SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending December 2013

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

Published date: March 28th, 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 at Eastern and Western Gates may exceed the design capability due to flow conditions that deviate from these assumptions.

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 December 2013

-			Receipt			
		Deli	very Dec CD	Reco	eipt Dec CD	
Segment	Contract	Utilization	(TJ/d)	Utilization (
UPRM	FT	2%	23.0	89%	72	
	$FT + IT^2$	10%		96%		
PRLL	FT	50%	46.9	89%	115	
	FT + IT	56%		101%		
NWML	FT	100%	1.5	59%	584	
	FT + IT	139%	1.5	62%	204	
GRDL	FT FT + IT	31% 44%	8.9	65% 69%	1,835	
		44.70		0,7,0		
WRSY	FT	0%	0.0	84%	20	
	FT + IT	0%		97%		
WAEX	FT	24%	13.6	72%	349	
	FT + IT	60%		92%		
JUDY	FT	49%	33.8	87%	72	
	FT + IT	52%		117%		
GPML	FT	55%	162.3	87%	3,036	
GIML	FT + IT	55 % 71%	102.5	94%	3,030	
CENT	FT FT + IT	89% 89%	1.3	95% 118%	859	
	FI + 11	8770		118 /0		
LPOL	FT	55%	76.2	95%	560	
	FT + IT	75%		116%		
WGAT	FT	82%	3,596.6	96%	387	
	FT + IT	89%		113%		
ALEG	FT	65%	330.6	94%	852	
ALEG	FT + IT	73%	330.0	114%	832	
SLAT	FT FT + IT	54% 55%	177.2	94% 113%	215	
	F I + II	5570		115 /0		
MLAT	FT	64%	262.8	74%	214	
	FT + IT	64%		84%		
BLEG	FT	76%	137.8	92%	585	
	FT + IT	76%		102%		
EGAT	FT	98%	4,758.9	90%	38	
10.11	FT + IT	111%	1,72013	106%	20	
		250/	24.4			
MRTN	FT FT + IT	27% 31%	36.4	77% 93%	77	
LIEG	FT FT IT	88%	1,214.3	54%	29	
	FT + IT	99%		243%		
KIRB	FT	74%	1,116.9	74%	32	
	FT + IT	78%		139%		
SMHI	FT	82%	12.0	92%	37	
	FT + IT	98%		123%		
REDL	FT	87%	10.0	90%	34	
REDL	FT + IT	114%	10.0	141%	34	
COLD	FT FT + IT	64% 91%	88.4	93% 136%	21	
	FI + II	9170		130 %		
EDM	FT	62%	1,752.8	95%	58	
	FT + IT	63%		121%		
NLAT	FT	56%	15.8	94%	135	
	FT + IT	56%		120%		
WAIN	FT	51%	0.4	84%	7	
4773114	F I FT + IT	51%	0.4	84% 151%	/	
ELAT	FT FT + IT	91% 94%	268.8	94% 127%	123	
		24 /0		127/0		
TOTAL SYSTEM		83%	14,146.9	83%	10,347	
	FT + IT	91%		96%	<u> </u>	

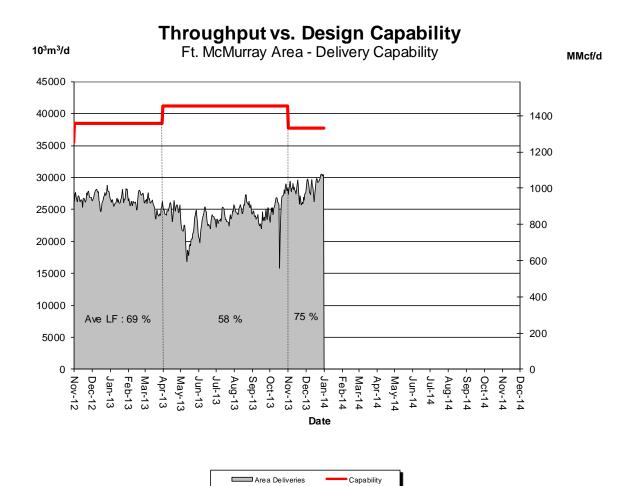
*NOTE
1. FT includes all receipt and delivery Firm Transportation Services: FTR, FTRN, LRS, FTD1, FTD2,
2. IT includes receipt and delivery Interruptible Services: IT-R and IT-D respectively.

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



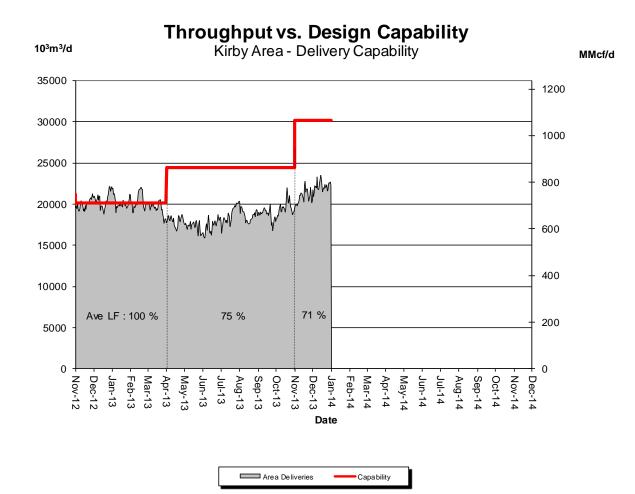


Monthly		gn Capa ea Deliveries	•			
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec
Design Capability	58	62	58	63	73	77



DESIGN CAPABILITY UTILIZATION KIRBY AREA – FLOW WITHIN

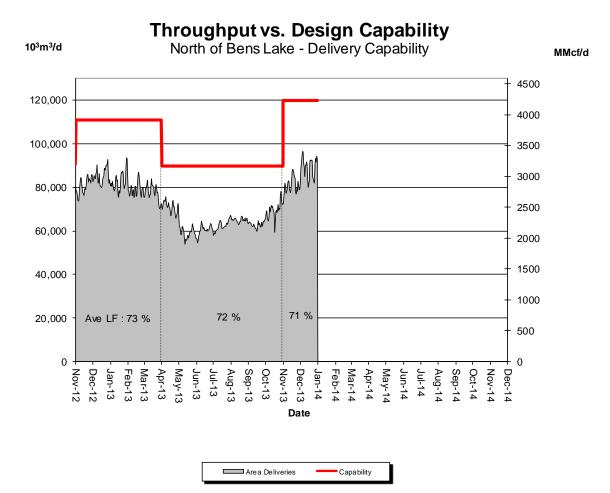




% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability							
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec	
Design Capability	76	76	76	80	69	73	



DESIGN CAPABILITY UTILIZATION NORTH OF BENS LAKE – FLOW WITHIN

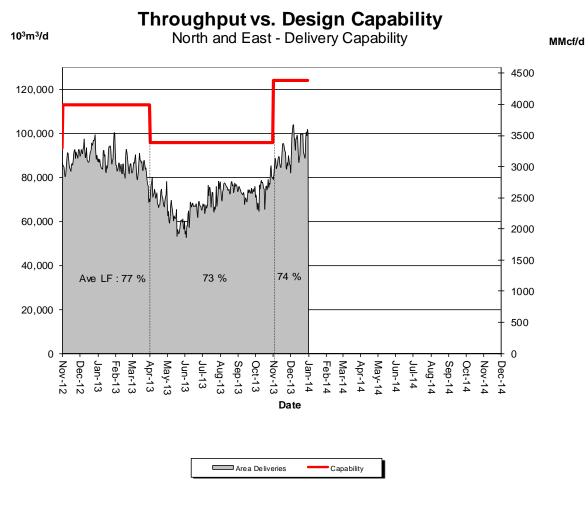


% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability							
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec	
Design Capability	71	72	70	77	67	74	



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



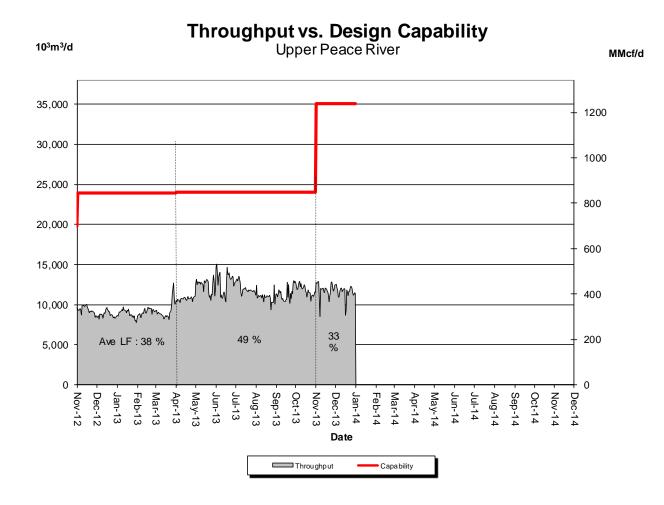
Monthly Ave	% Design Capability Utilization Monthly Average Actual Area Deliveries as a Percentage of Design Capability							
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec		
Design Capability	74	78	76	78	71	77		





DESIGN CAPABILITY UTILIZATION UPPER PEACE RIVER



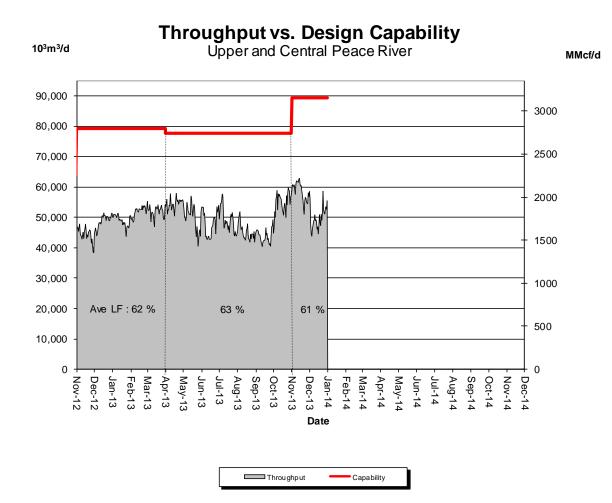


		-	bility Ut a Percentage			
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec
Design Capability	50	45	47	49	34	33



DESIGN CAPABILITY UTILIZATION UPPER and CENTRAL PEACE RIVER



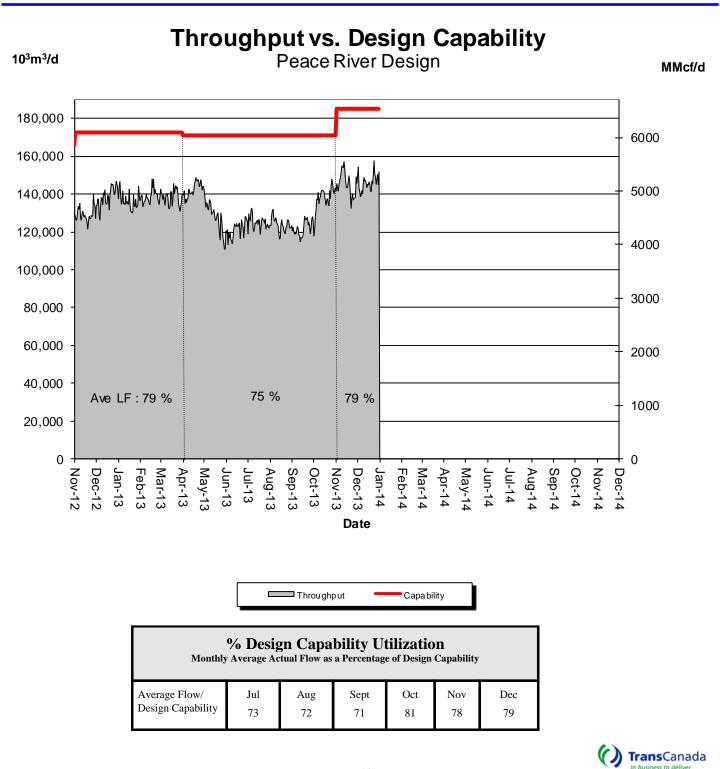


% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Capability							
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec	
Design Capability	63	58	56	70	66	56	



DESIGN CAPABILITY UTILIZATION PEACE RIVER DESIGN

(Upper, Central and Lower Peace River)

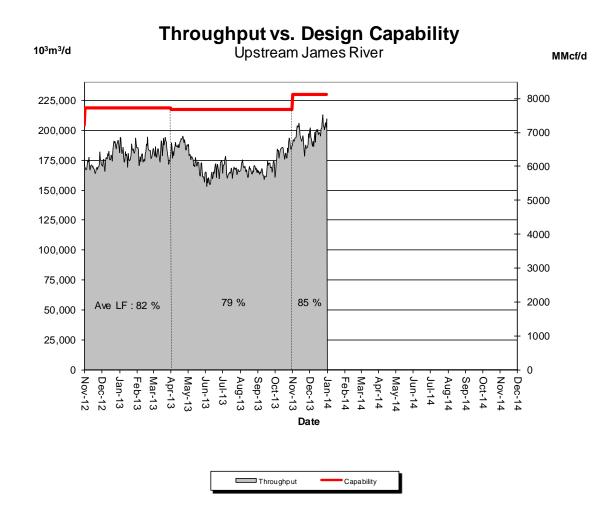


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DESIGN CAPABILITY UTILIZATION UPSTREAM JAMES RIVER



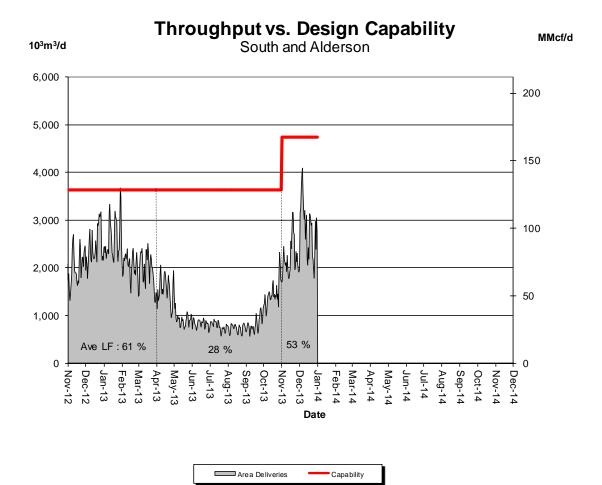
(Edson Mainline, Peace River Design and Marten Hills)



% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability							
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec	
Design Capability	77	77	77	84	84	86	



DESIGN CAPABILITY UTILIZATION SOUTH and ALDERSON – FLOW WITHIN

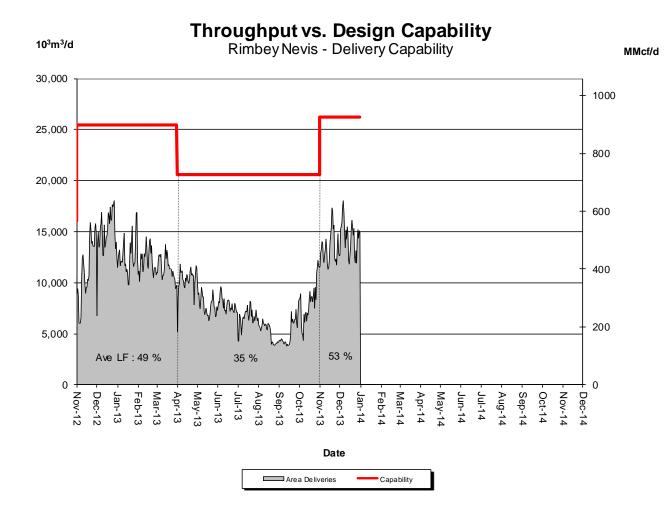


% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability								
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec		
Design Capability	22	20	23	40	47	59		



DESIGN CAPABILITY UTILIZATION RIMBEY-NEVIS – FLOW WITHIN





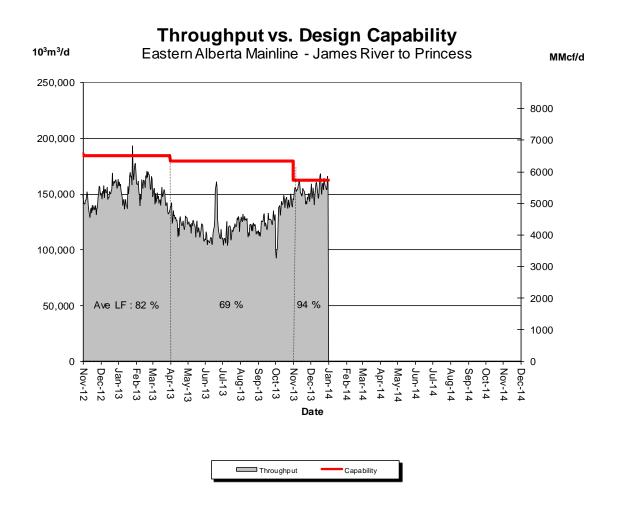
% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability							
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec	
Design Capability	33	25	25	40	51	55	



DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE

(James River to Princess)



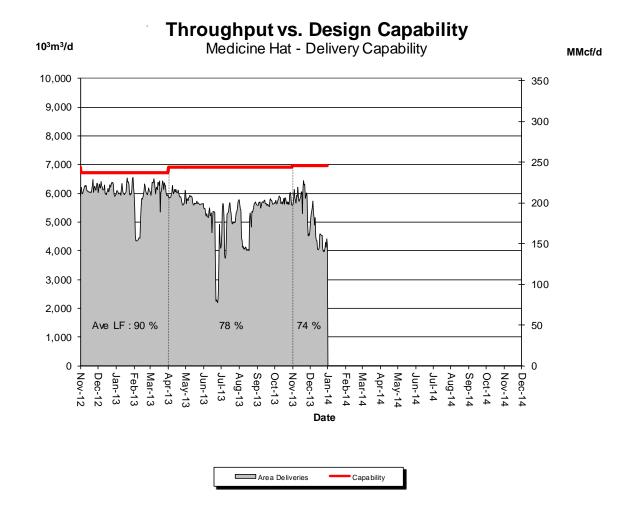


% Design Capability Utilization Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec
Design Capability	66	68	69	75	93	96



DESIGN CAPABILITY UTILIZATION MEDICINE HAT – FLOW WITHIN





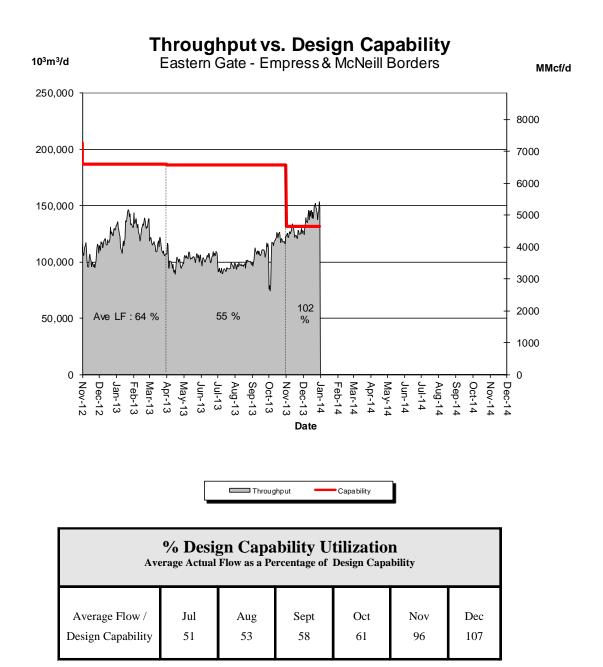
% Design Capability Utilization Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/	Jul	Aug	Sept	Oct	Nov	Dec
Design Capability	74	70	82	83	83	66



DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE

(Princess to Empress / McNeill)

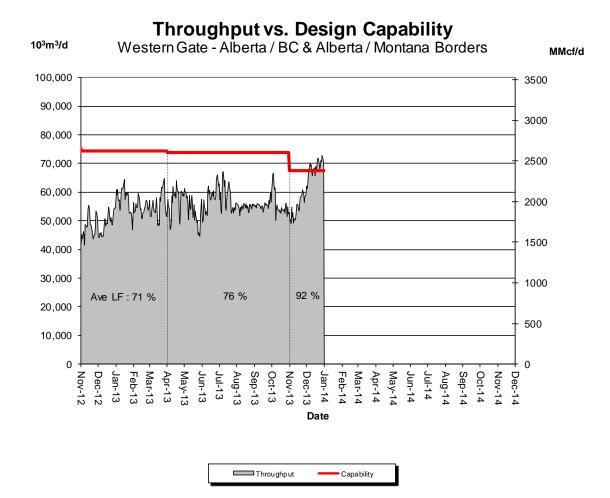






DESIGN CAPABILITY UTILIZATION WESTERN ALBERTA MAINLINE (Alberta/B.C. and Alberta/Montana Borders)





% Design Capability Utilization Average Actual Flow as a Percentage of Design Capability						
Average Flow /	Jul	Aug	Sept	Oct	Nov	Dec
Design Capability	79	74	75	76	81	102



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/2 801.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:

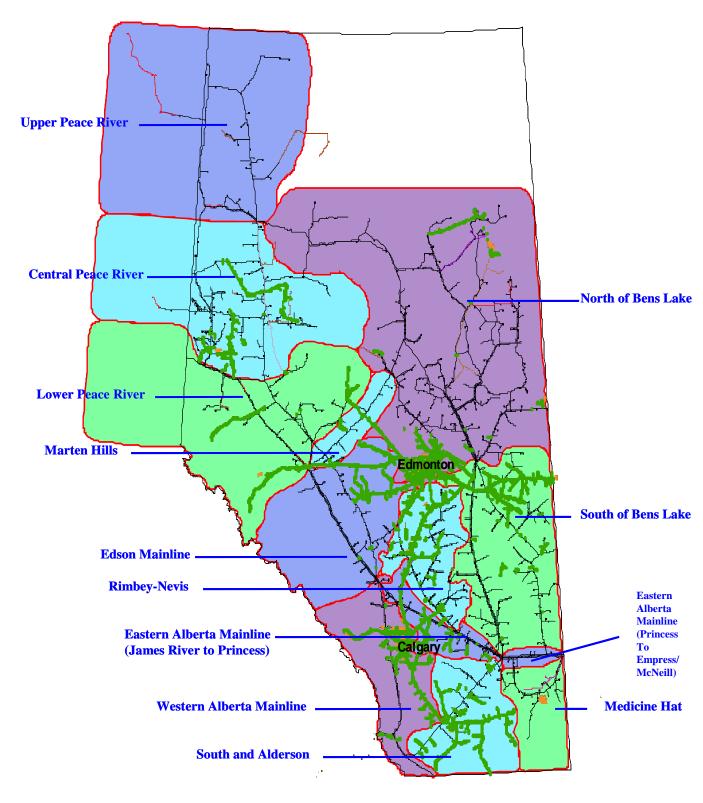
- Total market demand for Alberta natural gas.
- Seasonal changes in market demand for Alberta natural gas.
- Receipt nominating practices of customers individually and in aggregate to meet that level of demand.
- Effect of scheduled maintenance on actual flow requirement in a design area at any given 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.



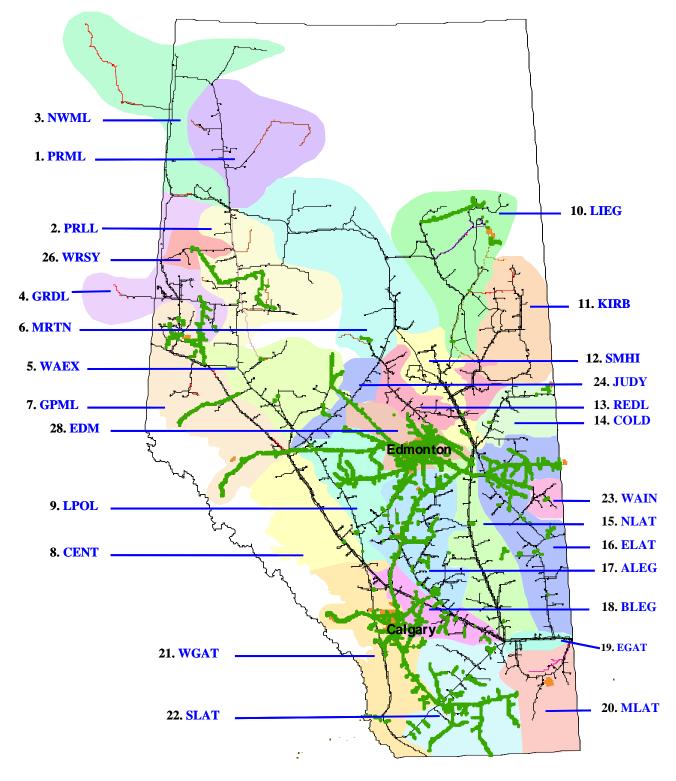
NGTL Design Areas



(Last updated Nov 2011)



NGTL Pipeline Segments





(Last updated Nov 2011)

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

