



NGTL System and Foothills Pipelines Ltd.

CUSTOMER OPERATIONS MEETING

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 March 4, 2026



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. EGAT Operational Risk Overview/NPS 42 Foothills Zone 6 ILI
3. 2026 Operational Outlook



Summary of System Dynamics

- ❖ **Outage Season is starting this month**
 - ❖ USJR/EGAT/OSDA all have planned posted outages starting this month
- ❖ **Flow volatility and strong utilization across the system continues**
 - ❖ Increased volatility experienced to date could result in temporary increases in production shifted to NGTL
- ❖ **Potential risk to EGAT firm service during planned and unplanned outages**
 - ❖ Further details provided in the EGAT Operational Risk Overview portion of this presentation

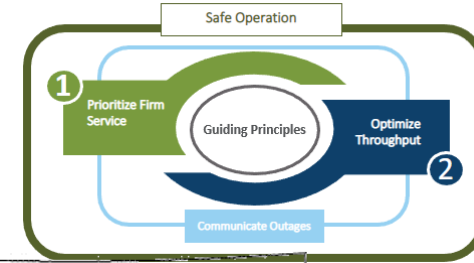
With maintenance season beginning, continue to monitor DOP with the above considerations



Review of Previous Month's Operations

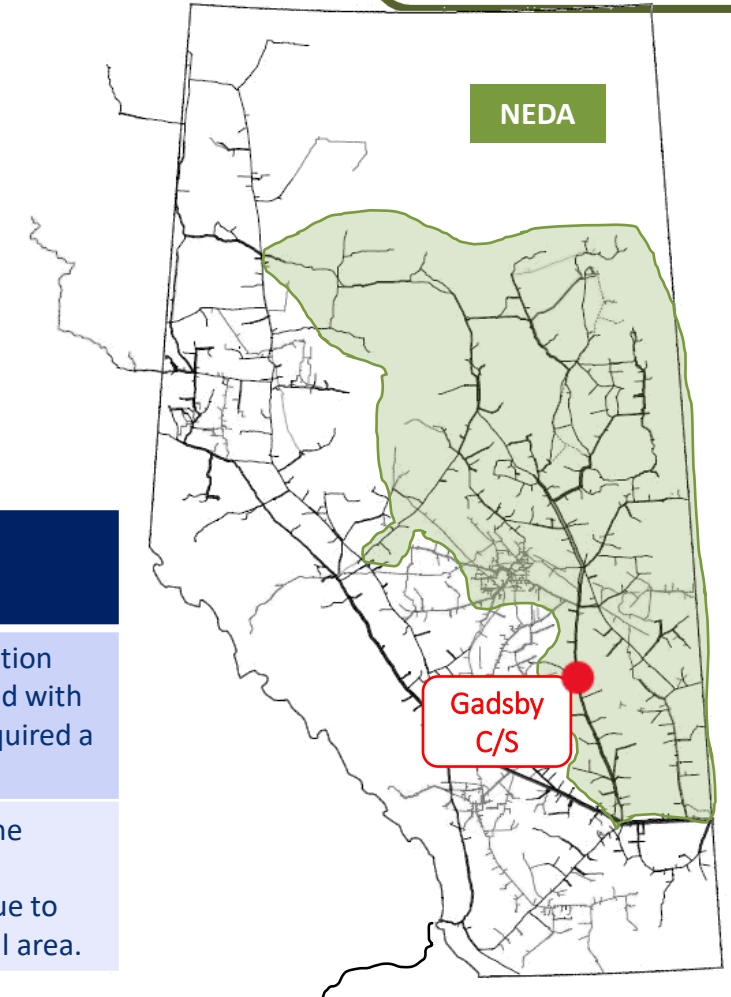


NEDA IT-D – Gadsby C/S + Cold Weather



Background:

- **Unplanned:**
 - Gadsby Compressor Station Maintenance: February 18 – February 23
- **Capability communicated:**
 - NEDA: 128 10⁶m³/d
- **Service Allowable:**
 - NEDA: 0% IT-D, 100% FT-D – February 19 – February 23



Bulletin Date	Effective Date	Service Allowable	Comments
February 19	February 19 (13:00 MST)	NEDA: 0% IT-D, 100% FT-D	Unplanned Gadsby Compressor Station Maintenance and increased demand with forecasted colder temperatures required a change in service allowable.
February 23	February 24 (08:00 MST)	NEDA: 100% IT-D, 100% FT-D	Service authorization adjusted to the NEDA area. Segment 14 and Partial Segment 11 remains at firm only due to ongoing high utilization to that local area.



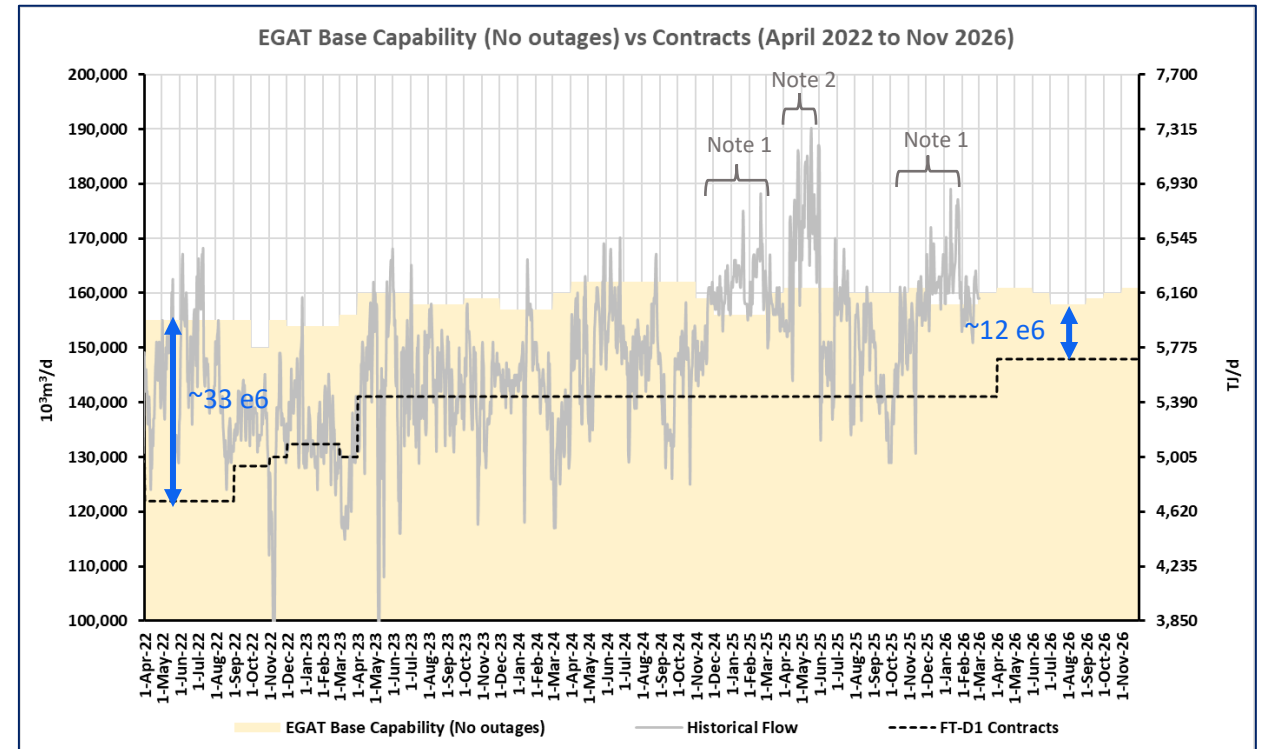
EGAT Operational Risk Overview/NPS 42 Foothills Zone 6 Pipeline Maintenance



EGAT Operational Risk

As EGAT firm contracting has increased over time, the difference between EGAT Base Capability and EGAT Firm has narrowed. Under these conditions, planned or unplanned maintenance events may be more impactful to EGAT firm service.

- Higher firm contract levels: firm contracts at EGAT have increased, reducing the difference between contracted volumes and outage capability.
- Reduced operational flexibility: there is less flexibility to avoid service impacts due to maintenance



Note 1: Flows exceeded our capability due to storage withdraws (receipts) in the Central area supporting a higher capability on the day.

Note 2: Flows exceeded our capability due to low WGAT flows (downstream restrictions) and low NLAT flow due to lower oilsands demand.



NPS 42 Foothills Zone 6 – Pipeline Maintenance

Planned Outage: NPS 42 Foothills Zone 6 Pipeline Maintenance

Duration: November 1 to November 6

Firm Contracts: expected to increase to 148 10⁶m³/d by Q2/Q3 2026

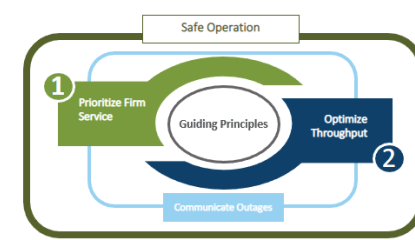
Outage Capability communicated in DOP:

- Nov 1 – 3: 145 10⁶m³/d
- Nov 4 – 6: 135 10⁶m³/d

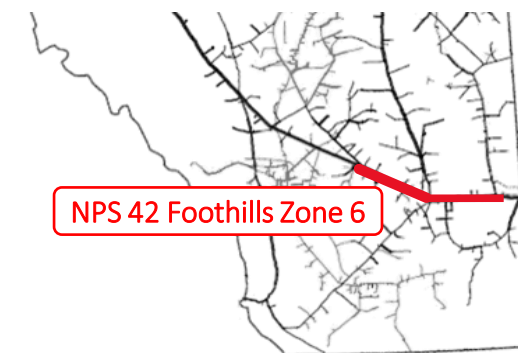
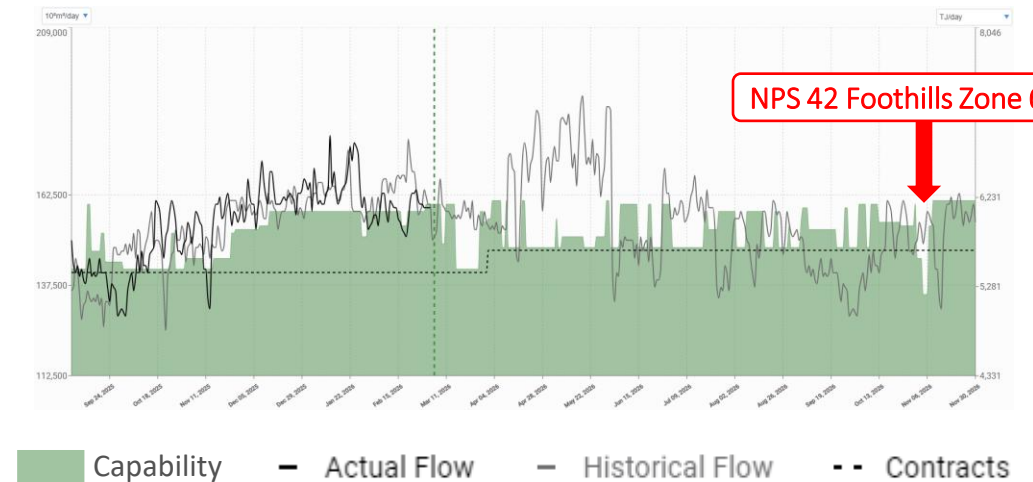
Why is this outage significant?

- **Distance:** ~170 km of one continuous inline inspection (ILI)
- **Complexity:**
 - Multiple compressor stations offline or bypassed during the run and unable to operate
 - A single inspection run from start to finish will last over a day
 - Potential impact to EGAT which includes intra and key export to multiple different downstream pipelines and markets (Mainline & FHSK/NoBo)

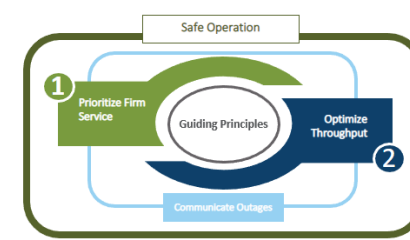
This planned maintenance has the potential to impact EGAT FT-D service



EGAT



NPS 42 Foothills Zone 6 – Pipeline Maintenance

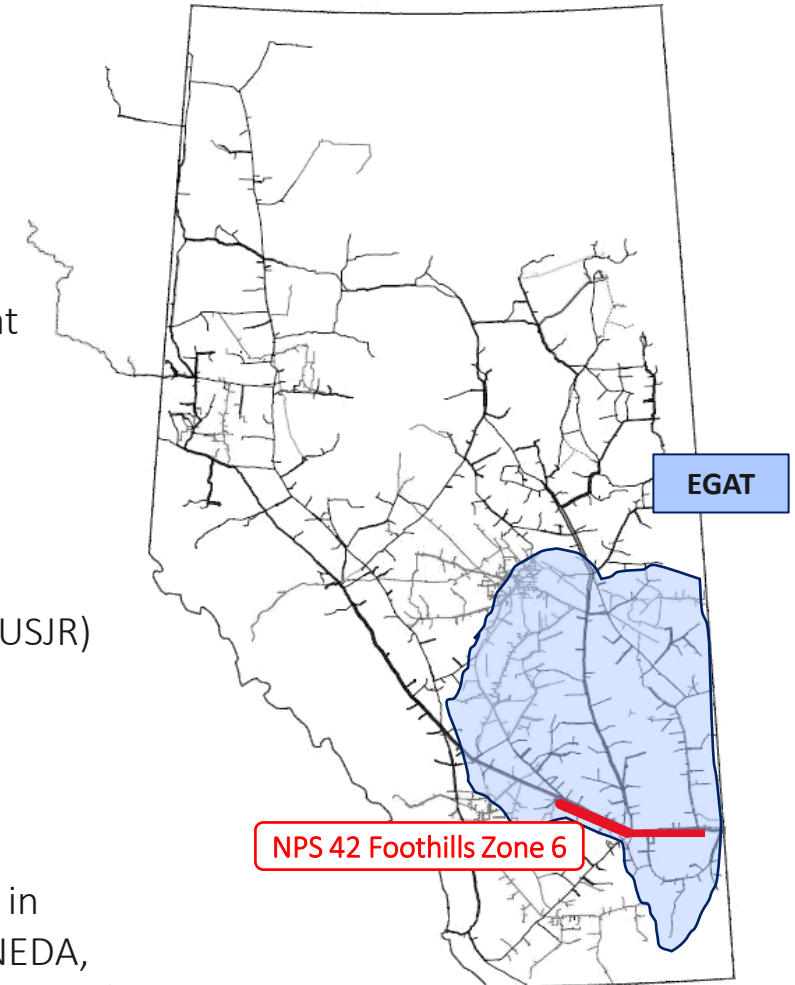


What are we doing to reduce risk?

- **OBA:** Pre-positioning prior to the outage
- **Tool Selection:** Working closely with the ILI vendor to maximize tool speeds
- **Resourcing:** Ensuring regional resources are prepared and strategically placed to minimize response times and manage any unplanned events during this window
- **Outage Bundling:** Maximizing the opportunity to do maintenance on facilities that cannot be utilized during execution of this ILI

Why would this outage be managed by reducing IT-D/FT-D?

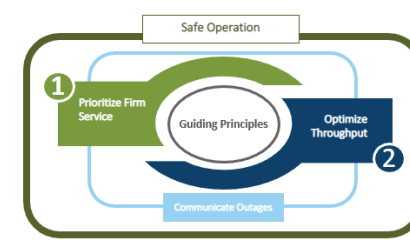
- This outage impacts the local EGAT area capability
- **Geographic Location and Capacity Impact:** within the local lower EGAT area (not USJR)
- **Demand Reduction:** Required to occur within the local lower EGAT area
 - Local deliverability impact (i.e. ability to deliver to EGAT area impacted)
 - Why can't this be managed with a reduction in USJR FT-R?
 - Reduction of FT-R could result in an associated reduction in demand in delivery areas outside of the lower EGAT area (For example: WGAT, NEDA, or OSDA) which would have no benefit



*Shaded area for illustrative purposes only.



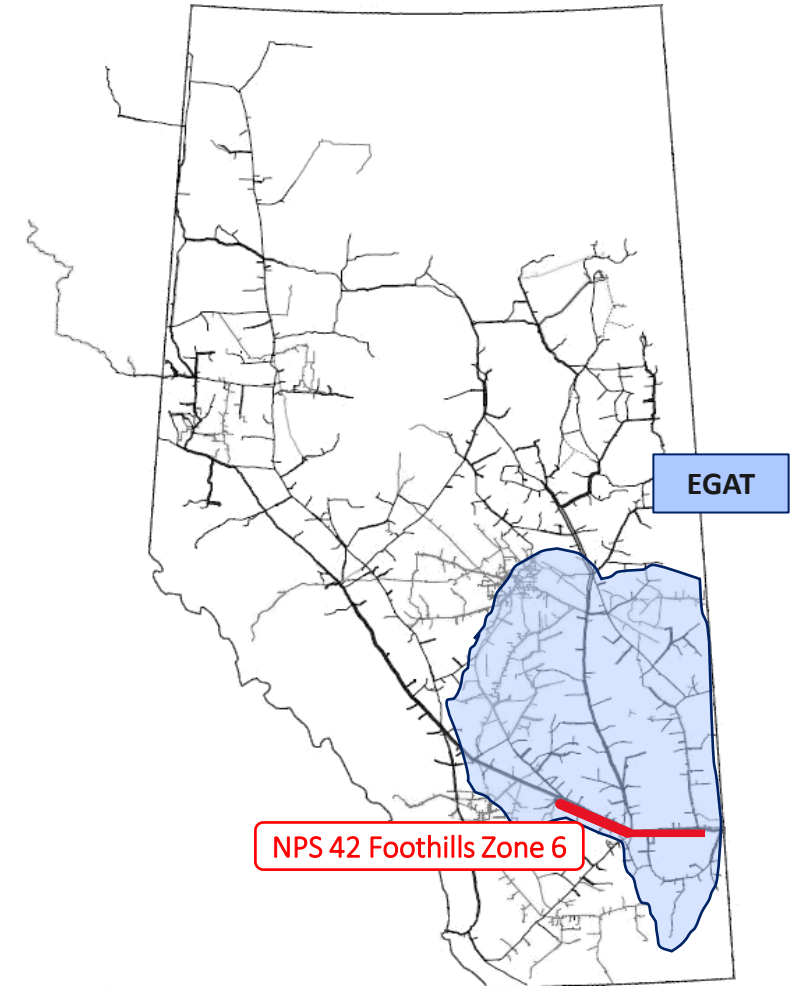
NPS 42 Foothills Zone 6 – Pipeline Maintenance



What are the factors that could potentially impact service authorization?

- **Intra-demand:** Is utilization in the EGAT area high (ex. cooler weather)?
 - If yes, there is increased risk to firm service
- **Empress/McNeill Export:** Are export flows at EGAT high?
 - If yes, there is increased risk to firm service
- **Storage:** Is storage within EGAT in net withdrawal or net injection?
 - Net storage withdrawal is beneficial to EGAT capability

Service authorization levels will be dependent on the utilization at the time of the outage. Continue to monitor DOP and NGTL bulletins for the latest service authorization levels



*Shaded area for illustrative purposes only.



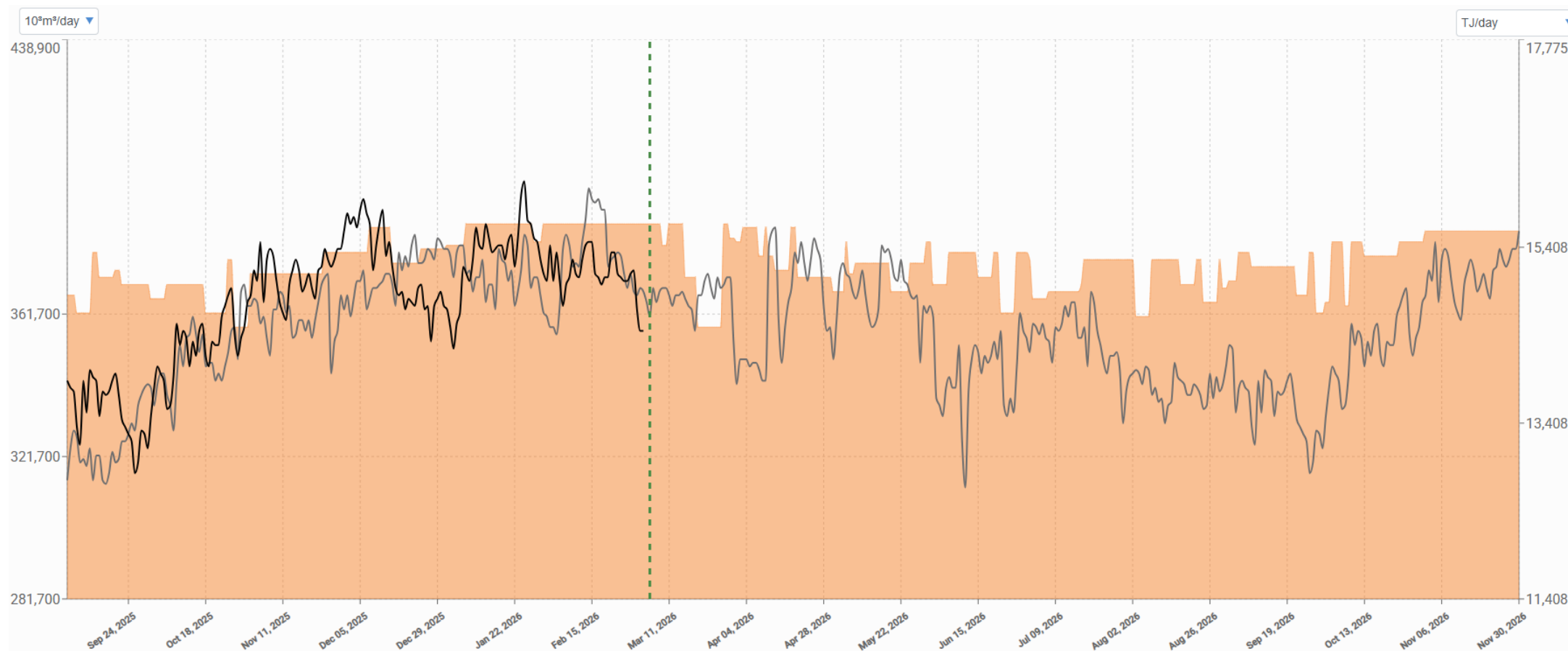
2026 Operational Outlook

(From DOP as of Wednesday, March 4)



Upstream James River

Capability Actual Flow Historical Flow



Facility Assumptions:

- NPS 36 GPML pressure derates remain in place until end of 2026
- Berland River Unit Addition expected in service in late Q2 / early Q3. Increase in capacity associated with the facility addition is currently not included in the charts but will be added once there is more certainty of in-service dates



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
Woodenhouse C3 – Compressor Station Maintenance	09-Mar-26	10-Mar-26	381	6	245	205-250	Potential impact to FT-R USJR U/S Berland River
NPS 42 Edson Mainline Loop – Pipeline Maintenance	16-Mar-26	19-Mar-26	372	15	N/A	340-385	Potential impact to FT-R USJR
NPS 42 Edson Mainline Loop – Pipeline Maintenance	20-Mar-26	27-Mar-26	358	29	N/A	340-385	Potential impact to FT-R USJR
Gold Creek B3 – Compressor Station Maintenance	30-Mar-26	31-Mar-26	382	5	246	205-250	Potential impact to FT-R USJR U/S Berland River
Nordegg B – Compressor Station Maintenance	30-Mar-26	2-Apr-26	383	4	N/A	340-385	Potential impact to FT-R USJR
Alces River B3 – Compressor Station Maintenance	8-Apr-26	9-Apr-26	378	8	242	205-250	Potential impact to FT-R USJR U/S Berland River
Goodfish A2 – Compressor Station Maintenance	8-Apr-26	9-Apr-26	378	8	242	205-250	Potential impact to FT-R USJR U/S Berland River
Goodfish A1 – Compressor Station Maintenance	11-Apr-26	17-Apr-26	378	8	242	205-250	Potential impact to FT-R USJR U/S Berland River
Hidden Lake North – Compressor Station Maintenance	13-Apr-26	17-Apr-26	374	12	238	205-250	Potential impact to FT-R USJR U/S Berland River
Otter Lake – Compressor Station Maintenance	20-Apr-26	04-May-26	372	14	236	205-250	Potential impact to FT-R USJR U/S Berland River
Latornell A2 – Compressor Station Maintenance	6-May-26	7-May-26	373	9	N/A	340-385	Potential impact to FT-R USJR
Swartz Creek A1 – Compressor Station Maintenance	6-May-26	29-May-26	376	6	N/A	340-385	Potential impact to FT-R USJR

May not be accurate beyond March 4. 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	19-May-26	23-May-26	370	12	270	240-285	Potential impact to FT-R USJR U/S Emerson Creek
NPS 48 Grande Prairie Mainline Loop 4 – Pipeline Maintenance	19-May-26	24-May-26	368	14	268	240-285	Potential impact to FT-R USJR U/S Emerson Creek
Berland River – Compressor Station Maintenance	01-Jun-26	05-Jun-26	370	9	278	250-295	Potential impact to FT-R USJR U/S Edson
Latornell A1 – Compressor Station Maintenance	15-Jun-26	19-Jun-26	372	7	280	250-295	Potential impact to FT-R USJR U/S Edson
Meikle River D5 – Compressor Station Maintenance	22-Jun-26	26-Jun-26	362	17	226	205-250	Potential impact to FT-R USJR U/S Berland River
Gold Creek – Compressor Station Maintenance	02-Jul-26	06-Jul-26	366	11	266	240-285	Potential impact to FT-R USJR U/S Emerson Creek
Emerson Creek A1 – Compressor Station Maintenance	05-Jul-26	09-Jul-26	371	6	N/A	340-385	Potential impact to FT-R USJR
NPS 30 Western Alberta System Mainline – Pipeline Maintenance	07-Jul-26	16-Jul-26	368	9	N/A	340-385	Potential impact to FT-R USJR
Emerson Creek – Compressor Station Maintenance	08-Jul-26	09-Jul-26	369	8	N/A	340-385	Potential impact to FT-R USJR
Emerson Creek B2 – Compressor Station Maintenance	08-Jul-26	11-Jul-26	371	6	N/A	340-385	Potential impact to FT-R USJR
Meikle River B2 – Compressor Station Maintenance	13-Jul-26	17-Jul-26	370	7	270	240-285	Potential impact to FT-R USJR U/S Emerson Creek
Meikle River C – Compressor Station Maintenance	03-Aug-26	07-Aug-26	361	16	225	205-250	Potential impact to FT-R USJR U/S Berland River

May not be accurate beyond March 4. 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

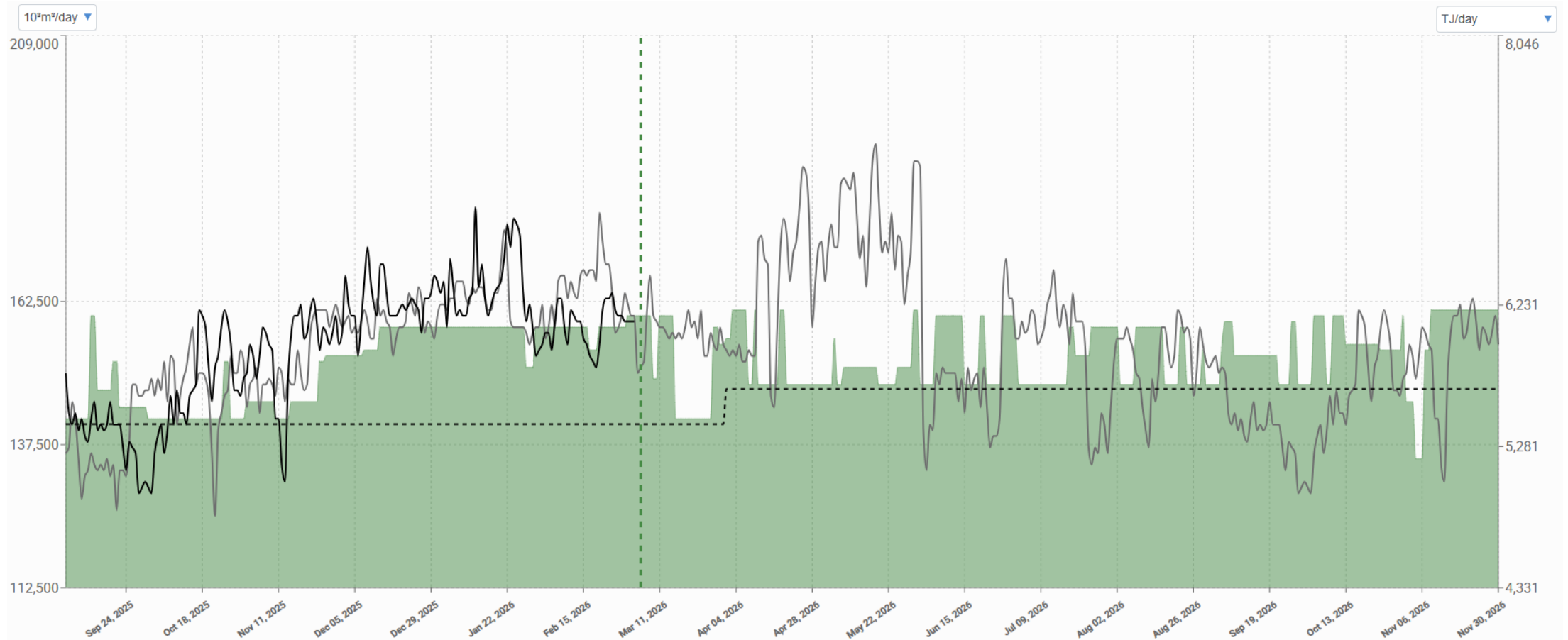
Outage Description	Start	End	USJR Outage Capability (10 ⁶ m ³ /d)	USJR Impact (10 ⁶ m ³ /d)	Area Outage Capability (10 ⁶ m ³ /d)	Outage Area Typical Flows (10 ⁶ m ³ /d)	Service Allowable Location/Area
Latornell A2 – Compressor Station Maintenance	17-Aug-26	21-Aug-26	370	7	278	250-295	Potential impact to FT-R USJR U/S Edson
Swartz Creek A2 – Compressor Station Maintenance	19-Aug-26	20-Aug-26	370	7	278	250-295	Potential impact to FT-R USJR U/S Edson
Goodfish – Compressor Station Maintenance	24-Aug-26	28-Aug-26	365	12	229	205-250	Potential impact to FT-R USJR U/S Berland River
Knight – Compressor Station Maintenance	30-Aug-26	03-Sep-26	369	8	N/A	340-385	Potential impact to FT-R USJR
Alces River – Compressor Station Maintenance	08-Sep-26	22-Sep-26	375	4	239	205-250	Potential impact to FT-R USJR U/S Berland River
Otter Lake – Compressor Station Maintenance	22-Sep-26	25-Sep-26	367	12	231	205-250	Potential impact to FT-R USJR U/S Berland River
Meikle River C – Compressor Station Maintenance	28-Sep-26	02-Oct-26	362	17	226	205-250	Potential impact to FT-R USJR U/S Berland River
Meikle River D5 – Compressor Station Maintenance	07-Oct-26	08-Oct-26	364	18	228	205-250	Potential impact to FT-R USJR U/S Berland River
Nordegg B – Compressor Station Maintenance	13-Oct-26	23-Oct-26	378	4	N/A	340-385	Potential impact to FT-R USJR

May not be accurate beyond March 4. 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 March 4. 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
Red Deer River A2 – Compressor Station Maintenance	16-Mar-26	30-Mar-26	158	2	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	05-May-26	08-May-26	156	5	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Clearwater A6 – Compressor Station Maintenance	11-May-26	15-May-26	157	4	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	19-May-26	21-May-26	156	5	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Acme – Compressor Station Maintenance	15-Jun-26	19-Jun-26	154	6	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Red Deer River – Compressor Station Maintenance	02-Jul-26	11-Jul-26	154	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 but have been excluded from this slide to avoid duplication

May not be accurate beyond March 4. 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
Crawling Valley – Compressor Station Maintenance	11-Jul-26	17-Jul-26	154	4	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Schrader Creek – Compressor Station Maintenance	20-Jul-26	24-Jul-26	153	5	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	29-Aug-26	04-Sep-26	154	4	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	24-Oct-26	30-Oct-26	154	6	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Jenner – Compressor Station Maintenance	02-Nov-26	08-Nov-26	154	7	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	01-Nov-26	03-Nov-26	145	16	Potential impact to FT-D Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
NPS 42 Foothills Zone 6 – Pipeline Maintenance	04-Nov-26	06-Nov-26	135	26	Potential impact to FT-D 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

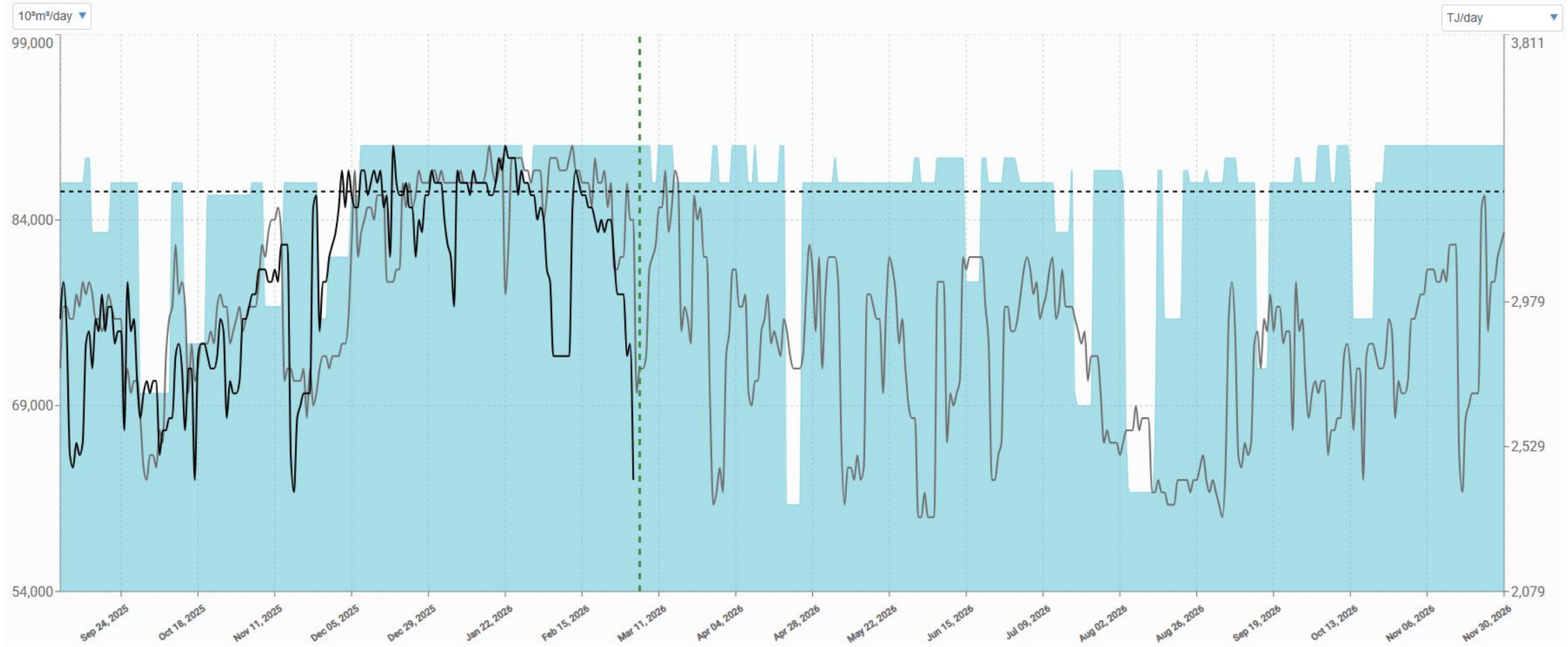
May not be accurate beyond March 4. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Alberta-B.C. Border

(includes both NGTL and Foothills BC outages)

■ Capability
 — Actual Flow
 — Historical Flow
 - - Contracts



May not be accurate beyond March 4. 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
NPS 42 WAS Mainline Loop – Pipeline Maintenance	20-Apr-26	24-Apr-26	79	11	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders Segment 22 and Partial 21
Moyie – Compressor Station Maintenance	20-Apr-26	24-Apr-26	61	29	Potential Impact to FT Foothills BC
Crowsnest B – Compressor Station Maintenance	15-Jun-26	19-Jun-26	79	10	Potential Impact to FT Foothills BC
NPS 36 Foothills Zone 8 Segment 3 – Pipeline Maintenance	13-Jul-26	17-Jul-26	83	5	Potential Impact to FT Foothills BC
Burton Creek – Compressor Station Maintenance	19-Jul-26	24-Jul-26	70	18	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
NPS 36 Foothills Zone 8 Segment 4 – Pipeline Maintenance	20-Jul-26	24-Jul-26	69	19	Potential Impact to FT Foothills BC
Crowsnest A – Compressor Station Maintenance	04-Aug-26	13-Aug-26	67	21	Potential Impact to FT Foothills BC
NPS 36 BC Mainline – Pipeline Maintenance	05-Aug-26	12-Aug-26	62	26	Potential Impact to FT Foothills BC

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 March 4. 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
Burton Creek A3 – Compressor Station Maintenance	16-Aug-26	21-Aug-26	76	12	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Elko – Compressor Station Maintenance	14-Sep-26	17-Sep-26	72	17	Potential Impact to FT Foothills BC
Turner Valley A1 & A2 – Compressor Station Maintenance	14-Oct-26	20-Oct-26	76	14	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders Segment 22 and Partial 21

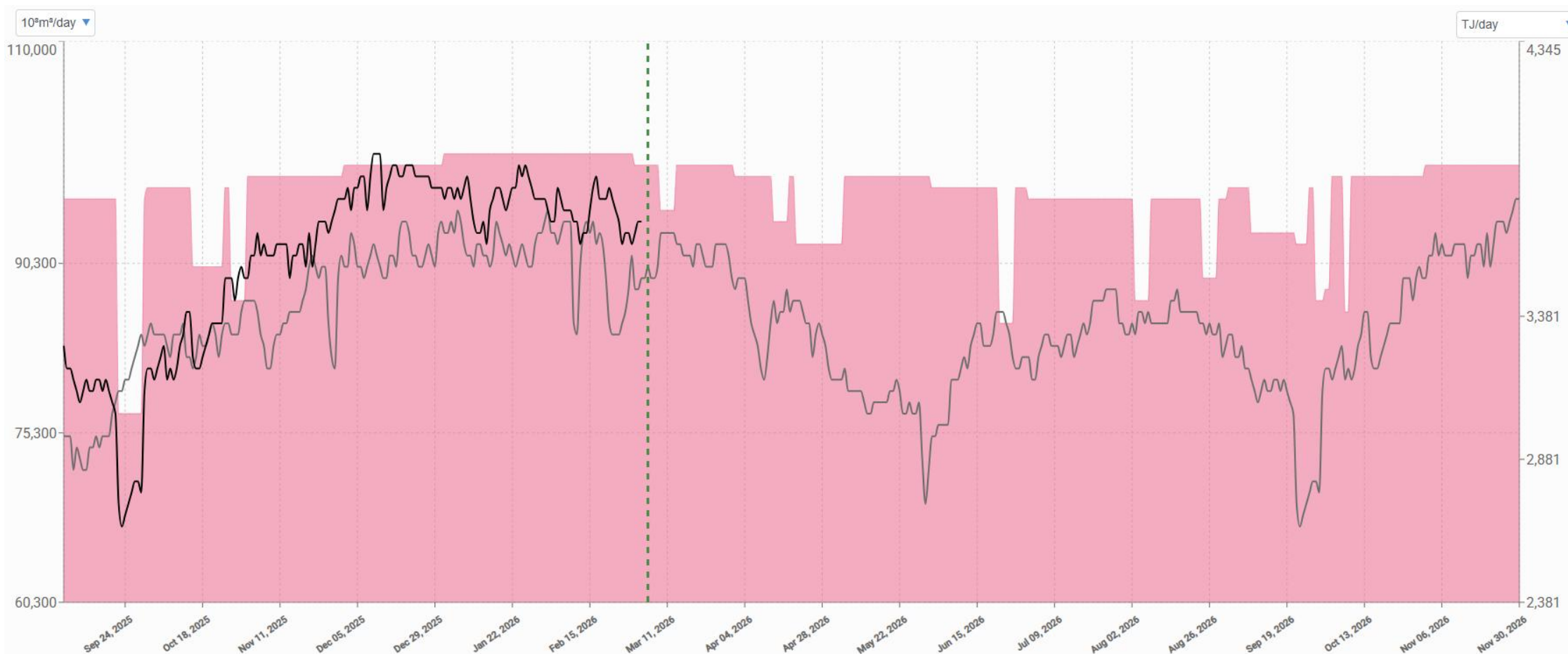
Note: Outages located in the USJR area show up in the WGAT table in DOP to indicate a broad area restriction could be applied to reduce flows through the bottleneck but have been excluded from this slide to avoid duplication

May not be accurate beyond March 4. 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 March 4. 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
Meikle River C3 – Compressor Station Maintenance	09-Mar-26	13-Mar-26	95	125	4	Potential impact to FT-D NEDA
Hidden Lake North – Compressor Station Maintenance	13-Apr-26	17-Apr-26	94	117	4	Potential impact to FT-D NEDA
Otter Lake – Compressor Station Maintenance	20-Apr-26	04-May-26	92	115	6	Potential impact to FT-D NEDA
Meikle River D5 – Compressor Station Maintenance	22-Jun-26	26-Jun-26	85	108	12	Potential impact to FT-D NEDA
Meikle River C – Compressor Station Maintenance	03-Aug-26	07-Aug-26	87	110	9	Potential impact to FT-D NEDA
Goodfish – Compressor Station Maintenance	24-Aug-26	28-Aug-26	89	112	7	Potential impact to FT-D NEDA
Woodenhouse C3 – Compressor Station Maintenance	08-Sep-26	21-Sep-26	93	N/A	4	Potential impact to FT-D OSDA

Note: Some of these outages are included in the OSDA table of the DOP for visibility purposes. Their area of impact is expected to be different that the standard OSDA definition.

May not be accurate beyond March 4. 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
Otter Lake – Compressor Station Maintenance	22-Sep-26	25-Sep-26	92	114	5	Potential impact to FT-D NEDA
Meikle River C – Compressor Station Maintenance	28-Sep-26	02-Oct-26	87	110	10	Potential impact to FT-D NEDA
Meikle River D5 – Compressor Station Maintenance	07-Oct-26	08-Oct-26	86	108	12	Potential impact to FT-D NEDA

Note: These outages are included in the OSDA table of the DOP for visibility purposes. Their area of impact is expected to be different that the standard OSDA definition.

May not be accurate beyond March 4. Please refer to the [DOP](#) on TC Customer Express for current outage information.



Summary

- ❖ **Outage Season is starting this month**
 - ❖ USJR/EGAT/OSDA all have planned posted outages starting this month
- ❖ **Flow volatility and strong utilization across the system continues**
 - ❖ Increased volatility experienced to date could result in temporary increases in production shifted to NGTL
- ❖ **Potential risk to EGAT firm service during planned and unplanned outages**
 - ❖ Further details provided in the EGAT Operational Risk Overview portion of this presentation

With maintenance season beginning, continue to monitor DOP with the above considerations



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



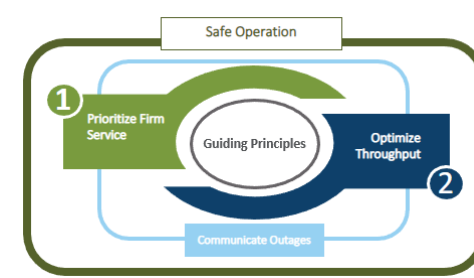
Additional Resources



Glossary of Terms

- ❖ **DOP:** Daily Operating Plan [DOP](#)
- ❖ **NGTL:** NGTL System - pipeline system located in Alberta and NE BC
- ❖ **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

Broad Area Restriction – Assessment Process

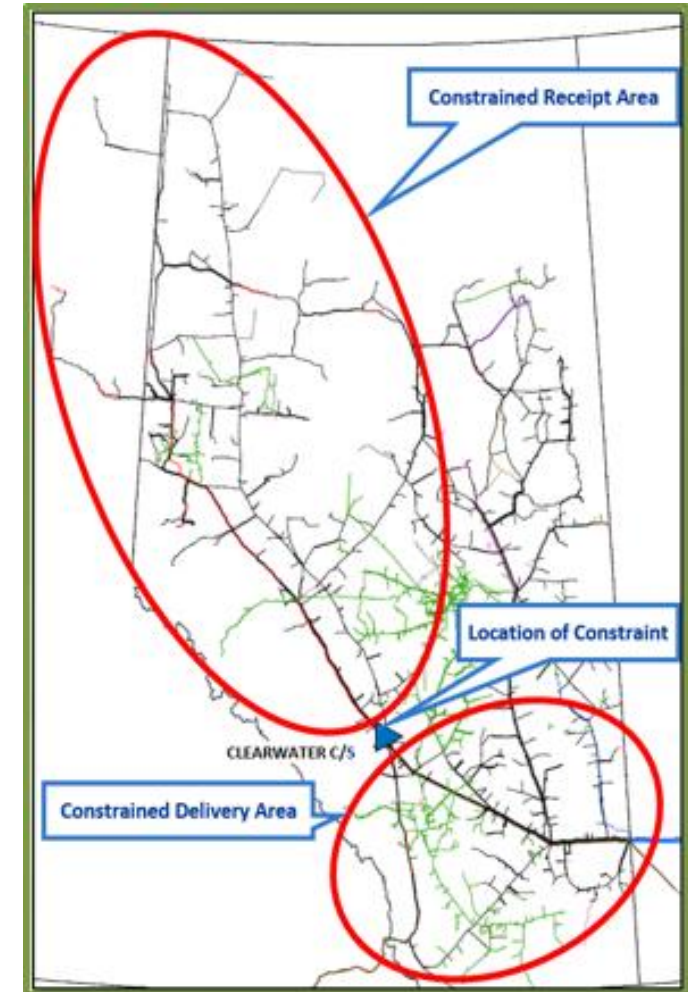
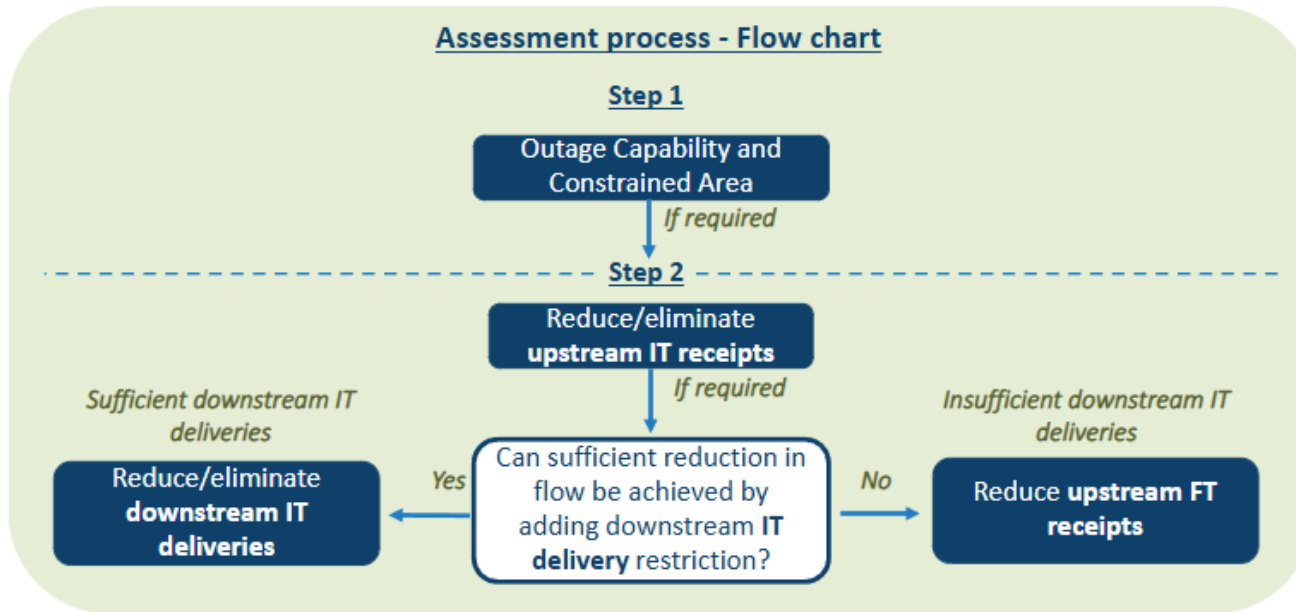


Step 1 - Outage Assessment

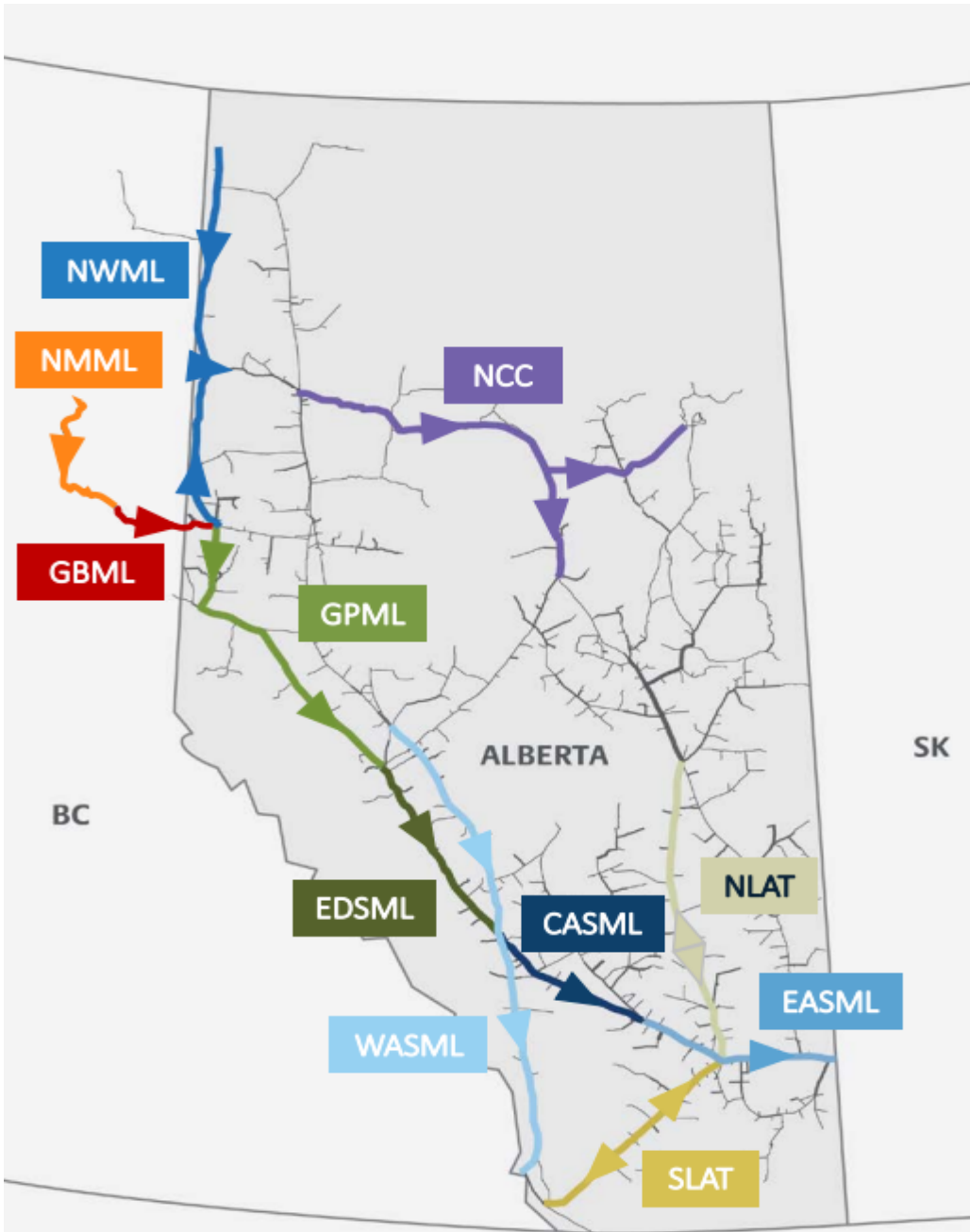
- Constrained area is determined based on hydraulic analysis
- Restriction is required if flow is expected to exceed capability in the constrained area

Step 2 – Restriction assessment process

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



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

- Customer Plant Turnaround Information is important to TC for planning outage execution and determining service-level impact required.
- Allows NGTL to be proactive instead of reactive to flow situations and minimize impact to customers.
- 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 2026 and beyond
Click [HERE](#) for the PTA form

Where to send the form: ab_bc_ops_planning@tcenergy.com

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

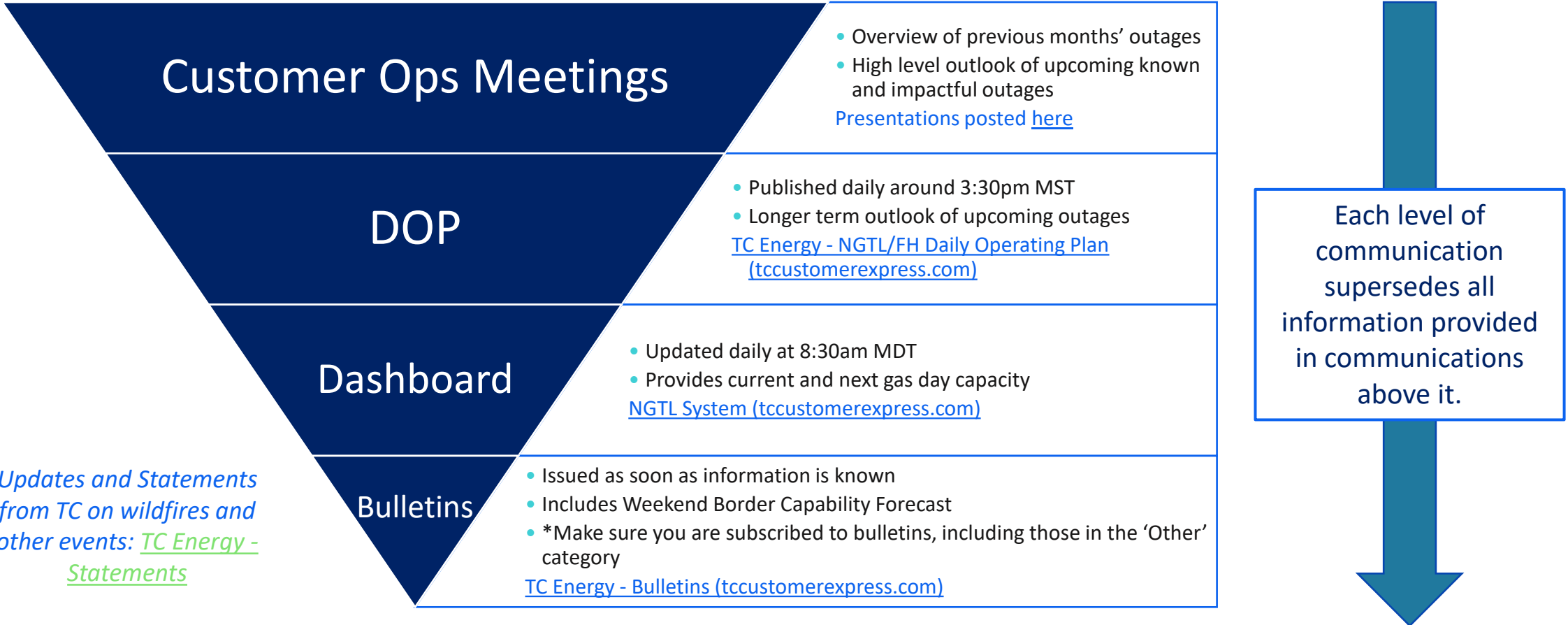
Additional Comments:

Email this form to: ab_bc_ops_planning@tcenergy.com.

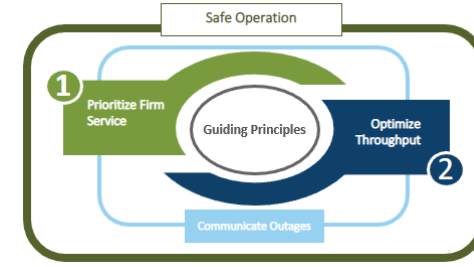
Direct any questions to the Pipeline @ (403) 920-7473.

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.



Broad Area Restriction Assessment Process



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 10 ³ m ³ /day	351,000 10 ³ m ³ /day	N/A	N/A 10 ³ m ³ /day	355,000-385,000 10 ³ m ³ /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 10 ³ m ³ /day	142,000 10 ³ m ³ /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 10 ³ m ³ /day	87,000 10 ³ m ³ /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			



Broad Area Restriction Assessment Process

Assessment process - Flow chart

Step 1

Outage Capability and
Constrained Area

If required

Step 2

Reduce/eliminate
upstream IT receipts

If required

*Sufficient downstream IT
deliveries*

Reduce/eliminate
**downstream IT
deliveries**

Yes

Can sufficient reduction in
flow be achieved by
adding downstream IT
delivery restriction?

No

*Insufficient downstream IT
deliveries*

Reduce upstream **IT
receipts**