SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending
September 2013
http://www.transcanada.com/customerexpress/2885.html

Published date:
December 03, 2013

Highlights This Month:

- The average actual flow for the dominant flow condition in each of the Alberta design areas is compared against the corresponding design capability to obtain a measure of pipeline utilization. Consequently, design capability utilization is measured as Average Actual Flow / Seasonal Design Capability.

- The Firm Transportation service contract utilization table (page 3 of this report) illustrates the FT and FT + IT utilization for receipts and deliveries.

- The Historical Transportation Service Availability Report has been removed. FT Receipt and Border Availability information is available from the NrG website: http://www.nrgexpressway.com/servlet/nrginfo.ew.EWLauncher?RUN=nrginfo.ew.notices.SearchNotices&tsp=NGTL&critical=A

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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.

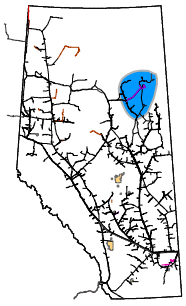
FIRM TRANSPORTATION SERVICE[1] CONTRACT UTILIZATION[3]

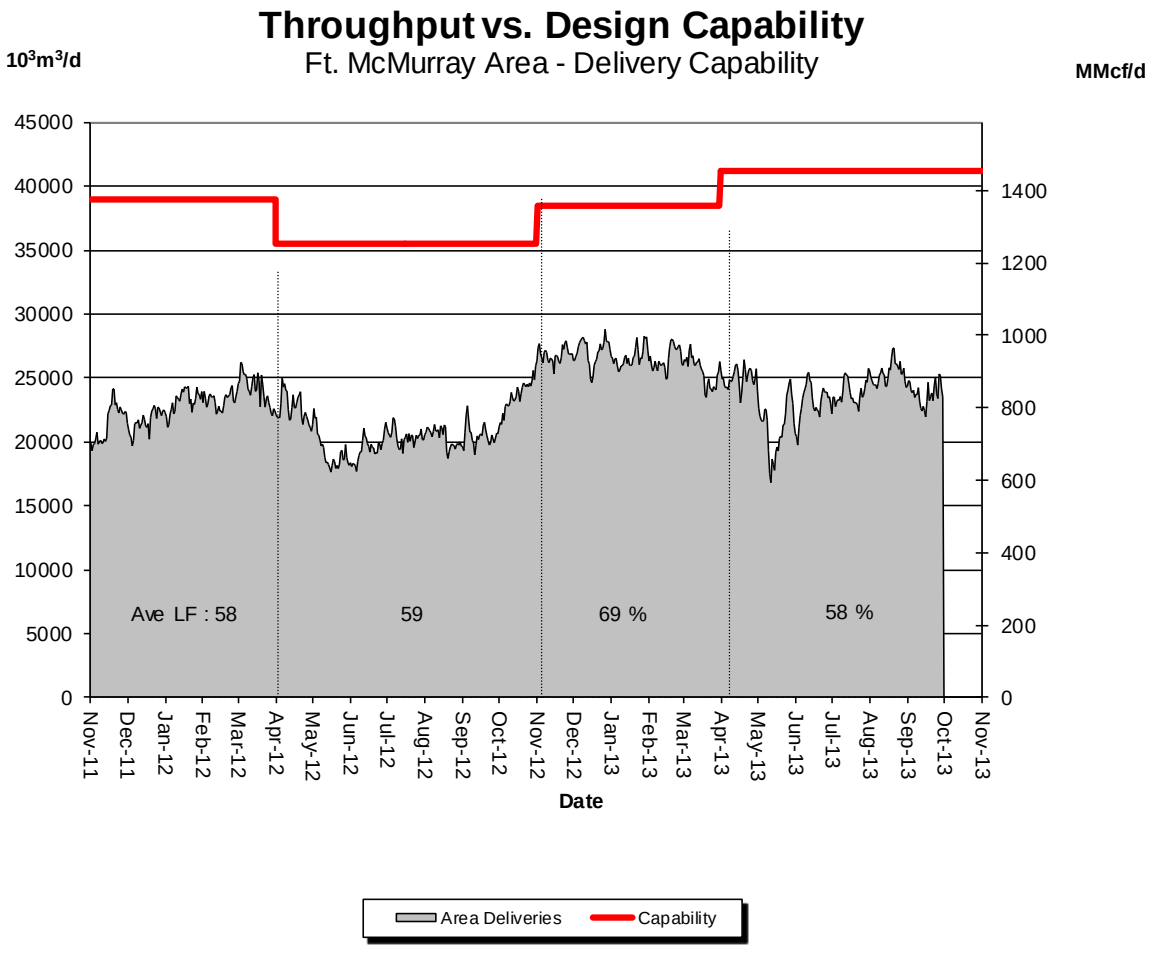
By NGTL Pipeline Segments
September 2013

		Delivery		Receipt	
Segment	Contract	Utilization	Sep CD (TJ/d)	Utilization	Sep CD (MMcf/d)
UPRM	FT	5%	25.4	97%	69
	FT + IT[2]	11%		122%	
PRLL	FT	35%	42.2	92%	109
	FT + IT	35%		112%	
NWML	FT	0%	0.0	51%	599
	FT + IT	0%		56%	
GRDL	FT	9%	8.9	60%	1,738
	FT + IT	1097%		63%	
WRSY	FT	0%	0.0	83%	21
	FT + IT	0%		101%	
WAEX	FT	15%	15.4	62%	337
	FT + IT	35%		71%	
JUDY	FT	18%	52.6	94%	89
	FT + IT	21%		130%	
GPML	FT	27%	164.5	85%	3,025
	FT + IT	39%		91%	
CENT	FT	6%	10.4	94%	829
	FT + IT	10%		117%	
LPOL	FT	32%	81.8	95%	564
	FT + IT	42%		122%	
WGAT	FT	69%	3,334.8	78%	363
	FT + IT	70%		92%	
ALEG	FT	33%	320.9	97%	857
	FT + IT	48%		120%	
SLAT	FT	16%	169.2	94%	228
	FT + IT	16%		111%	
MLAT	FT	62%	262.1	92%	220
	FT + IT	79%		106%	
BLEG	FT	14%	145.3	97%	577
	FT + IT	15%		108%	
EGAT	FT	96%	3,358.5	97%	39
	FT + IT	122%		116%	
MRTN	FT	11%	38.8	84%	79
	FT + IT	16%		100%	
LIEG	FT	72%	1,180.2	58%	29
	FT + IT	82%		176%	
KIRB	FT	65%	1,111.6	77%	38
	FT + IT	66%		147%	
SMHI	FT	45%	12.0	79%	37
	FT + IT	45%		136%	
REDL	FT	16%	13.1	66%	44
	FT + IT	20%		116%	
COLD	FT	42%	85.7	70%	38
	FT + IT	89%		82%	
EDM	FT	34%	1,692.6	92%	61
	FT + IT	34%		124%	
NLAT	FT	30%	15.4	98%	136
	FT + IT	37%		136%	
WAIN	FT	5%	0.4	81%	8
	FT + IT	5%		159%	
ELAT	FT	62%	258.4	92%	132
	FT + IT	65%		129%	
TOTAL SYSTEM	FT	67%	12,400.6	81%	10,265
	FT + IT	77%		95%	

*NOTE:
1. FT includes all receipt and delivery Firm Transportation Services: FTR, FTRN, LRS, FTD1, FTD2,
2. IT includes all receipt and delivery Interruptible Services: ITR, FRO, ITD1, ITD2, and FDO.
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.

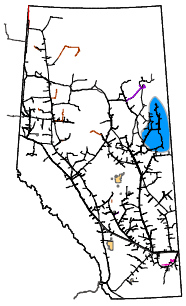
DESIGN CAPABILITY UTILIZATION
FT. McMURRAY AREA – FLOW WITHIN

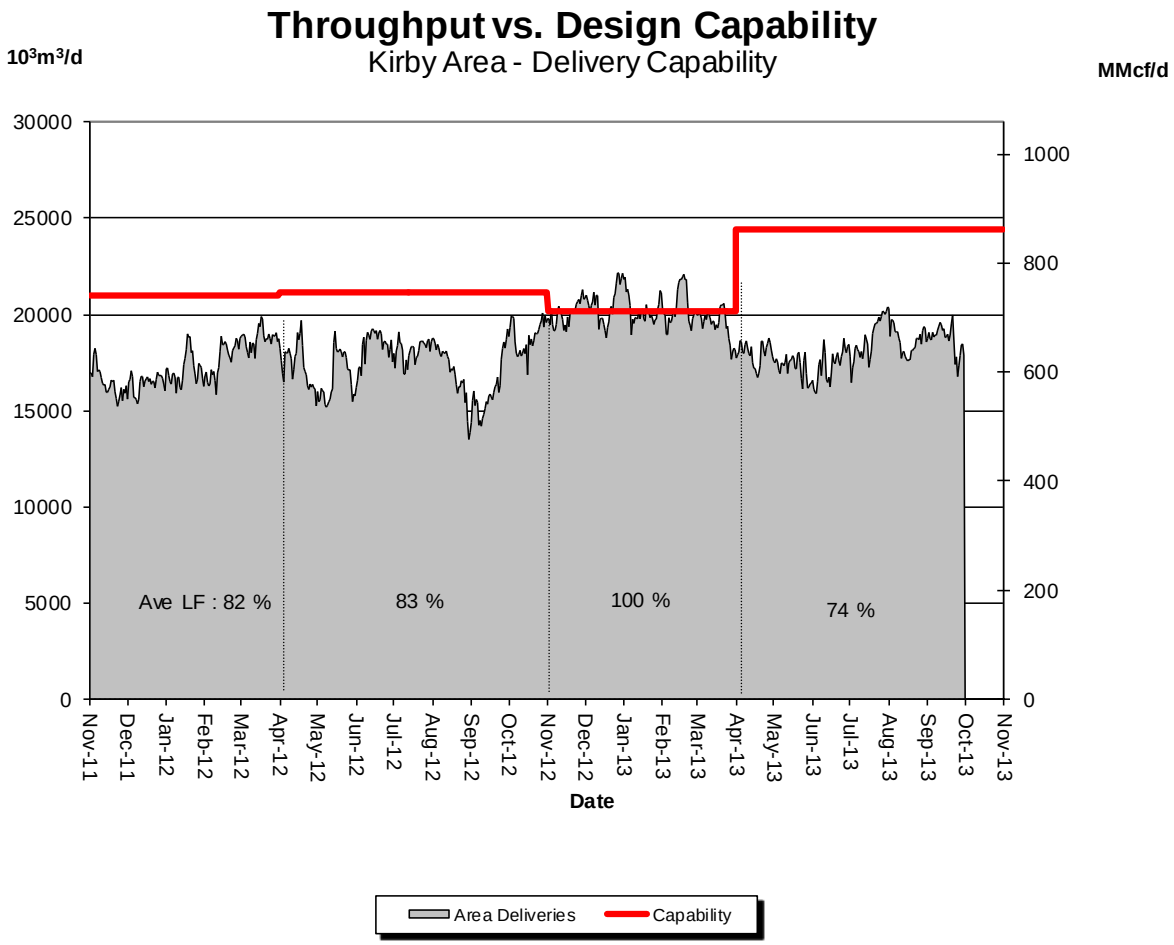




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr 61	May 52	Jun 56	Jul 58	Aug 62	Sept 58

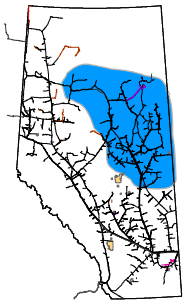
DESIGN CAPABILITY UTILIZATION
KIRBY AREA – FLOW WITHIN

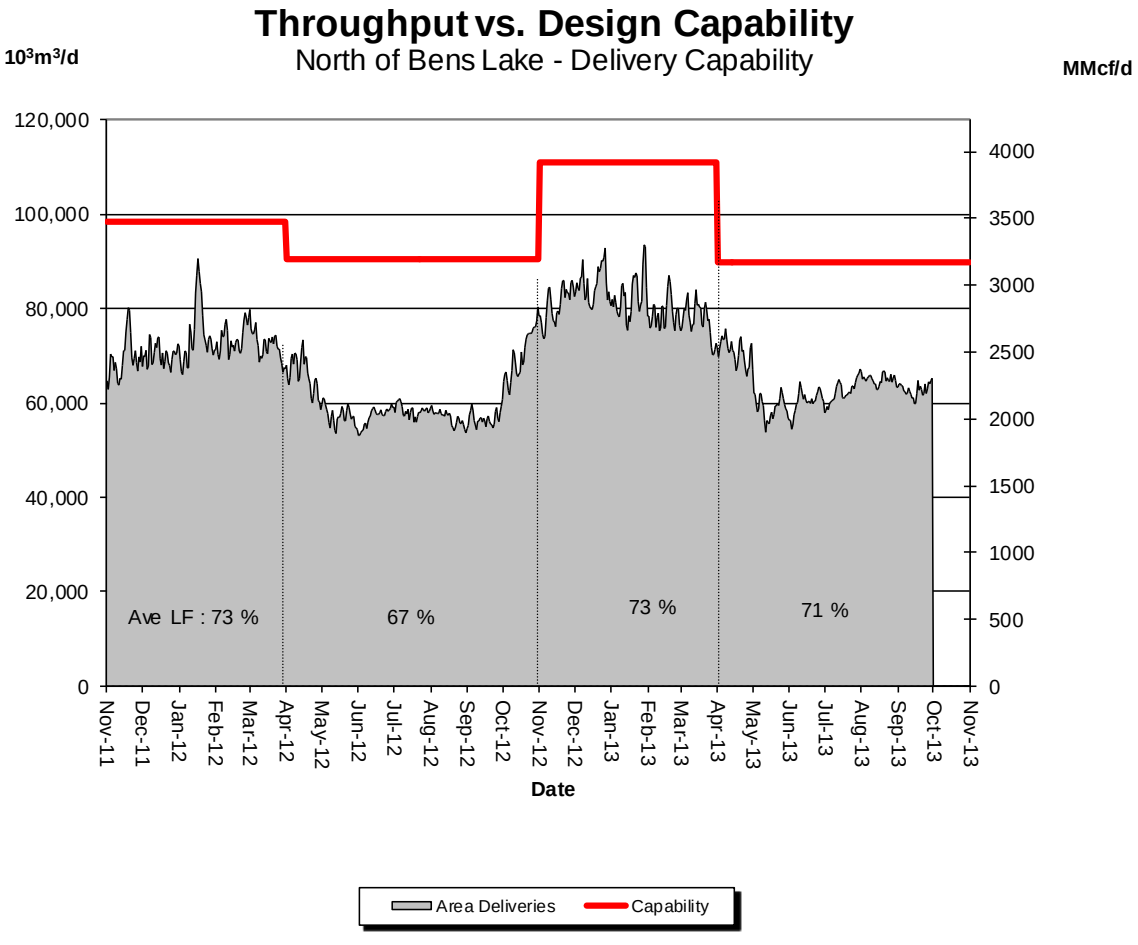




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr 73	May 71	Jun 71	Jul 76	Aug 76	Sept 76

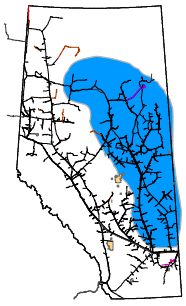
DESIGN CAPABILITY UTILIZATION
NORTH OF BENS LAKE – FLOW WITHIN

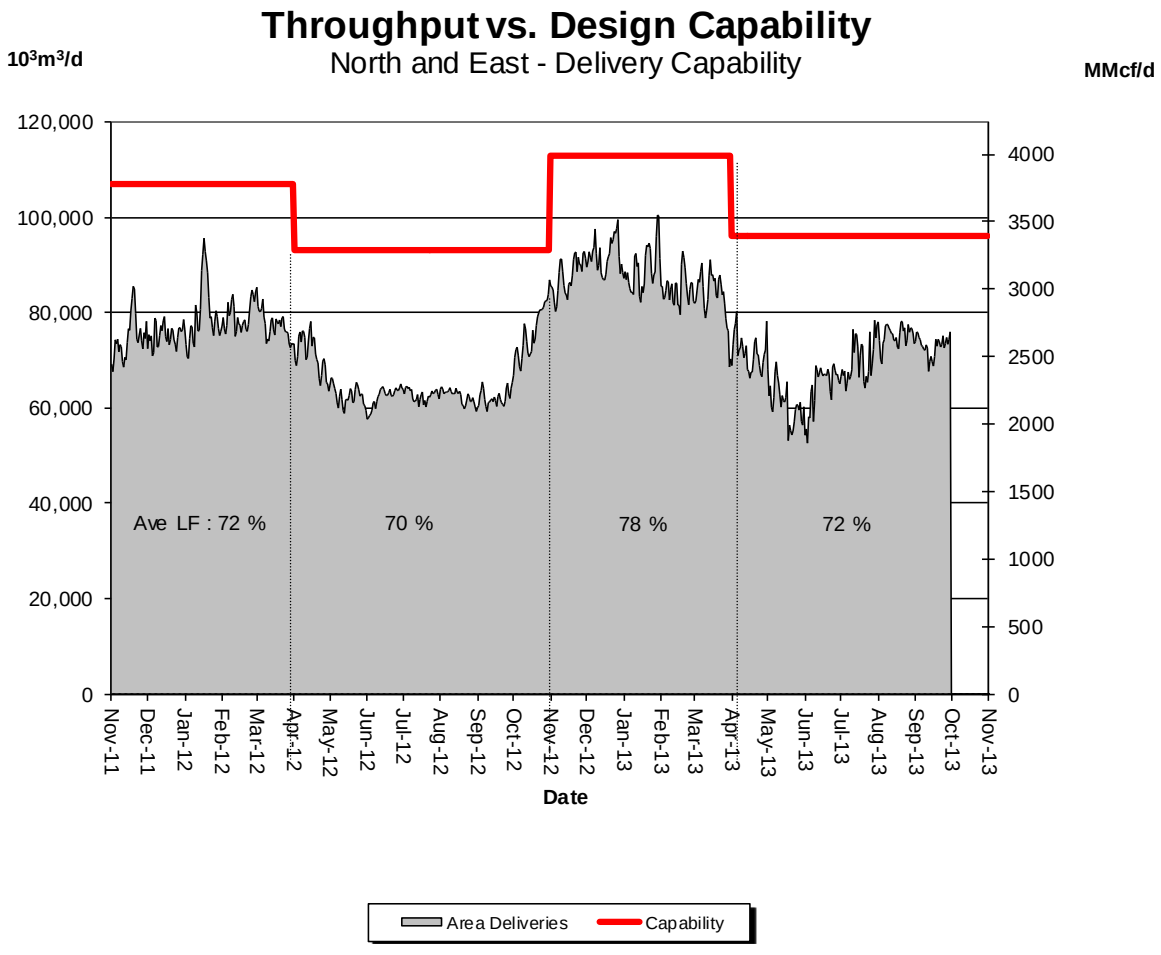




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr 79	May 67	Jun 67	Jul 71	Aug 72	Sept 70

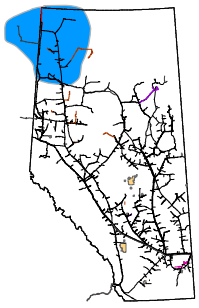
DESIGN CAPABILITY UTILIZATION
NORTH & SOUTH OF BENS LAKE – FLOW WITHIN

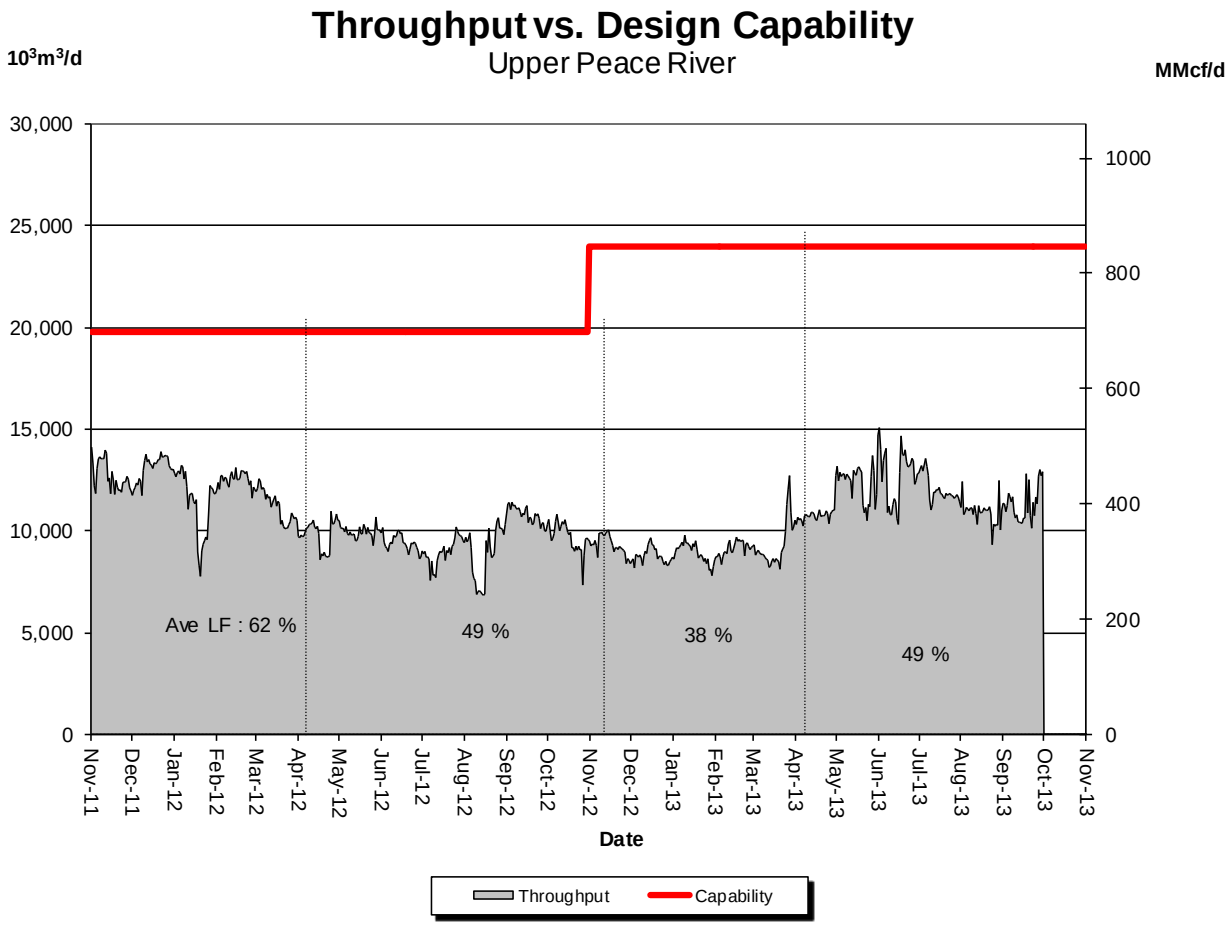




% Design Capability Utilization Monthly Average Actual Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr	May	Jun	Jul	Aug	Sept
	75	64	67	74	78	76

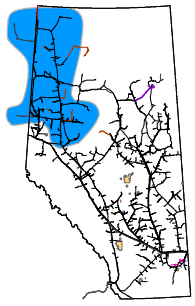
DESIGN CAPABILITY UTILIZATION
UPPER PEACE RIVER

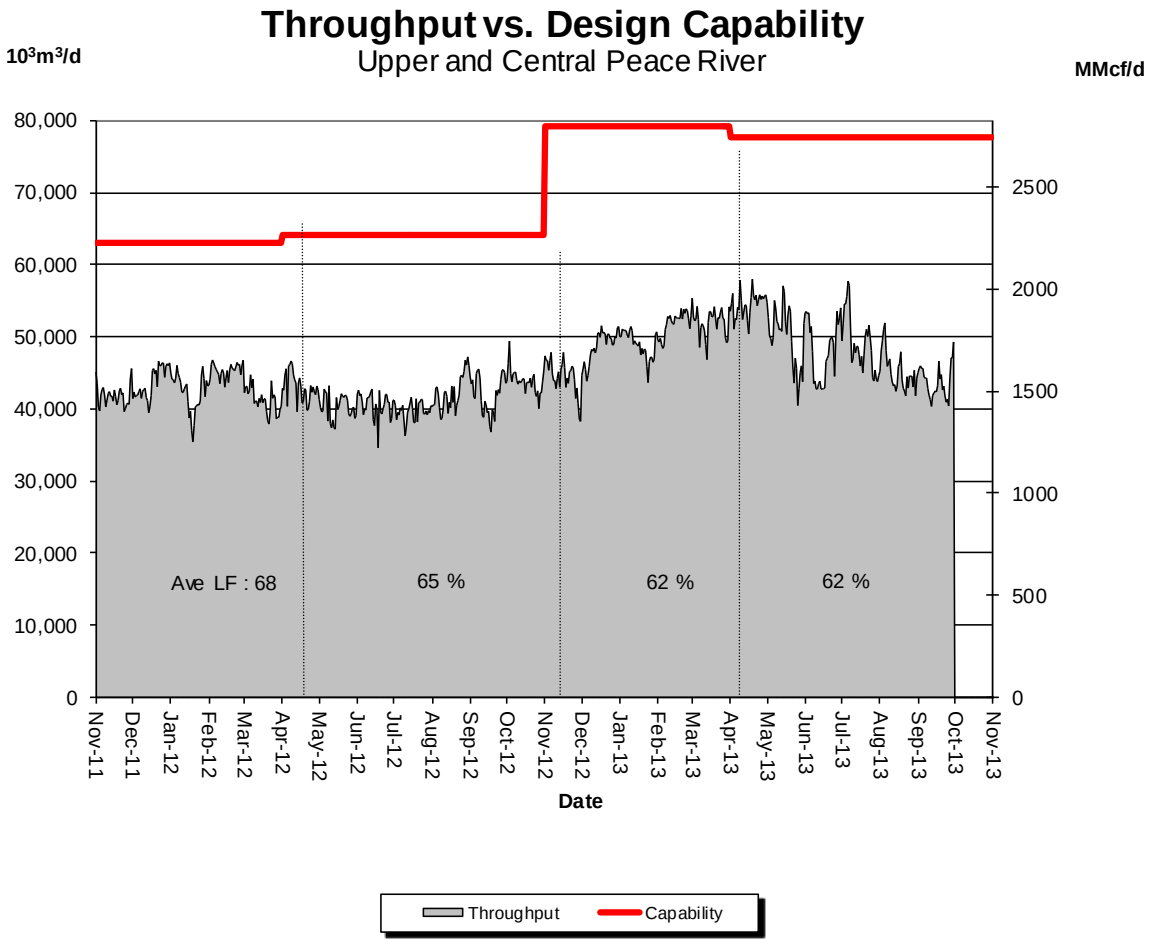




% Design Capability Utilization **Monthly Average Actual Flow as a Percentage of Design Capability**						
Average Flow/ Design Capability	Apr	May	Jun	Jul	Aug	Sept
	45	51	53	50	45	47

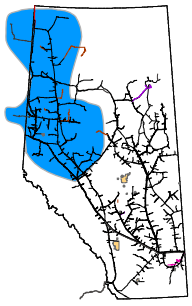
DESIGN CAPABILITY UTILIZATION
UPPER and CENTRAL PEACE RIVER



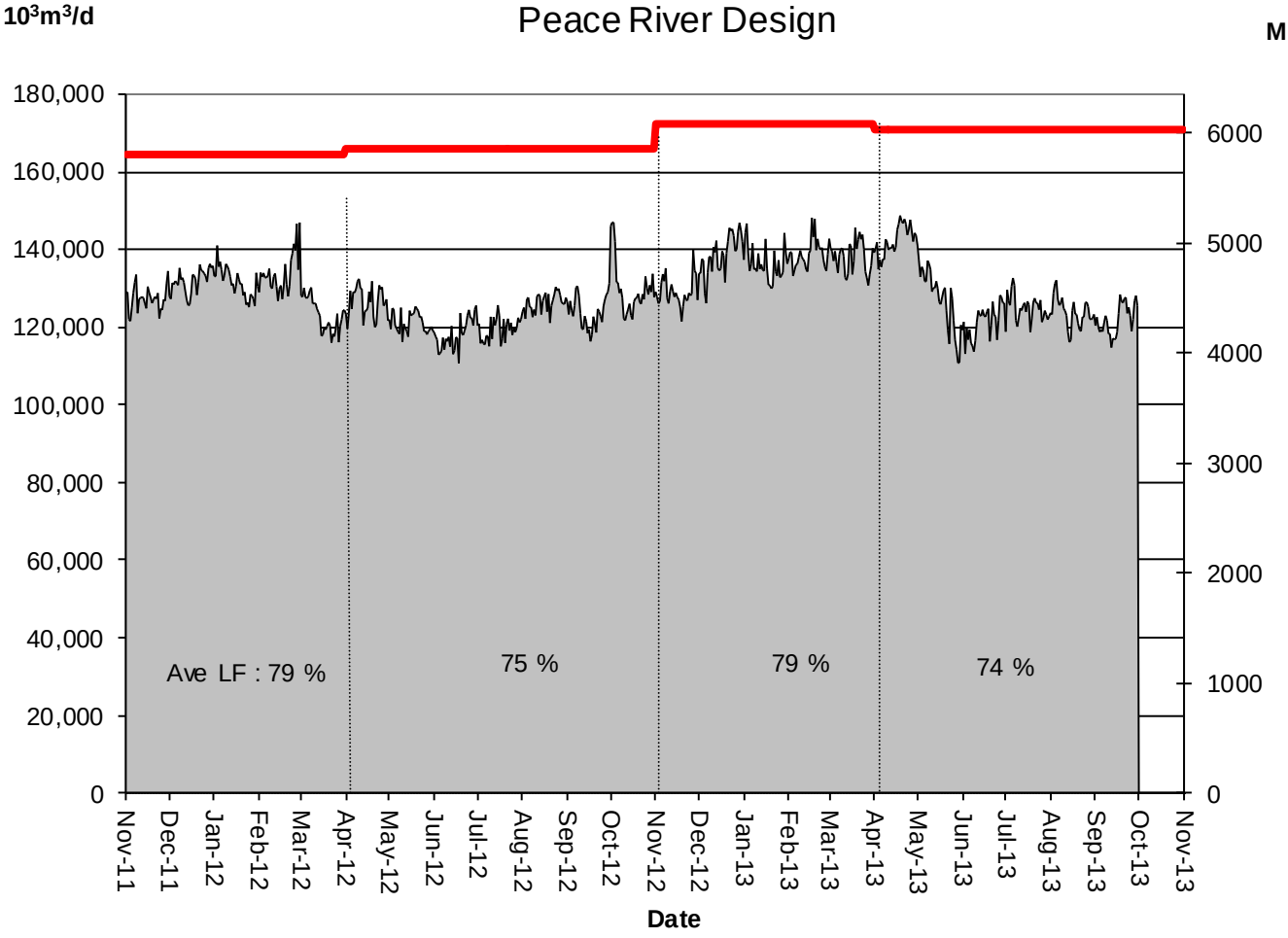


% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Capability						
Average Flow/ Design Capability	Apr	May	Jun	Jul	Aug	Sept
	70	64	62	63	58	56

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



Throughput vs. Design Capability
Peace River Design



% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr 83	May 75	Jun 71	Jul 73	Aug 72	Sept 71

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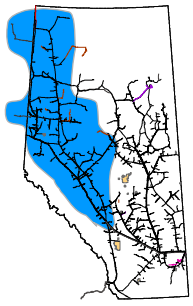
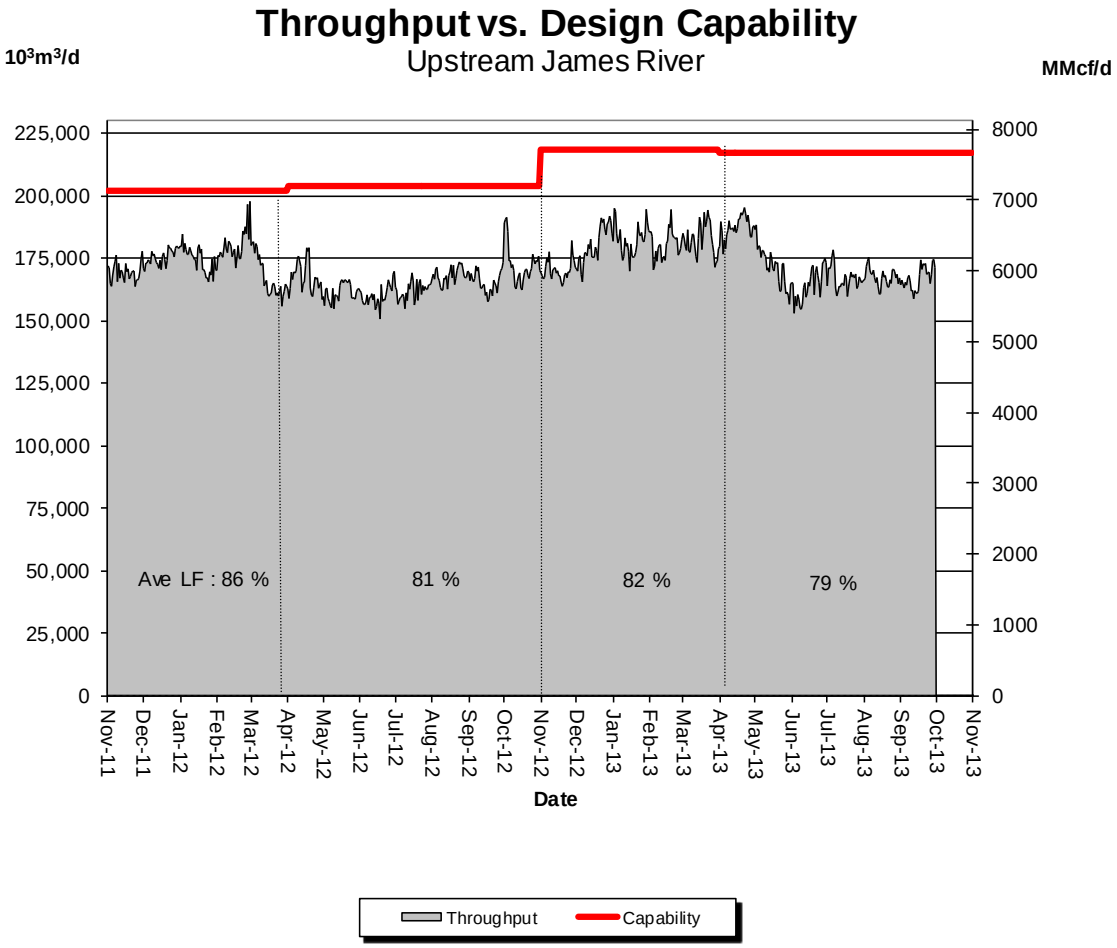
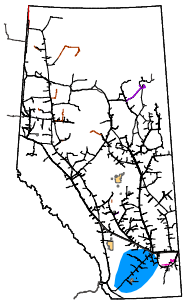
DESIGN CAPABILITY UTILIZATION
UPSTREAM JAMES RIVER
(Edson Mainline, Peace River Design and Marten Hills)

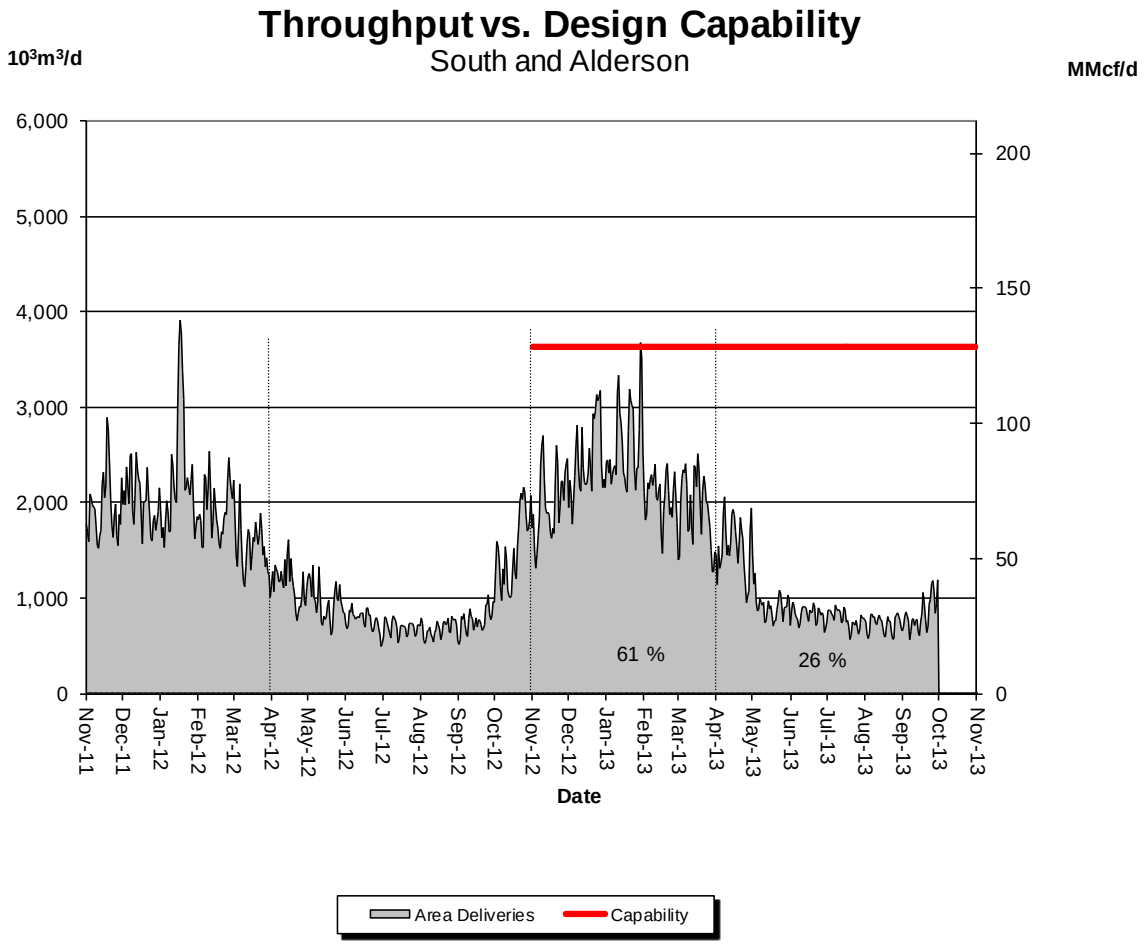




% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr 87	May 79	Jun 76	Jul 77	Aug 77	Sept 77

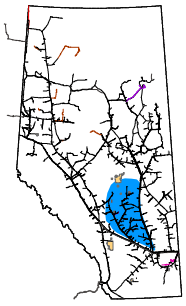
DESIGN CAPABILITY UTILIZATION
SOUTH and ALDERSON – FLOW WITHIN

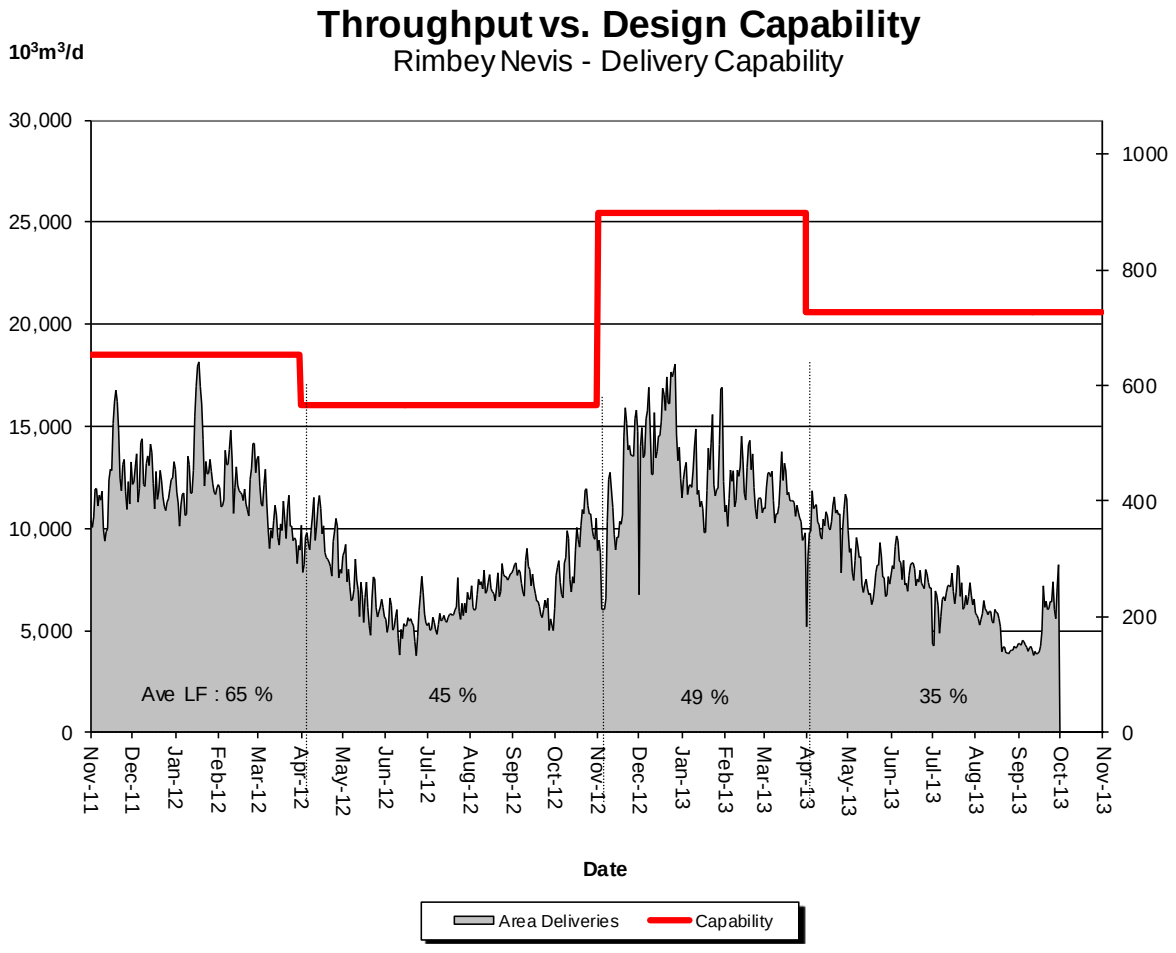




% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr	May	Jun	Jul	Aug	Sept
	42	28	23	22	20	23

DESIGN CAPABILITY UTILIZATION
RIMBEY-NEVIS – FLOW WITHIN



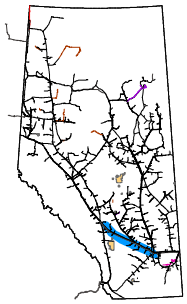


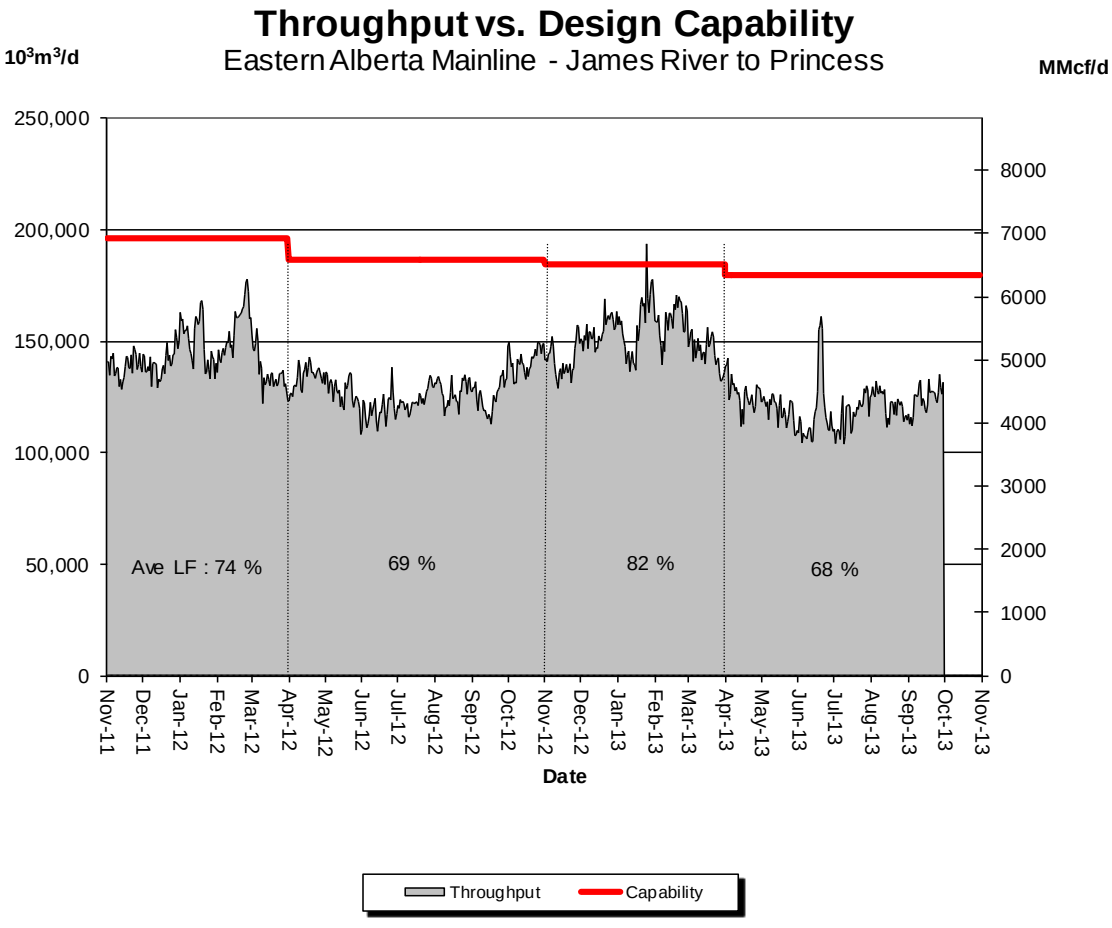
% Design Capability Utilization

Monthly Average Area Deliveries as a Percentage of Design Capability

Average Flow/ Design Capability	Apr	May	Jun	Jul	Aug	Sept
	51	39	38	33	25	25

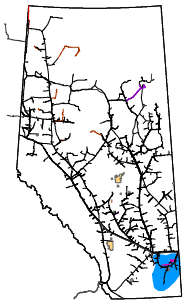
DESIGN CAPABILITY UTILIZATION
EASTERN ALBERTA MAINLINE
(James River to Princess)

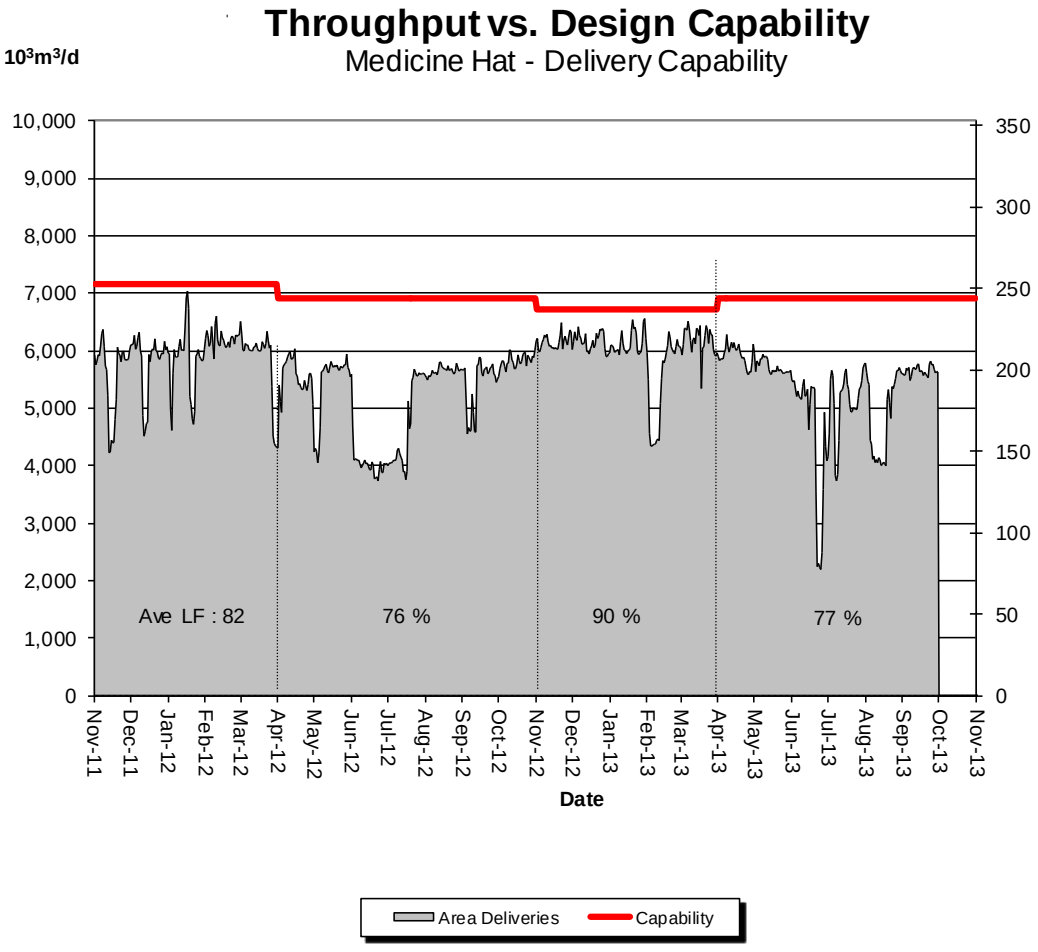




% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr	May	Jun	Jul	Aug	Sept
	70	67	66	66	68	69

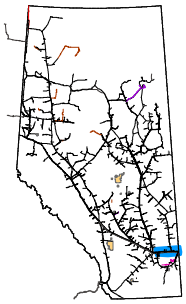
DESIGN CAPABILITY UTILIZATION
MEDICINE HAT – FLOW WITHIN

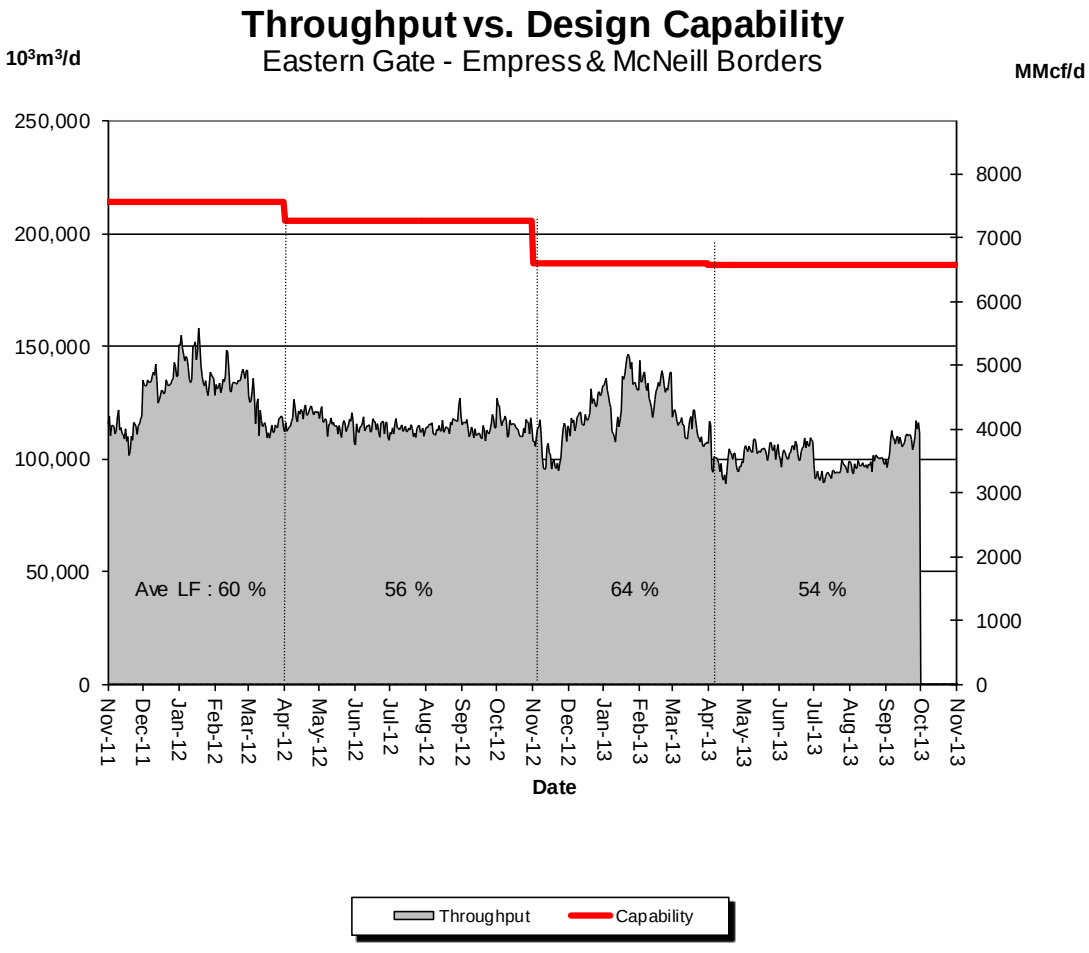




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/ Design Capability	Apr 86	May 83	Jun 66	Jul 74	Aug 70	Sept 82

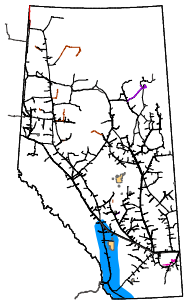
DESIGN CAPABILITY UTILIZATION
EASTERN ALBERTA MAINLINE
(Princess to Empress / McNeill)





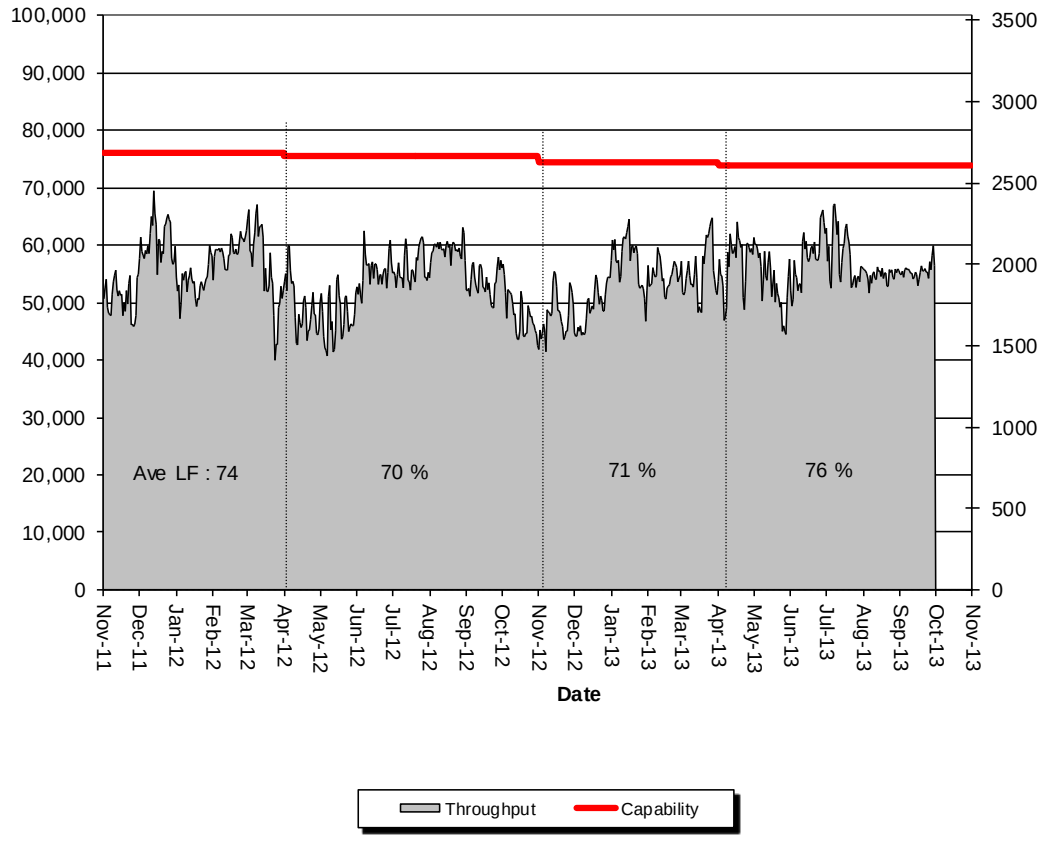
% Design Capability Utilization Average Actual Flow as a Percentage of Design Capability						
Average Flow / Design Capability	Apr 53	May 56	Jun 56	Jul 51	Aug 53	Sept 58

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 Average Actual Flow as a Percentage of Design Capability						
Average Flow / Design Capability	Apr	May	Jun	Jul	Aug	Sept
	77	73	78	79	74	75

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 2013	November 2015
Winter construction (generally north of Edmonton)	November 2013	April 2016

- 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 for each season. Data used in these reports lags the current date by one month.

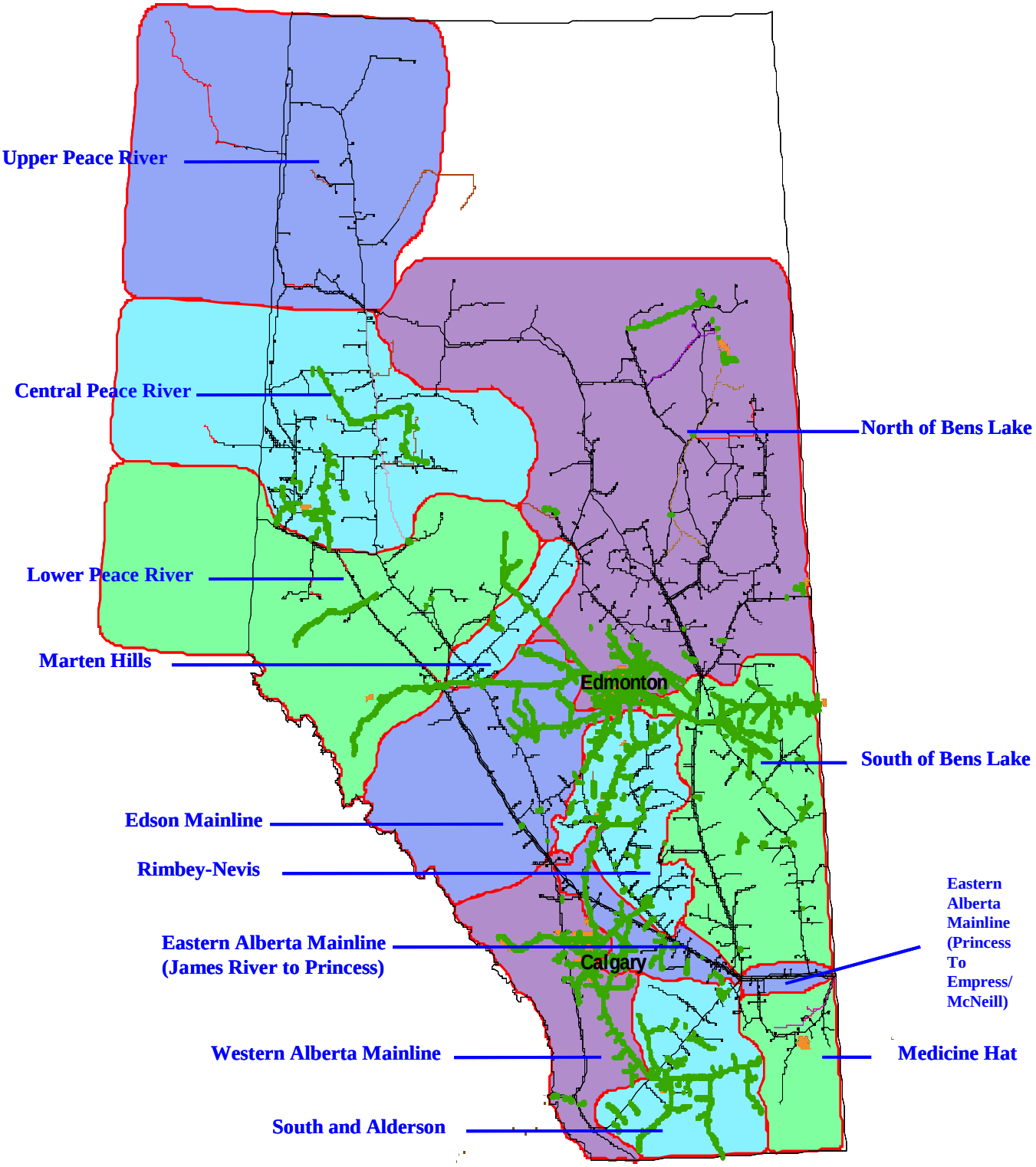
Design Flow Capability utilization is a function of several factors that include:

- 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

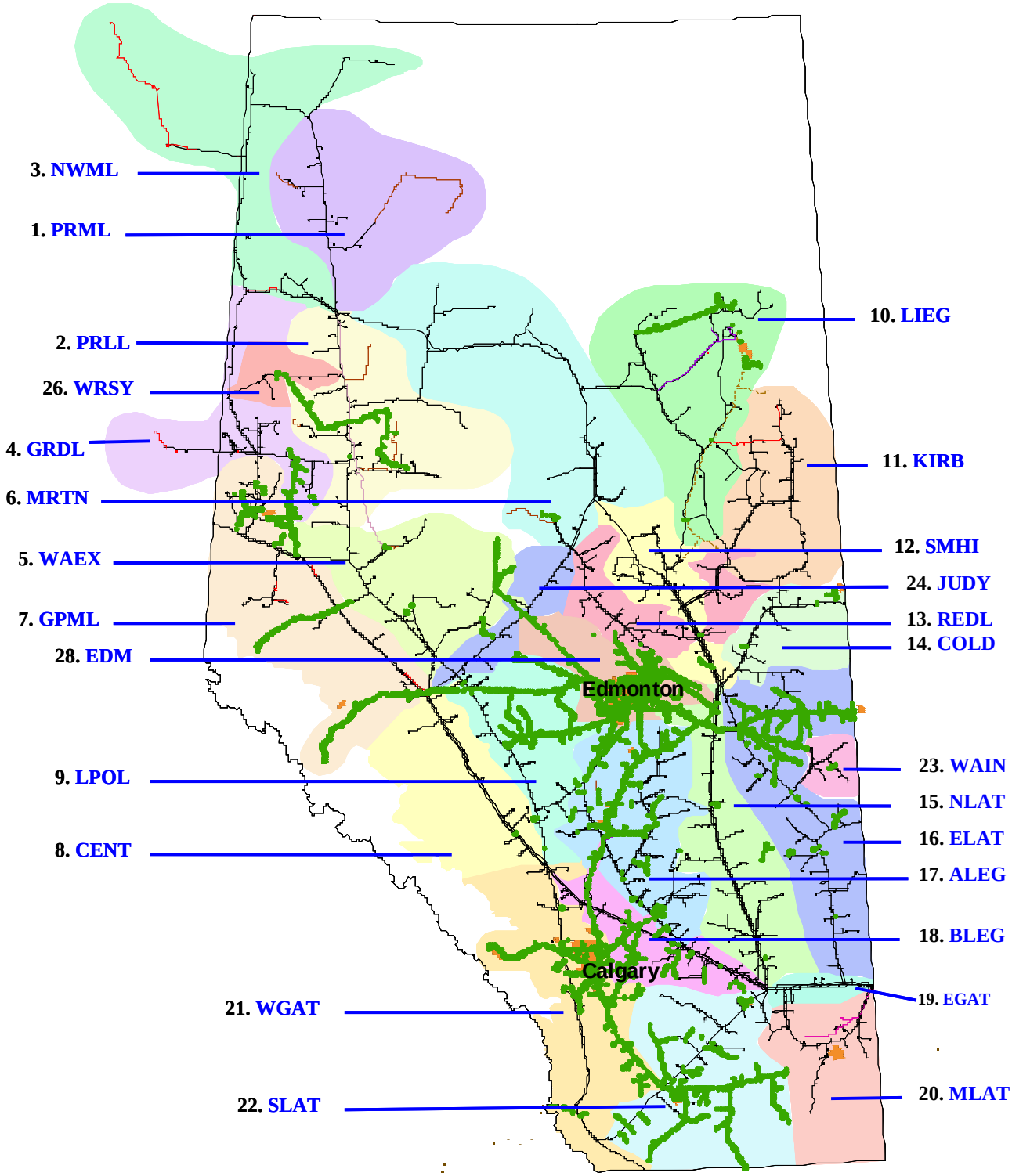
The Future Firm Transportation Service Availability report presents guidelines and timing for all future firm transportation service requests.

NGTL Design Areas



(Last updated Nov 2011)

NGTL Pipeline Segments



(Last updated Nov 2011)

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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-Alberta 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.

IT-2 Service Available
The percentage of time that IT-2 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