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- Please sign-in through WebEx application including your full name and company
- To reduce background noise and improve audio quality, all WebEx participants will be placed on mute when entering the meeting
- Please submit your questions via using the raise hand function and coming off mute or the chat function and we will answer at the best possible opportunity

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





Outage information in this presentation may not be accurate beyond the May 13, 2022 NGTL/Foothills Customer Operations (WebEx only) meeting

For current outage information, please refer to the most recent Daily Operating Plan (DOP) on my.TC Customer Express

This meeting will only cover operational topics related to the NGTL and Foothills systems. For information on Commercial and Regulatory topics, please contact your Marketing Representative



Zeroweek

Our value: Zeroweek brings us together

- All help to deliver safe, reliable and sustainable energy
- One vision across the company

Our focus: *Learn from each other*

- Learn from successes and errors
- Taking action to understand our safety culture
- Be an organization of problem solvers

Our Commitment

Strong governance, responsible management and committed leadership

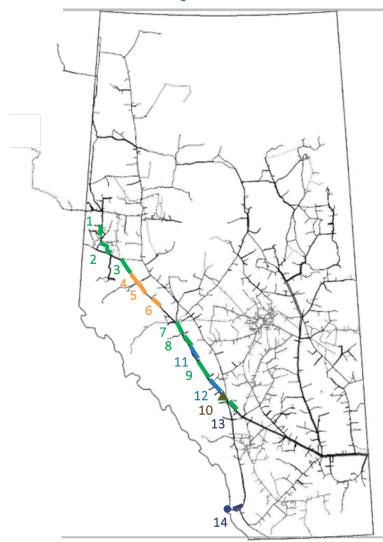
Agenda



- 2021 Expansion Project Update
- 2. Review of DOP Outages
- 3. Open Floor & Verbal Updates

2021 Expansion Project Update

Facility Construction Status Illustration



			Target In-
MAP I.D.	<u>FACILITY</u>	DESCRIPTION	Service Date
1	GPML Loop No.4 (Valhalla)	36km NPS 48	In-service
2	GPML Loop No.3 (Elmworth)	44km NPS 48	In-service
3	GPML Loop No.2 (Karr)	57km NPS 48	In-service
4	GPML Loop No.2 (Deep Valley North)	COlma NDC 40	Sept/Oct
5	GPML Loop No.2 (Deep Valley South)**	69km NPS 48	2022**
6	GPML Loop No.2 (Colt Section)	14km NPS 48	Q1 2023
7	Edson Mainline Loop No.4 (Robb)	42km NPS 48	May 2022*
8	Edson Mainline Loop No.4 (Dismal Creek)	32km NPS 48	In-service
9	Edson Mainline Loop No.4 (Brewster)	49km NPS 48	In-service

*Per the bulletin May = May or shortly thereafter

**Does not include Little Smoky River trenchless crossing and adjacent 3km of pipeline, which has a target in-service of Q1 2023

In-service date uncertainty impacted by ground conditions and accessibility affecting construction and commissioning.

MAP I.D.	<u>FACILITY</u>	DESCRIPTION	<u>Target In-</u> <u>Service Date</u>
10	Clearwater CS Unit Addition & Coolers	30MW	In-service
11	Edson Mainline Loop No.4 (Elk River)	40km NPS 48	Nov-22
12	Edson Mainline Loop No.4 (Alford Creek)	45km NPS 48	Nov-22
13	Edson Mainline No. 4 (Raven River)	18km NPS 48	Nov-22
14	WASML Loop No. 2 (Alberta-BC)	6km NPS 48	Nov-22
	ABC Meter Station Expansion		Nov-22

Until all 2021 Project facilities are completed and in-service, NGTL does not have system capacity to declare contracts dependent on Clearwater UA, EDML and West Path 2022

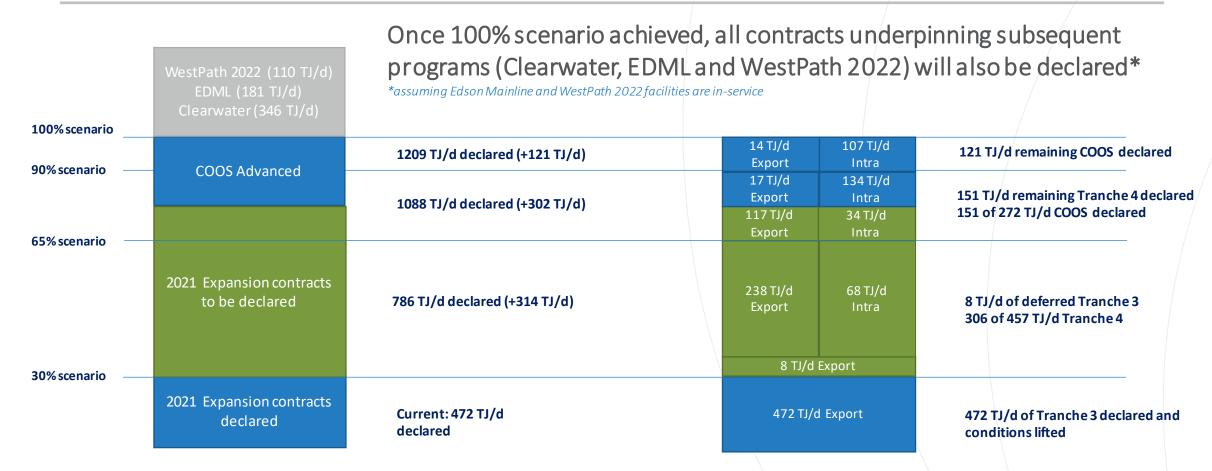
Design Capacity Illustration

WestPath 2022 +100mmcfd ~740mmcfd total capacity capacity impact **Edson Mainline** without 2021 +400mmcfd **Expansion Expansion capacity** complete Clearwater capacity +240mmcfd 2021 Expansion +1450mmcfd capacity

Design Capacity and contracts do not always match as NGTL designs to forecast design flows which are supported by existing and incremental contracts.



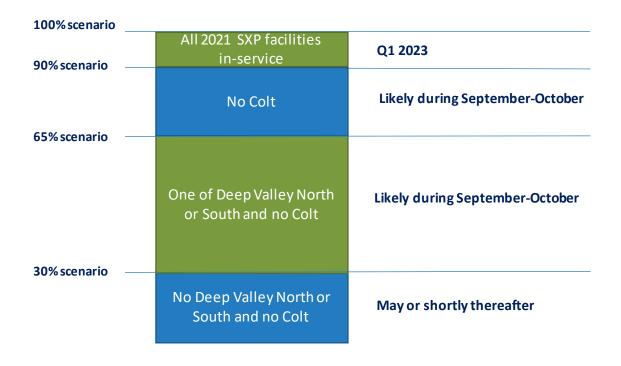
From April 22 Meeting: Contracts Priority Illustration



Current view absent any potential mitigation options that may be identified



Generalized View of Design Capacity Staging



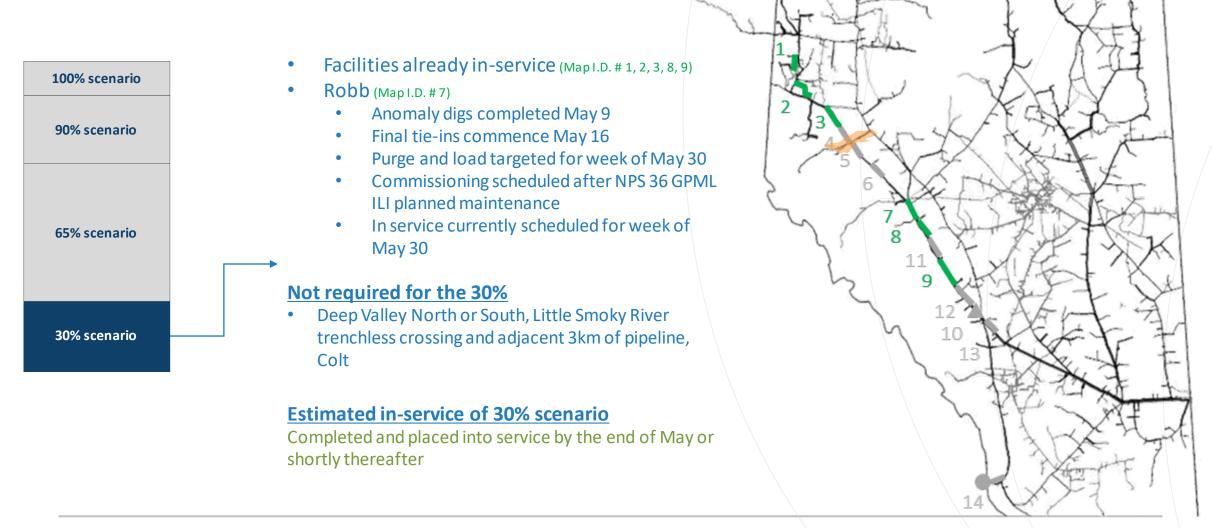
"The facilities that will provide the remaining 10% of the Project's capacity require winter construction conditions and therefore NGTL anticipates being able to provide this capacity in the first quarter of 2023."

"Construction will re-commence when the road access and ground conditions are conducive to resume activities outside of the environmentally sensitive areas, and, in mid-July 2022 when we can access the environmentally sensitive areas. NGTL continues to view the likely scenario for completion and inservice of facilities providing up to 1.3 Bcf/d (90%) of the Project's capacity to be in September-October 2022.

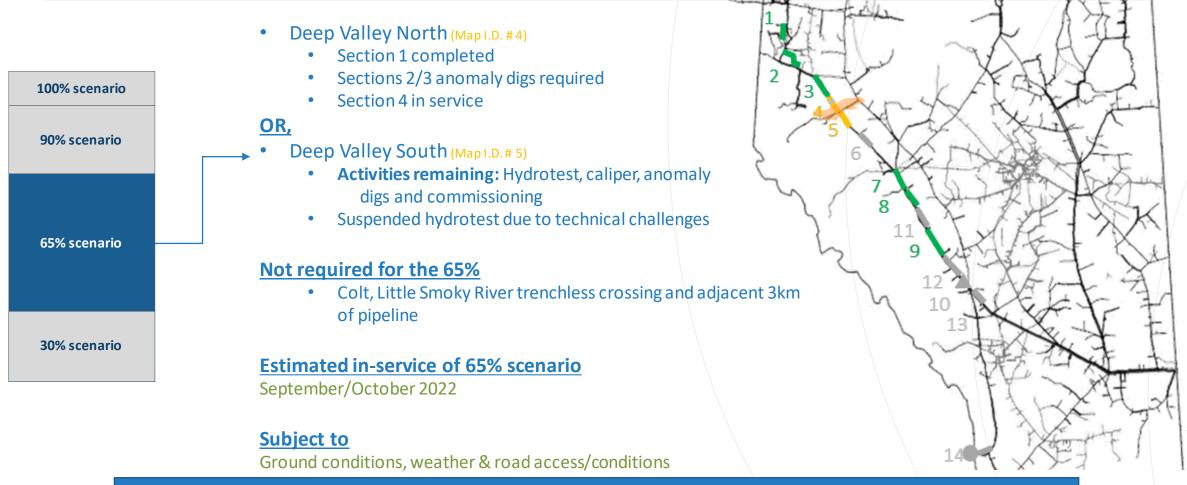
"NGTL confirms that the last segment of pipe required to achieve 0.44 Bcf/d (30%) will be placed into service in May or shortly thereafter."



What is Required to Reach 30%?



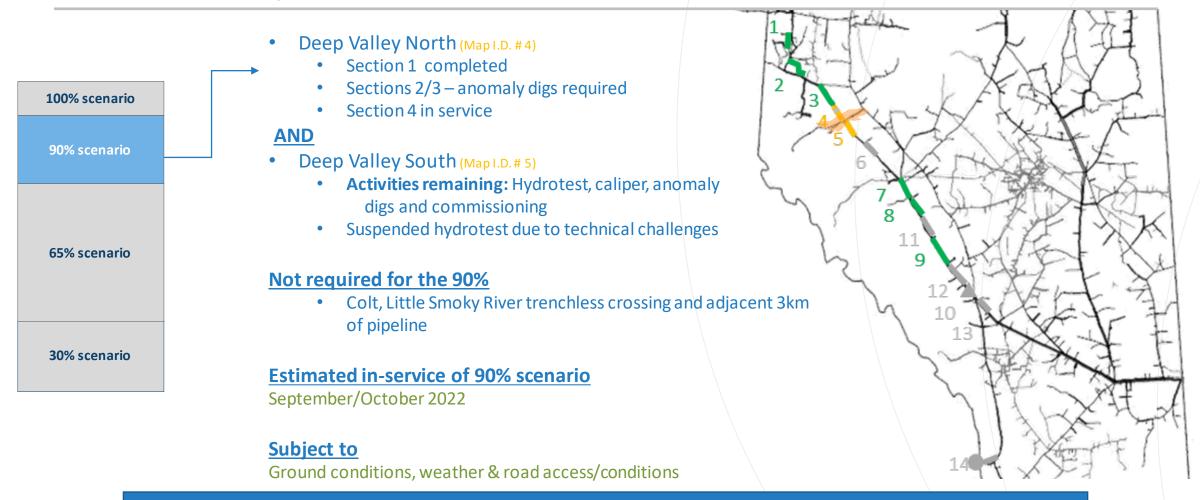
What is Required to Reach 65%?



Team continues to evaluate opportunities to expedite construction safely and within compliance



What is Required to Reach 90%?



Team continues to evaluate opportunities to expedite construction safely and within compliance



What is Required to Reach 100%?

100% scenario

90% scenario

65% scenario

30% scenario

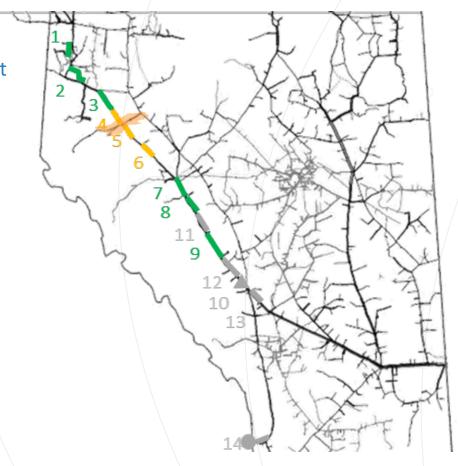
Little Smoky River Trenchless crossing and adjacent 3km of pipeline

- Colt (Map I.D. # 6)
 - 13 km of NPS 48

Estimated in-service of 100% scenario
Q1 2023

Subject to

Ground conditions, weather & road access/conditions





Review of DOP Outages

From DOP as of Thursday, May 12

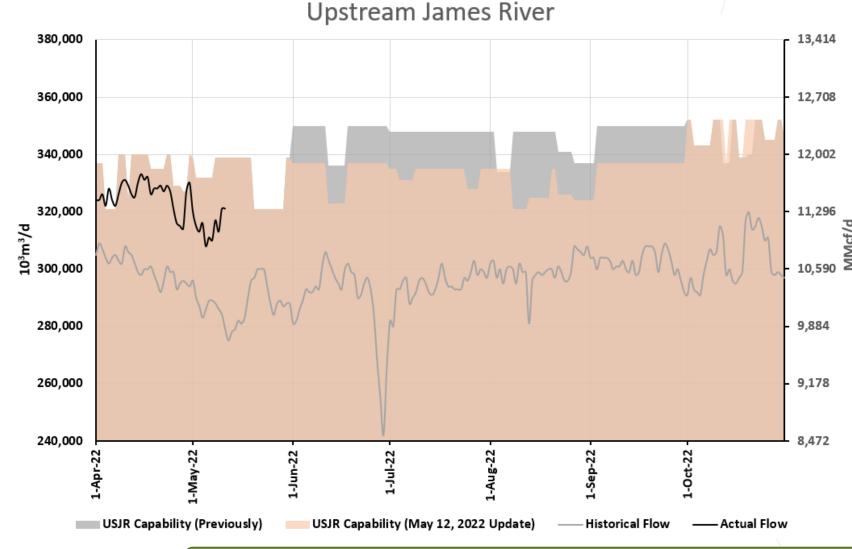
Daily Operating Plan (DOP) – Update

Current Assumptions:

- April 1, 2022 through to September 30, 2022 assume all 2021 expansion facilities are in-service with the exception of the Deep Valley and Colt sections (comparable to 30% of the project's total capability on a design capacity basis)
- Beyond October 1, 2022 assumes all 2021 expansion facilities are in-service with the exception of the Colt section (comparable to 90% of the project's total capability on a design capacity basis)

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 focus on safety, optimizing system capacity, and minimizing outage impacts.



May 12, 2022 Update:

- 30% scenario for April Sept
- 90% scenario for October and beyond
- Outages added for communication: 4
- Days of outage impact eliminated resulting from scope and schedule optimization efforts: 9



Upstream James River Receipt Area (USJR)

No impact to FT Potential impact to FT

Partial impact to FT

Outage Description	Start	End	USJR Outage Ca pability (10 ⁶ m³/d)	USJR Impact (10 ⁶ m³/d)	Area Outage Capability (10 ⁶ m³/d)	Outage Area Typical Flows (10 ⁶ m³/d)	Service Allowable Location/Area
NPS 36 Grande Prairie Mainline – Pipeline Maintenance	20-May-22	29-May-22	<mark>321</mark>	<mark>18</mark>	N/A	280-320	Potential impact to FT-R USJR
Goodfish – Compressor Station Maintenance	12-Jun-22	17-Jun-22	<mark>327</mark>	10	N/A	280-320	Potential impact to FT-R USJR
Meikle River C – Compressor Station Maintenance	12-Jun-22	17-Jun-22	<mark>323</mark>	14	N/A	280-320	Potential impact to FT-R USJR
Knight – Compressor Station Maintenance	4-Jul-22	8-Jul-22	331	4	N/A	280-320	Potential impact to FT-R USJR
Swartz Creek – Compressor Station Maintenance	25-Jul-22	28-Jul-22	328	7	N/A	280-320	Potential impact to FT-R USJR
Meikle River D5 — Compressor Station Maintenance	3 Aug 22	5 Aug 22	334	14	228	165-205	Potential impact to FT-R USJR-U/S of Berland
NPS 36 NCC Loop & Fort McKay Mainline – Pipeline Maintenance	3-Aug-22	7-Aug-22	334	14	228	165-205	Potential impact to FT-R USJR-U/S of Berland
Berland River – Compressor Station Maintenance	8-Aug-22	12-Aug-22	321	14	N/A	280-320	Potential impact to FT-R USJR
Berland River B2 – Compressor Station Maintenance	8-Aug-22	19-Aug-22	325	10	N/A	280-320	Potential impact to FT-R USJR
Latornell – Compressor Station Maintenance	22-Aug-22	27-Aug-22	<mark>326</mark>	9	216	165-205	Potential impact to FT-R USJR U/S of Berland*

^{*}Risk to FT-R expected to be within a subset of USJR only. If adequate downstream IT-D exists to offset an FT-R curtailment, area of IT-D curtailment could include portions of segments 7, 8, and 9 based on hydraulic equivalency analysis and location of the bottleneck.



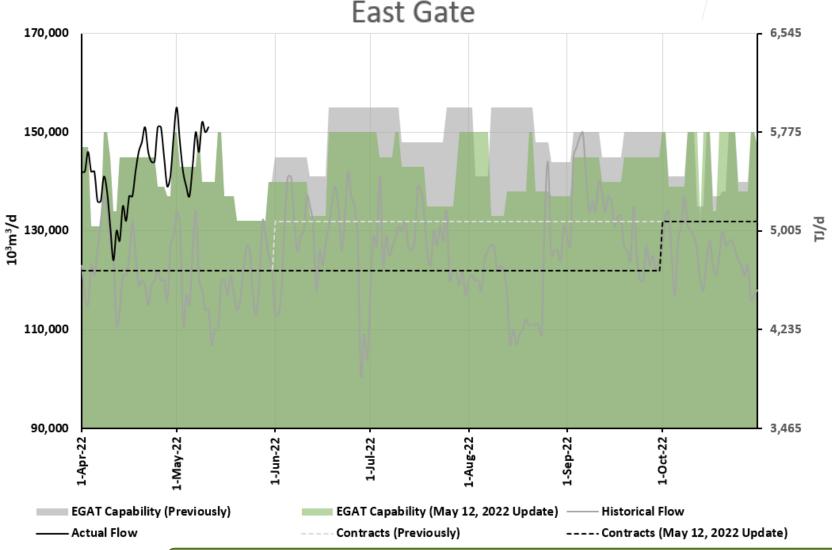
Upstream James River Receipt Area (USJR)

No impact to FT Potential impact to FT

Partial impact to FT

Outage Description	Start	End	USJR Outage Ca pability (10 ⁶ m³/d)	USJR Impact (10 ⁶ m³/d)	Area Outage Ca pability (10 ⁶ m³/d)	Outage Area Typical Flows (10 ⁶ m³/d)	Service Allowable Location/Area
Otter Lake A1 – Compressor Station Maintenance	27-Aug-22	2-Sep-22	<mark>324</mark>	11	N/A	280-320	Potential impact to FT-R USJR
Woodenhouse C3 – Compressor Station Maintenance	27-Aug-22	2-Sep-22	<mark>324</mark>	11	N/A	280-320	Potential impact to FT-R USJR
Otter Lake – Compressor Station Maintenance	3-Oct-22	8-Oct-22	343	9	N/A	280-320	Potential impact to FT-R USJR
Saddle Hills B3 – Compressor Station Maintenance	13-Oct-22	13-Oct-22	337	15	214	160-190	Potential impact to FT-R USJR U/S of Latornell
Paul Lake – Compressor Station Maintenance	17-Oct-22	18-Oct-22	339	13	N/A	280-320	Potential impact to FT-R USJR
Alces River – Compressor Station Maintenance	17-Oct-22	18-Oct-22	340	12	N/A	280-320	Potential impact to FT-R USJR
Clearwater – Compressor Station Maintenance	25-Oct-22	28-Oct-22	345	7	N/A	280-320	Potential impact to FT-R USJR
Hidden Lake North – Compressor Station Maintenance	31-Oct-22	7-Nov-22	346	8	224	160-190	Potential impact to FT-R USJR U/S of Latornell





May 12, 2022 Update:

- 30% scenario for April Sept
- 90% scenario for October and beyond
- Outages added for communication: 3 (excluding the 4 added to the USJR area)
- Days of outage impact eliminated resulting from scope and schedule optimization efforts: 13



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)	System	Service Allowable Location/Area
Didsbury – Compressor Station Maintenance	16-May-22	20-May-22	<mark>137</mark>	13	NGTL	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	28-May-22	12-Jun-22	<mark>140</mark>	10	FHAB	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	11-Jul-22	24-Jul-22	<mark>143</mark>	7	FHAB	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
NPS 36 Eastern Alberta System Mainline Loop 2 – Pipeline Maintenance	19-Jul-22	27-Jul-22	135	15	NGTL	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	15-Aug-22	18-Aug-22	139	11	NGTL	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	22-Aug-22	31-Aug-22	139	11	NGTL	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28



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)	System	Service Allowable Location/Area
Acme – Compressor Station Maintenance	12-Sep-22	18-sept-22	<mark>140</mark>	5	FHAB	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	3-Oct-22	3-Oct-22	143	7	NGTL	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28
Clearwater – Compressor Station Maintenance	25-Oct-22	28-Oct-22	138	10	NGTL	No impact to FT-D anticipated Empress/McNeill Borders Segments 15, 16, 17, 18, 19, 20, 23, partial 21, and partial 28



Foothills Zone 9 (FHSK)

No impactto FT Potential impact to FT

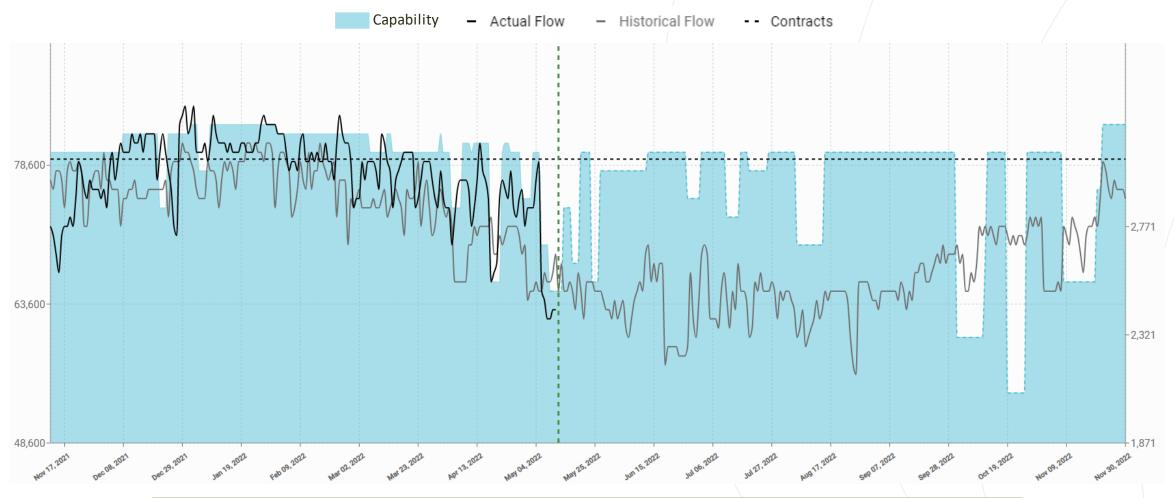
Partial impact to FT

Outage Description	Start	End	Capability (10 ⁶ m³/d)	System	Service Allowable Location/Area
NPS 42 Foothills Mainline Zone 9 – Pipeline Maintenance	16-Nov-22	28-Nov-22	25	FHSK	No impact to FT anticipated Monchy Border Foothills Saskatchewan



Alberta-B.C. Border

(includes both NGTL and Foothills BC outages)





For the purposes of the operational capability charts and outage impacts, NGTL has assumed the 30% scenario for April 1 – Sept 30, 2022 and the 90% scenario thereafter for East Gate and USJR. As of May 12, 2022, this is the most likely scenario NGTL expects but may be subject to change based on changing circumstances. Please refer to the NGTL bulletin posted on May 12, 2022.

West Gate Delivery Area (WGAT) Foothills Zone 8 (FHBC)

No impact to FT

Potential impact to FT

Partial impact to FT

Outage Description	Start	End	Ca pability/ Allowable (10 ⁶ m³/d)	Impact (10 ⁶ m³/d)	System	Service Allowable Location/Area
Crowsnest A – Compressor Station Maintenance*	9-May-22	13-May-22	<mark>65</mark>	<mark>16</mark>	FHBC	Potential Impact to FT Alberta/BC Border Foothills BC
Crowsnest K – Compressor Station Maintenance*	9-May-22	16-May-22	74	7	FHBC	Potential Impact to FT Alberta/BC Border Foothills BC
Elko – Compressor Station Maintenance*	17-May-22	19-May-22	68	13	FHBC	Potential Impact to FT Alberta/BC Border Foothills BC
Moyie – Compressor Station Maintenance*	<mark>24-May-22</mark>	<mark>26-May-22</mark>	66	15	FHBC	Potential Impact to FT Alberta/BC Border Foothills BC
NPS 24 South Lateral – Pipeline Maintenance*	25-May-22	12-Jun-22	78	3	NGTL	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
Winchell Lake – Compressor Station Maintenance*	27-Jun-22	1-Jul-22	75	5	NGTL	Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders Segments 22 and partial 21
Crowsnest B – Compressor Station Maintenance*	11-Jul-22	15-Jul-22	73	7	FHBC	Potential Impact to FT Alberta/BC Border Foothills BC
NPS 36 FPL Zone 7 Western Leg 1B – Pipeline Maintenance*	19-Jul-22	25-Jul-22	78	2	NGTL	Potential Impact to FT Alberta/BC and Alberta/Montana Borders Segments 22 and partial 21
NPS 36 BC Mainline – Pipeline Modifications	5-Aug-22	14-Aug-22	70	10	FHBC	Potential Impact to FT Alberta/BC Border Foothills BC

^{*}Aligned with downstream maintenance that is expected to be limiting West Path capability



For the purposes of the operational capability charts and outage impacts, NGTL has assumed the 30% scenario for April 1 – Sept 30, 2022 and the 90% scenario thereafter for East Gate and USJR. As of May 12, 2022, this is the most likely scenario NGTL expects but may be subject to change based on changing circumstances. Please refer to the NGTL bulletin posted on May 12, 2022.

West Gate Delivery Area (WGAT) Foothills Zone 8 (FHBC)

No impact to FT Potential impact to FT

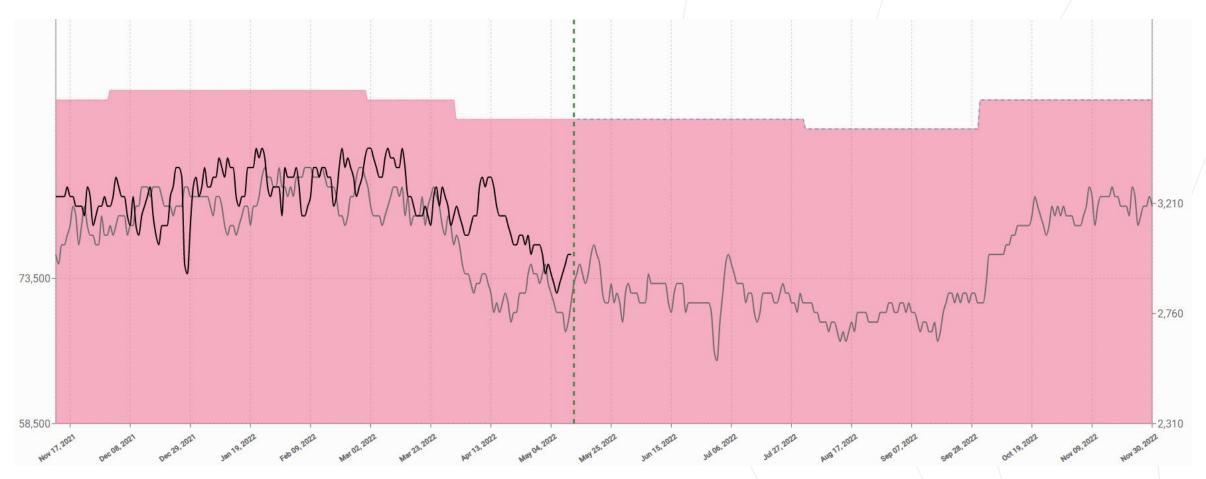
Partial impact to FT

Outage Description	Start	End	Ca pability/ Allowable (10 ⁶ m³/d)	Impact (10 ⁶ m³/d)	System	Service Allowable Location/Area
NPS 48 BC Mainline Loop - Pipeline Modifications	1-Oct-22	11-Oct-22	68	12	LHK(Potential Impact to FT Alberta/BC Border Foothills BC
NPS 42 Western Alberta System Mainline Loop – Pipeline Maintenance	1-Oct-22	10-Oct-22	60	20		Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders
NPS 36 BC Mainline – Pipeline Maintenance	19-Oct-22	25-Oct-22	54	26		Potential Impact to FT Alberta/BC Border Foothills BC
NPS 36 WAS Mainline – Pipeline Modifications	8-Nov-22	19-Nov-22	66	17	N//	Potential Impact to FT-D Alberta/BC Border
Turner Valley A1 and A2 – Compressor Station Maintenance	8-Nov-22	21-Nov-22	76	5		Potential Impact to FT-D Alberta/BC and Alberta/Montana Borders



Oil Sands Delivery Area







Northeast Delivery Area (NEDA) Oil Sands Delivery Area (OSDA)

No impact to FT Potential impact to FT

Partial impact to FT

There are currently no outages planned that are specific to OSDA or NEDA



Daily Operating Plan (DOP) – Next Steps

- Continue to review outage impacts and optimize outage schedule
- Update operational capability charts and outage impacts in the DOP if construction progress varies from current expectations



Contacts

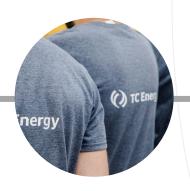
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Verbal Updates