:30am MDT
- Provides current and next gas day capacity

NGTL System (tccustomerexpress.com)

- Issued as soon as information is known
- Includes Weekend Border Capability Forecast
- *Make sure you are subscribed to bulletins, including those in the 'Other' category

TC Energy - Bulletins (tccustomerexpress.com)

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.