

SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending
April 2015

<http://www.transcanada.com/customerexpress/2885.html>

Published date:
July 21st, 2015

Highlights This Month:

- No new highlights for April 2015

NOVA Gas Transmission Ltd.

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If you have any questions on the content of this report, contact Winston Cao at (403) 920-5315 or via fax at (403) 920-2357.

FIRM TRANSPORTATION SERVICE¹ CONTRACT UTILIZATION³

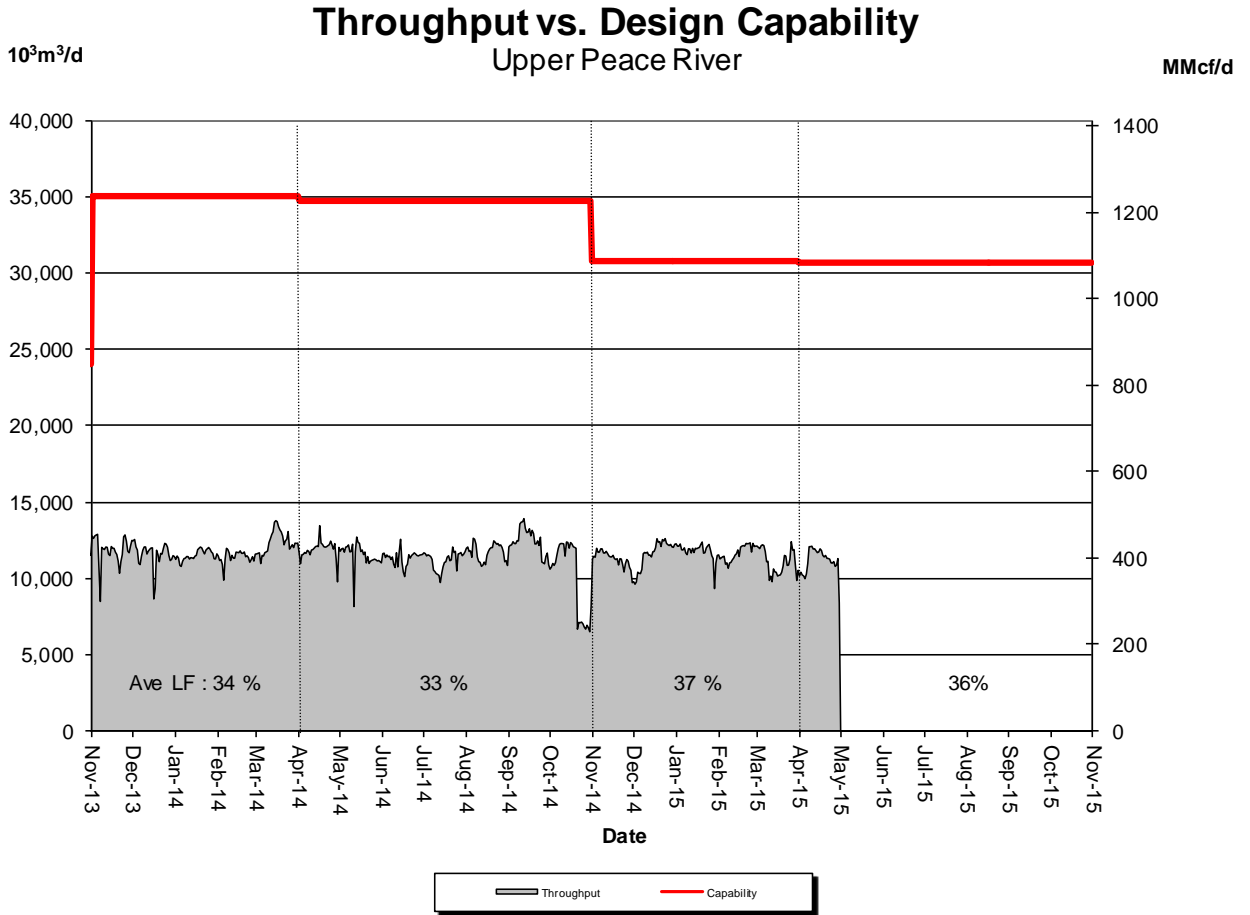
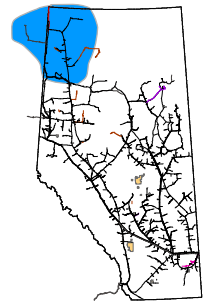
By NGTL Pipeline Segments
April 2015

Segment	Contract	Delivery		Receipt	
		Utilization	Apr CD (TJ/d)	Utilization	Apr CD (MMcf/d)
UPRM	FT	2%	22.9	89%	69
	FT + IT ²	3%		98%	
PRL	FT	40%	41.9	94%	103
	FT + IT	42%		106%	
NWML	FT	63%	8.0	64%	525
	FT + IT	63%		66%	
GRDL	FT	30%	9.1	84%	1,994
	FT + IT	30%		93%	
WRSY	FT	0%	0.0	85%	14
	FT + IT	0%		109%	
WAEX	FT	18%	13.7	87%	449
	FT + IT	45%		102%	
JUDY	FT	34%	29.2	94%	56
	FT + IT	37%		128%	
GPML	FT	32%	168.2	91%	3,384
	FT + IT	37%		98%	
CENT	FT	0%	0.0	93%	1,198
	FT + IT	0%		109%	
LPOL	FT	27%	77.2	93%	755
	FT + IT	29%		109%	
WGAT	FT	69%	3,464.8	98%	303
	FT + IT	73%		121%	
ALEG	FT	42%	350.0	93%	791
	FT + IT	47%		119%	
SLAT	FT	21%	181.4	91%	208
	FT + IT	22%		111%	
MLAT	FT	78%	262.5	88%	213
	FT + IT	82%		99%	
BLEG	FT	56%	134.3	93%	561
	FT + IT	57%		106%	
EGAT	FT	96%	3,853.7	91%	30
	FT + IT	118%		112%	
MRTN	FT	20%	37.6	73%	62
	FT + IT	23%		118%	
LIEG	FT	66%	1,462.3	57%	37
	FT + IT	68%		109%	
KIRB	FT	69%	1,390.6	69%	48
	FT + IT	71%		101%	
SMHI	FT	42%	12.0	80%	25
	FT + IT	42%		167%	
REDL	FT	0%	15.0	66%	42
	FT + IT	7%		104%	
COLD	FT	42%	119.5	76%	10
	FT + IT	60%		222%	
EDM	FT	38%	1,773.1	95%	41
	FT + IT	38%		122%	
NLAT	FT	22%	14.8	94%	127
	FT + IT	23%		123%	
WAIN	FT	17%	0.4	87%	8
	FT + IT	17%		130%	
ELAT	FT	75%	272.2	96%	116
	FT + IT	80%		136%	
TOTAL SYSTEM	FT	70%	13,714.5	89%	11,171
	FT + IT	78%		102%	

*NOTE:

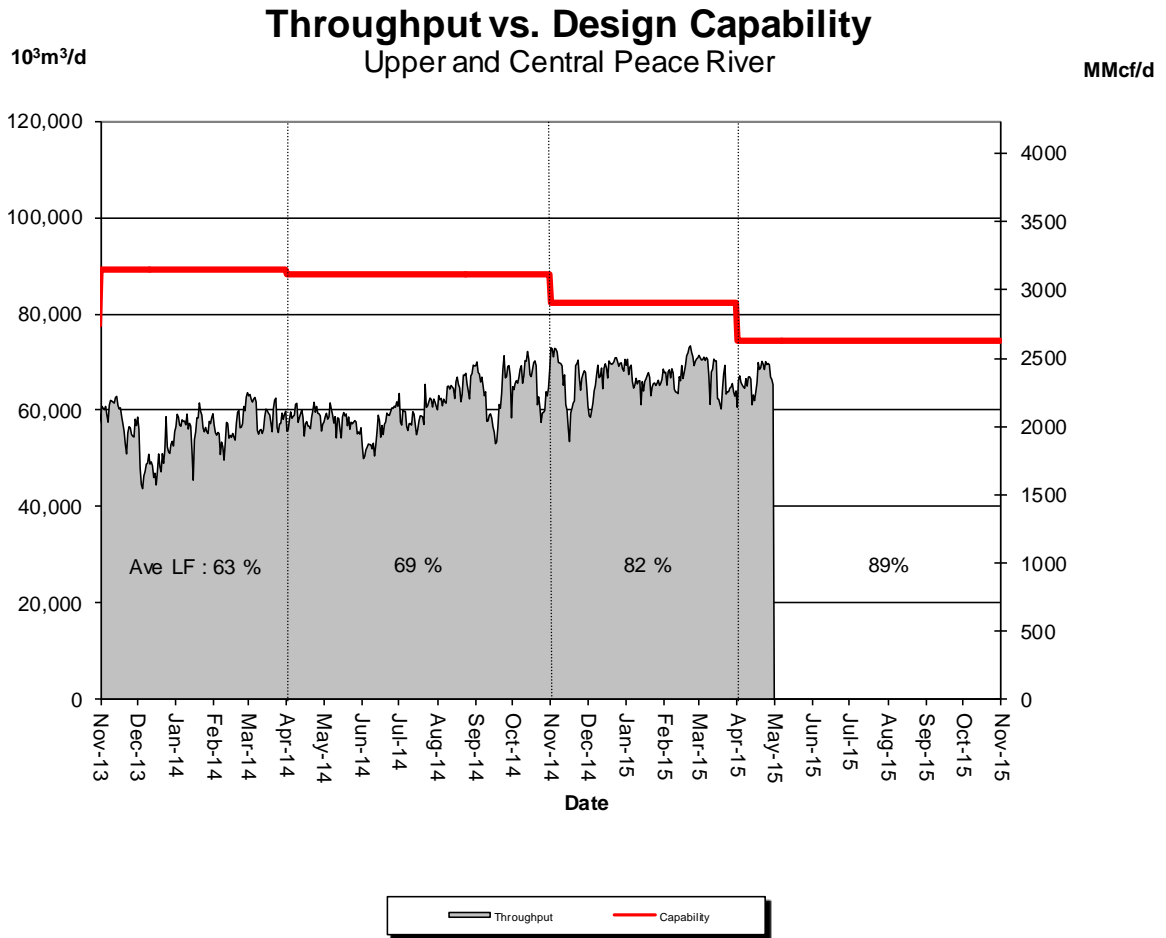
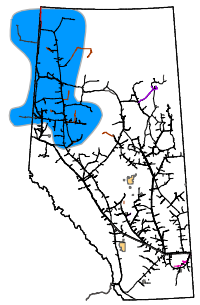
1. FT includes all receipt and delivery Firm Transportation Services: FTR, FTRN, LRS, FTD1,
2. IT includes receipt and delivery Interruptible Services: IT-R and IT-D respectively.
3. Utilization data is based on billed monthly volumes. Percent utilization calculated as FT and FT + IT billed volumes divided by applicable receipt or delivery Contract level.

DESIGN CAPABILITY UTILIZATION UPPER PEACE RIVER



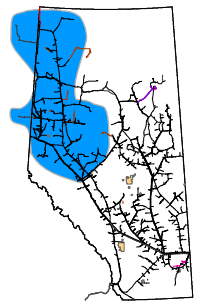
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	37%	38%	38%	38%	36%	36%

DESIGN CAPABILITY UTILIZATION UPPER and CENTRAL PEACE RIVER

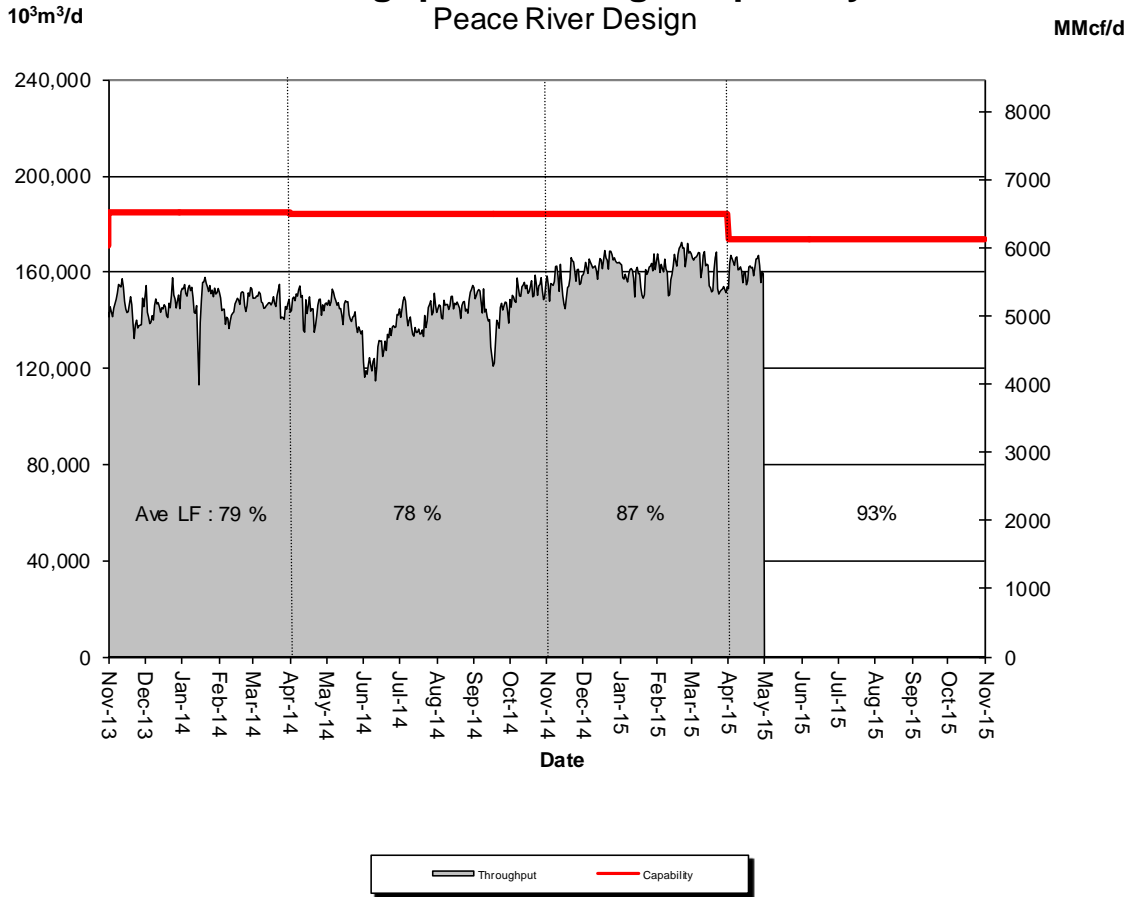


% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	81%	82%	81%	83%	81%	89%

DESIGN CAPABILITY UTILIZATION PEACE RIVER DESIGN (Upper, Central and Lower Peace River)



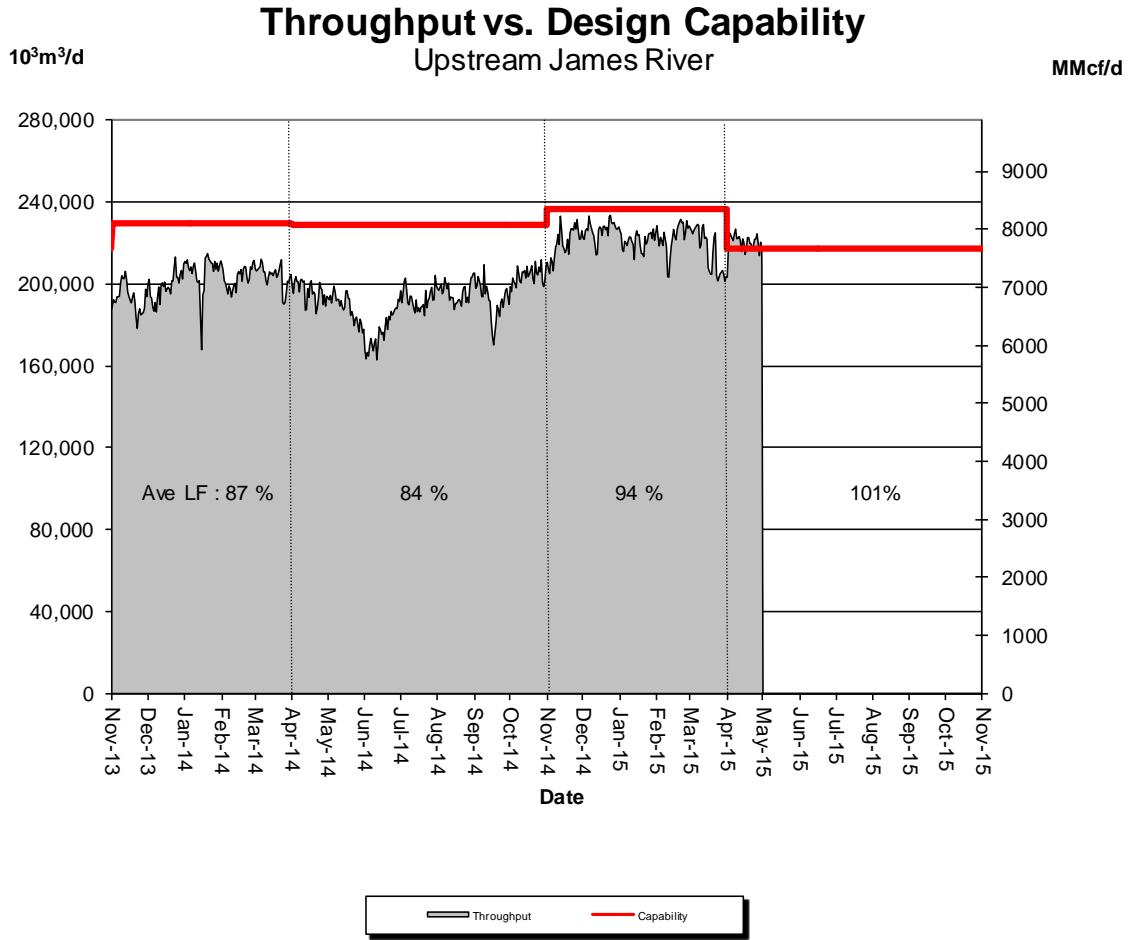
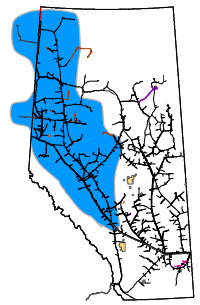
Throughput vs. Design Capability Peace River Design



% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	85%	89%	86%	89%	87%	93%

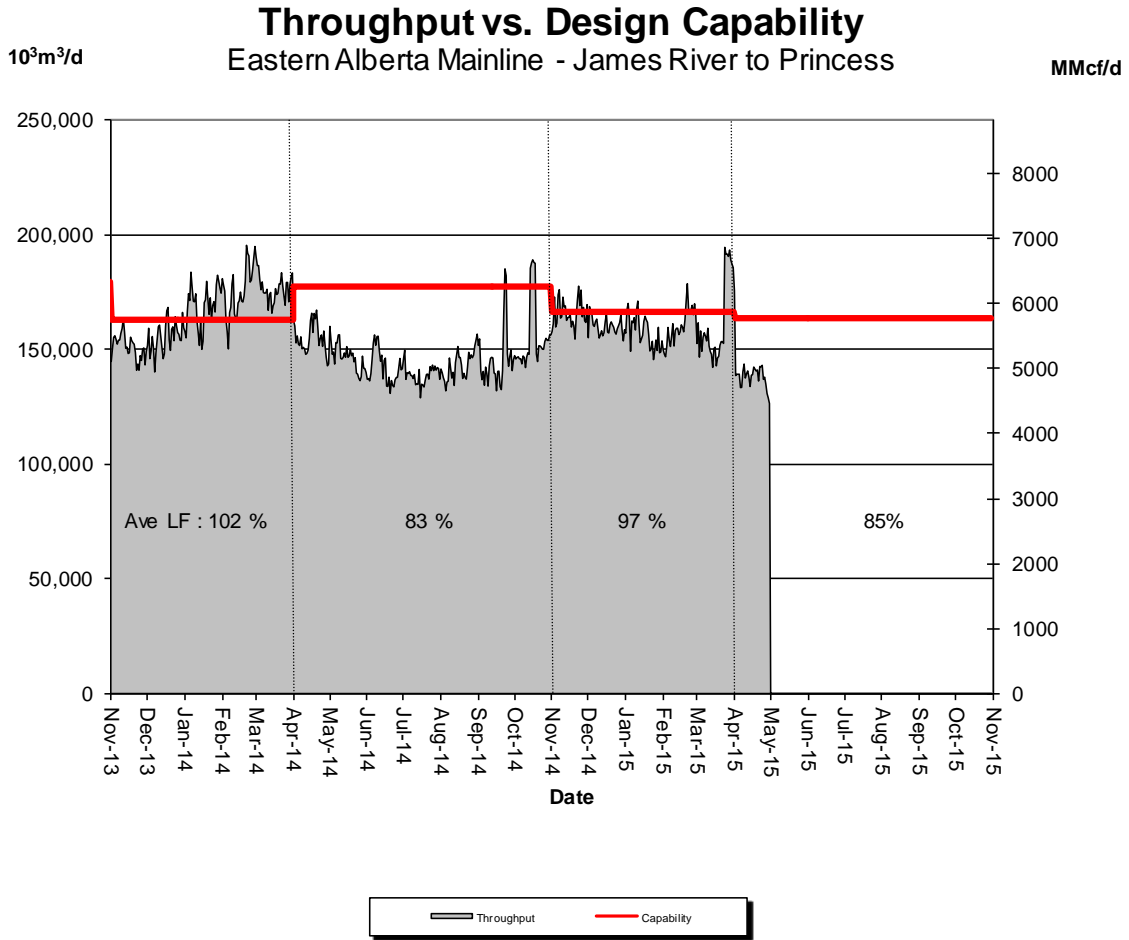
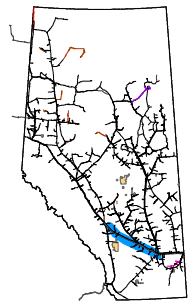
DESIGN CAPABILITY UTILIZATION UPSTREAM JAMES RIVER

(Edson Mainline, Peace River Design and Marten Hills)



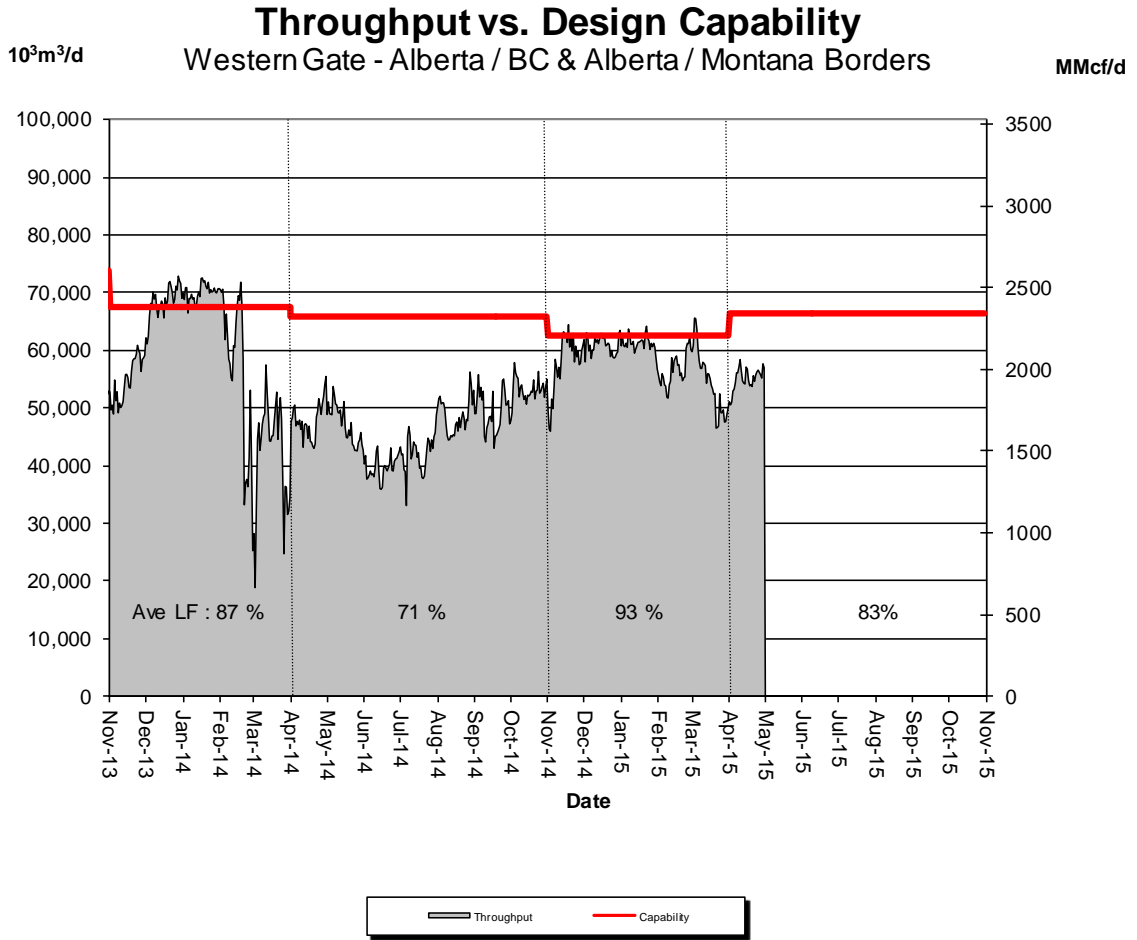
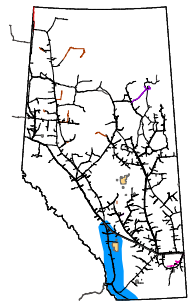
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	93%	96%	93%	94%	91%	101%

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



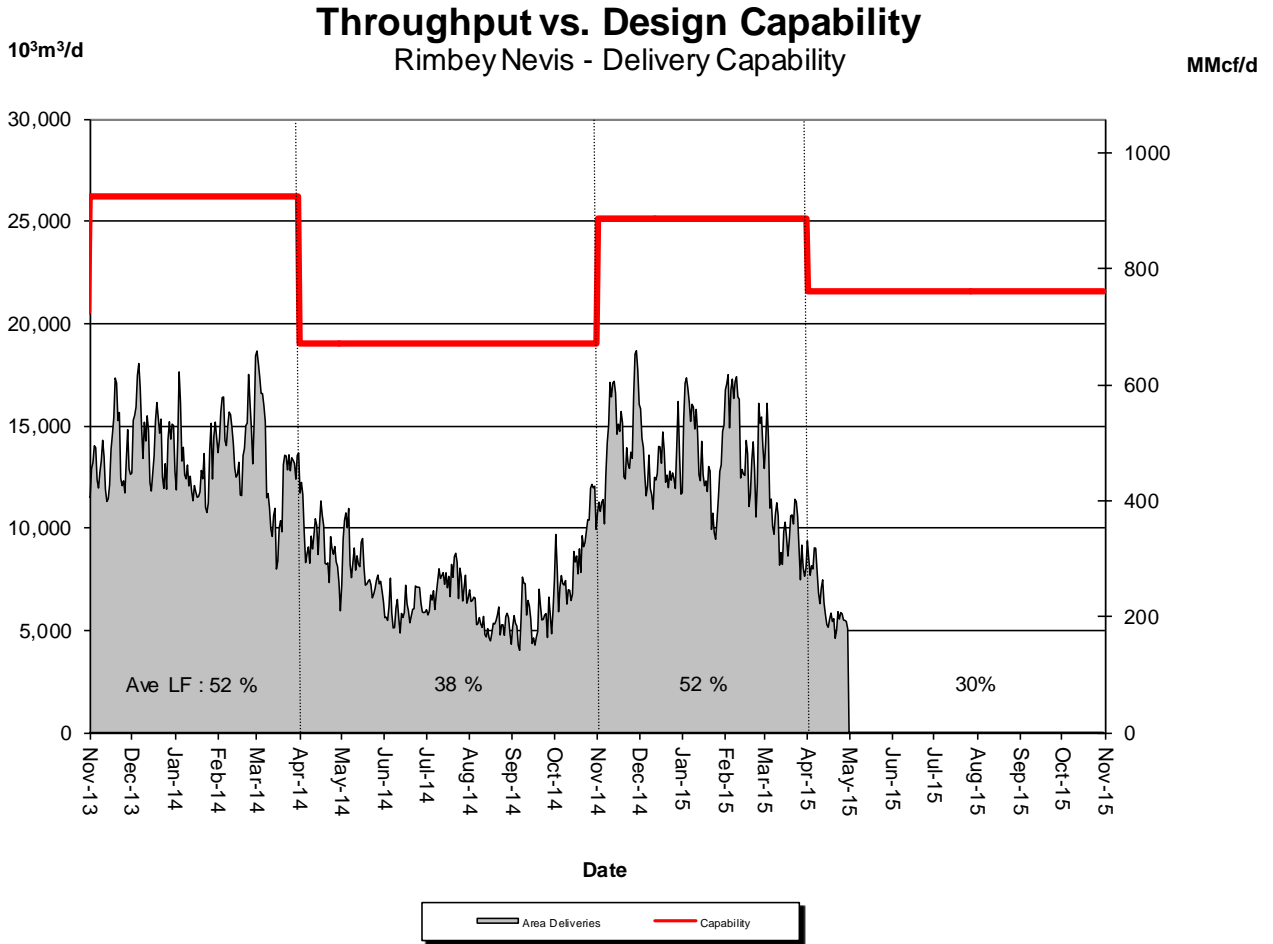
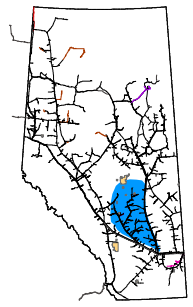
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	100%	96%	95%	96%	97%	85%

DESIGN CAPABILITY UTILIZATION WESTERN ALBERTA MAINLINE (Alberta/B.C. and Alberta/Montana Borders)



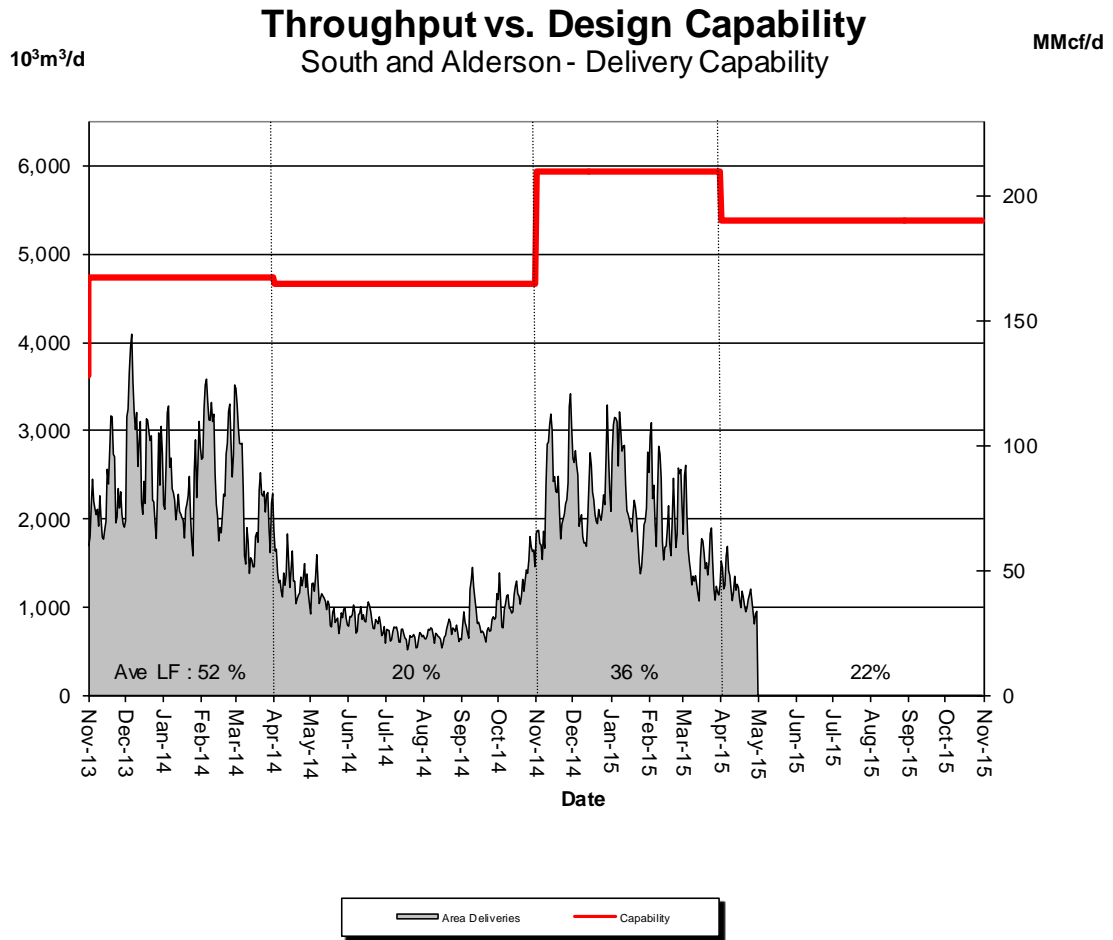
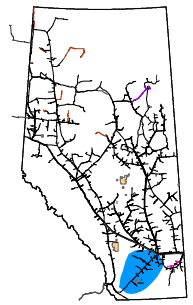
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	93%	97%	98%	91%	87%	83%

DESIGN CAPABILITY UTILIZATION RIMBEY-NEVIS – FLOW WITHIN



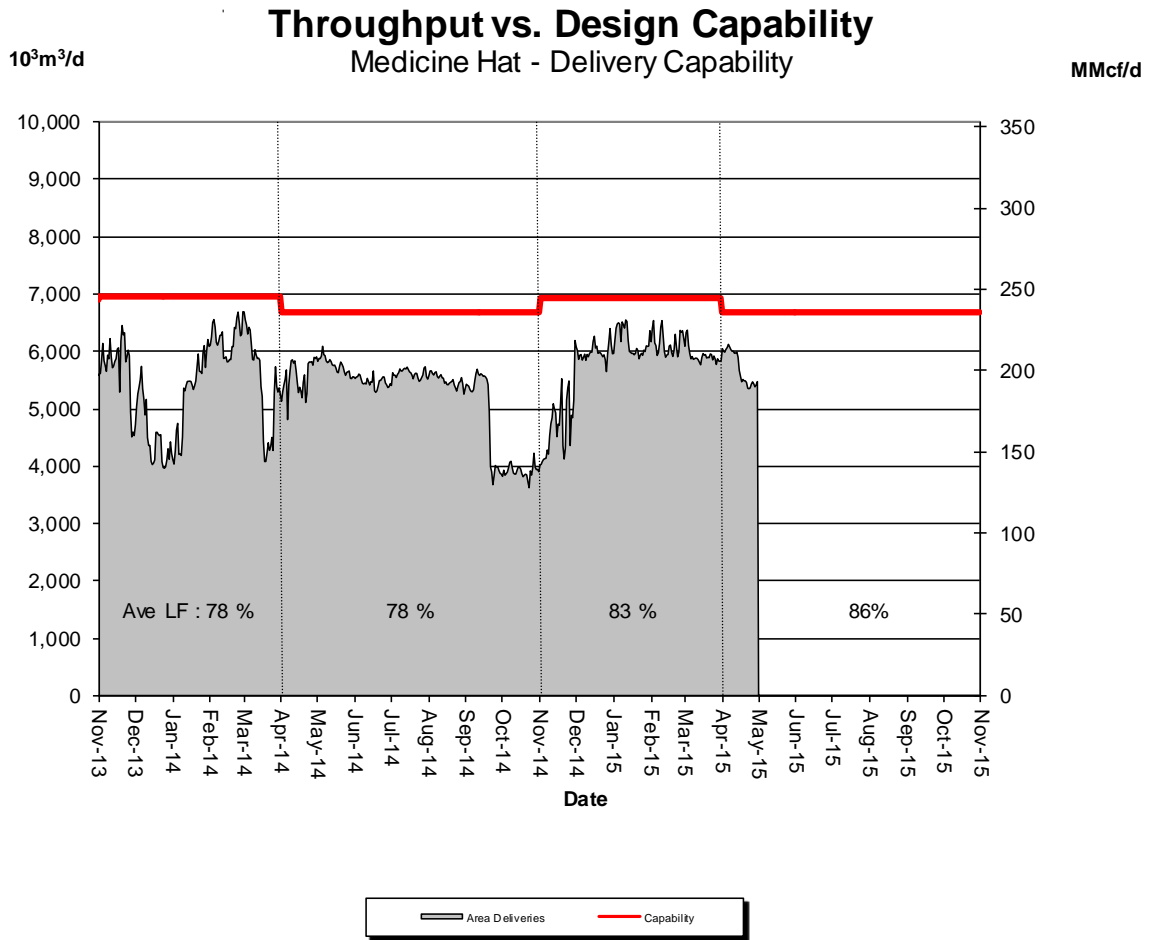
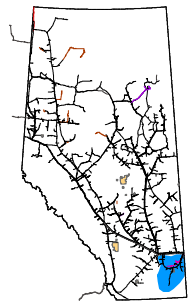
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	57%	52%	54%	58%	41%	30%

DESIGN CAPABILITY UTILIZATION SOUTH and ALDERSON – FLOW WITHIN



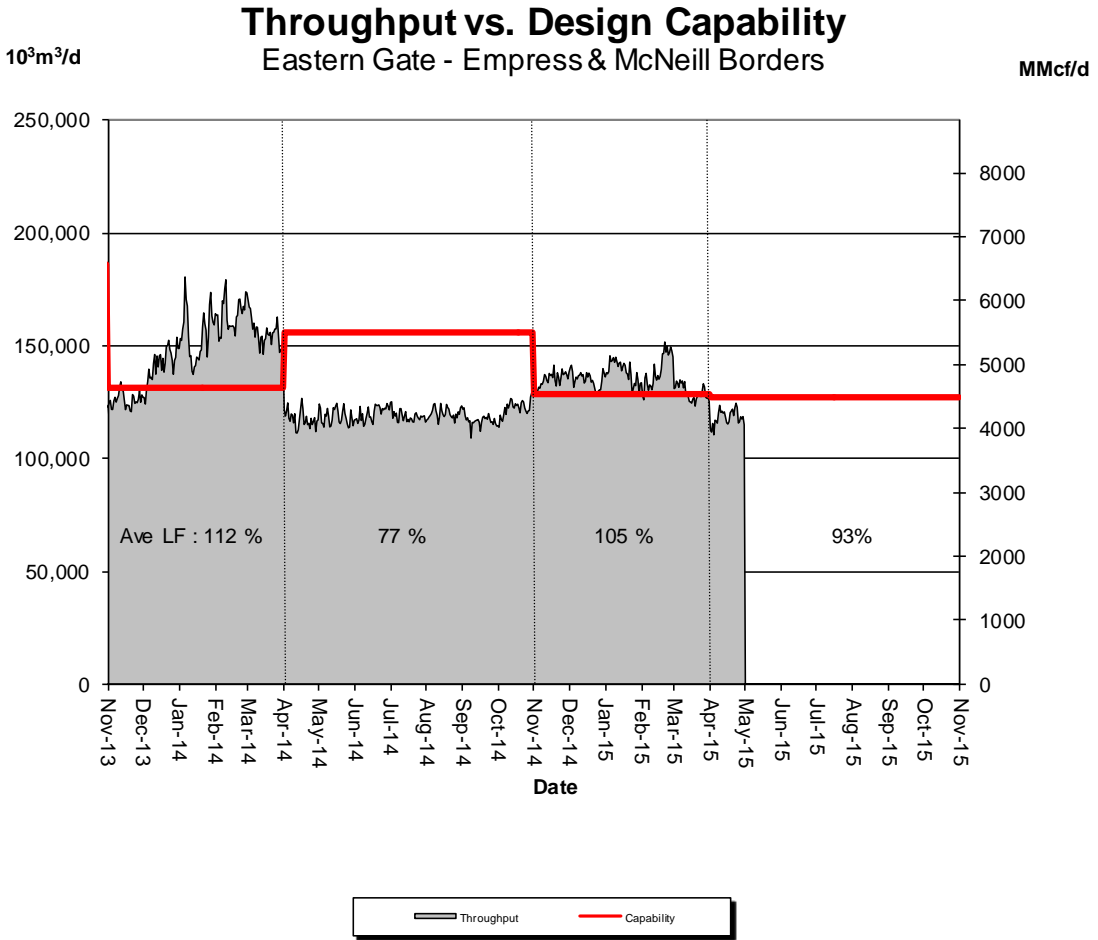
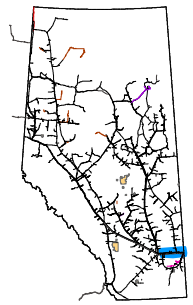
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	39%	38%	39%	37%	26%	22%

DESIGN CAPABILITY UTILIZATION MEDICINE HAT – FLOW WITHIN

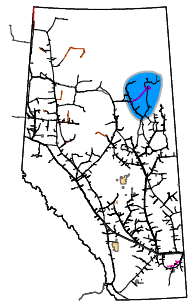


% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	68%	86%	89%	89%	85%	86%

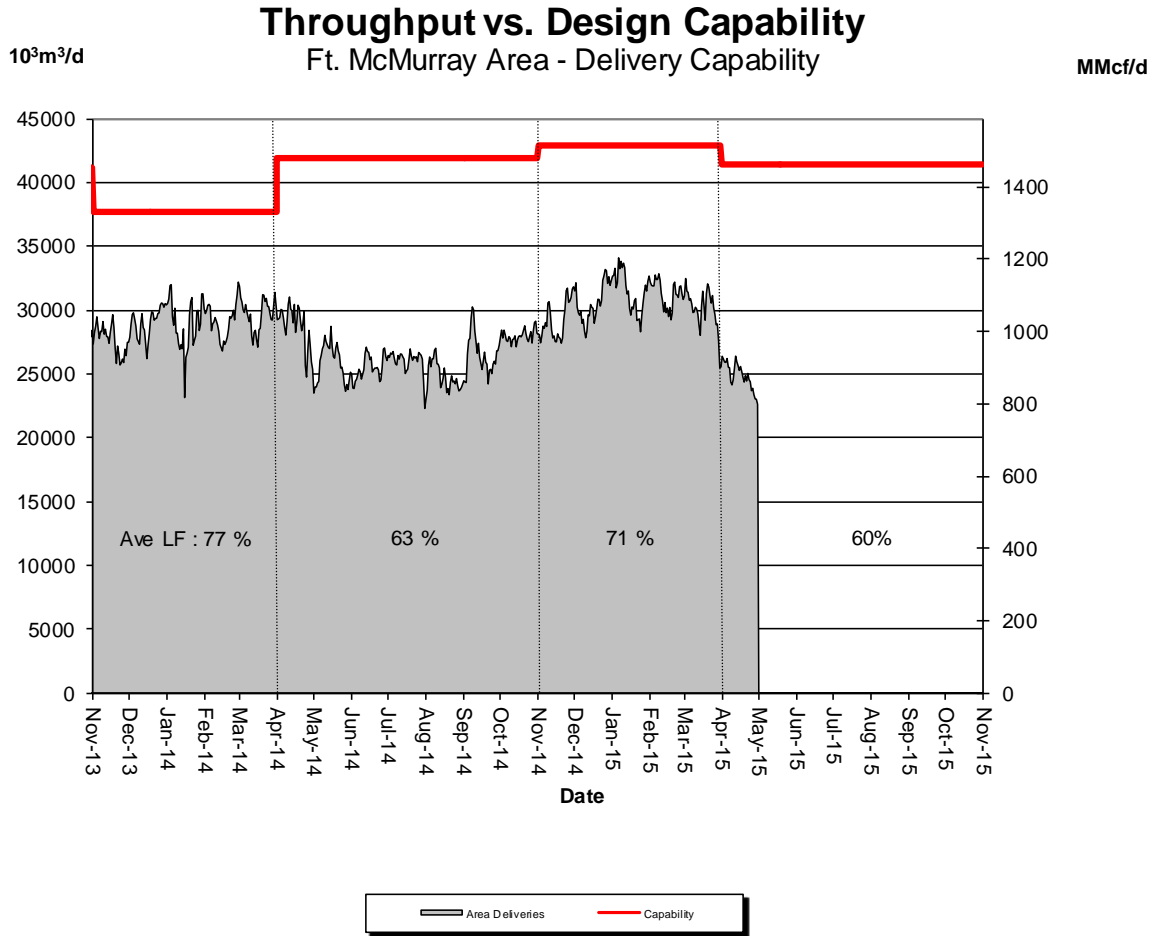
DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE (Princess to Empress / McNeill)



% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	105%	105%	108%	108%	101%	93%

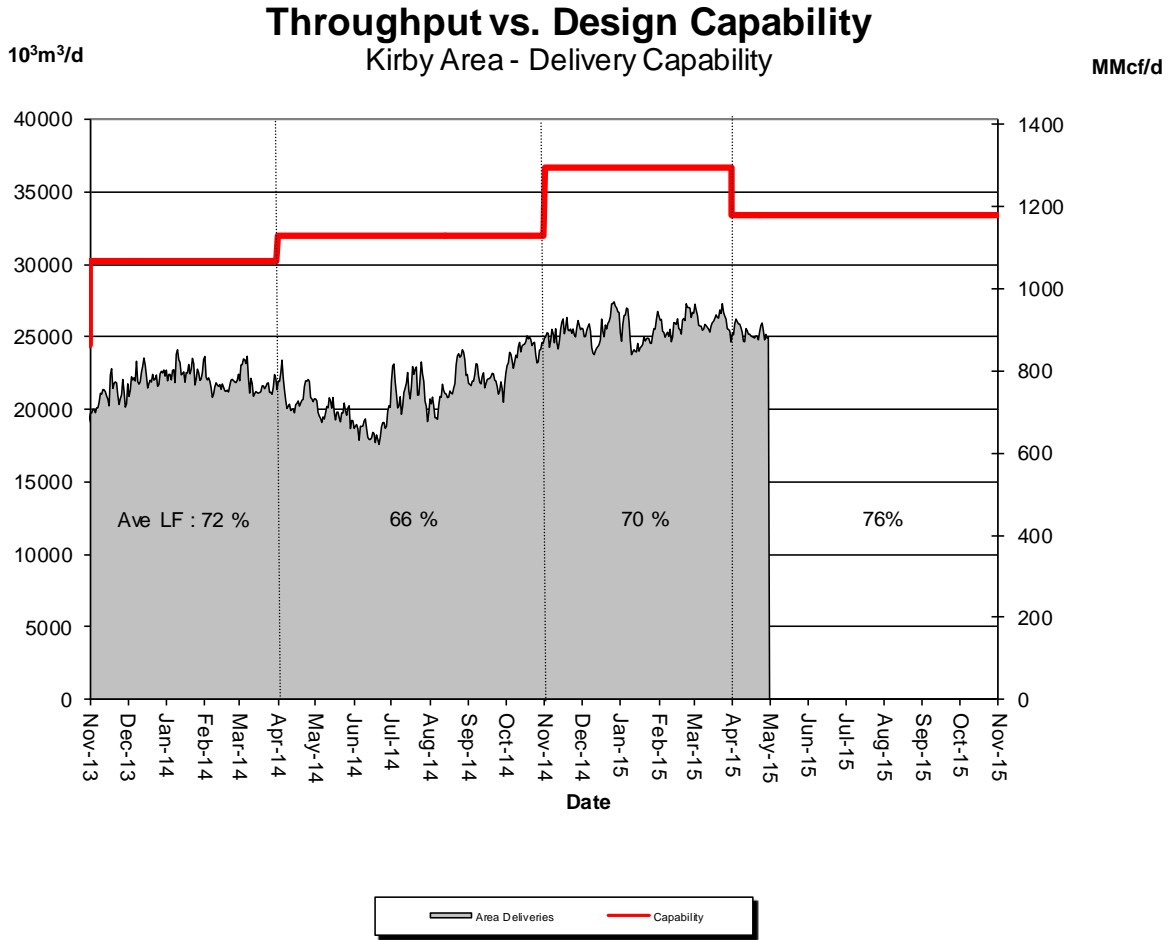
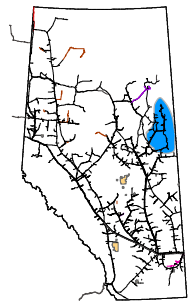


DESIGN CAPABILITY UTILIZATION FT. McMURRAY AREA – FLOW WITHIN



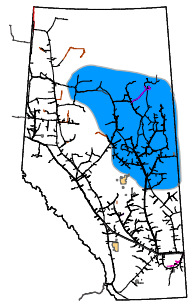
% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	68%	71%	73%	73%	70%	60%

DESIGN CAPABILITY UTILIZATION KIRBY AREA – FLOW WITHIN

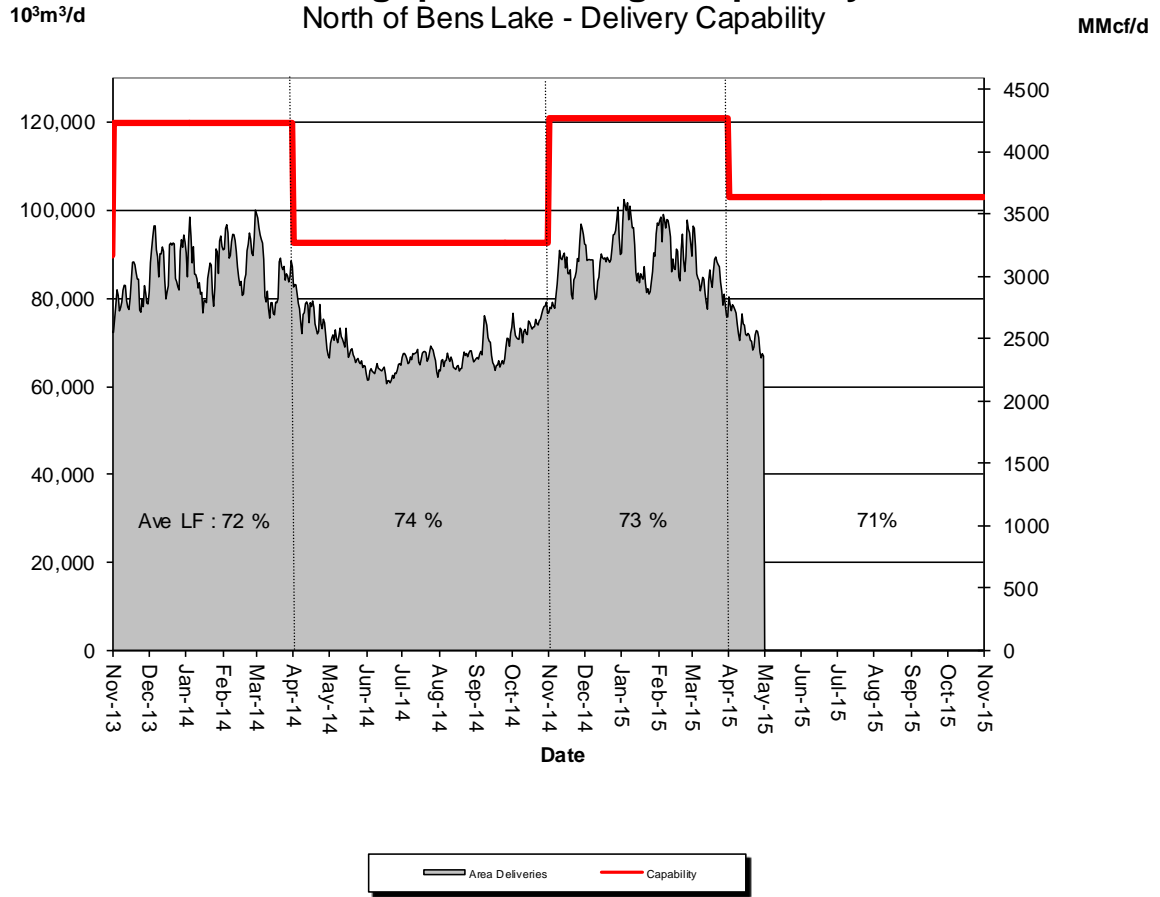


% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	69%	70%	68%	71%	71%	76%

DESIGN CAPABILITY UTILIZATION NORTH OF BENS LAKE – FLOW WITHIN

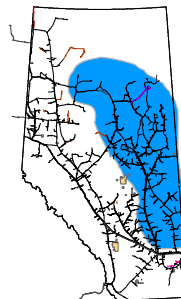


Throughput vs. Design Capability



% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	71%	74%	75%	77%	70%	71%

DESIGN CAPABILITY UTILIZATION NORTH & SOUTH OF BENS LAKE – FLOW WITHIN

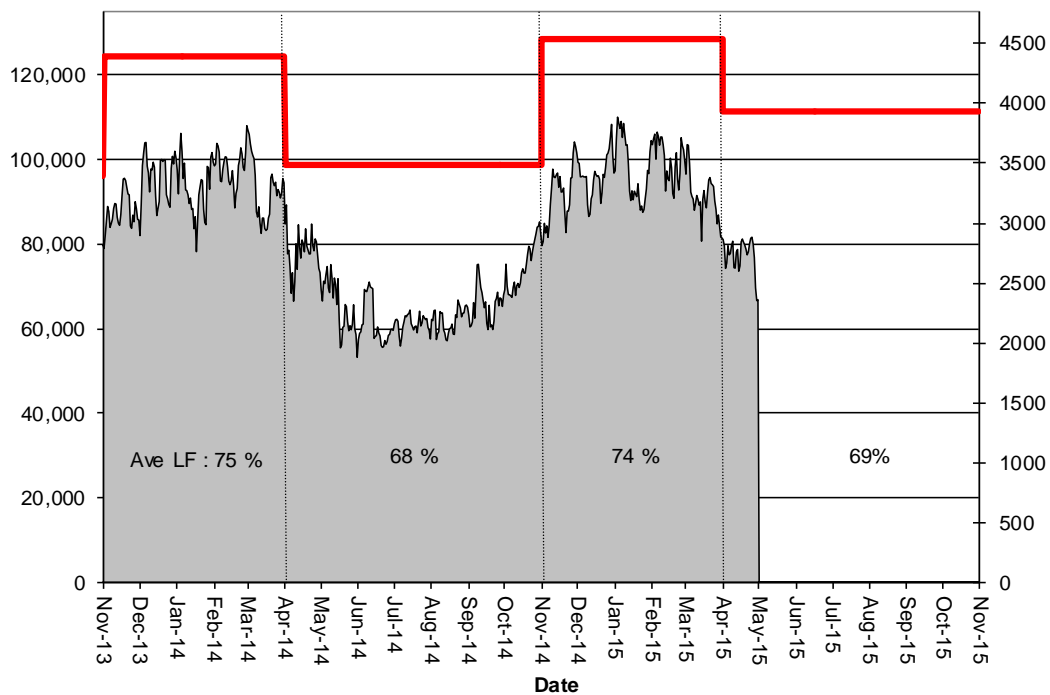


Throughput vs. Design Capability

10³m³/d

North and East - Delivery Capability

MMcf/d



% Design Capability Utilization						
Design Capability	Nov	Dec	Jan	Feb	Mar	Apr
	71%	75%	76%	78%	71%	69%

FUTURE FIRM TRANSPORTATION SERVICE AVAILABILITY (MAINLINE RESTRICTIONS)

Receipt and Delivery Firm Transportation Guidelines

Firm Transportation Location	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Summer construction (generally south of Edmonton)	November 2014	November 2016
Winter construction (generally north of Edmonton)	November 2014	April 2017

Estimated Firm Transportation Service Availability

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

<http://www.transcanada.com/customerexpress/2801.html>

➤ If your needs for firm transportation service arise after the above dates to “Authorize Firm Transportation Service By”, NGTL will evaluate your new receipt firm transportation service or firm service transfer requests on a date-stamped basis.

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

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* (26 segments make up the system, without 23 & 27) 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 26 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.

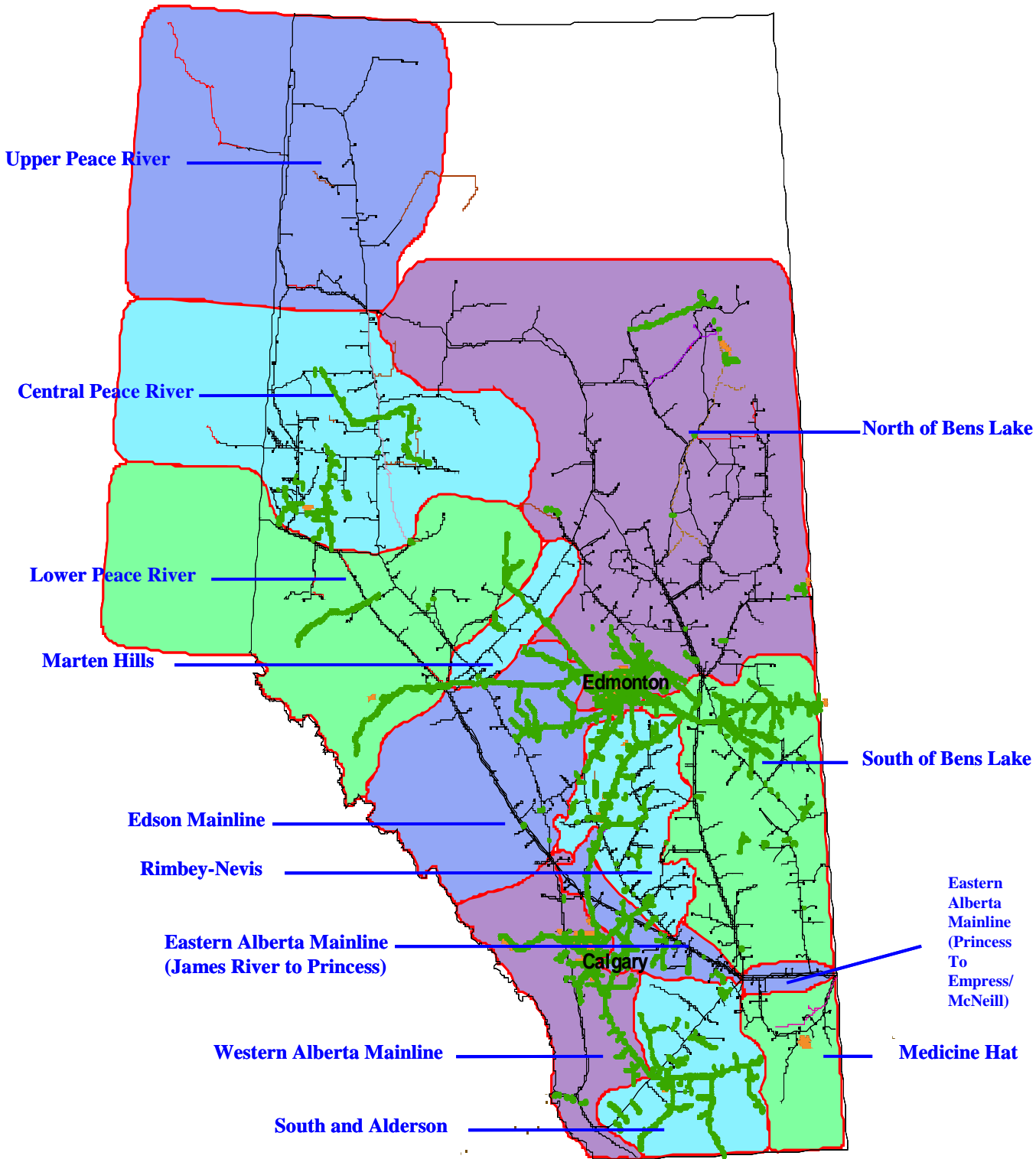
Design Flow Capability utilization is a function of several factors that include:

- 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.

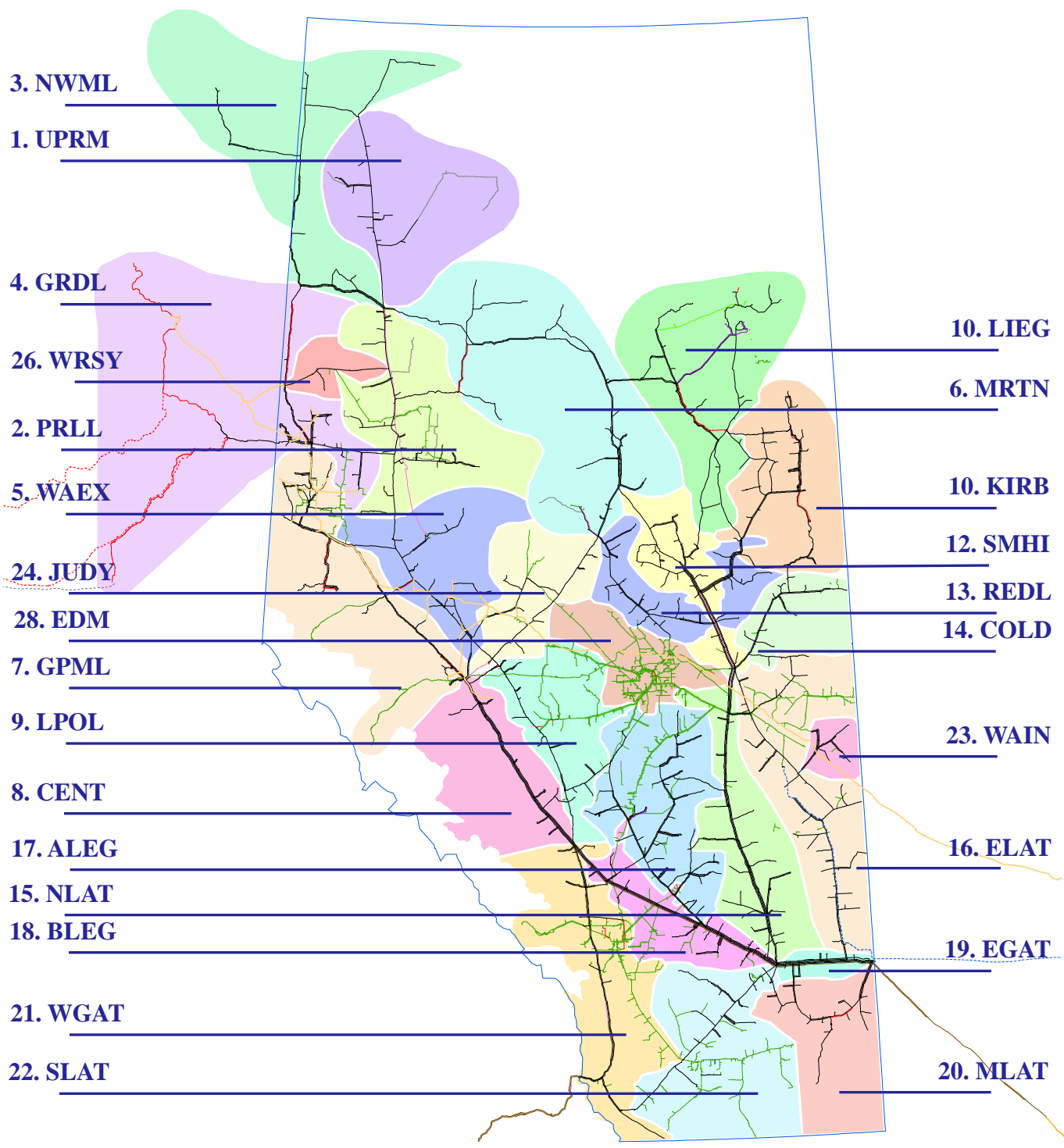
Future Firm Transportation Service Availability

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

NGTL Design Areas



(Last updated Nov 2011)



Last Update May, 2015

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
