SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending
March 2014

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

Published date:
June 6th, 2014

Highlights This Month:

- Design capabilities are based on assumptions regarding storage, ambient air and ground temperatures, flow distribution, design area boundary conditions, and local area supply and deliveries. Actual flows on the Eastern Alberta Mainline and the Eastern and Western Gates may exceed the design capability due to flow conditions that deviate from these assumptions.

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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.

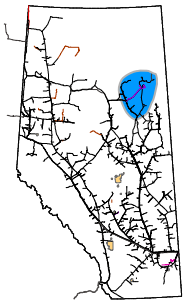
FIRM TRANSPORTATION SERVICE[1] CONTRACT UTILIZATION[3]

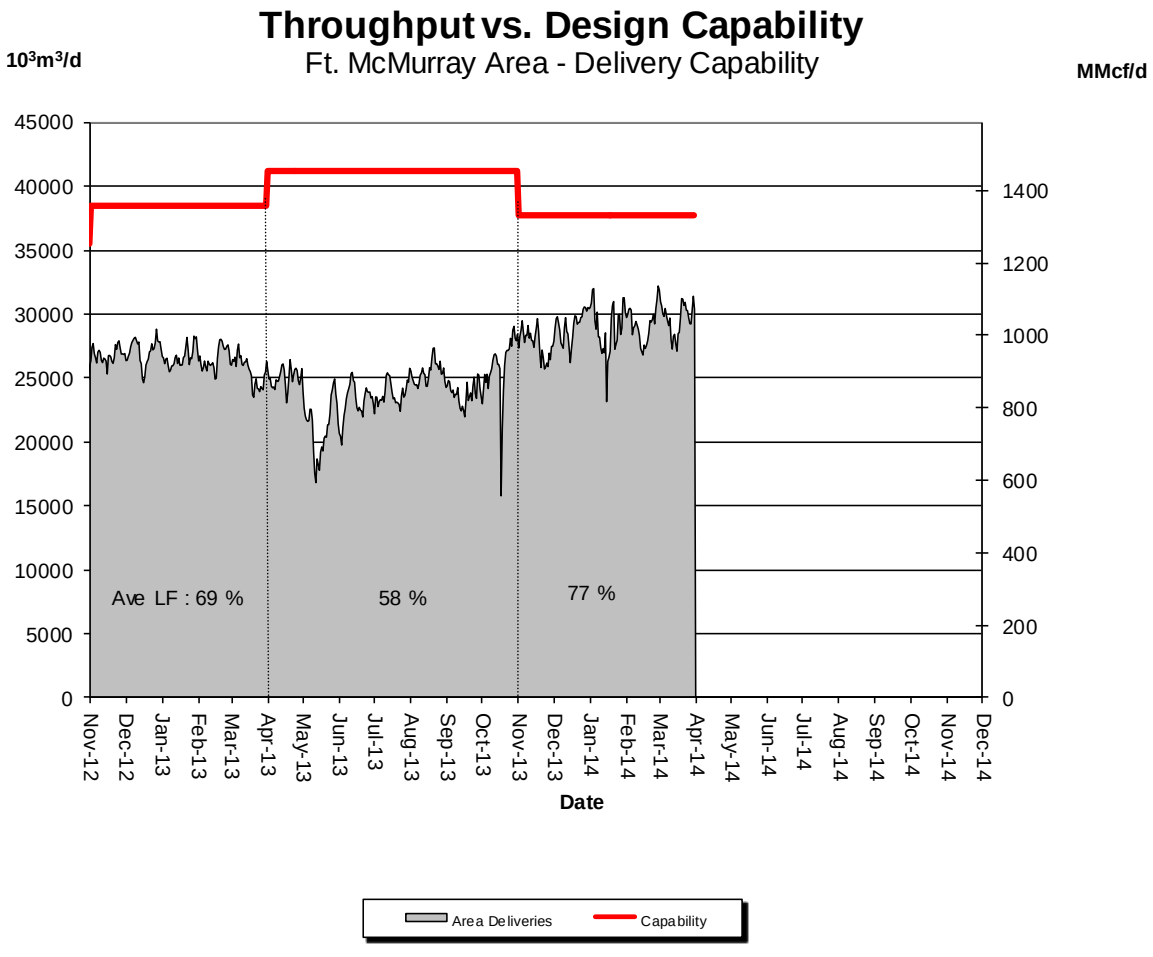
By NGTL Pipeline Segments
March 2014

Segment	Contract	Delivery Utilization	Delivery Mar CD (TJ/d)	Receipt Utilization	Receipt Mar CD (MMcf/d)
UPRM	FT	1%	23.0	91%	56
	FT + IT[2]	10%		110%	
PRLL	FT	49%	47.0	89%	113
	FT + IT	56%		102%	
NWML	FT	13%	8.0	61%	581
	FT + IT	14%		68%	
GRDL	FT	25%	9.0	75%	1,822
	FT + IT	26%		84%	
WRSY	FT	0%	0.0	87%	19
	FT + IT	0%		104%	
WAEX	FT	17%	13.7	83%	364
	FT + IT	51%		112%	
JUDY	FT	39%	33.8	90%	71
	FT + IT	40%		114%	
GPML	FT	48%	163.3	90%	2,963
	FT + IT	56%		100%	
CENT	FT	46%	1.3	96%	878
	FT + IT	46%		122%	
LPOL	FT	48%	76.9	97%	584
	FT + IT	60%		125%	
WGAT	FT	60%	3,616.0	96%	395
	FT + IT	60%		109%	
ALEG	FT	58%	343.3	96%	822
	FT + IT	64%		120%	
SLAT	FT	40%	179.0	92%	217
	FT + IT	40%		111%	
MLAT	FT	68%	262.8	70%	214
	FT + IT	78%		78%	
BLEG	FT	56%	138.5	93%	582
	FT + IT	57%		104%	
EGAT	FT	98%	4,158.1	77%	36
	FT + IT	142%		97%	
MRTN	FT	22%	36.4	82%	74
	FT + IT	29%		100%	
LIEG	FT	86%	1,239.8	54%	31
	FT + IT	98%		208%	
KIRB	FT	74%	1,119.2	71%	36
	FT + IT	76%		134%	
SMHI	FT	60%	12.0	82%	36
	FT + IT	60%		121%	
REDL	FT	86%	10.0	90%	38
	FT + IT	105%		120%	
COLD	FT	61%	88.6	88%	22
	FT + IT	100%		115%	
EDM	FT	54%	1,746.2	92%	59
	FT + IT	56%		121%	
NLAT	FT	46%	15.9	95%	130
	FT + IT	48%		124%	
WAIN	FT	38%	0.4	79%	8
	FT + IT	38%		138%	
ELAT	FT	87%	268.9	94%	119
	FT + IT	96%		135%	
TOTAL SYSTEM	FT	74%	13,611.2	87%	10,269
	FT + IT	90%		103%	

*NOTE:
1. FT includes all receipt and delivery Firm Transportation Services: FTR, FTRN, LRS, FTD1, FTD2,
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.

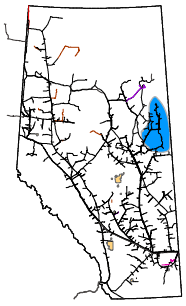
DESIGN CAPABILITY UTILIZATION
FT. McMURRAY AREA – FLOW WITHIN

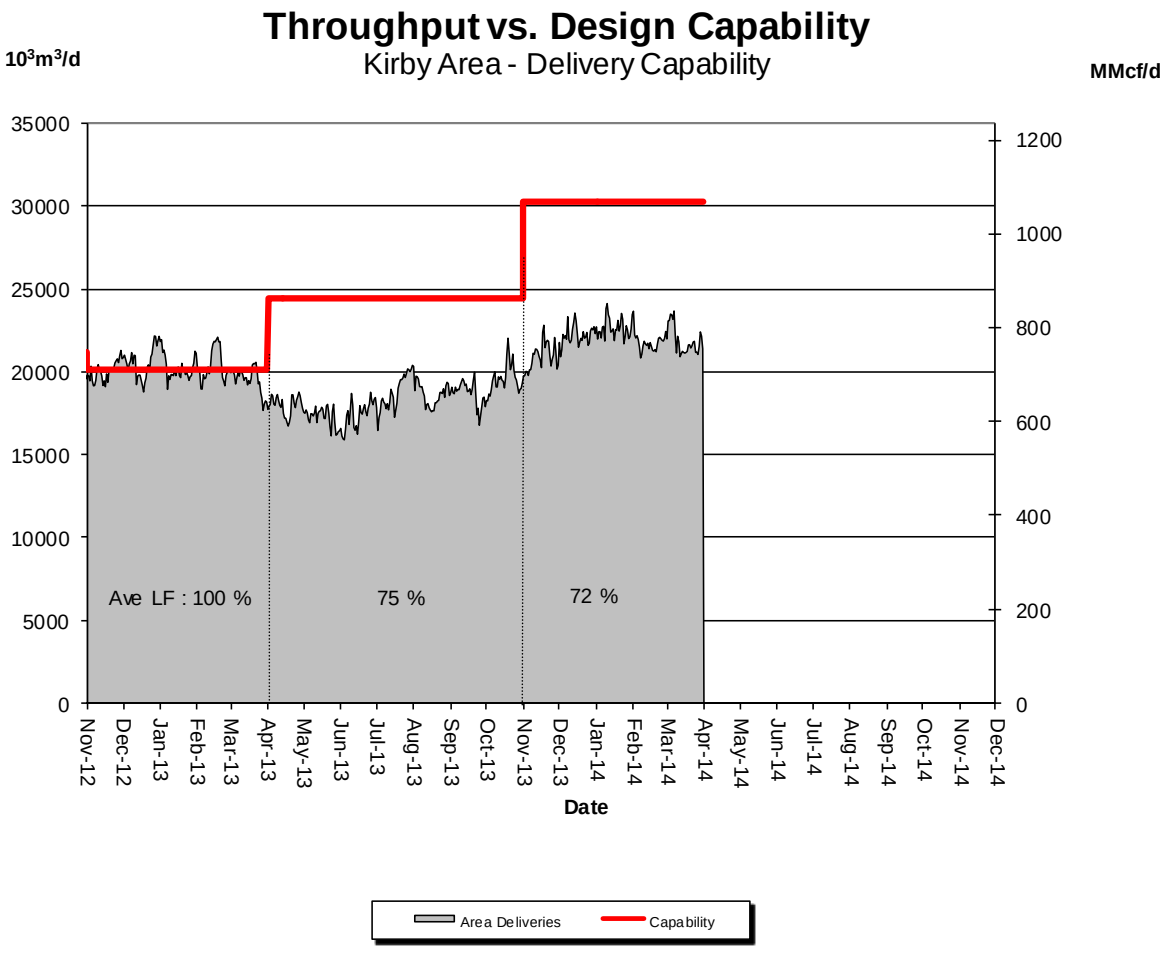




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 63	Nov 73	Dec 77	Jan 77	Feb 77	Mar 79

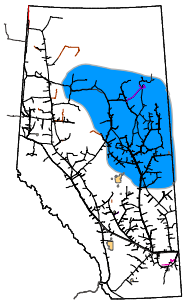
DESIGN CAPABILITY UTILIZATION
KIRBY AREA – FLOW WITHIN

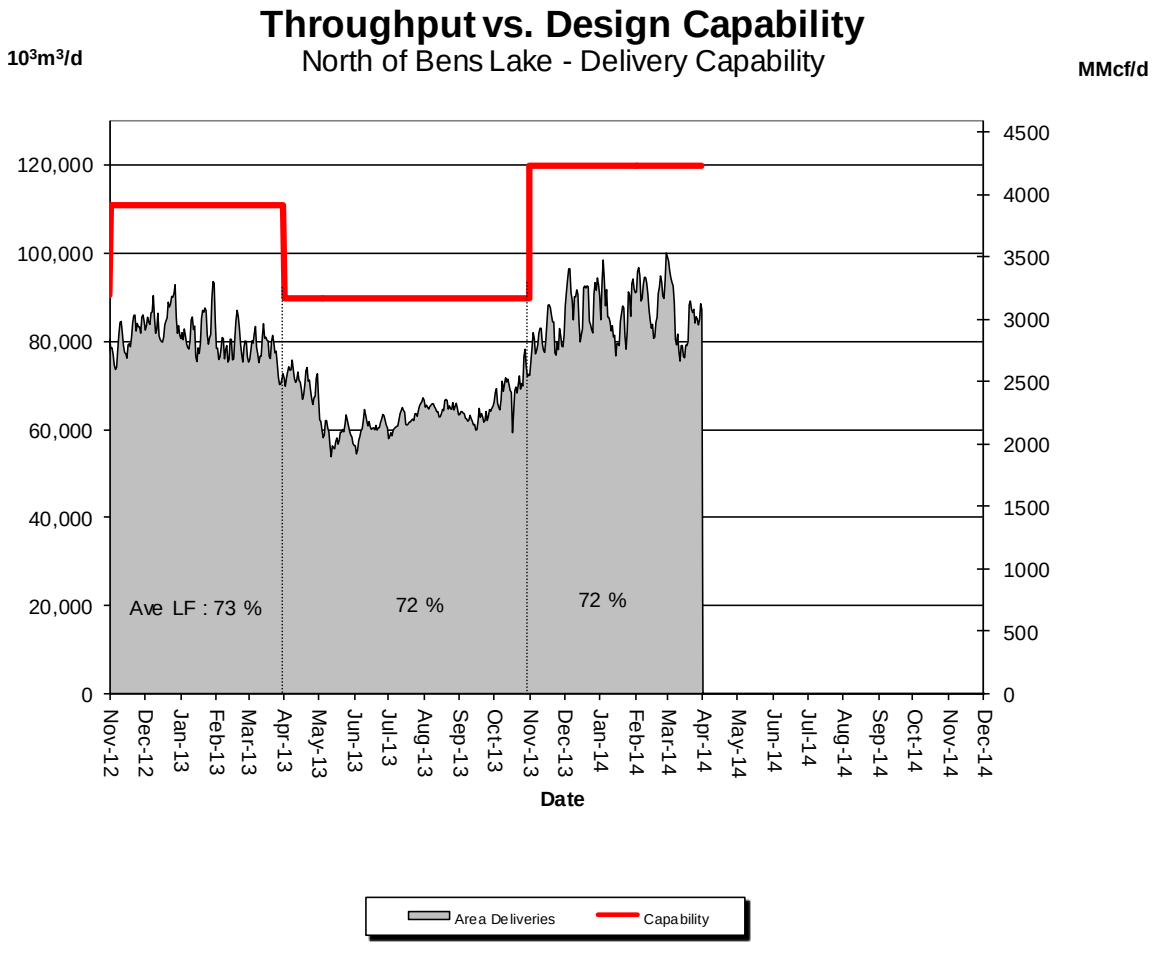




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 80	Nov 69	Dec 73	Jan 75	Feb 72	Mar 72

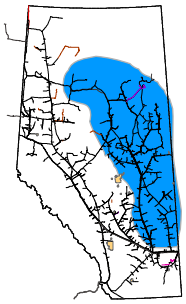
DESIGN CAPABILITY UTILIZATION
NORTH OF BENS LAKE – FLOW WITHIN



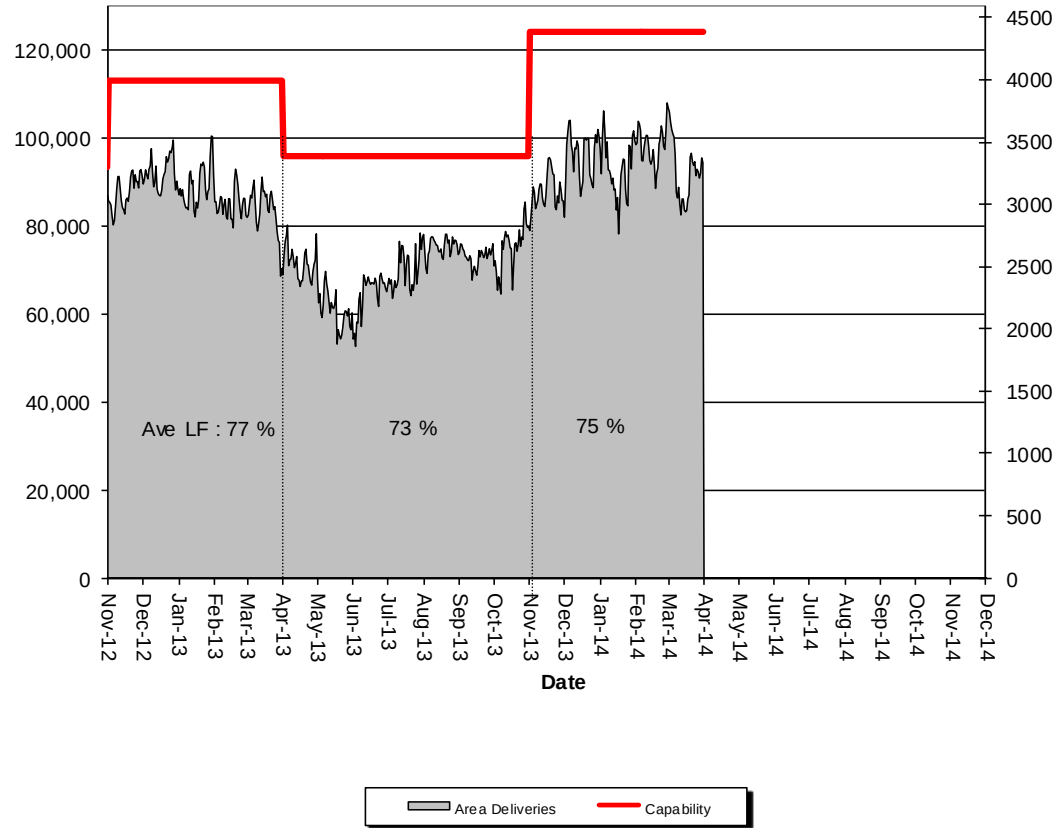


% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 77	Nov 67	Dec 74	Jan 72	Feb 75	Mar 71

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

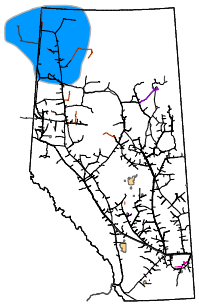


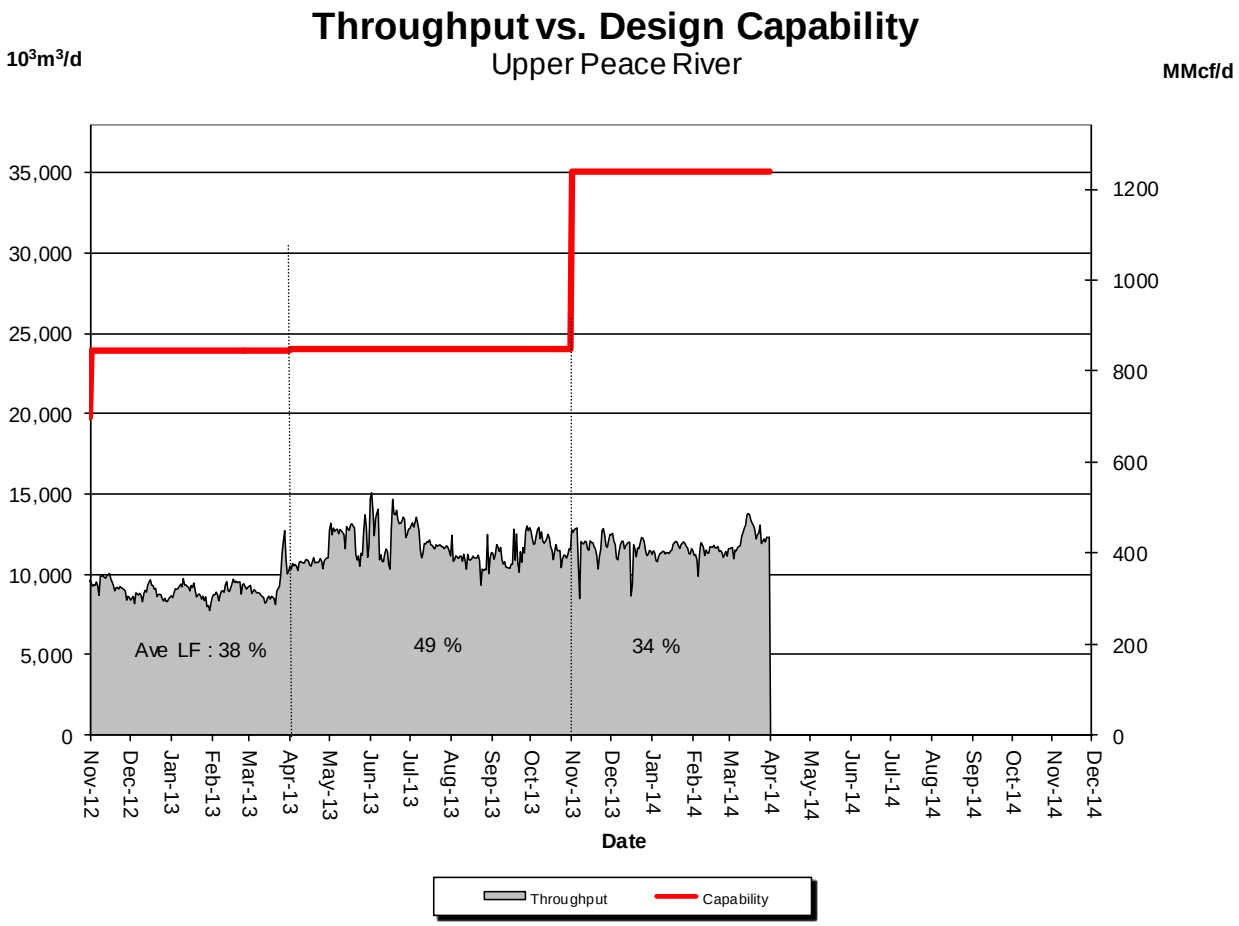
Throughput vs. Design Capability
North and East - Delivery Capability



% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 78	Nov 71	Dec 77	Jan 75	Feb 79	Mar 74

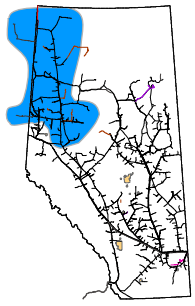
DESIGN CAPABILITY UTILIZATION
UPPER PEACE RIVER





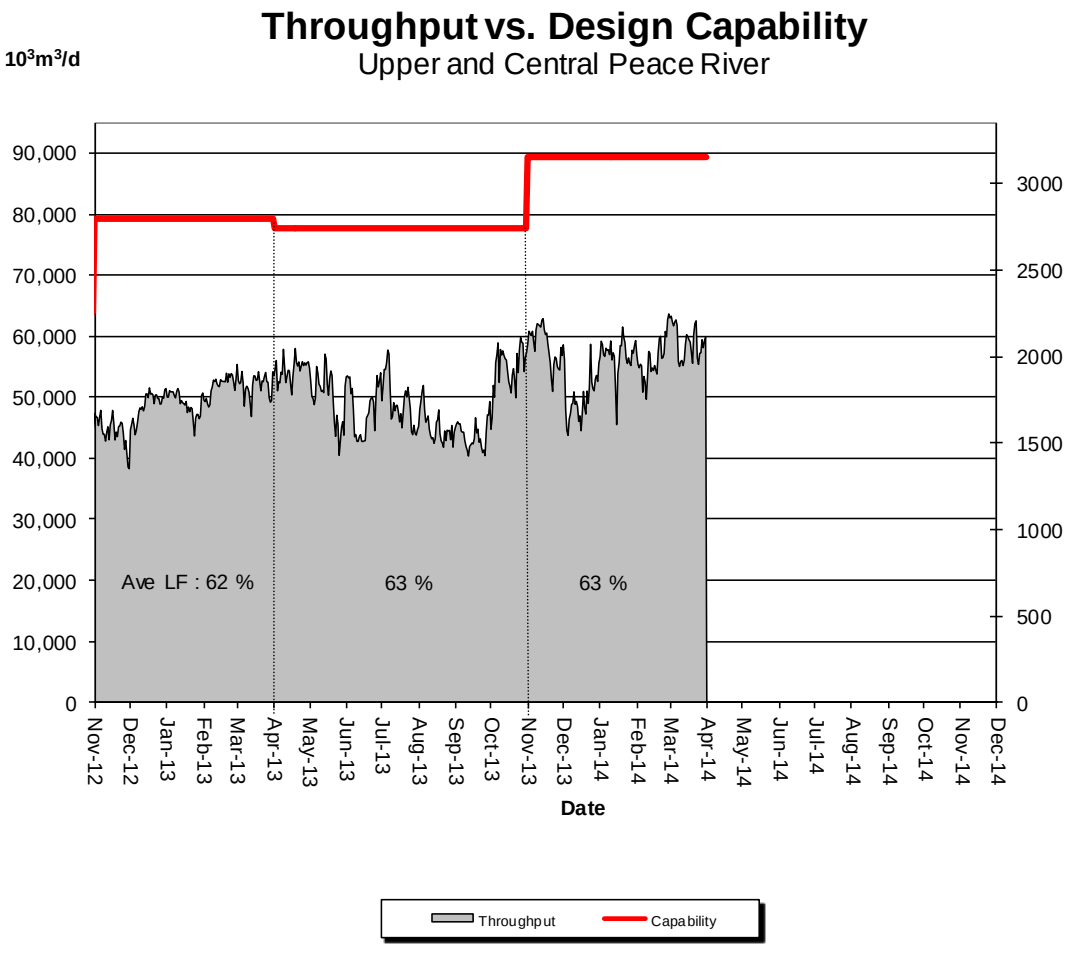
% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 49	Nov 34	Dec 33	Jan 33	Feb 33	Mar 35

DESIGN CAPABILITY UTILIZATION
UPPER and CENTRAL PEACE RIVER



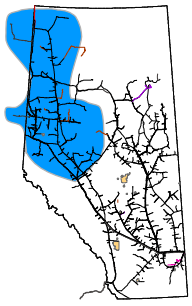
Throughput vs. Design Capability

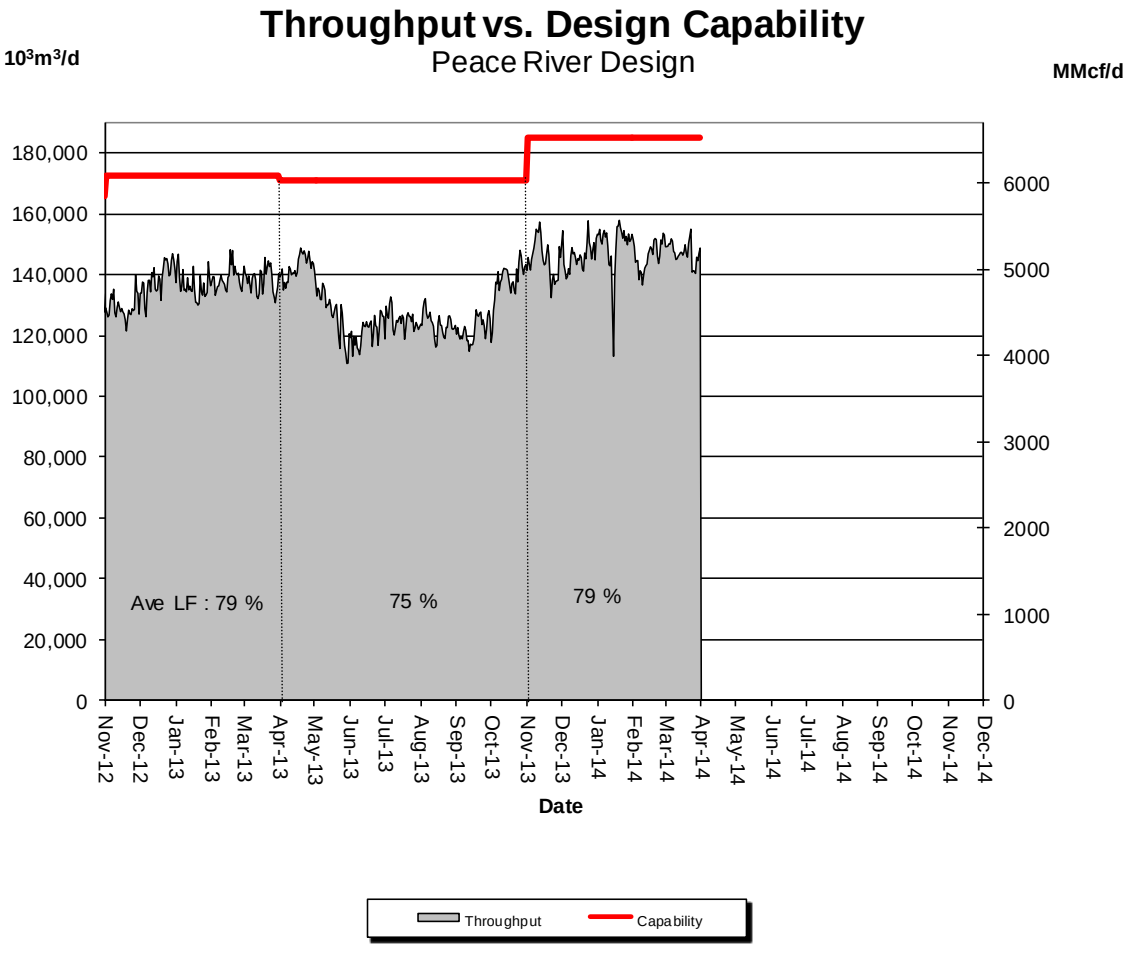
Upper and Central Peace River



% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 70	Nov 66	Dec 56	Jan 64	Feb 63	Mar 66

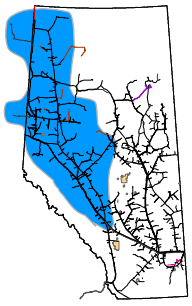
DESIGN CAPABILITY UTILIZATION
PEACE RIVER DESIGN
(Upper, Central and Lower Peace River)

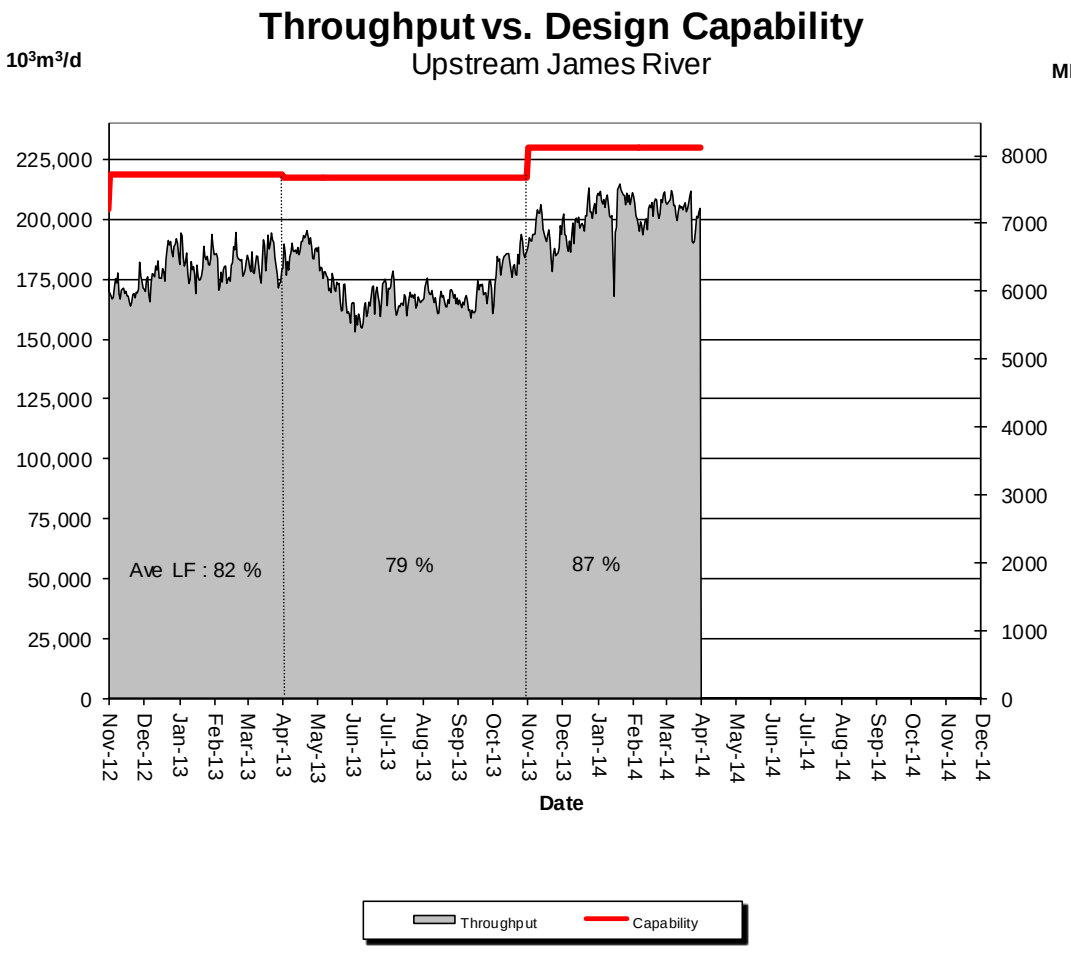




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 81	Nov 78	Dec 79	Jan 81	Feb 79	Mar 80

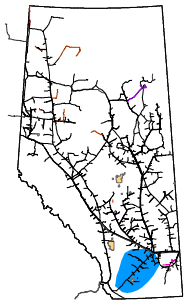
DESIGN CAPABILITY UTILIZATION
UPSTREAM JAMES RIVER
(Edson Mainline, Peace River Design and Marten Hills)

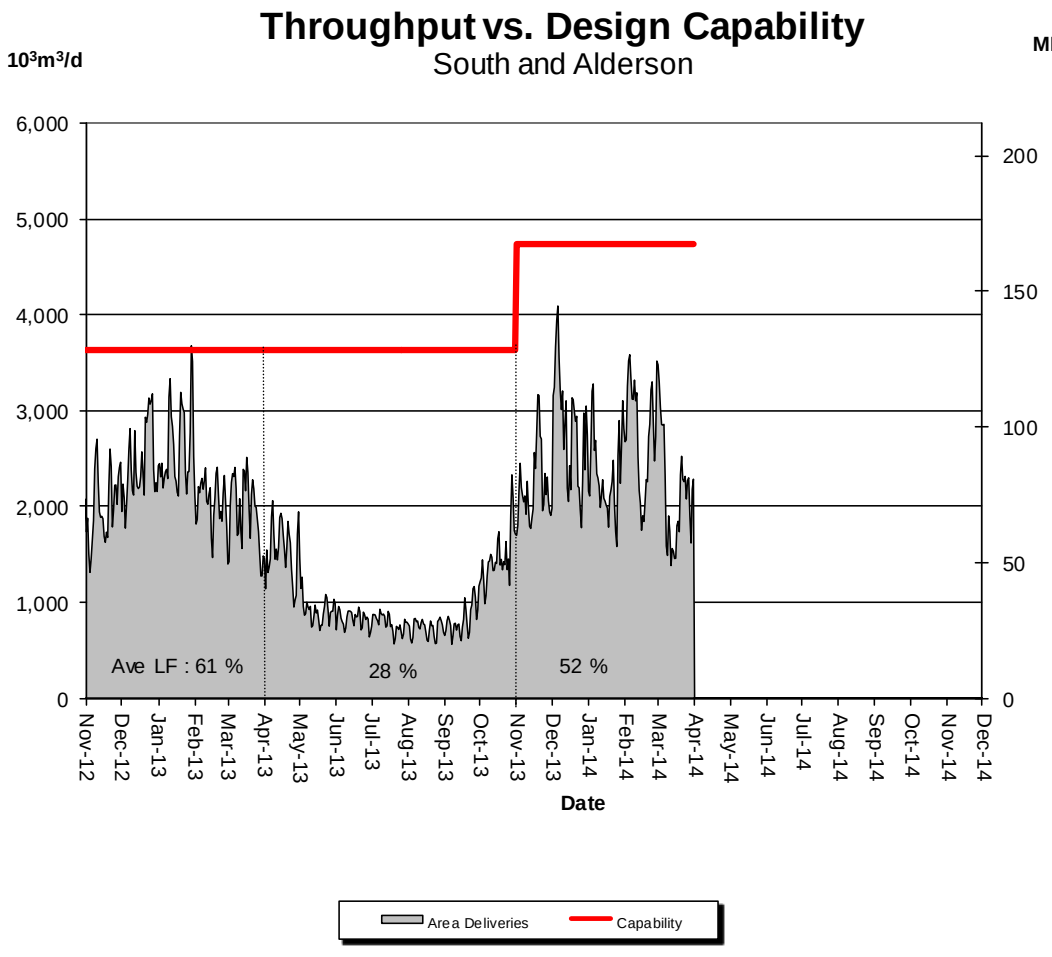




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 84	Nov 84	Dec 86	Jan 90	Feb 88	Mar 89

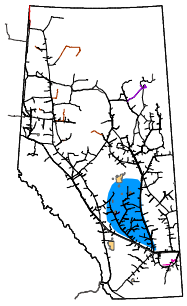
DESIGN CAPABILITY UTILIZATION
SOUTH and ALDERSON – FLOW WITHIN

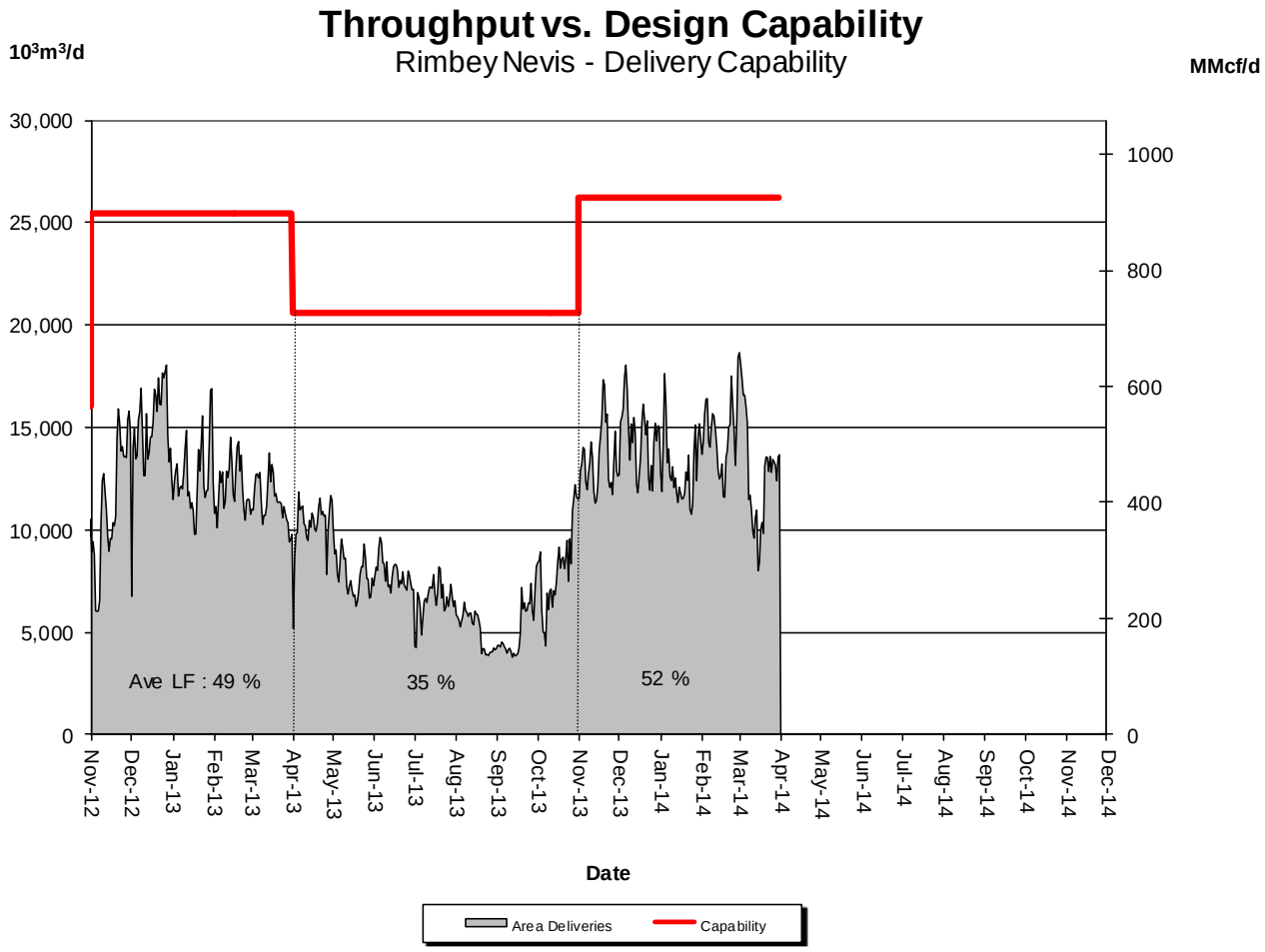




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 40	Nov 47	Dec 59	Jan 49	Feb 58	Mar 45

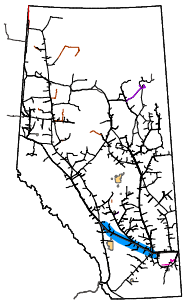
DESIGN CAPABILITY UTILIZATION
RIMBEY-NEVIS – FLOW WITHIN





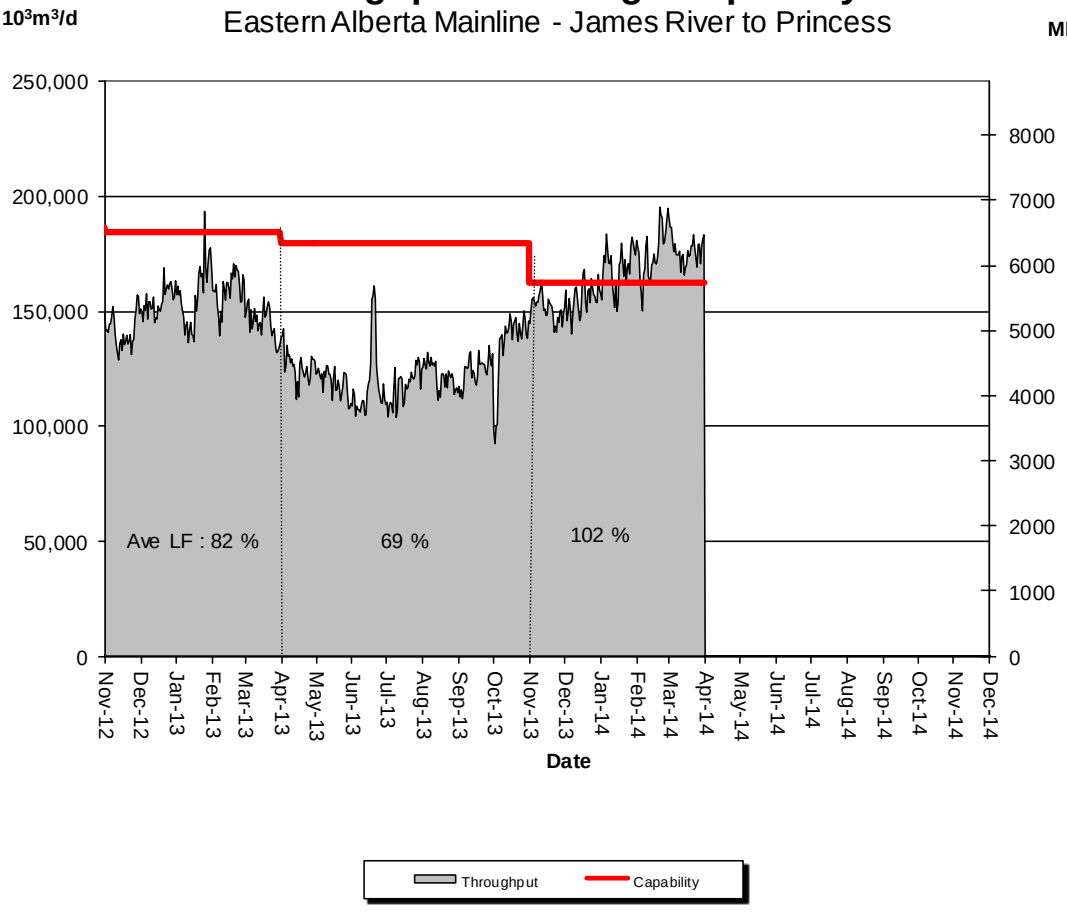
% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 40	Nov 51	Dec 55	Jan 49	Feb 56	Mar 49

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



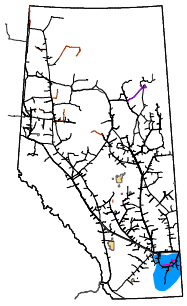
Throughput vs. Design Capability

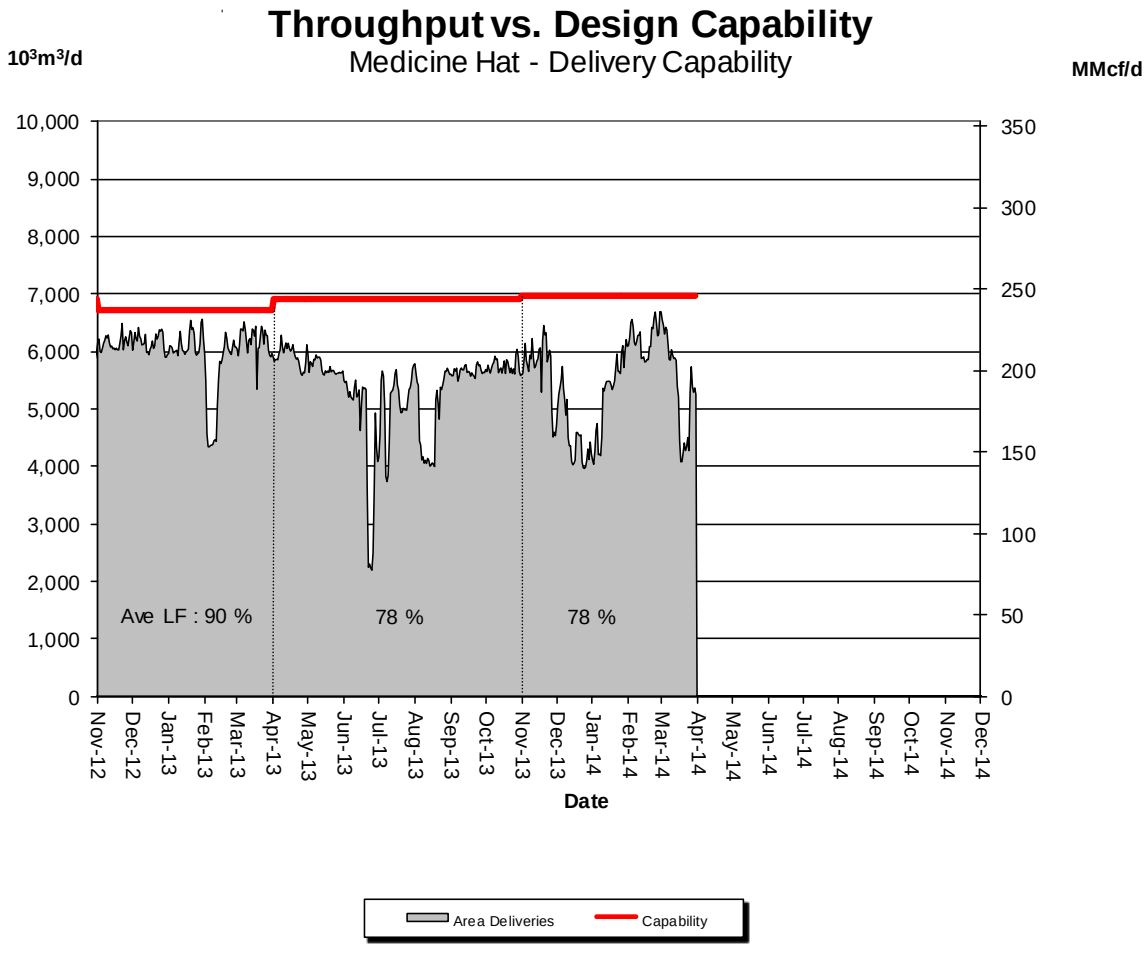
Eastern Alberta Mainline - James River to Princess



% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 75	Nov 93	Dec 96	Jan 104	Feb 108	Mar 109

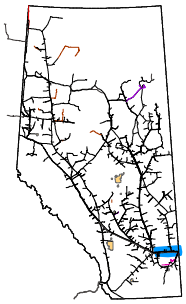
DESIGN CAPABILITY UTILIZATION
MEDICINE HAT – FLOW WITHIN

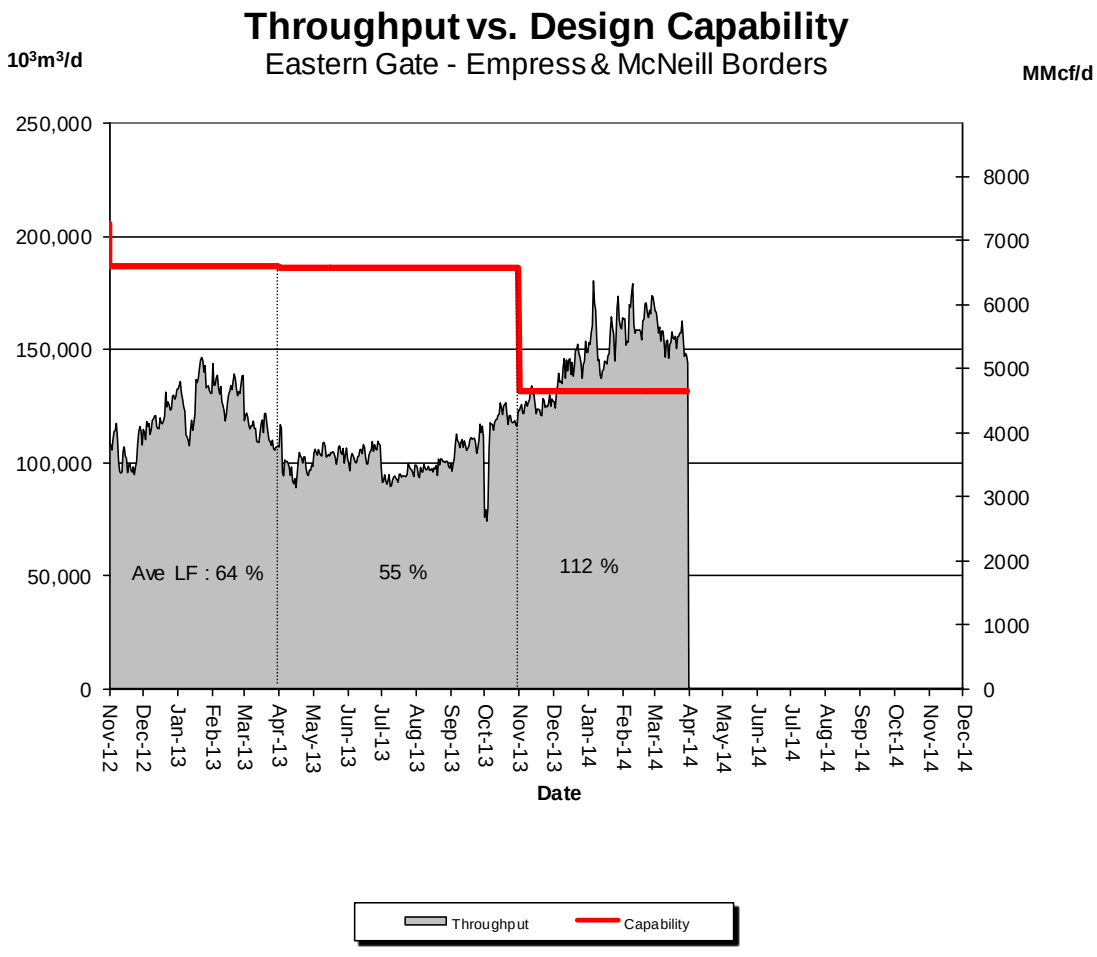




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 83	Nov 83	Dec 66	Jan 76	Feb 89	Mar 78

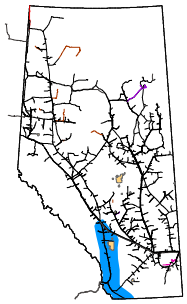
DESIGN CAPABILITY UTILIZATION
EASTERN ALBERTA MAINLINE
(Princess to Empress / McNeill)





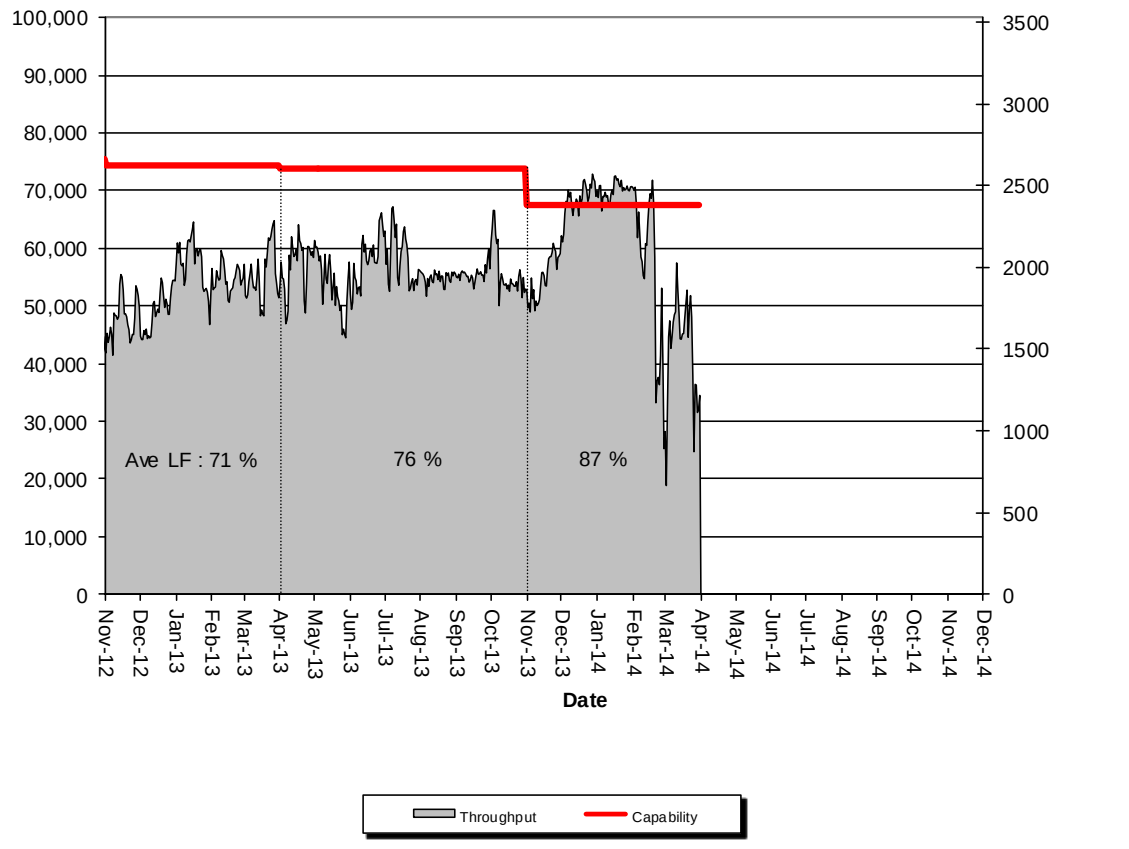
% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct 61	Nov 96	Dec 107	Jan 117	Feb 124	Mar 118

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



Throughput vs. Design Capability

Western Gate - Alberta / BC & Alberta / Montana Borders



% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Oct	Nov	Dec	Jan	Feb	Mar
	76	81	102	104	84	63

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

- 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.

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

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, and the availability of transportation services as an indication of system reliability.

Data is reported either by ***Pipeline Segment*** (26 on the system) or ***Design Area*** (13 on 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 dominant 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.

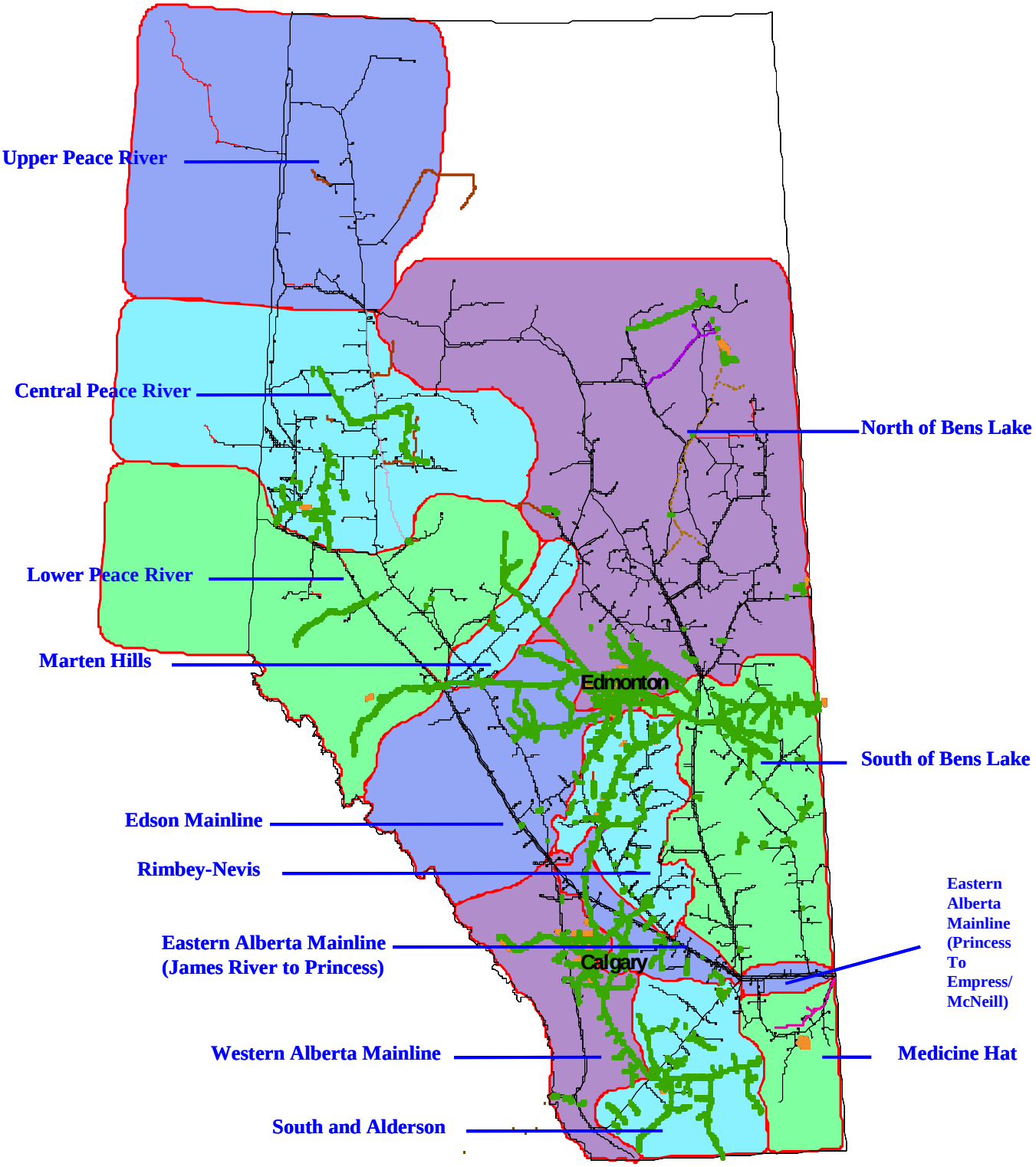
Design Flow Capability utilization is a function of several factors that include:

- 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.
- Effect of scheduled maintenance on 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.

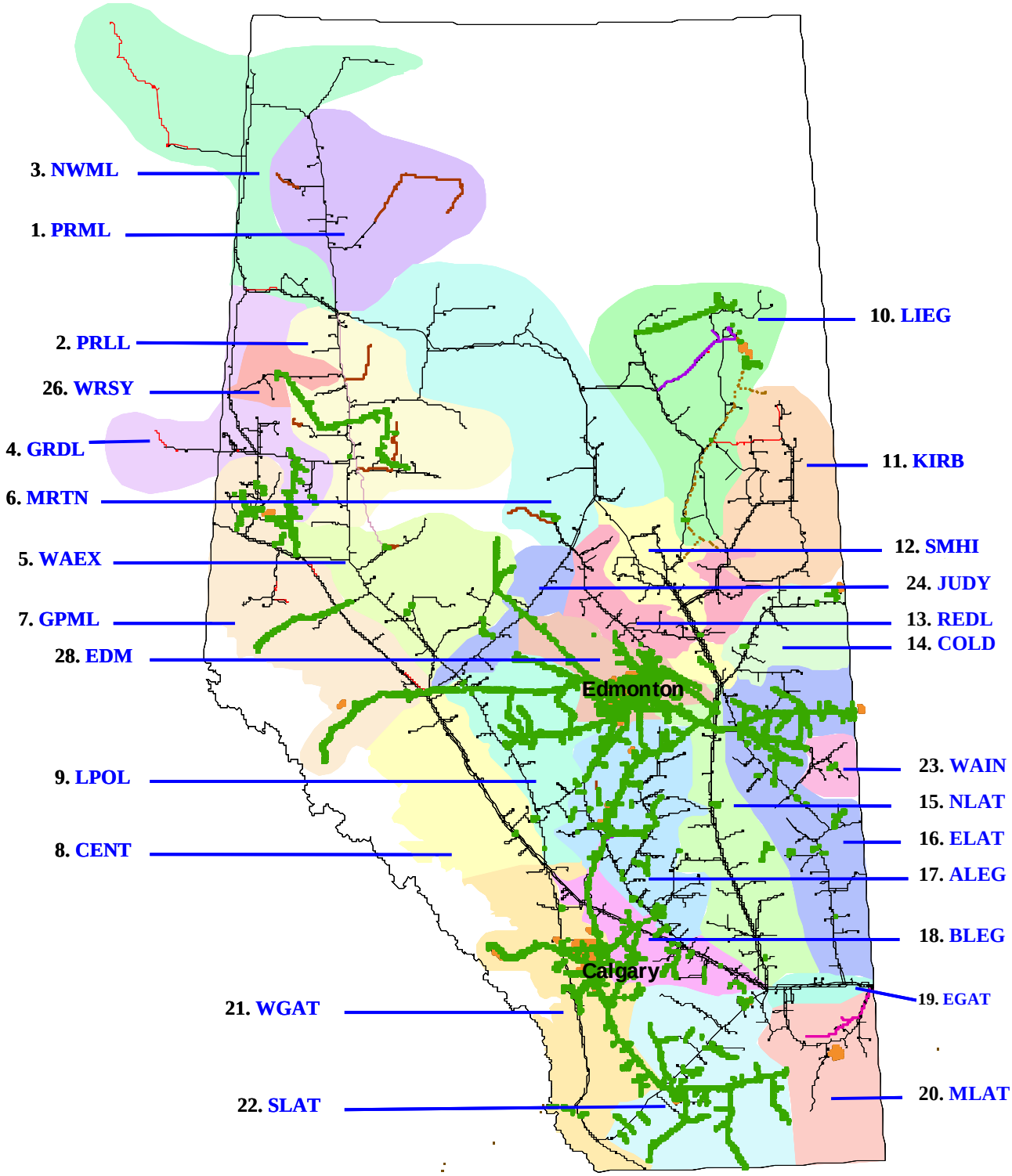
NGTL Design Areas



(Last updated Nov 2011)

TransCanada
In business to deliver

NGTL Pipeline Segments



(Last updated Nov 2011)

TransCanada
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DEFINITION OF TERMS

Design Capability Utilization

Actual Flow
The amount of gas flowing within or out of our design area.

Design Capability
The volume of gas that can be transported at various points on the pipeline system considering 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.

Historical Transportation Service Availability

Average % CD Restricted
The average percentage of the entire segment receipt contract demand restricted during periods of restriction.

Firm Service Available
The percentage of time that all requested firm transportation service requests were transported within a segment.

Firm Service Restriction
Percentage of time firm service is restricted.

Interruptible Service Available
The percentage of time that interruptible service requests were transported.

Max % CD Restricted
The maximum percentage to which the entire segment contract demand was restricted.

Other

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