SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending October, 2007

Published date: March 27, 2008

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during April, 2007 - October, 2007 [i.e. Upper Peace River, Upper and Central Peace River, Peace River Design, North of Bens Lake, North and South of Bens Lake, Upstream James River, Eastern Alberta Mainline: James River to Princess, Eastern Alberta Mainline: Princess to Empress/McNeill and South and Alderson].
- System Average Load Factor for the 2007 summer period (i.e. April 2007 October 2007) was 122%
- FT Receipt Availability over a 3 month average from August 1, 2007 October 31, 2007 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 August 1, 2007 October 31, 2007, 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	4
North & South of Bens Lake	5
Upper Peace River	
Upper & Central Peace River	
Peace River	8
Marten Hills	9
Edson M/L, Peace River, & Marten Hills	10
South & Alderson	11
Rimbey Nevis	12
Eastern Alberta Mainline (James River to Princess)	13
Medicine Hat	
Eastern Alberta Mainline (Princess to Empress/McNeill)	15
Western Alberta Mainline (AB/BC & AB/Montana Borders)	16
Historical Transportation Service Availability (3 Month Average)	17
Future Firm Transportation Service Availability	18
How to Use This Report	
<u>REFERENCES</u>	
NGTL Design Areas Map	21
NGTL Pipeline Segments Map	22
Definition of Terms	23

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. If you wish to address a question at the FLC meeting, call Bob one week prior to the next meeting. Generally, meetings are scheduled for the second Wednesday of every other month (ie. Jan, Mar, May, etc).



FIRM TRANSPORTATION SERVICE CONTRACT UTILIZATION

By NGTL Pipeline Segments

		By N	O I L T IPCIIIC	Begin en ts				
Segment	R eceipt C ontract	Мау-07	Jun-07	Jul-07	A u g - 0 7	Sep-07	O ct-07	Oct CD (m m cf/d)
UPRM ⁴	FT	87%	86%	93%	94%	89%	92%	190
4	FT + IT	93%	90%	98%	101%	92%	95%	
LPRM ⁴	FT IT	95%	95%	96%	95%	92%	92%	25
PRLL 4	FT + IT FT	139%	141% 90%	130%	132%	123%	128%	220
rkll	FT + IT	91% 115%	90% 114%	92% 115%	92% 115%	92% 115%	91% 113%	230
NWML ⁴	FT	91%	95%	93%	95%	93%	93%	538
I W III E	FT + IT	101%	104%	102%	103%	100%	99%	330
GRDL 4	FT	94%	90%	86%	89%	89%	93%	285
	FT + IT	117%	118%	110%	116%	119%	119%	
WRSY 4	FT	97%	95%	95%	95%	96%	94%	37
	FT + IT	158%	149%	168%	165%	171%	150%	
WAEX	FT	91%	91%	86%	91%	89%	89%	345
	$\mathbf{F} \mathbf{T} + \mathbf{I} \mathbf{T}$	144%	151%	132%	149%	134%	136%	
JUDY	FT	97%	99%	97%	97%	98%	98%	108
	$\mathbf{F} \mathbf{T} + \mathbf{I} \mathbf{T}$	129%	130%	131%	138%	135%	136%	
GPM L	FT	93%	91%	93%	93%	93%	92%	2,012
	$\mathbf{F} \mathbf{T} + \mathbf{I} \mathbf{T}$	116%	107%	105%	106%	106%	104%	
CENT	FT	95%	95%	95%	96%	94%	95%	1,229
	FT + IT	112%	110%	110%	111%	111%	110%	
LPOL	FT	94%	95%	95%	96%	93%	96%	463
	FT + IT	134%	126%	127%	130%	124%	129%	!
WGAT	FT	93%	88%	88%	88%	85%	84%	464
	FT + IT	110%	107%	103%	104%	97%	97%	
ALEG	FT	91%	87%	91%	90%	89%	86%	1,268
=	FT + IT	111%	109%	119%	114%	113%	108%	250
SLAT	FT IT	93%	93%	92%	93%	93%	94%	358
· <u></u>	FT + IT	117%	117%	116%	118%	112%	109%	212
MLAT	FT FT + IT	95%	93%	92%	93% 105%	93%	93% 105%	312
~	FT + IT	103%	102%	102%	105%	103%	105%	(61
BLEG	FT FT + IT	96% 108%	95% 107%	94% 106%	95% 108%	95% 107%	96% 109%	661
70 A M	FT + 11 FT	108%	107% 96%	93%	108% 95%		93%	6.4
EGAT	FT FT + IT	94% 112%	96% 109%	93% 109%	95% 112%	95% 111%	93% 114%	64
MRTN	FT + 11	88%	87%	88%	89%	91%	89%	191
MKIN	FT + IT	88% 104%	87% 102%	88% 99%	89% 101%	91% 102%	89% 101%	1/1
LIEG	FT + II	82%	82%	81%	81%	80%	82%	113
LIEG	FT + IT	133%	131%	129%	125%	119%	121%	
KIRB	FT	86%	90%	92%	93%	90%	92%	116
KIKD	FT + IT	139%	131%	151%	148%	134%	123%	
SMHI	FT	96%	96%	96%	93%	94%	94%	111
5 H 11 1	FT + IT	140%	136%	133%	130%	138%	133%	ļ
REDL	FT	91%	92%	93%	92%	92%	90%	96
K 2 2 =	$\mathbf{FT} + \mathbf{IT}$	136%	134%	133%	134%	132%	131%	ļ
COLD	F T	80%	85%	83%	81%	84%	85%	73
	$\mathbf{F} \mathbf{T} + \mathbf{I} \mathbf{T}$	113%	113%	106%	105%	105%	103%	1
NLAT	FT	93%	92%	91%	92%	92%	93%	358
	$\mathbf{F} \mathbf{T} + \mathbf{I} \mathbf{T}$	117%	115%	115%	128%	124%	117%	1
WAIN	FT	86%	86%	92%	92%	90%	92%	22
i	$\mathbf{F}\mathbf{T} + \mathbf{I}\mathbf{T}$	131%	127%	125%	119%	114%	124%	1
ELAT	FT	91%	91%	91%	93%	92%	92%	232
i	$\mathbf{F} \mathbf{T} + \mathbf{I} \mathbf{T}$	126%	128%	124%	127%	126%	128%	ļ
TOTAL SYSTEM	FT FT + IT	93% 115%	92% 113%	92% 112%	93% 114%	92% 112%	92% 111%	9,904
Segment	Delivery	115 /0	113/0	114/0	117/0	114/0	111/0	O ct C D
	Contract	M a y - 07	Jun-07	Jul-07	A u g - 0 7	Sep-07	O ct-07	(G J/d)
Empress	FT	100%	99%	98%	100%	98%	99%	4,524,582
	FT + IT	119%	114%	110%	110%	105%	106%	
M cN eill	FT FT + IT	86%	96% 108%	96%	98% 117%	98% 106%	92%	1,999,322
	FT + IT	96%	108%	111%	117%	106%	97%	
ABC	FT FT + IT	79% 79%	8 2 % 8 2 %	89% 91%	91% 93%	90% 94%	92% 97%	2,557,716

*NOTE:

1. FT includes all receipt and export delivery Firm Transportation Services: FTR, LRS FTD.

FT + IT

- 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.

79%





97%

94%

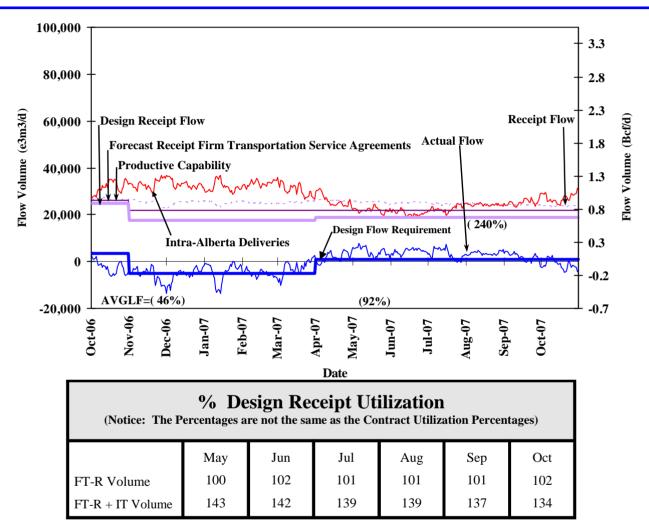
82%

91%

93%



DESIGN FLOW REQUIREMENTS UTILIZATION NORTH OF BENS LAKE

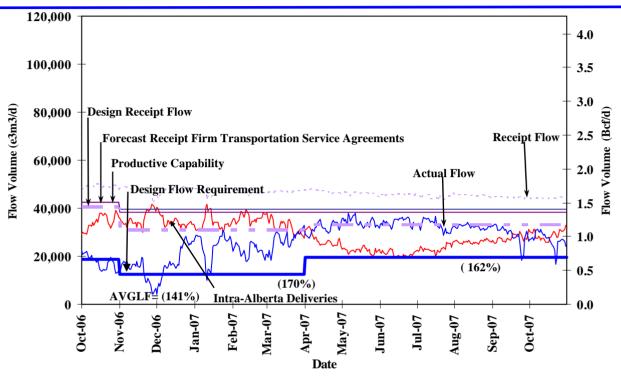


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements								
Average Flow/	May	Jun	Jul	Aug	Sep	Oct		
Design Capacity	395	406	306	325	188	117		





DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE



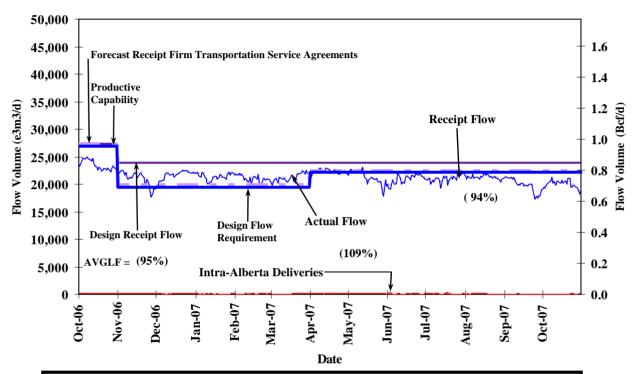
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
	May Jun Jul Aug Sep Oct								
FT Volume	FT Volume 109 110 108 108 109								
FT-R + IT Volume	150	148	145	149	146	143			

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	May	Jun	Jul	Aug	Sep	Oct	
Design Capacity	176	175	168	165	148	137	





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



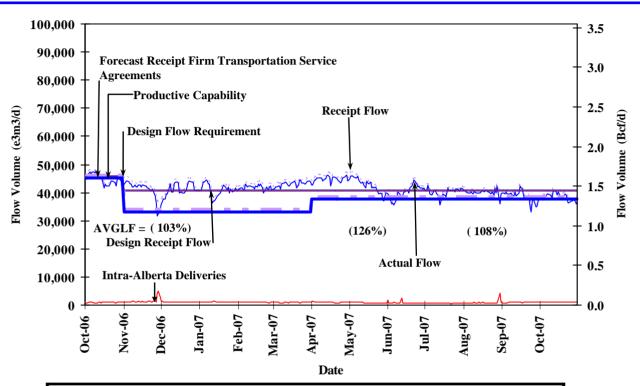
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
May Jun Jul Aug Sep Oct									
FT Volume	FT Volume 99 98 98 100 95 97								
FT-R + IT Volume	108	106	107	108	101	102			

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	May	Jun	Jul	Aug	Sep	Oct	
Design Capacity	96	94	95	96	89	90	





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER



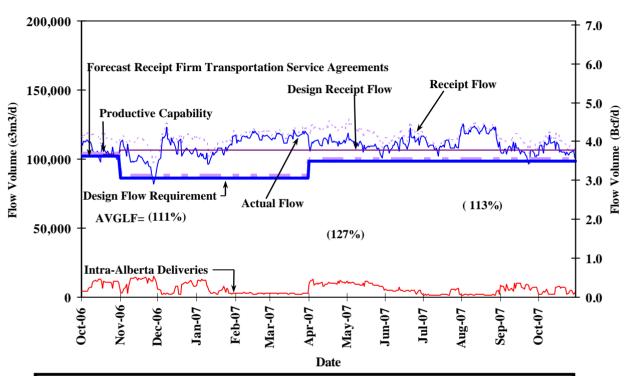
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
	May Jun Jul Aug Sep Oct								
FT Volume	FT Volume 109 102 102 103 99 101								
FT-R + IT Volume	129	122	121	122	117	117			

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	May	Jun	Jul	Aug	Sep	Oct	
Design Capacity	113	107	106	106	102	102	





DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER



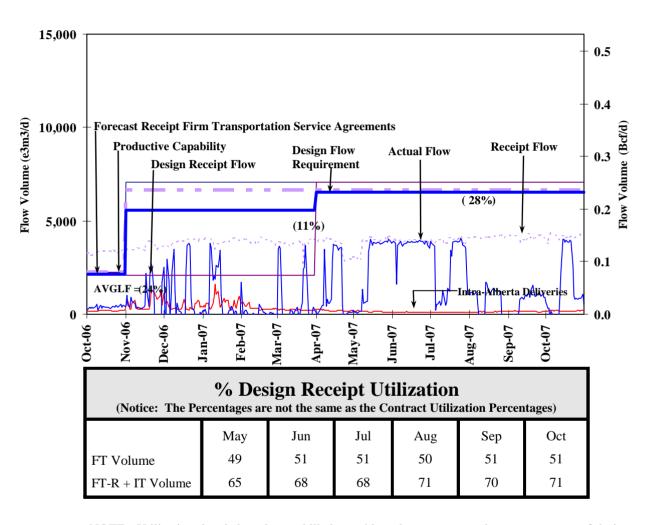
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)									
	May Jun Jul Aug Sep Oct								
FT Volume	FT Volume 109 108 108 109 108 108								
FT-R + IT Volume	136	132	128	131	128	127			

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	May	Jun	Jul	Aug	Sep	Oct	
Design Capacity	112	113	112	122	107	109	





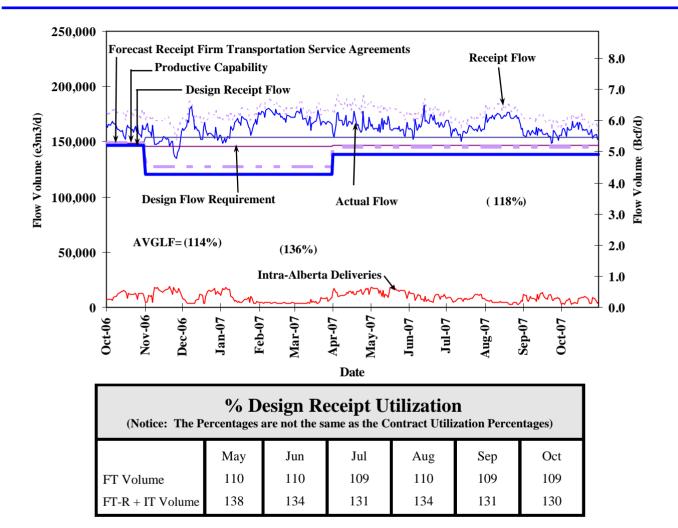
DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	May	Jun	Jul	Aug	Sep	Oct	
Design Capacity	38	58	38	11	11	23	



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

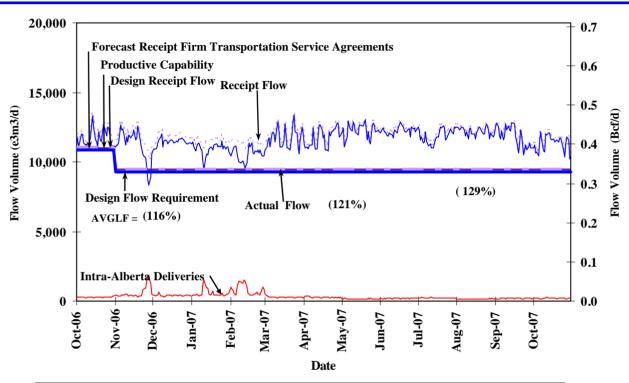


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	118	120	116	124	114	116





DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON



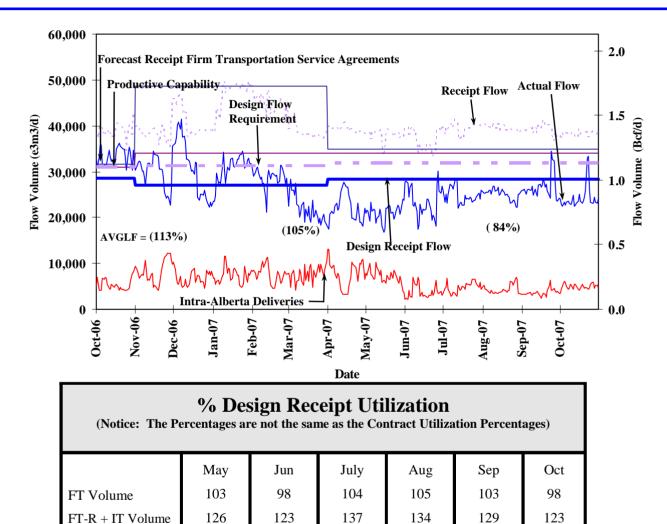
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	May	Jun	Jul	Aug	Sep	Oct
FT Volume	106	105	103	104	107	106
FT-R + IT Volume	132	132	128	131	127	122

% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	132	132	128	131	128	122





DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS



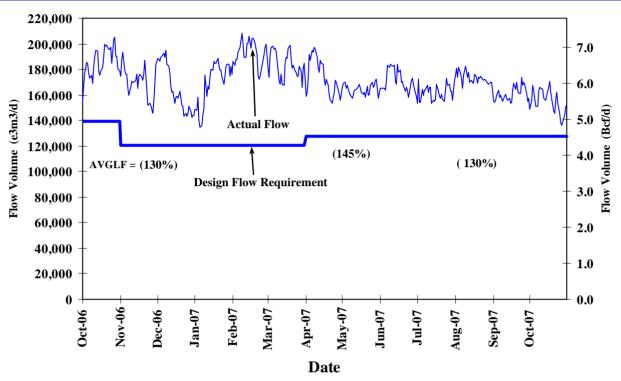
% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	July	Aug	Sep	Oct
Design Capacity	74	82	87	88	94	85



DESIGN FLOW REQUIREMENTS UTILIZATION EASTERN ALBERTA MAINLINE



(James River to Princess)

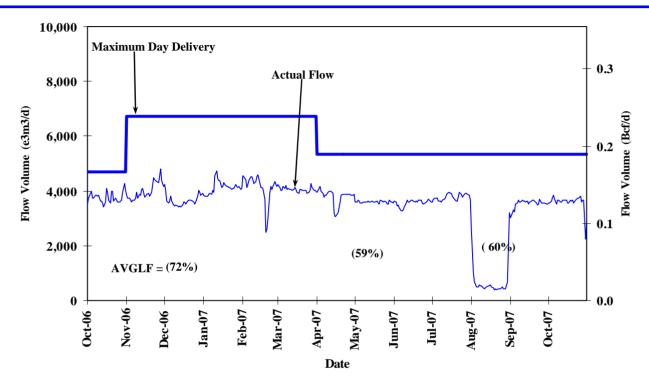


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	129	134	127	136	126	122





DESIGN FLOW REQUIREMENTS UTILIZATION MEDICINE HAT



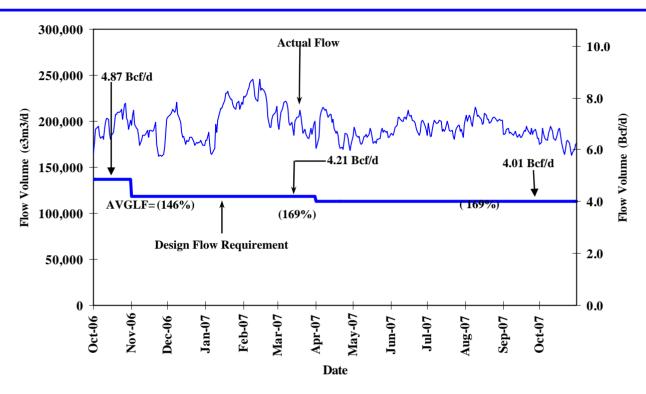
Design flow for the Medicine Hat area is the net flow to the area deliveries. Since all deliveries are intra-Alberta deliveries there are no Firm Service Delivery contracts in effect for this area. Consequently, contract utilization values are not available.



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)						
	May	Jun	Jul	Aug	Sep	Oct
FT ¹ Volume	133	146	144	151	147	142
FT ¹ + IT Volume	156	167	163	171	158	151

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.

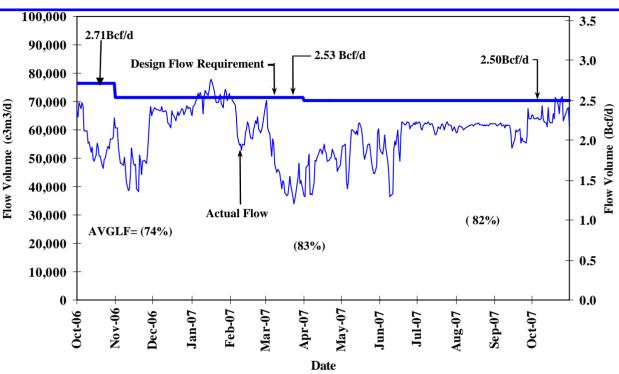
1. FT includes year-round FT-D, STFT and LRS.



DESIGN FLOW REQUIREMENTS UTILIZATION WESTERN ALBERTA MAINLINE



(Alberta/B.C. and Alberta/Montana Borders)



% Design Delivery Utilization (Notice: Average Actual Flow as a Percentage of Design Flow Requirements)						
	May	Jun	Jul	Aug	Sep	Oct
FT ¹ Volume	74	76	84	84	83	87
FT ¹ + IT Volume	75	77	86	86	86	91

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.

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



HISTORICAL TRANSPORTATION SERVICE AVAILABILITY

August 1, 2007 to October 31, 2007 (3 Month Average)

Receipt Area		IT-R Service	Firm Service	Firm Service	% C D	
		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
	NWML3	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
	WRSY 26	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
R im b e y/N e v is	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⁾
	A vailab le ⁽²⁾	A vailable ⁽²⁾	Available	Restriction		
	(% of time)	(% of time)	(% of time)	(% of time)	Max	Average
Empress/McNeill	,	100	100	0	0	0
Alberta-BC		100	100	0	0	0

Gordondale 100

(1) Percentage of CD restricted during periods of restriction.

(3) Pertains to FS Restrictions.



0

100

0

⁽²⁾ Represents percent of time full IT-D nominated available, does not include availability during partial restrictions.

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

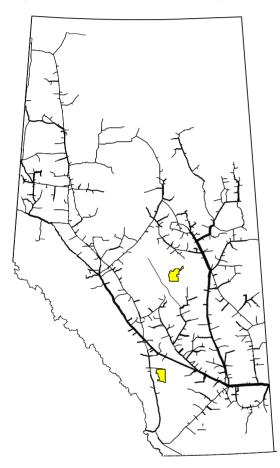
Firm Transportation Service Type	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Receipt - Summer construction (generally south of Edmonton)	November 1, 2006 November 1, 2007	November 2007 November 2008
Receipt - Winter construction (generally north of Edmonton)	April 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* (24 on the system) or *Design Area* (11 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 24 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 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.

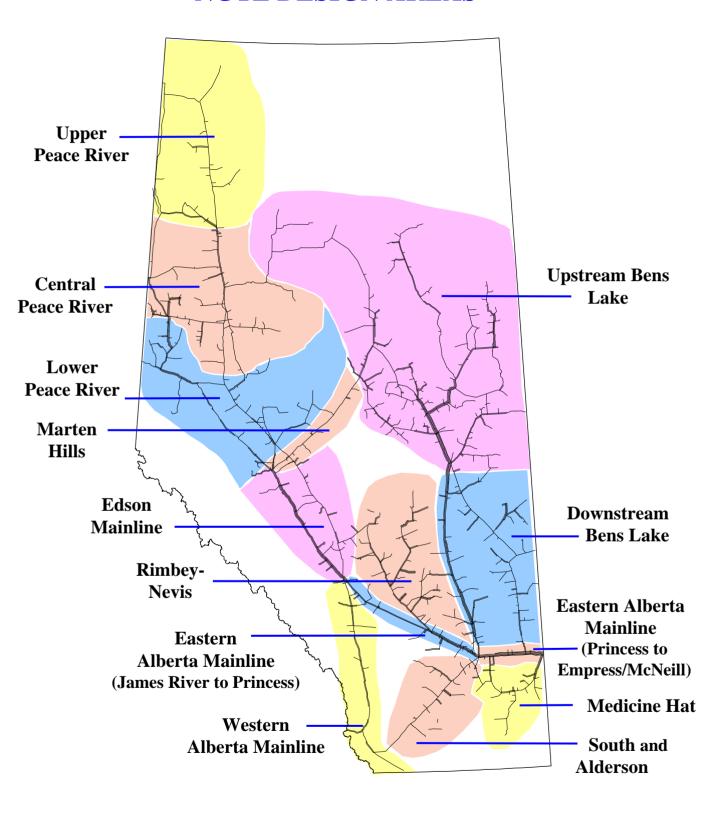
As a monthly feature the Historical Transportation Service Availability is shown as a three-month rolling average of transportation availability.

Future Firm Transportation Service Availability

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

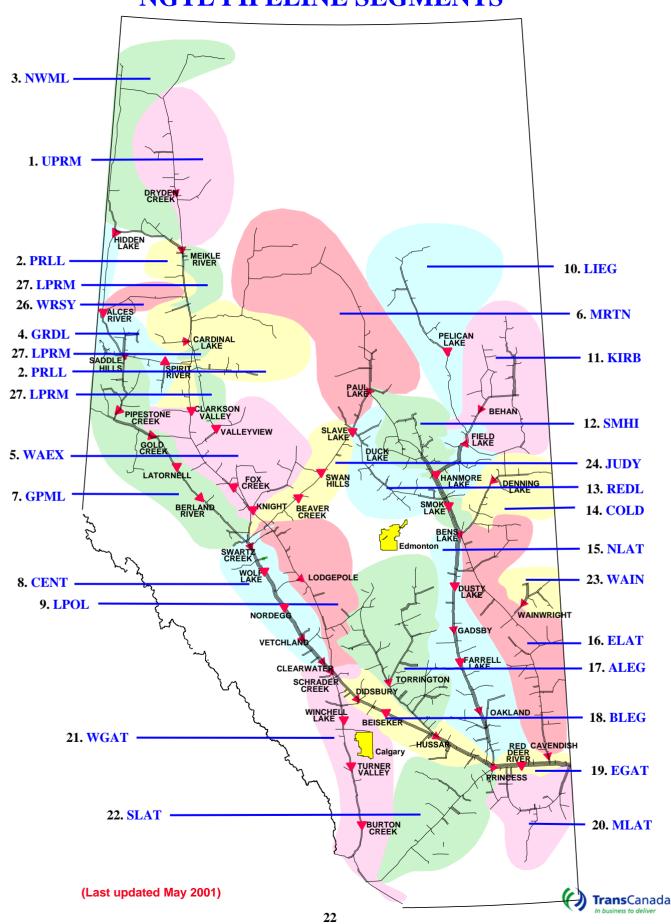


NGTL DESIGN AREAS





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

