SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending January, 2009

Published date: March 11, 2009

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during November 2008 January 2009 [i.e. Upper Peace River, Upper and Central Peace River, Peace River Design, Upstream James River, Eastern Alberta Mainline: James River to Princess, Eastern Alberta Mainline: Princess to Empress/McNeill, and South and Alderson].
- FT Receipt Availability over a 3 month average from November 1, 2008 January 31, 2009 was deemed to be 100% available in all pipe segments.
- Border Availability at Empress/McNeill, Gordondale and Alberta/BC, over a 3 month average from November 1, 2008 January 31, 2009, were all deemed 100% available.

NOVA Gas Transmission Ltd.



TABLE OF CONTENTS

MONTHLY FEATURES	PAGE
Firm Transportation Service Contract Utilization	3
Design Flow Requirements Utilization	
North of Bens Lake – Flow Through	4
North & South of Bens Lake – Flow Through	
North & South of Bens Lake – Flow Within	
Upper Peace River	7
Upper & Central Peace River	
Peace River	9
Marten Hills	10
Edson M/L, Peace River, & Marten Hills	11
South & Alderson	12
Rimbey Nevis	
Eastern Alberta Mainline (James River to Princess)	14
Medicine Hat	
Eastern Alberta Mainline (Princess to Empress/McNeill)	
Western Alberta Mainline (AB/BC & AB/Montana Borders)	17
Historical Transportation Service Availability (3 Month Average)	18
Future Firm Transportation Service Availability	19
How to Use This Report	
REFERENCES	
NGTL Design Areas Map	22
NGTL Pipeline Segments Map	23
Definition of Terms	24

If you have any questions on the content of this report, contact Bob Haney at (403) 920-5317 or via fax at (403) 920-2380.



FIRM TRANSPORTATION SERVICE¹ CONTRACT UTILIZATION²

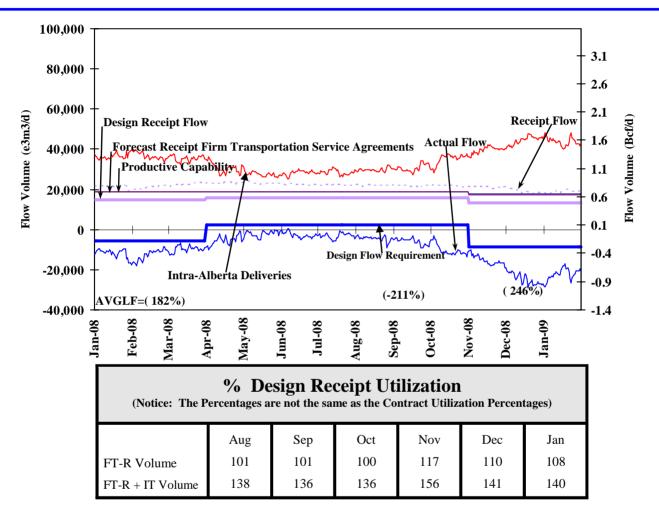
		By No	GTL Pipeline	Segments				
Segment	Receipt Contract	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Jan CD (mmcf/d)
UPRM ⁴	FT FT + IT	93% 108%	92% 105%	91% 98%	84% 91%	76% 82%	89% 104%	128
LPRM ⁴	FT FT + IT	94% 125%	93% 129%	95% 129%	96% 124%	82% 99%	93% 117%	22
PRLL 4	FT FT + IT	94% 116%	93% 114%	93% 115%	95% 123%	93% 115%	94% 115%	196
NWML ⁴	FT FT + IT	97% 111%	96% 115%	96% 105%	96% 106%	92% 97%	94% 100%	448
GRDL 4	FT FT + IT	88% 125%	89% 120%	89% 110%	84% 116%	86% 109%	86% 111%	265
WRSY 4	FT + IT FT + IT	91% 145%	94% 156%	94% 157%	95% 166%	94% 160%	95% 140%	37
WAEX	FT + IT FT + IT	92% 175%	90% 157%	93% 160%	93% 174%	85% 133%	88% 140%	272
JUDY	FT + IT FT + IT	94% 160%	96% 164%	96% 153%	97% 157%	97% 148%	96% 148%	96
GPML	FT FT FT + IT	96% 114%	95% 113%	95% 112%	93% 109%	89% 102%	93% 105%	2,069
CENT	FT FT FT + IT	96% 114%	95% 115%	96% 115%	94% 116%	92% 112%	96% 119%	1,025
LPOL	FT FT + IT	96% 124%	94% 123%	96% 128%	97% 129%	95% 119%	94% 121%	475
WGAT	FT FT + IT	90% 115%	88% 111%	86% 105%	87% 103%	87% 107%	90% 109%	305
ALEG	FT FT + IT	95% 125%	94% 122%	93% 117%	94% 121%	92% 115%	93% 120%	1,039
SLAT	FT FT + IT	94% 137%	96% 134%	97% 130%	98% 129%	94% 117%	95% 120%	265
MLAT	FT FT + IT	92% 110%	91% 109%	91% 109%	90% 112%	89% 102%	90% 104%	286
BLEG	FT FT + IT	94% 114%	93% 114%	94% 112%	96% 113%	94% 105%	94% 108%	638
EGAT	$\mathbf{FT}\\ \mathbf{FT} + \mathbf{IT}$	92% 119%	92% 118%	94% 122%	92% 131%	89% 114%	90% 127%	49
MRTN	FT FT + IT	95% 113%	96% 113%	95% 112%	94% 108%	90% 98%	88% 97%	160
LIEG	FT FT + IT	90% 136%	83% 121%	92% 136%	90% 116%	84% 103%	83% 105%	112
KIRB	FT FT + IT	88% 126%	88% 122%	91% 131%	94% 133%	81% 97%	81% 107%	101
SMHI	FT FT + IT	85% 117%	83% 114%	79% 109%	82% 118%	71% 106%	79% 106%	109
REDL	FT FT + IT	84% 134%	85% 133%	85% 138%	84% 146%	77% 137%	82% 152%	71
COLD	FT FT + IT	89% 110%	89% 110%	89% 108%	90% 106%	81% 96%	77% 98%	60
NLAT	FT FT + IT	94% 127%	94% 128%	92% 124%	94% 130%	92% 120%	91% 120%	294
WAIN	FT FT + IT	97% 133%	96% 141%	94% 138%	96% 164%	85% 139%	82% 136%	18
ELAT	FT FT + IT	92% 136%	92% 135%	92% 141%	91% 141%	91% 131%	92% 141%	174
TOTAL SYSTEM Segment	FT + IT	94% 121%	93% 119%	94% 117%	93% 118%	90% 110%	92% 114%	8,714
	Delivery Contract	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Jan CD (GJ/d)
Empress	FT FT + IT	98% 116%	99% 118%	98% 111%	99% 120%	98% 114%	96% 116%	4,466,074
McNeill	FT FT + IT	83% 96%	82% 94%	95% 113%	98% 113%	98% 116%	99% 138%	1,430,080
ABC	FT FT + IT	79% 79%	77% 77%	67% 67%	72% 73%	88% 94%	87% 88%	2,512,473
*NOTE: 1. FT includes all receip	pt and export delivery Fi	irm Transportation	a Services: FTR	, LRS, FTD.				

- 1. FT includes all receipt and export delivery Firm Transportation Services: FTR, LRS, FTD.
- ${\bf 2.}\ \ IT\ includes\ all\ receipt\ and\ border\ delivery\ Interruptible\ Services:\ ITR,FRO,ITD,FDO.$
- 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 FLOW REQUIREMENTS UTILIZATION NORTH OF BENS LAKE – FLOW THROUGH

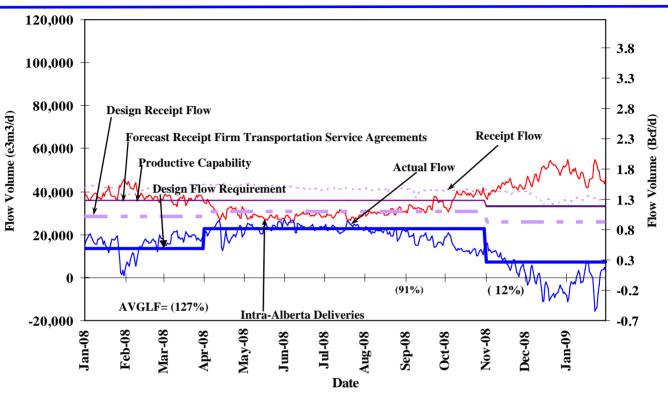


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan	
Design Capacity	-196	-225	-445	181	292	263	





DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE – FLOW THROUGH



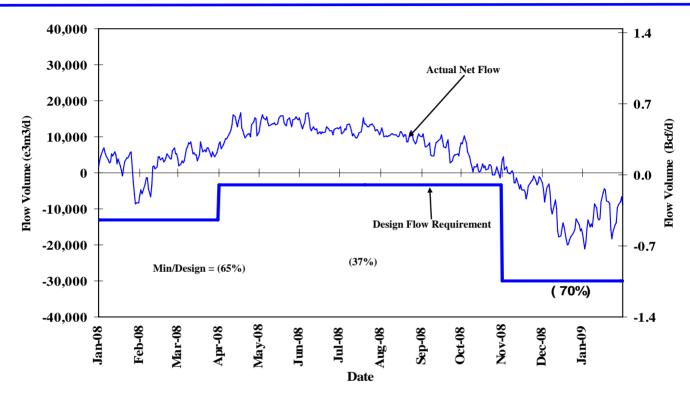
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
	Aug Sep Oct Nov Dec Jan								
FT Volume	96	95	95	112	108	105			
FT-R + IT Volume	133	131	132	156	142	142			

	Design Fl verage Actual	_				ts
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan
Design Capacity	94	79	61	113	-54	-20





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

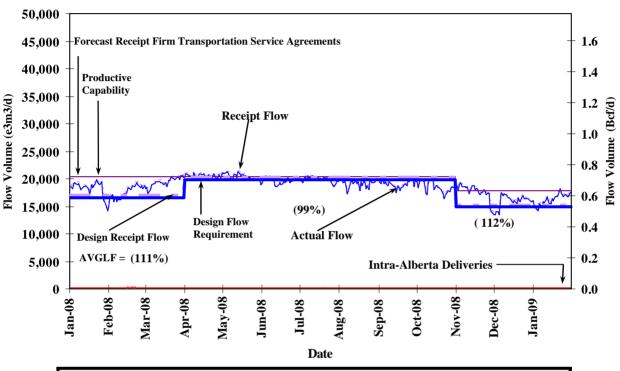


	Design Fl Actual Minim	_	v as a Percen			
Minimum Flow/	Aug	Sep	Oct	Nov	Dec	Jan
Design Net Flow	-232	-207	37	24	66	70





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



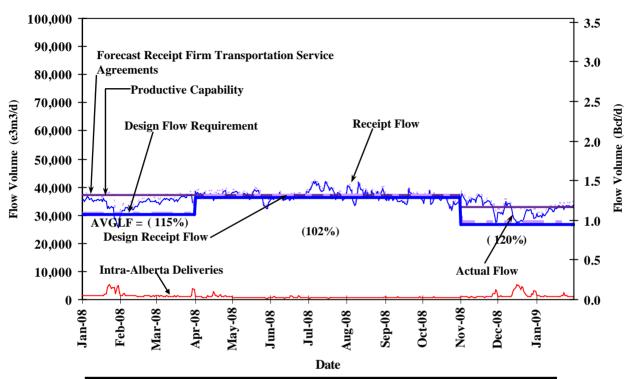
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
Aug Sep Oct Nov Dec Jan									
FT Volume	84	81	85	108	101	100			
FT-R + IT Volume	96	95	93	119	107	109			

% Do		_	iremen			ents
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan
Design Capacity	96	96	93	119	107	109





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER



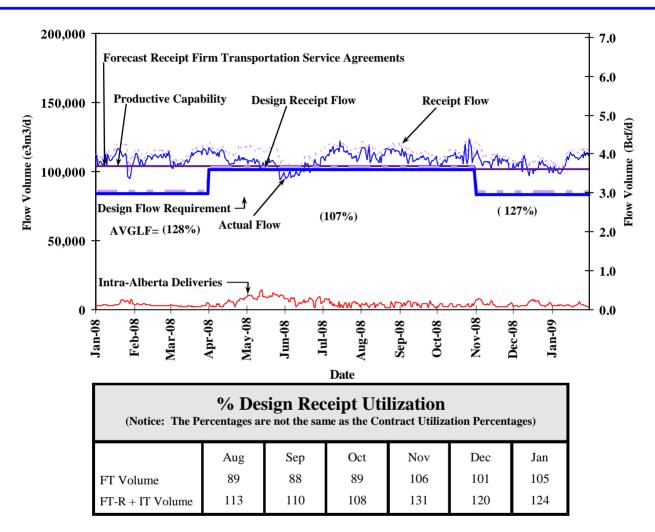
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
Aug Sep Oct Nov Dec Jan									
FT Volume	84	80	84	107	103	103			
FT-R + IT Volume	104	100	98	130	120	121			

	% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan		
Design Capacity	104	99	97	129	114	119		





DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER

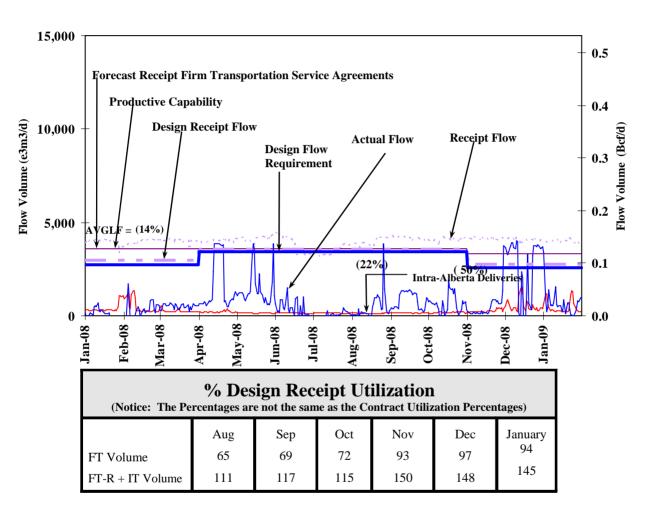


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan	
Design Capacity	112	108	108	129	125	129	





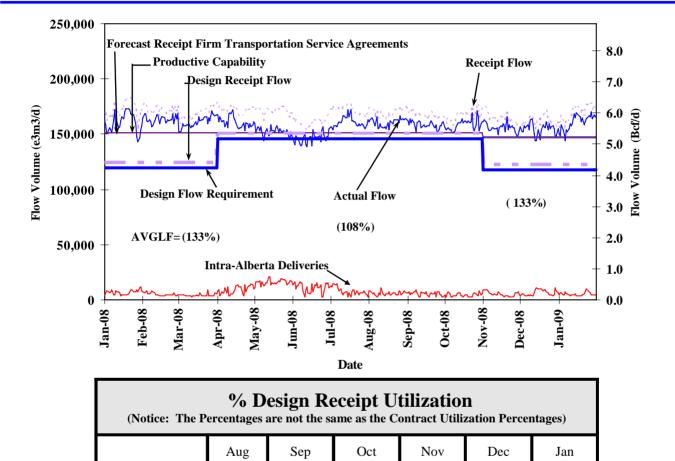
DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan	
Design Capacity	13	24	19	21	105	25	



DESIGN FLOW REQUIREMENTS UTILIZATION EDSON M/L, PEACE RIVER, AND MARTEN HILLS



 $\underline{\text{NOTE}}$: Utilization data is based upon billed monthly volumes expressed as a percentage of design receipt flow. Design receipt flow is the amount of receipt flow for which the area was designed.

FT Volume

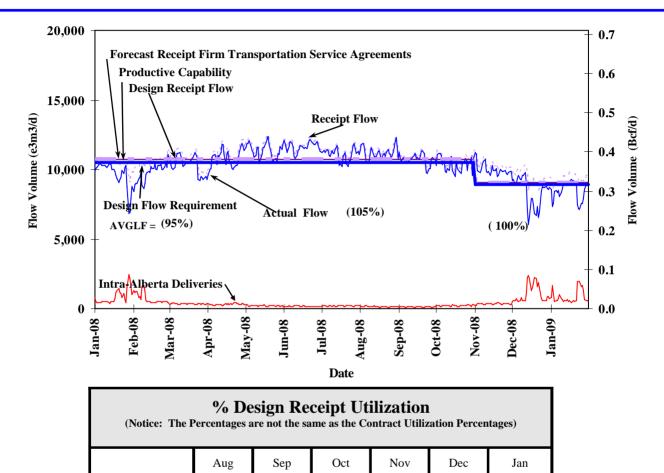
FT-R + IT Volume

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/ Design Capacity	Average Flow/ Aug Sep Oct Nov Dec January Design Capacity 110 109 109 132 131 137						





DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON



<u>NOTE</u>: Utilization data is based upon billed monthly volumes expressed as a percentage of design receipt flow. Design receipt flow is the amount of receipt flow for which the area was designed.

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan
Design Capacity	106	102	98	112	93	95

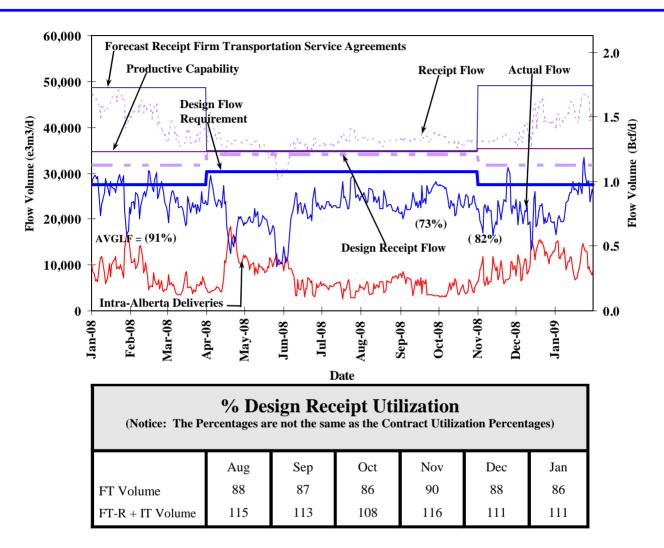
FT Volume

FT-R + IT Volume





DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS



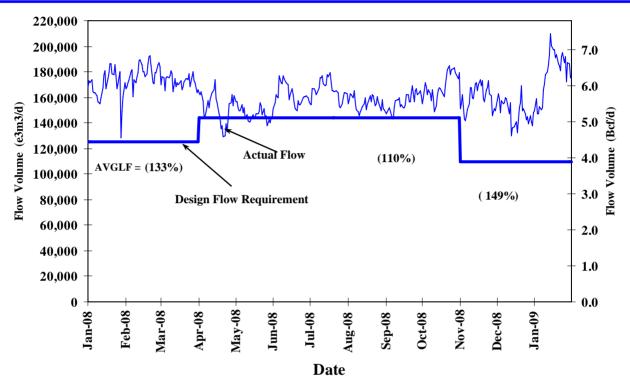
% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan
Design Capacity	78	80	80	80	75	90



DESIGN FLOW REQUIREMENTS UTILIZATION EASTERN ALBERTA MAINLINE



(James River to Princess)

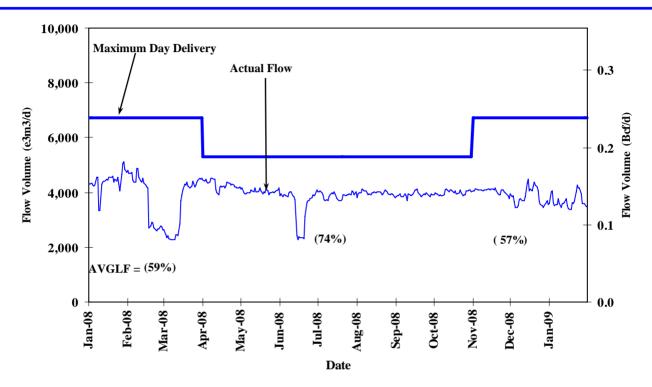


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	Aug	Sep	Oct	Nov	Dec	Jan	
Design Capacity	108	108	117	146	136	163	





DESIGN FLOW REQUIREMENTS UTILIZATION MEDICINE HAT



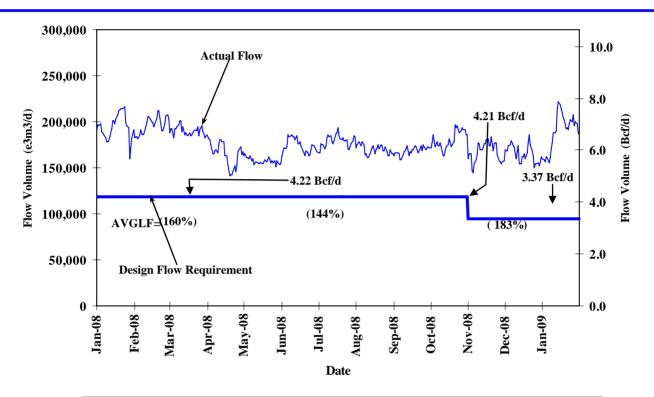
Design flow for the Medicine Hat area is the net flow to the area deliveries. Since all deliveries are intra-Alberta deliveries there are no Firm Service Delivery contracts in effect for this area. Consequently, contract utilization values are not available.



DESIGN FLOW REQUIREMENTS UTILIZATION EASTERN ALBERTA MAINLINE



(Princess to Empress / McNeill)



% Design Delivery Utilization (Notice: Average Actual Flow as a Percentage of Design Flow Requirements)						
	Aug	Sep	Oct	Nov	Dec	Jan
FT ¹ Volume	122	121	133	148	150	160
FT ¹ + IT Volume	143	143	152	176	176	201

NOTE:

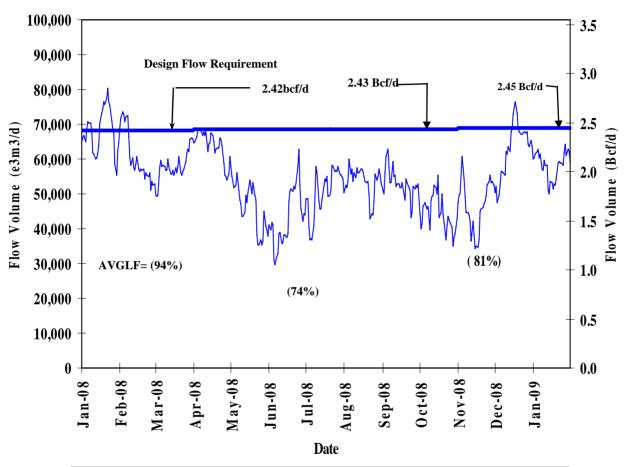
Utilization data is based upon billed monthly volumes expressed as a percentage of seasonal design delivery flow at Empress and McNeill Export delivery points.

1. FT includes year-round FT-D, STFT and LRS.



DESIGN FLOW REQUIREMENTSUTILIZATION WESTERN ALBERTA MAINLINE (Alberta/B.C. and Alberta/Montana Borders)





% Design Delivery Utilization (Notice: Average Actual Flow as a Percentage of Design Flow Requirements)								
	Aug Sep Oct Nov Dec Jan							
FT ¹ Volume	T ¹ Volume 77 76 64 67 87 83							
FT ¹ + IT Volume	78 77 65 68 92 84							

NOTE:

Utilization data is based upon billed monthly volumes expressed as a percentage of seasonal design delivery flow at Alberta/BC and Alberta/Montana Export delivery points.



HISTORICAL TRANSPORTATION SERVICE AVAILABILITY

Nov 1, 2008 to Jan 31, 2009 (3 Month Average)

Alberta-BC

Gordondale

100

100

100

100

Receipt Area		IT-R Service	Firm Service	Firm Service	%	CD	Causes/Comments (3)
		Available	Available	Restriction	Restri	cted ⁽¹⁾	
	Segment	(% of time)	(% of time)	(% of time)	Max	Average	
Peace River	UPRM 1	100	100	0	0	0	
	PRLL 2	100	100	0	0	0	
	NWML 3	100	100	0	0	0	
	GRDL 4	100	100	0	0	0	
	WAEX 5	100	100	0	0	0	
	JUDY 24	100	100	0	0	0	
	WRSY26	100	100	0	0	0	
	LPRM 27	100	100	0	0	0	
	GPML 7	100	100	0	0	0	
Central	CENT 8	100	100	0	0	0	
	LPOL 9	100	100	0	0	0	
North & East Upstream	LIEG 10	100	100	0	0	0	
of Bens Lake	KIRB 11	100	100	0	0	0	
	MRTN 6	100	100	0	0	0	
	SMHI12	100	100	0	0	0	
	REDL 13	100	100	0	0	0	
	COLD 14	100	100	0	0	0	
Downstream of	NLAT 15	100	100	0	0	0	
Bens Lake	ELAT 16	100	100	0	0	0	
	WAIN 23	100	100	0	0	0	
Rimbey/Nevis	ALEG 17	100	100	0	0	0	
Eastern Mainline	BLEG 18	100	100	0	0	0	
	EGAT 19	100	100	0	0	0	
	MLAT 20	100	100	0	0	0	
	SLAT 22	100	100	0	0	0	
Western Mainline	WGAT 21	100	100	0	0	0	
Borders		IT-D Service	Firm Service	Firm Service	% CD Re	stricted ⁽¹⁾	Causes/Comments (3)
	Available ⁽²⁾	Available ⁽²⁾	Available	Restriction			
	(% of time)	(% of time)	(% of time)	(% of time)	Max	Average	
Empress/McNeill		100	100	0	0	0	
		t				T	i

0

0

FUTURE FIRM TRANSPORTATION SERVICE AVAILABILITY (MAINLINE RESTRICTIONS)

Export Firm Transportation Guidelines

Firm	Authorize Firm	To Ensure Firm
Transportation	Transportation	Transportation
Service Type	Service By	Service By
Export Delivery	August 1, 2006 August 1, 2007	November 2007 November 2008

Receipt Firm Transportation Guidelines

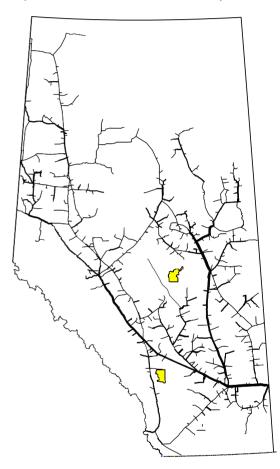
Firm Transportation Service Type	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Receipt - Summer construction (generally south of Edmonton)	November 1, 2006 November 1, 2007	November 2007 November 2008
Receipt - Winter construction (generally north of Edmonton)	April 1, 2006 April 1, 2007	April 2007 April 2008

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 as of December, 2006

(last revision November 2005)



Firm Transportation - Receipt Lead Time



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 26NGTL 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 Flow Requirements Utilization

The load factor/segment flow graphs show actual flow versus design values for various NGTL system areas. For comparison, the graphs also include design area receipt firm transportation service agreements and productive capability. The graphs also show seasonal (summer/winter) design flows and average load factors for each season. Data used in these reports lags the current date by one month.

Design Flow Requirements 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.



HOW TO USE THIS REPORT - continued

Historical Transportation Service Availability

Transportation Service Availability is a system utilization measure that identifies the degree to which firm and interruptible transportation services are available on the NGTL system. It includes the historical frequency of service restriction experienced by the gas transmission network by service type and by pipeline segment.

The data shows the percentage of a given time period that a service type was available for a given section of the system. Service availability less than 100 percent means that some level of transportation service has been restricted for a portion of the time period.

Priority of transportation service on the NGTL system is firm transportation service, and then interruptible (IT). If transportation is restricted within a segment, all service within that segment of a lower priority will be affected.

Service availability is affected by a number of factors including scheduled and unscheduled maintenance, construction or other outages.

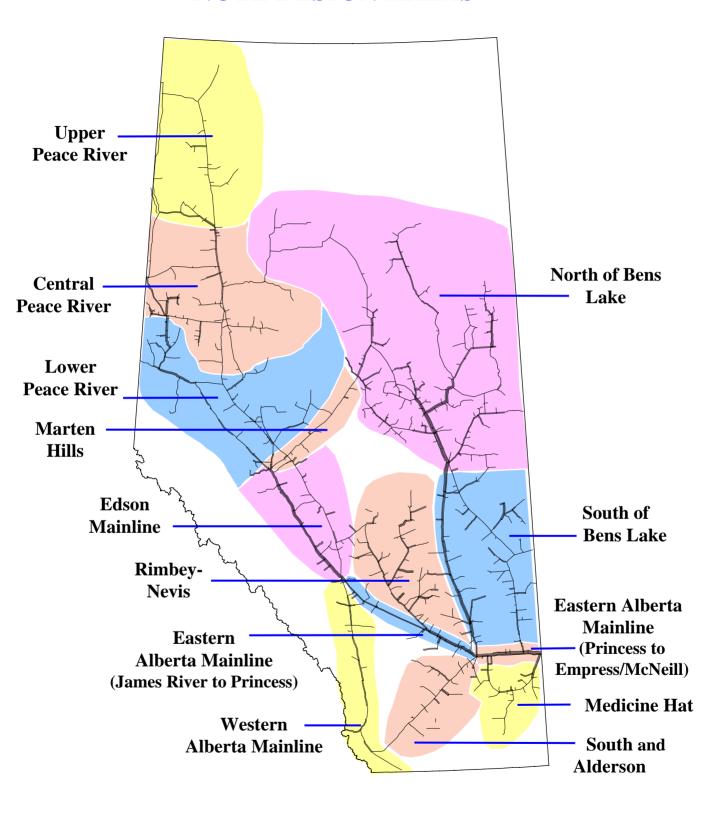
As a monthly feature the Historical Transportation Service Availability is shown as a three-month rolling average of transportation availability.

Future Firm Transportation Service Availability

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

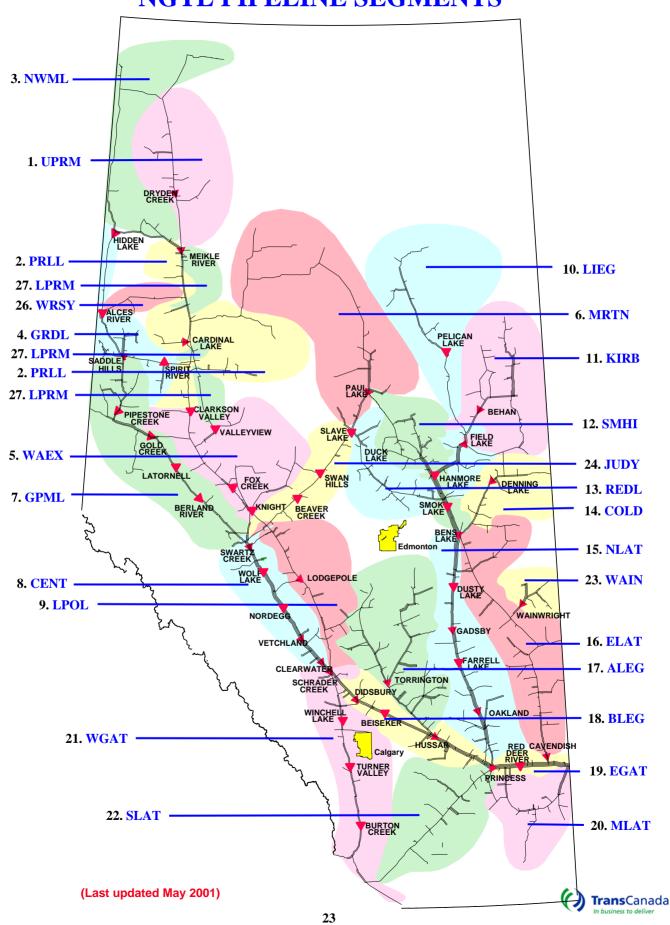


NGTL DESIGN AREAS





NGTL PIPELINE SEGMENTS



DEFINITION OF TERMS

Design Capacity Utilization

Actual Flow

The amount of gas flowing out of an area.

AVGLF (Average Load Factor)

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

Design Flow Requirements

The forecast of Firm Requirements that is required to be transported in a pipeline system considering design assumptions.

Design Receipt Flow

The amount of receipt flow for which the area was designed.

Productive Capability

The lesser of forecast field deliverability and the forecast of aggregate Receipt Contract Demand under Firm Service Agreements held at each receipt point.

Forecast Receipt Firm Transportation Service Agreements

The forecast sum of all the receipt firm service contracts within and upstream of an area used in mainline facility design.

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

