

SYSTEM UTILIZATION MONTHLY REPORT

for the month ending

September 2024

<http://www.tccustomerexpress.com/2885.html>

Published date:

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Highlights This Month:

NOVA Gas Transmission Ltd.



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Utilization reports are posted approximately six weeks after the end of the reported month.

If you have any questions on the content of this report, contact Colin Cooper at (403) 463-6241 or colin_cooper@tcenergy.com.

FIRM TRANSPORTATION SERVICE¹ CONTRACT UTILIZATION³

By NGTL Pipeline Segments

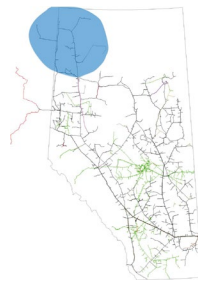
September 2024

Segment	Contract	Delivery		Receipt	
		Utilization	Sep CD (TJ/d)	Utilization	Sep CD (MMcf/d)
UPRM	FT	0%	0.0	38%	29
	FT + IT ²	0%		38%	
PRLL	FT	36%	27.4	68%	239
	FT + IT	78%		69%	
NWML	FT	0%	0.0	94%	113
	FT + IT	0%		103%	
GRDL	FT	0%	247.5	87%	5,241
	FT + IT	0%		88%	
WAEX	FT	29%	25.8	78%	1,120
	FT + IT	33%		79%	
JUDY	FT	31%	19.6	82%	19
	FT + IT	36%		95%	
GPML	FT	44%	389.3	78%	5,214
	FT + IT	77%		78%	
CENT	FT	8%	10.4	48%	2,700
	FT + IT	72%		50%	
LPOL	FT	60%	606.7	60%	1,153
	FT + IT	69%		63%	
WGAT	FT	72%	4,745.7	70%	211
	FT + IT	72%		79%	
ALEG	FT	34%	412.2	88%	428
	FT + IT	35%		114%	
SLAT	FT	15%	190.7	95%	85
	FT + IT	16%		104%	
MLAT	FT	53%	311.6	91%	68
	FT + IT	53%		99%	
BLEG	FT	16%	187.4	96%	367
	FT + IT	16%		109%	
EGAT	FT	88%	5,431.5	91%	7
	FT + IT	93%		108%	
MRTN	FT	43%	28.5	92%	61
	FT + IT	45%		120%	
LIEG	FT	62%	2,455.9	75%	13
	FT + IT	62%		104%	
KIRB	FT	79%	1,820.0	76%	10
	FT + IT	80%		154%	
REDL	FT	3%	17.9	74%	10
	FT + IT	3%		115%	
COLD	FT	65%	290.1	98%	10
	FT + IT	65%		134%	
EDM	FT	38%	1,910.9	91%	30
	FT + IT	38%		110%	
NLAT	FT	21%	302.7	88%	78
	FT + IT	21%		104%	
WAIN	FT	7%	0.3	90%	1
	FT + IT	77%		262%	
ELAT	FT	68%	328.6	84%	65
	FT + IT	68%		117%	
TOTAL SYSTEM	FT	67%	19,760.5	76%	17,273
	FT + IT	70%		78%	

***NOTE:**

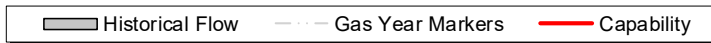
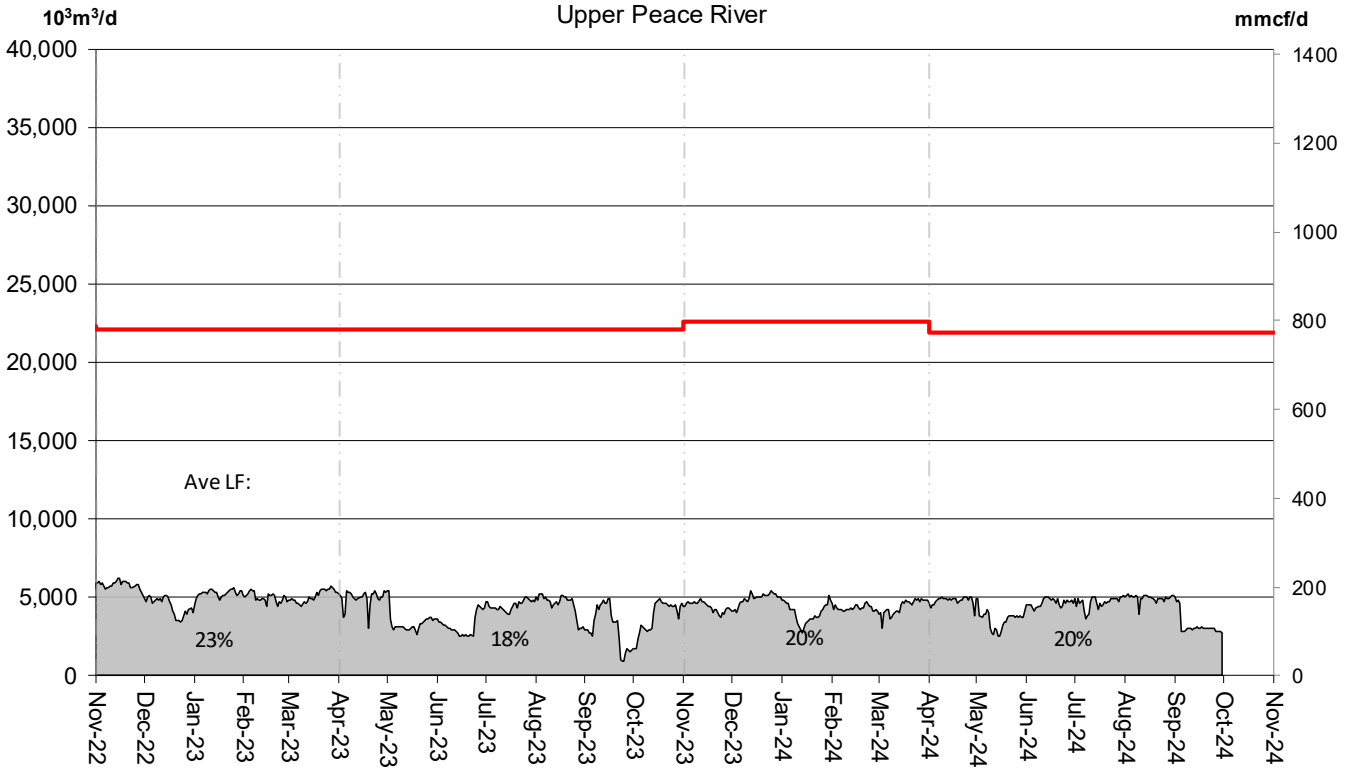
1. FT includes all receipt and delivery Firm Transportation Services.
2. IT includes receipt and delivery Interruptible Services.
3. Utilization data is based on billed monthly volumes. Percent utilization calculated as FT and FT + IT billed volumes divided by applicable receipt or delivery Contract level.

DESIGN CAPABILITY UTILIZATION UPPER PEACE RIVER



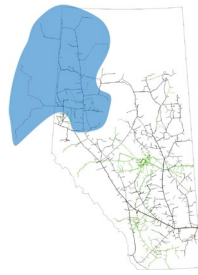
Throughput vs. Design Capability

Upper Peace River

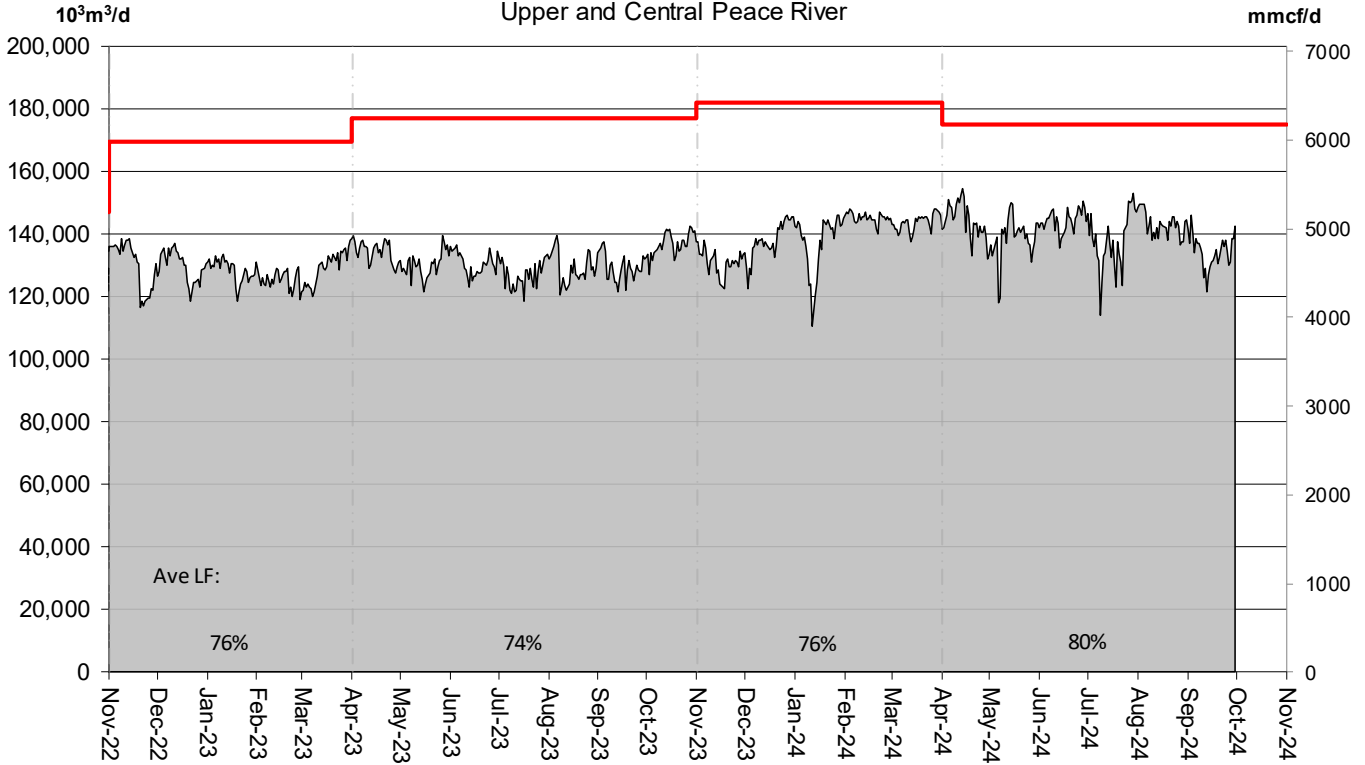


% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	22%	16%	21%	21%	23%	15%

DESIGN CAPABILITY UTILIZATION UPPER and CENTRAL PEACE RIVER



Throughput vs. Design Capability
Upper and Central Peace River

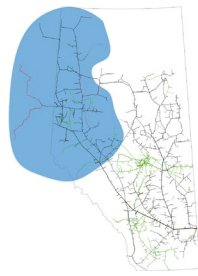


Historical Flow
 Gas Year Markers
 Capability

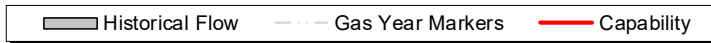
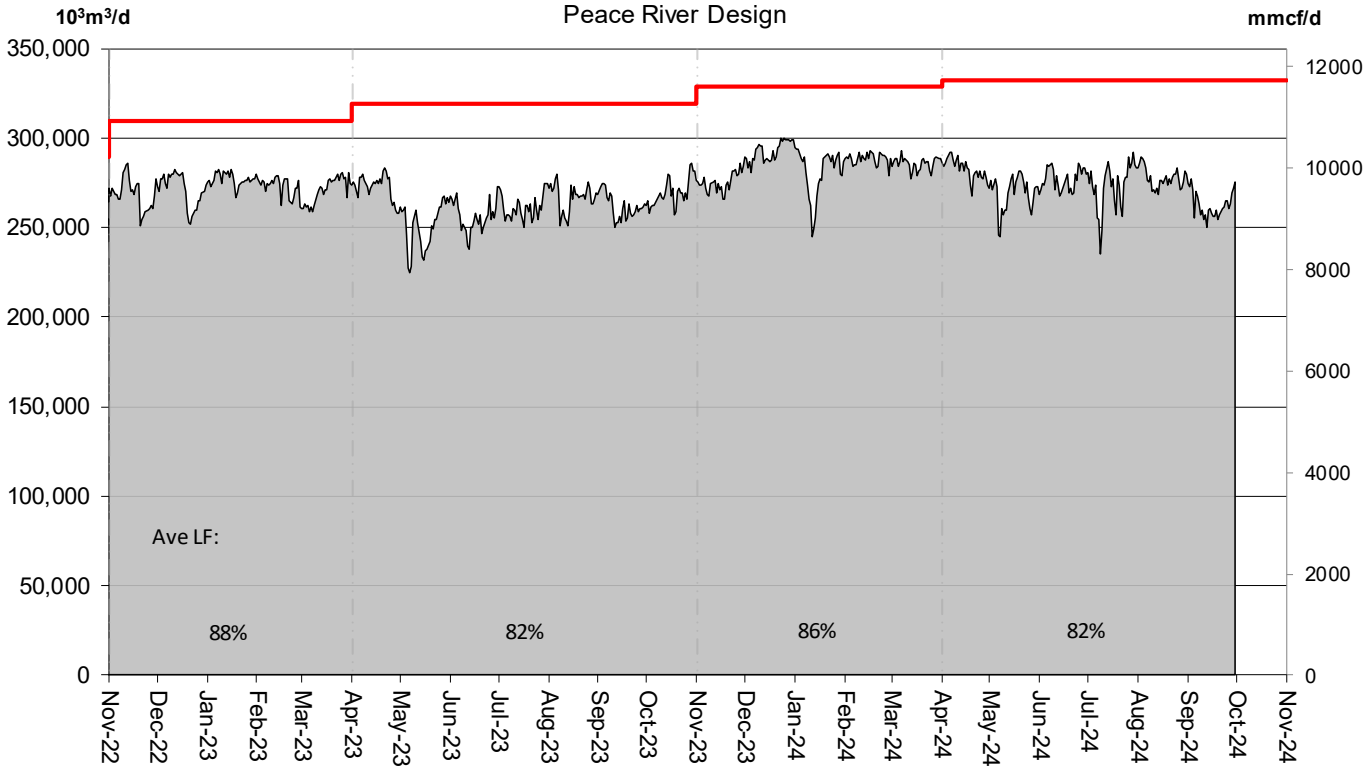
% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	83%	79%	82%	79%	82%	77%

DESIGN CAPABILITY UTILIZATION PEACE RIVER DESIGN

(Upper, Central and Lower Peace River)



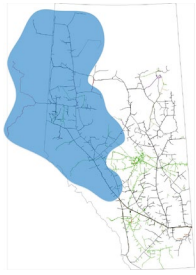
Throughput vs. Design Capability



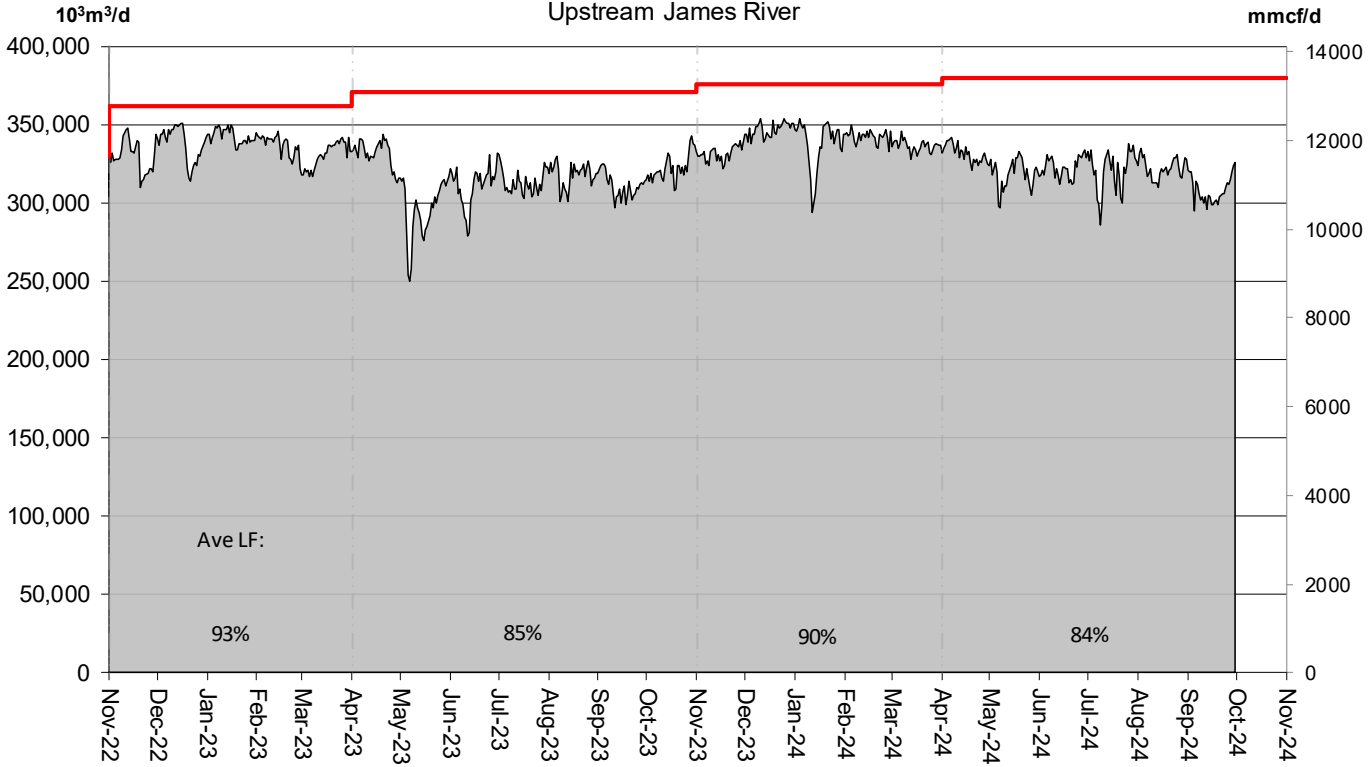
% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	85%	81%	83%	82%	84%	79%

DESIGN CAPABILITY UTILIZATION UPSTREAM JAMES RIVER

(Edson Mainline, Peace River Design and Marten Hills)



Throughput vs. Design Capability
Upstream James River



Historical Flow
 Gas Year Markers
 Capability

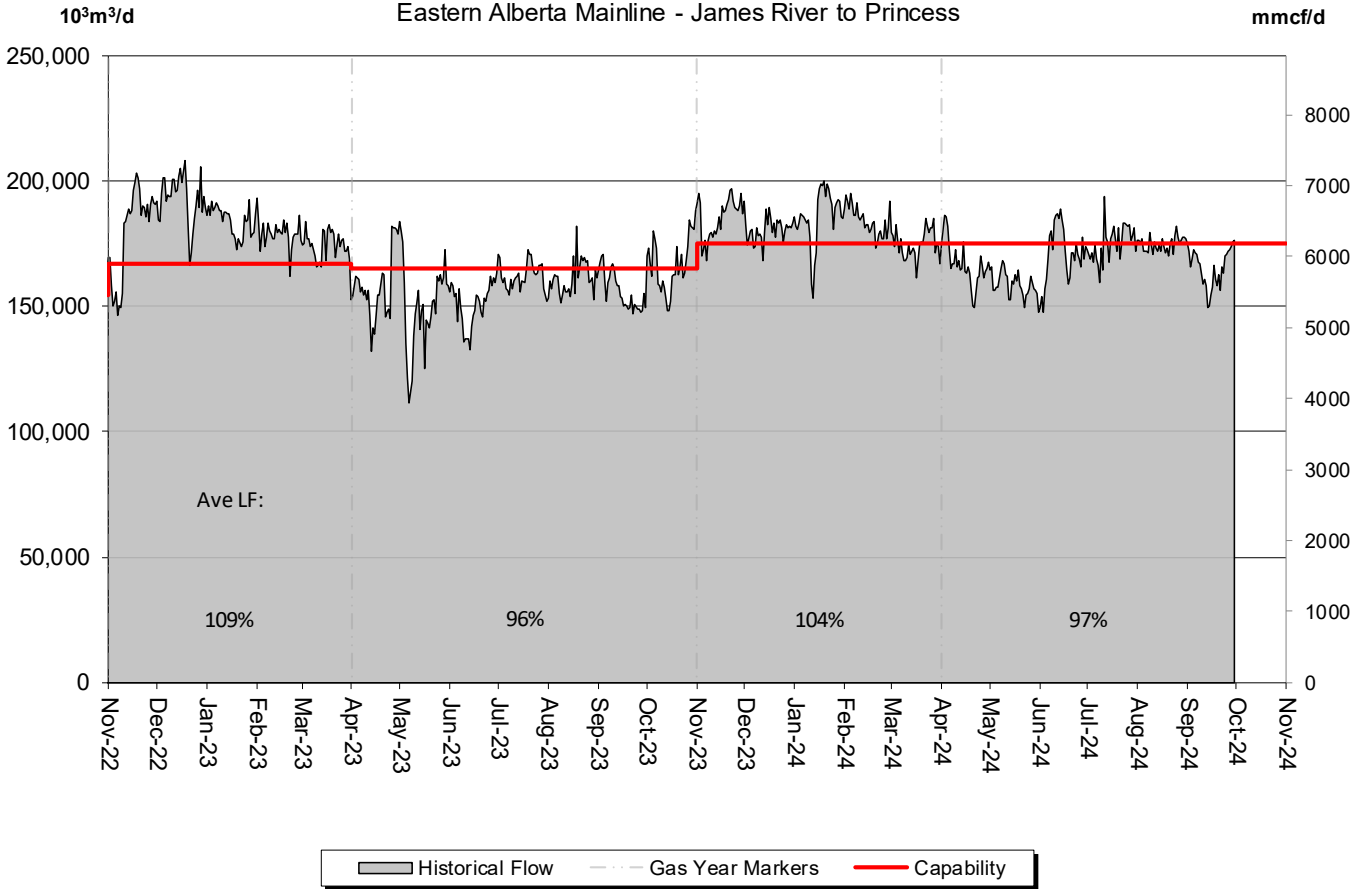
% Design Capability Utilization						
Average	Apr	May	Jun	Jul	Aug	Sep
Flow/	87%	84%	85%	84%	85%	81%

DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE (James River to Princess)



Throughput vs. Design Capability

Eastern Alberta Mainline - James River to Princess

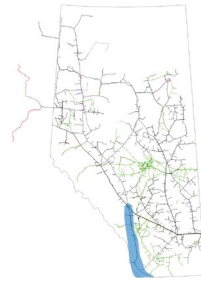


% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	96%	91%	98%	100%	100%	95%

DESIGN CAPABILITY UTILIZATION

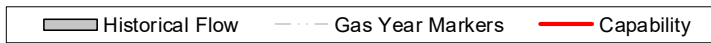
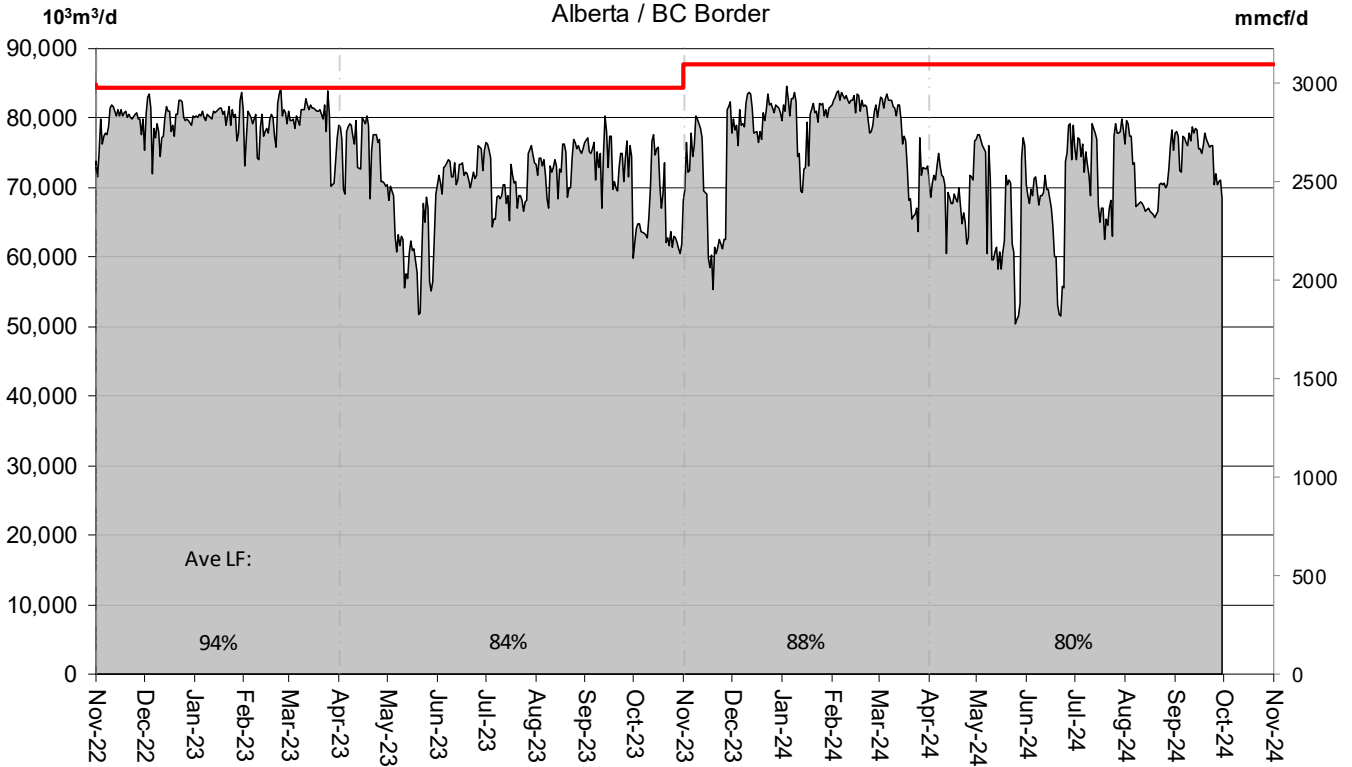
ALBERTA / BC BORDER

(Alberta/B.C. Border)



Throughput vs. Design Capability

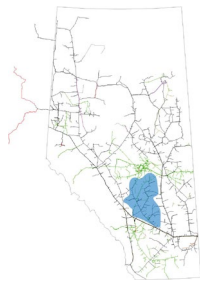
Alberta / BC Border



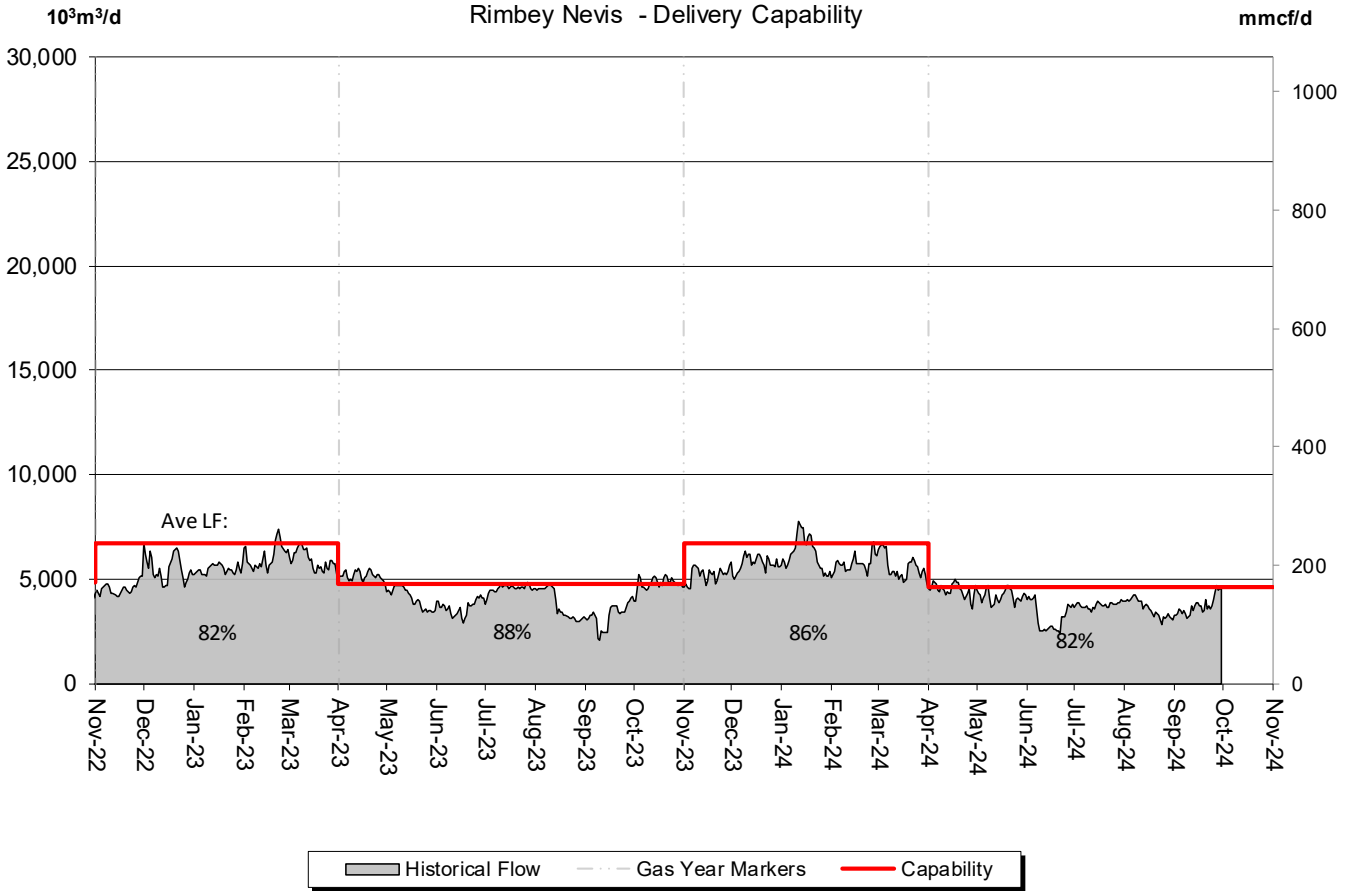
% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	79%	75%	77%	83%	81%	86%

DESIGN CAPABILITY UTILIZATION

RIMBEY-NEVIS – FLOW WITHIN



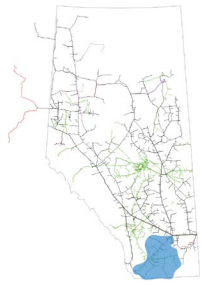
Total Deliveries vs. Design Capability
Rimbey Nevis - Delivery Capability



% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	97%	90%	68%	81%	77%	80%

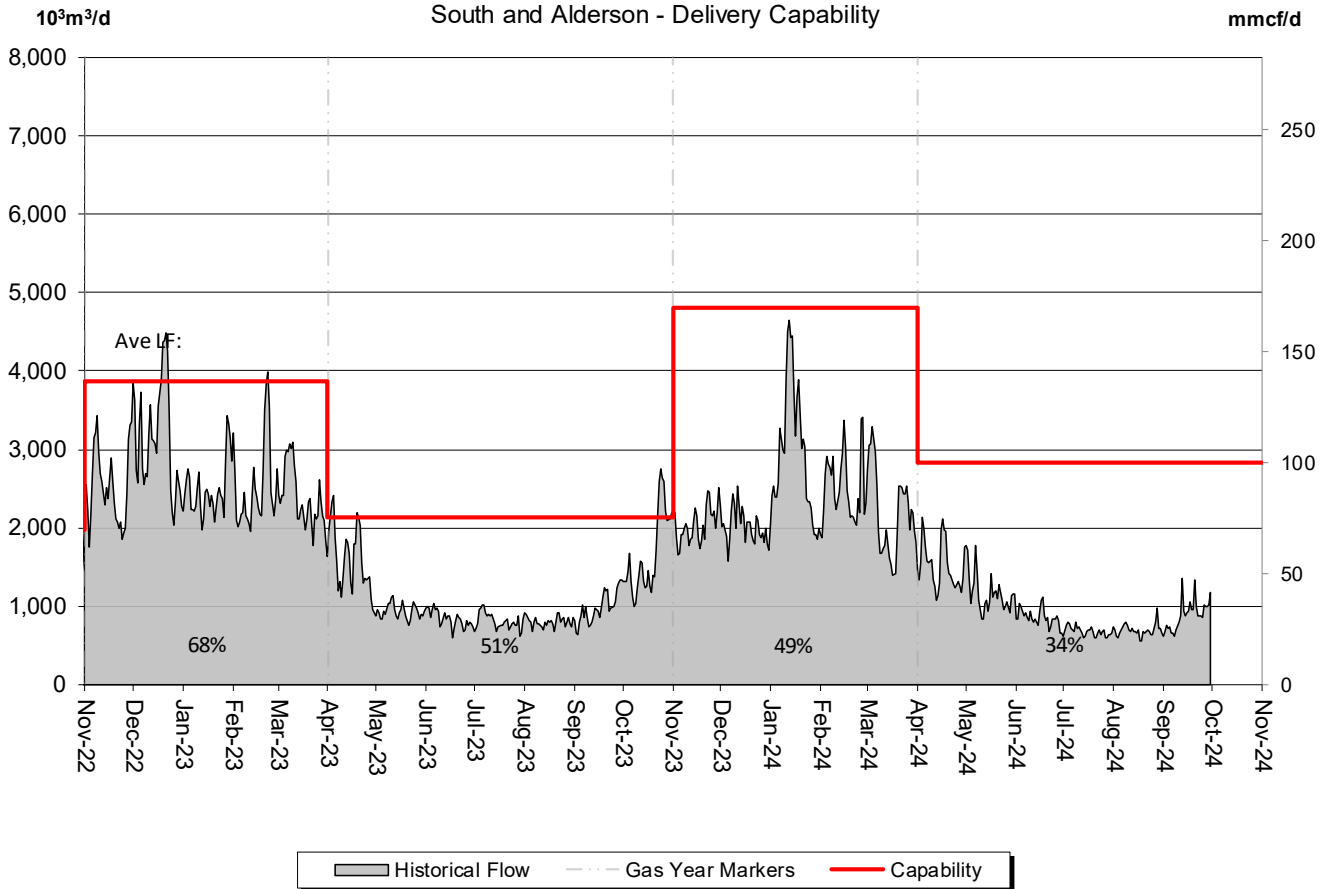
DESIGN CAPABILITY UTILIZATION

SOUTH and ALDERSON – FLOW WITHIN



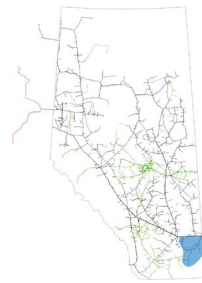
Total Deliveries vs. Design Capability

South and Alderson - Delivery Capability



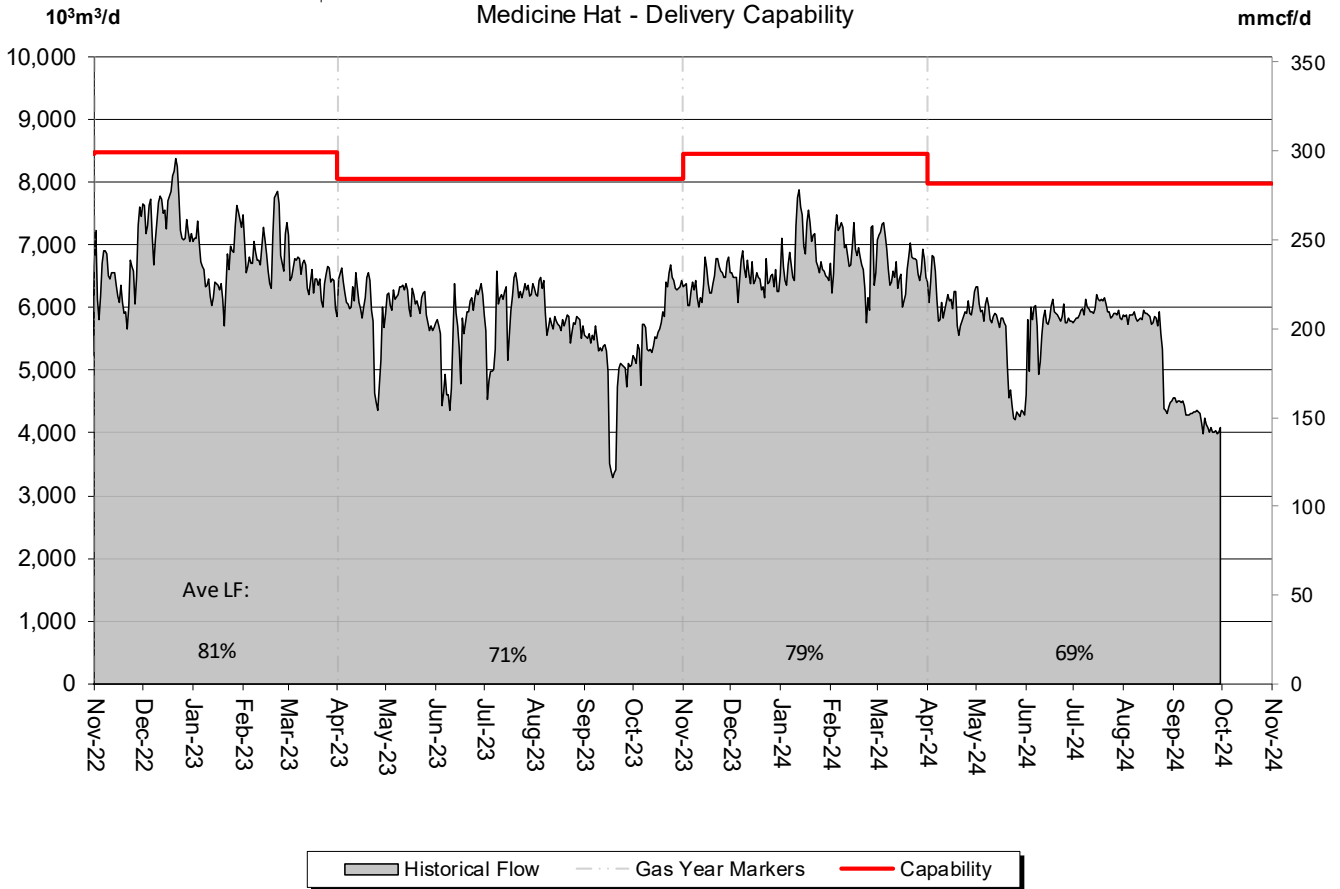
% Design Capability Utilization						
Average	Apr	May	Jun	Jul	Aug	Sep
Flow/	54%	41%	30%	24%	24%	31%

DESIGN CAPABILITY UTILIZATION MEDICINE HAT – FLOW WITHIN



Total Deliveries vs. Design Capability

Medicine Hat - Delivery Capability



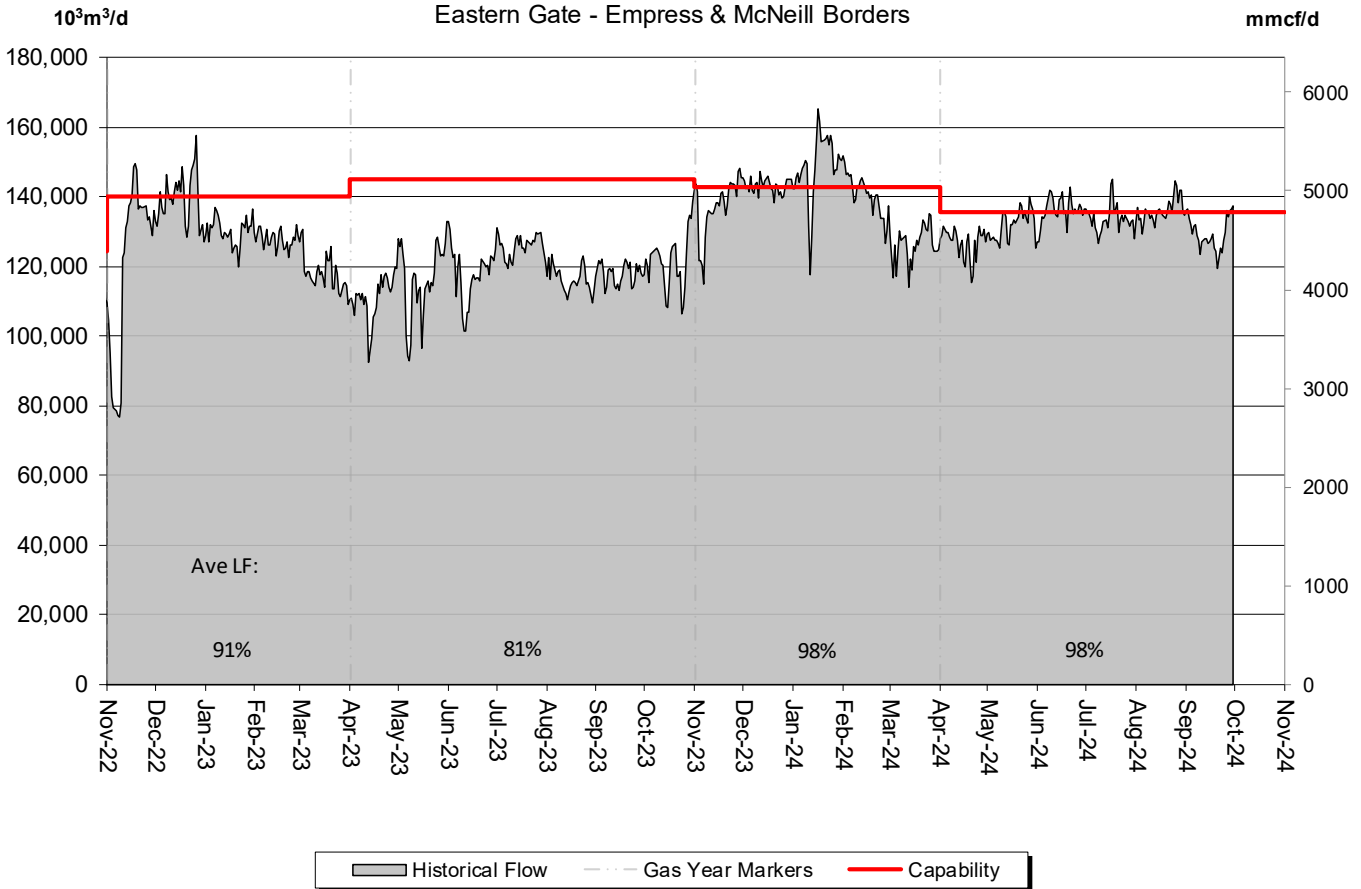
% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	76%	68%	72%	75%	69%	53%

DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE (Princess to Empress / McNeill)



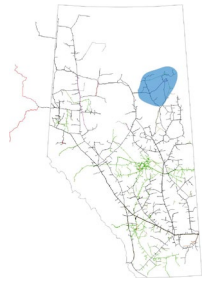
Throughput vs. Design Capability

Eastern Gate - Empress & McNeill Borders



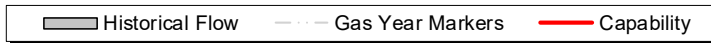
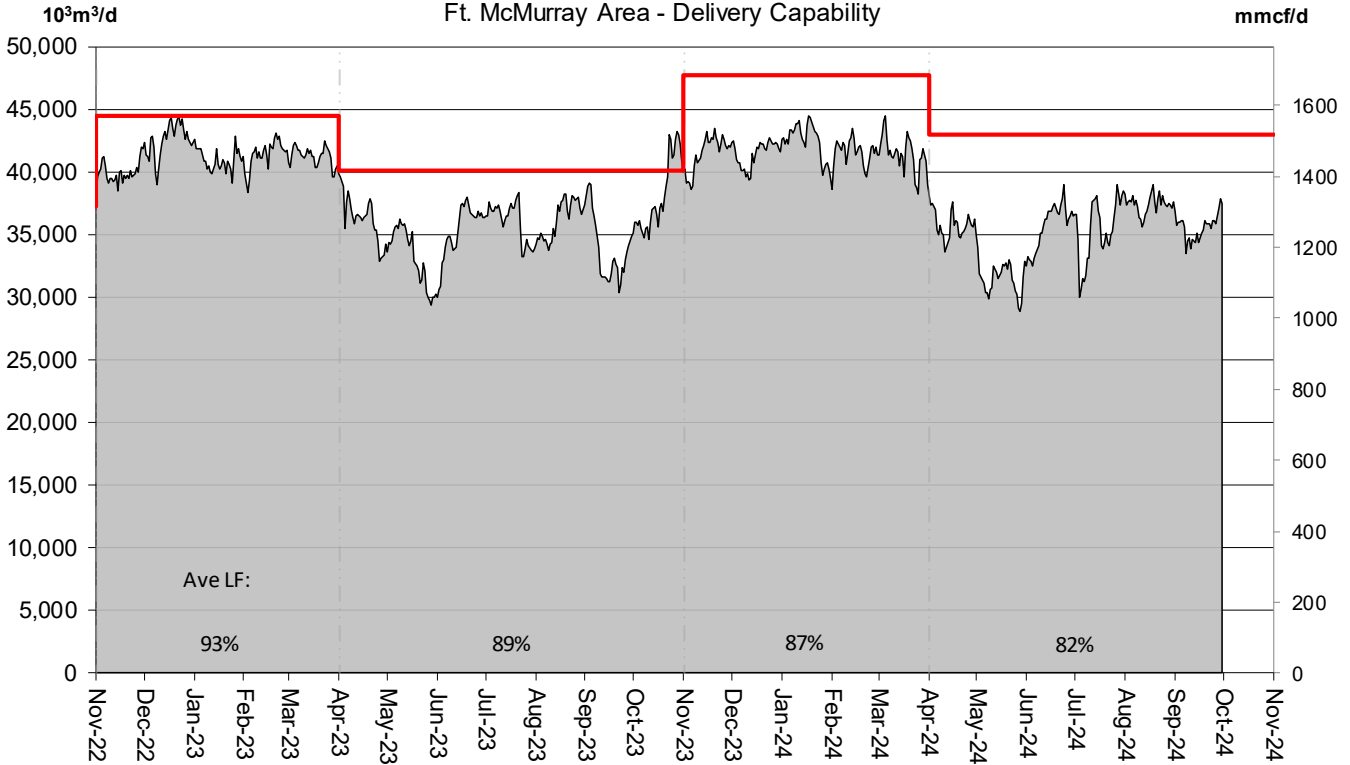
% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	93%	97%	100%	98%	100%	95%

DESIGN CAPABILITY UTILIZATION FT. McMURRAY AREA – FLOW WITHIN



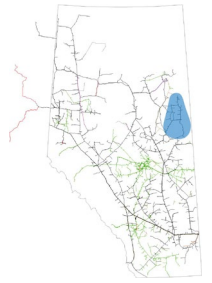
Total Deliveries vs. Design Capability

Ft. McMurray Area - Delivery Capability



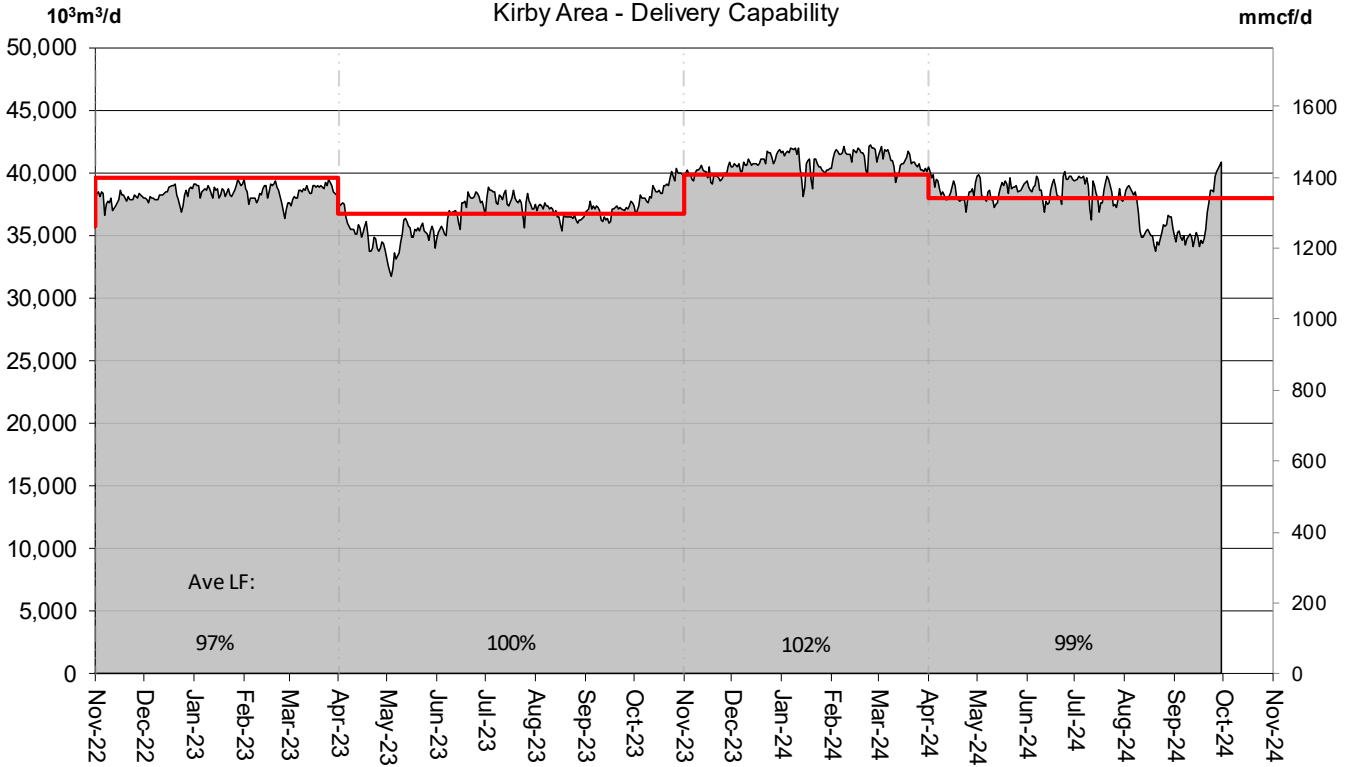
% Design Capability Utilization						
Average	Apr	May	Jun	Jul	Aug	Sep
Flow/	83%	73%	83%	82%	87%	83%

DESIGN CAPABILITY UTILIZATION KIRBY AREA – FLOW WITHIN



Total Deliveries vs. Design Capability

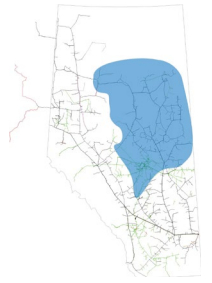
Kirby Area - Delivery Capability



Historical Flow Gas Year Markers Capability

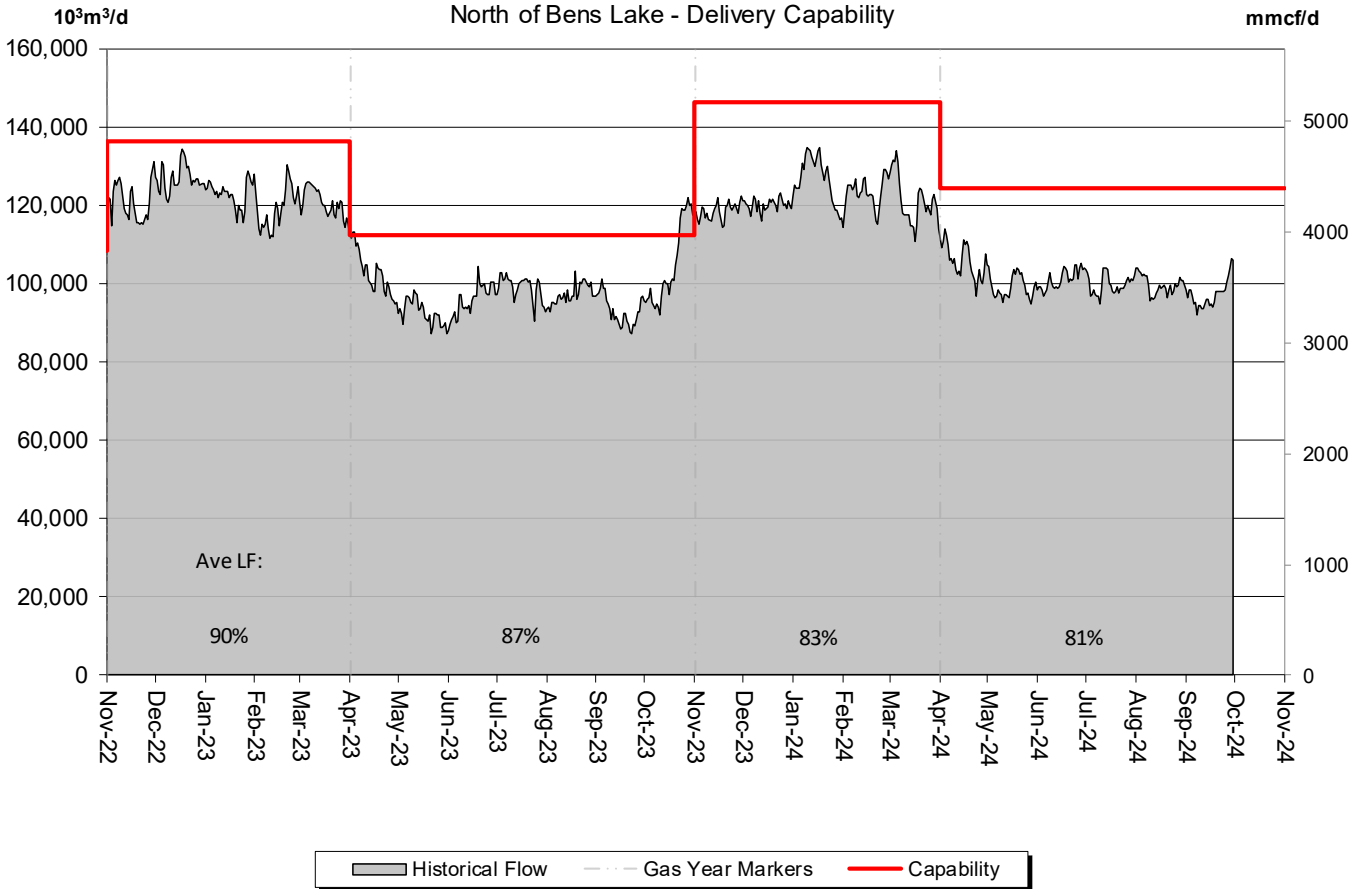
% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	102%	102%	102%	101%	95%	95%

DESIGN CAPABILITY UTILIZATION NORTH OF BENS LAKE – FLOW WITHIN



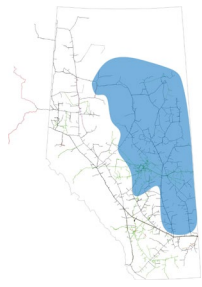
Total Deliveries vs. Design Capability

North of Bens Lake - Delivery Capability

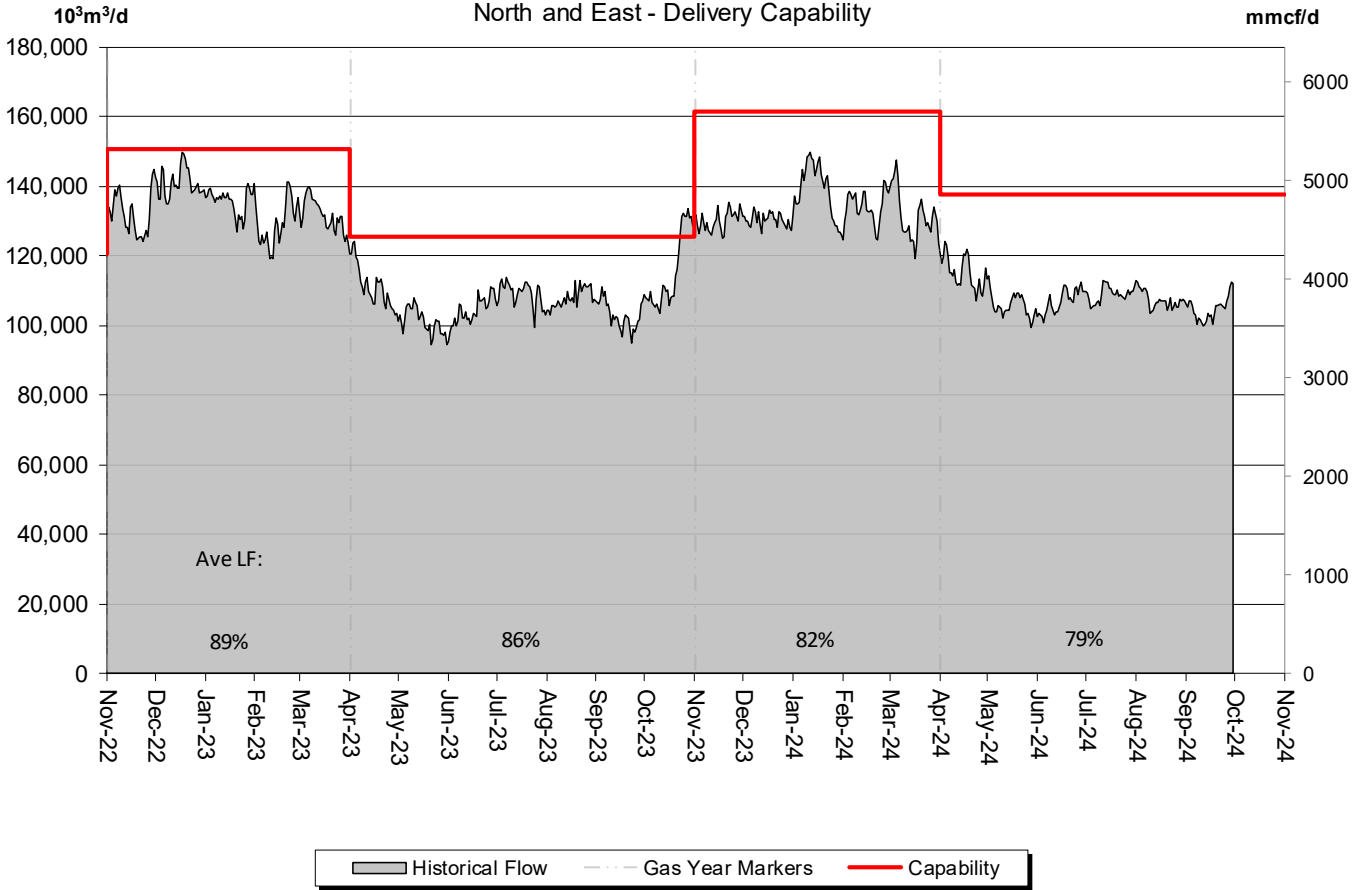


% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	85%	80%	81%	80%	80%	78%

DESIGN CAPABILITY UTILIZATION NORTH and EAST – FLOW WITHIN



Total Deliveries vs. Design Capability
North and East - Delivery Capability



% Design Capability Utilization						
Average Flow/	Apr	May	Jun	Jul	Aug	Sep
	84%	77%	78%	79%	78%	76%

FUTURE FIRM TRANSPORTATION SERVICE AVAILABILITY

Please consult with your Marketing Representative to discuss your Firm Transportation Service needs.

Estimated Firm Transportation Service Availability

**Please refer to the following web site for
current FT-R / FT-D Availability Maps:**

[http://www.tccustomerexpress.com/2801.
html](http://www.tccustomerexpress.com/2801.html)

HOW TO USE THIS REPORT

Overview

This report contains recent historical information on the level of utilization of firm transportation Service Agreements on the NGTL system, relative usage of interruptible service, level of utilization of design pipeline capacity.

Data is reported either by *Pipeline Segment* (25 segments make up the system) or *Design Area* (13 Design Areas for the system). Maps of both are included in the reference section.

Firm Transportation Service Contract Utilization

The Firm Transportation Service Contract Utilization report shows the percent utilization for each of the 25 NGTL pipeline segments and 3 major export delivery points comprising the total system. The utilization data is based on billed monthly volumes. Percent utilization is calculated as firm transportation service and firm transportation service + interruptible service divided by applicable receipt or delivery contract level. Historical Data involving billed volumes lags the current date by approximately two months.

Design Capability Utilization

The load factor/segment flow graphs show actual flow versus design capability values for various NGTL system areas. The graphs also show seasonal (winter/summer) design capability and average load factors (LF) for each season. Load factors are obtained by comparing the receipt, delivery, or throughput flow condition in each of the Alberta design areas against the corresponding design capability. Consequently, design capability utilization is measured as Average Actual Flow / Seasonal Design Capability. Data used in these reports lags the current date by at least one month.

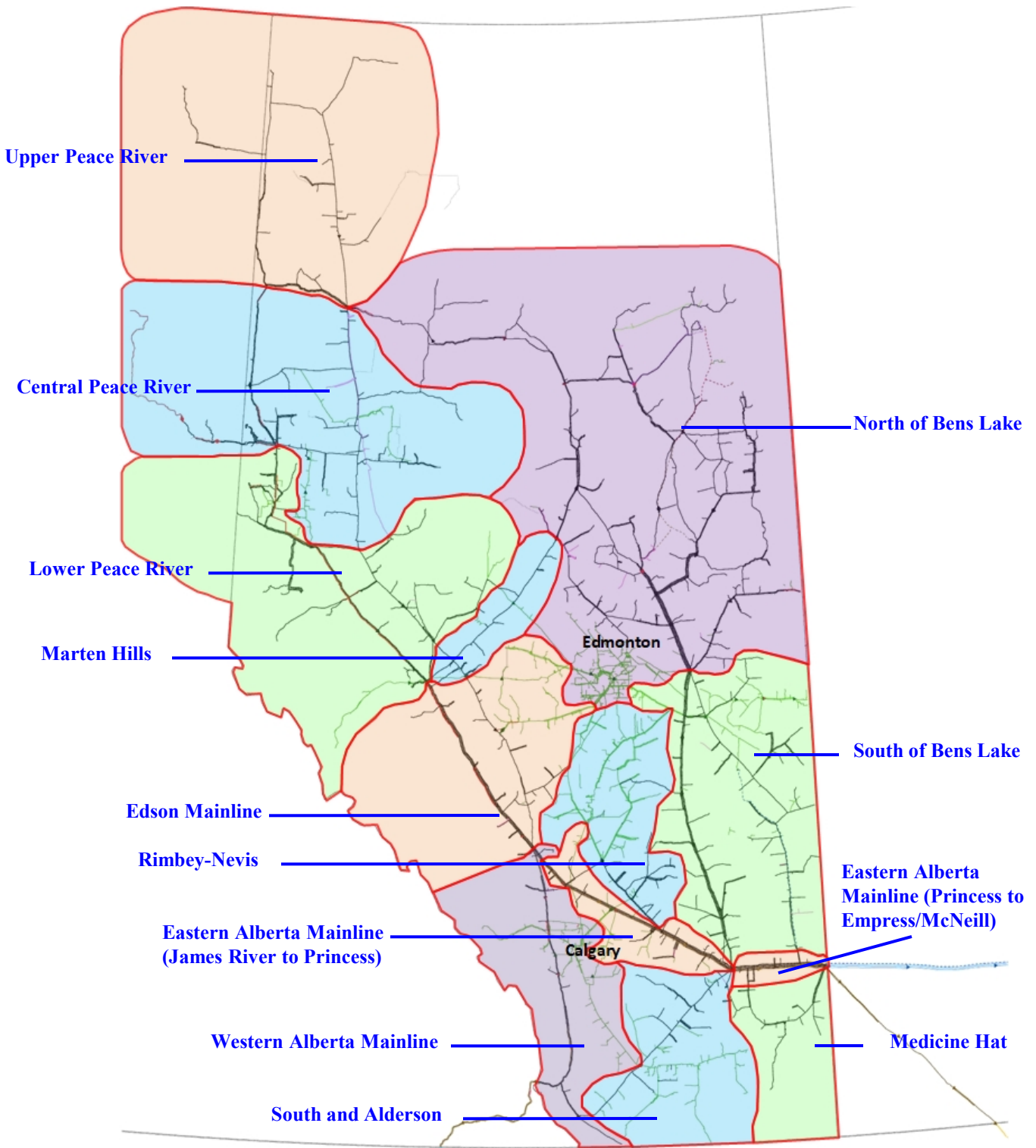
Design Flow Capability utilization is a function of several factors that include:

- Total market demand for Alberta natural gas.
- Seasonal changes in market demand for Alberta natural gas.
- Receipt nominating practices of customers individually and in aggregate to meet that level of demand.
- Scheduled maintenance which could effect actual flow requirement in a design area at any given time.
- Design assumptions used in determining required segment flow requirement.

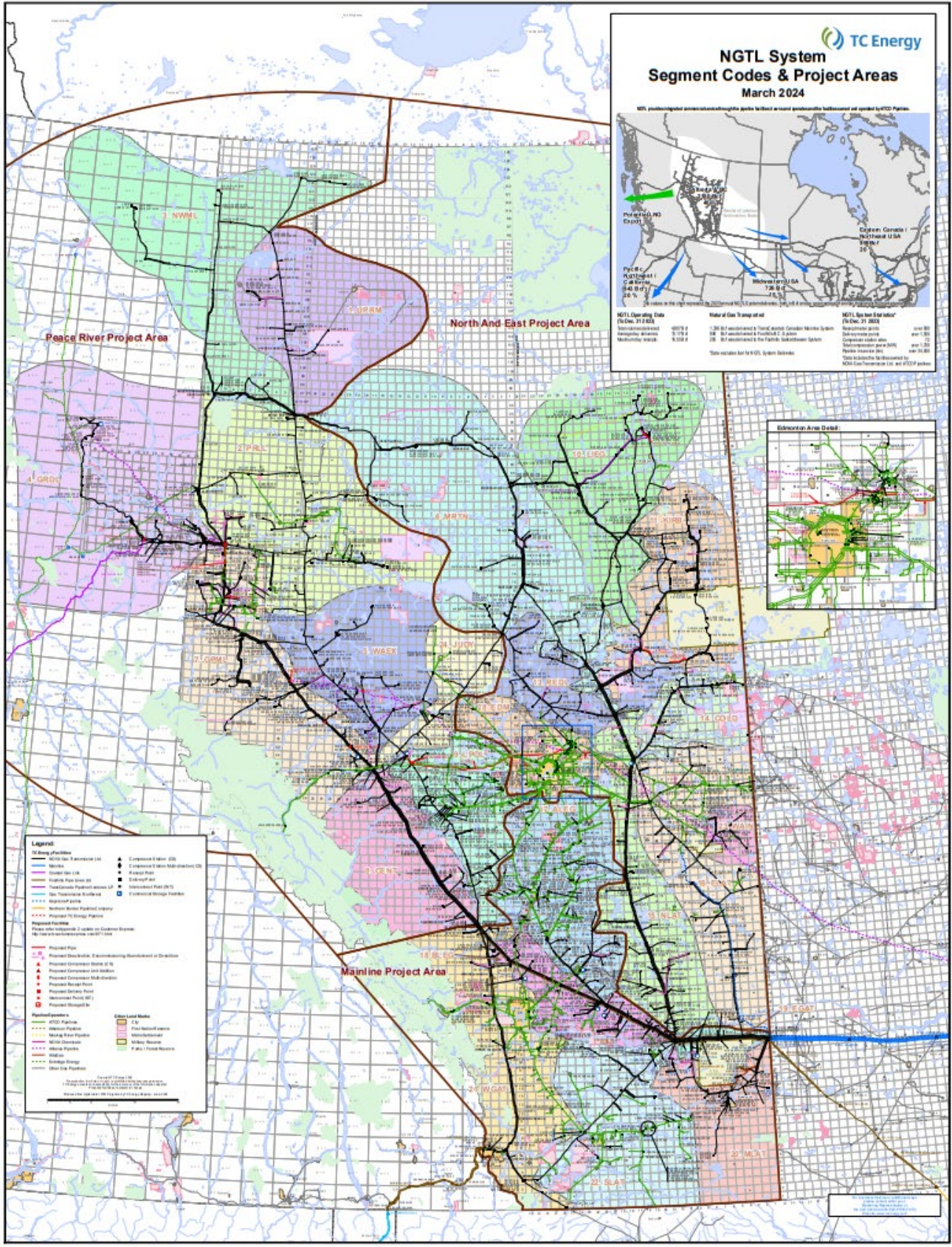
Future Firm Transportation Service Availability

The Future Firm Transportation Service Availability report presents guidelines and timing for all future firm transportation service requests.

NGTL Design Areas



(Last updated Oct 2019)



TC Energy NGTL System Segment Codes & Project Areas March 2024

NGL production areas and distribution points located in recent gasbasins (indicated on map) by TC Energy.

NGTL Operating Data
(As of: 31 Dec 2023)

Non-ferrous metal	3,374.4	100%	Not restricted to TC Energy's Canadian Market System
Non-ferrous metal	9,558.8	100%	Not restricted to the Facility's Subsystem System

Data values are the sum of values for 2023 Annual NGL production, plus all of the remaining production for 2023.

Major Gas To ramp up at

1,300 Bcf restricted to TC Energy's Canadian Market System
100 Bcf restricted to TC Energy's Canadian Market System
20 Bcf restricted to the Facility's Subsystem System

Data values are for USL System Subsystem.

NGL Sales to Gas Sales
(As of: 31 Dec 2023)

Residential gas	area 800
Commercial gas	area 100
Industrial gas	area 100
Power plants	area 100
Other gas	area 100

Data values are for USL System Subsystem.

Legend

TC Energy Facilities	Compression Station (CS)
NGL Gas Transmission Line	Compression Station (NGL/CS)
Pipeline	Project Point
Closed Gas Line	Project Point
Existing Pipe from 2011	Disposal Point
Topographic Pipeline (with LP)	Independent Point (IP)
Gas Transmission Pipeline	Forecasted Storage Facility
Independent Point	Independent Point (IP)
Non-TC Energy Pipeline	Non-TC Energy Pipeline
Proposed Pipeline	Proposed Pipeline
Project Point	Project Point
Project Description: E (Exploration), M (Manufacturing) or D (Distribution)	Project Description: E (Exploration), M (Manufacturing) or D (Distribution)
Project Compression Station (CS)	Project Compression Station (CS)
Project Compression Line Station	Project Compression Line Station
Project Storage Point	Project Storage Point
Project Storage Point	Project Storage Point
Project Storage Point	Project Storage Point
Project Storage Point	Project Storage Point
Project Storage Point	Project Storage Point

Please refer to the legend for details on the symbols used.



DEFINITION OF TERMS

Design Capability Utilization

Actual Flow

The amount of gas flowing within or out of the design area.

Design Capability

The volume of gas that can be transported from the design area on the pipeline system considering given design assumptions.

AVGLF (Average Load Factor)

The ratio between average *Actual Flow* and *Design Capability*. It is calculated for every design season (summer/winter) as shown on the graphs.

Intra NGTL System Deliveries

The amount of sales gas flowing off the system within an area.

Receipt Flow

Aggregate of actual receipts within an area and the *Actual Flow* of the upstream area.

Other

System Load Factor

The volume weighted average of the *Average Load Factor (AVGLF)* of all design areas on the system
