SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending October, 2009

Published date:
January 12, 2010

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during April 2009 – October 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].
- System Average Load Factor for the 2009 summer period (i.e., April 2009 October 2009) was 122%.
- FT Receipt Availability over a 3 month average from August 1, 2009 October 31, 2009 was
 deemed to be 100% available in all pipe segments except UPRM which was deemed to be 72%
 available.
- Border Availability at Empress/McNeill, Gordondale and Alberta/BC, over a 3 month average from August 1, 2009 October 31, 2009, were all deemed 100% available.

NOVA Gas Transmission Ltd.



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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 NGTL Pipeline Segments

	Receipt			~ -g				Oct CD
Segment	Contract	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	(mmcf/d)
UPRM ⁴	FT	85%	82%	84%	84%	90%	86%	139
	FT + IT	105%	103%	97%	87%	93%	90%	109
LPRM ⁴	FT	92%	93%	92%	94%	93%	90%	19
	FT + IT	119%	143%	116%	131%	116%	107%	
PRLL 4	FT	95%	98%	97%	97%	96%	96%	175
	FT + IT	118%	123%	119%	117%	111%	110%	
NWML ⁴	FT	94%	98%	96%	96%	88%	94%	395
	FT + IT	105%	112%	104%	103%	93%	100%	
GRDL 4	FT	93%	90%	91%	89%	88%	90%	253
	FT + IT	123%	126%	127%	112%	107%	112%	
WRSY 4	FT	96%	97%	97%	97%	96%	96%	36
	FT + IT	139%	150%	154%	139%	122%	121%	
WAEX	FT	89%	91%	96%	93%	79%	82%	278
	FT + IT	150%	183%	168%	138%	112%	121%	
JUDY	FT	98%	97%	96%	97%	97%	97%	110
	FT + IT	123%	149%	145%	147%	121%	120%	
GPML	FT	95%	95%	92%	92%	88%	87%	2,049
CENT	FT + IT	111%	111%	106%	103%	96%	96%	064
CENT	\mathbf{FT} $\mathbf{FT} + \mathbf{IT}$	96% 118%	95% 122%	97% 124%	97% 119%	95% 115%	95% 1149/	964
LPOL	FT + II	94%	95%	94%	95%	95%	114% 96%	438
LFOL	FT + IT	123%	123%	119%	95% 117%	117%	119%	430
WGAT	FT	91%	86%	91%	93%	90%	91%	347
W 3.11	FT + IT	122%	112%	116%	121%	104%	119%	547
ALEG	FT	95%	96%	96%	96%	95%	95%	1,008
	FT + IT	126%	127%	128%	128%	119%	118%	,
SLAT	FT	97%	96%	97%	97%	97%	96%	265
	FT + IT	131%	125%	128%	128%	117%	114%	
MLAT	FT	94%	94%	96%	97%	97%	98%	265
	FT + IT	112%	111%	111%	108%	110%	110%	
BLEG	FT	97%	97%	97%	98%	97%	97%	617
	FT + IT	114%	115%	115%	115%	110%	107%	
EGAT	FT	94%	94%	96%	95%	96%	96%	50
A CD TO I	FT + IT	130%	130%	129%	133%	131%	139%	
MRTN	\mathbf{FT} $\mathbf{FT} + \mathbf{IT}$	90% 118%	89% 115%	88% 110%	89% 108%	83% 96%	88% 103%	144
LIEG	FT + II	82%	80%	80%	78%	84%	83%	111
LIEG	FT + IT	116%	114%	111%	111%	106%	107%	111
KIRB	FT	86%	83%	85%	86%	84%	87%	110
	FT + IT	110%	107%	106%	100%	94%	97%	
SMHI	FT	72%	72%	74%	78%	82%	87%	92
	FT + IT	132%	131%	134%	133%	116%	119%	
REDL	FT	78%	84%	86%	87%	86%	83%	67
	FT + IT	148%	147%	155%	158%	140%	146%	
COLD	FT	74%	73%	78%	75%	81%	80%	50
	FT + IT	126%	119%	124%	125%	110%	115%	
NLAT	FT	94%	93%	91%	91%	90%	91%	248
TT/ A TN/	FT + IT	126%	126%	120%	118%	118%	117%	10
WAIN	\mathbf{FT} $\mathbf{FT} + \mathbf{IT}$	89% 129%	90% 124%	89% 120%	89% 121%	86% 115%	85% 116%	19
ELAT	FT	95%	94%	94%	95%	92%	94%	157
LLAI	FT + IT	145%	144%	142%	139%	132%	134%	137
TOTAL SYSTEM	FT	94%	94%	93%	94%	91%	92%	8,406
	FT + IT	119%	121%	119%	115%	108%	109%	
Segment	Delivery							Oct CD
E	Contract	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	(GJ/d)
Empress	FT FT + IT	96% 124%	95% 112%	95% 104%	94% 104%	94% 106%	96% 112%	2,943,819
McNeill	FT + II	74%	93%	104%	97%	92%	82%	927,431
TVICTACIII	FT + IT	115%	162%	139%	127%	108%	110%	921,431
ABC	FT	61%	49%	81%	89%	92%	86%	2,479,585
	FT + IT	62%	49%	88%	96%	99%	86%	_, ,

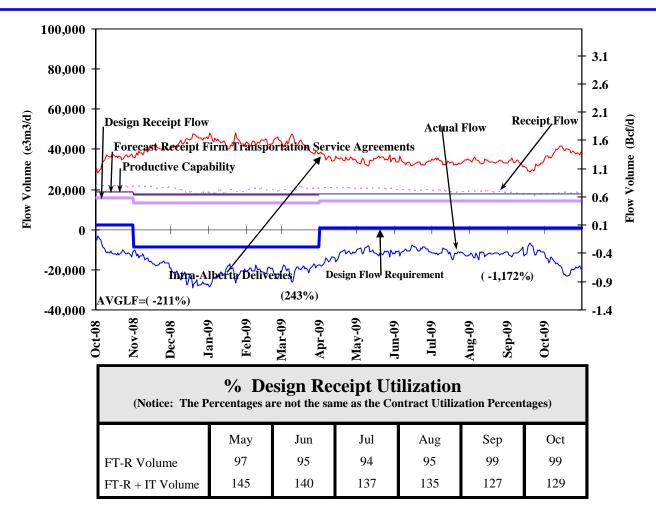
*NOTE

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

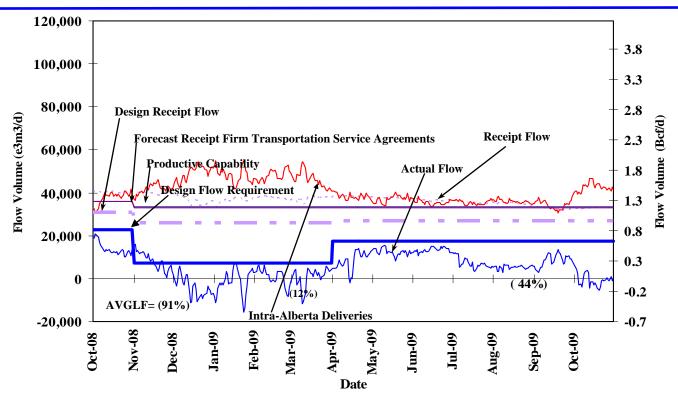


	% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	May	Jun	Jul	Aug	Sep	Oct		
Design Capacity	-1020	-940	-1106	-1140	-1013	-1711		





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



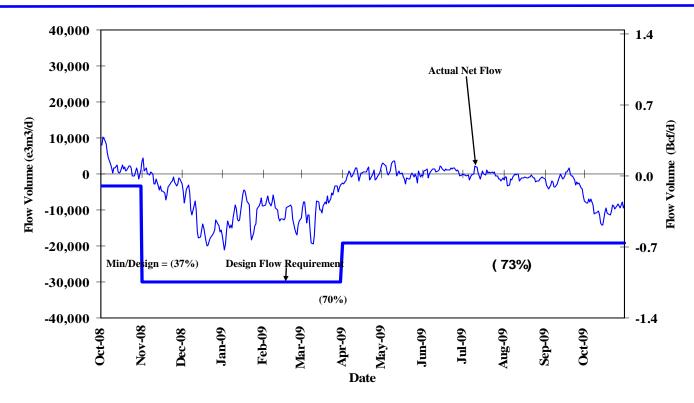
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)								
	May	Jun	Jul	Aug	Sep	October		
FT Volume	96	94	93	93	92	93		
FT-R + IT Volume	140	136	132	130	121	122		

	Design Fl verage Actual	_				ts
Average Flow/	M ay	Jun	Jul	Aug	Sep	Oct
Design Capacity	71	76	41	30	48	-3





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

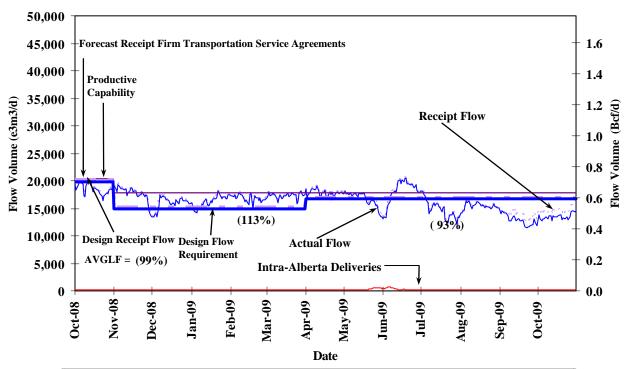


% Design Flow Requirements Utilization Monthly Actual Minimum Net Flow as a Percentage of Design Net Flow Design Flow Requirement								
Minimum Flow/	May	Jun	Jul	Aug	Sep	Oct 73		
Design Net Flow	14	6	10	17	31			





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



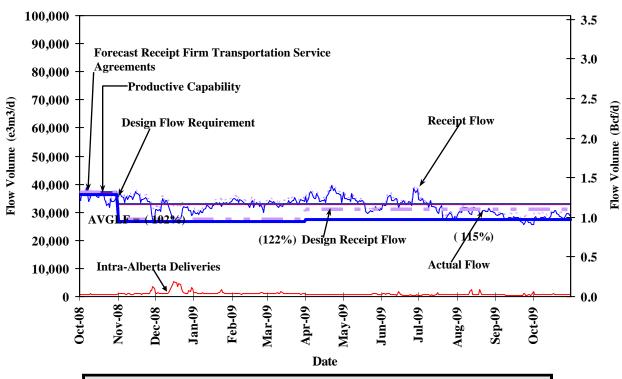
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)								
	May	Jun	Jul	Aug	Sep	Oct		
FT Volume	88	94	80	87	78	82		
FT-R + IT Volume	101	109	88	92	82	87		

% Do Monthly Ave	•	_	uiremen rcentage of D			ents
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	100	108	89	92	77	81





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER



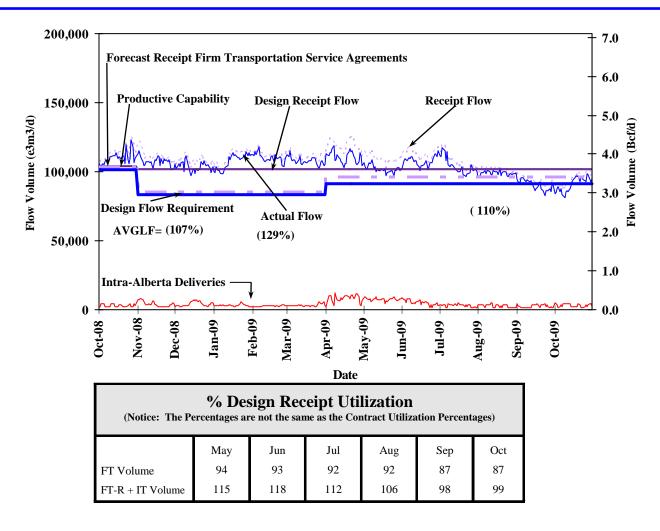
(Notice: The Po	% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)								
	May	Jun	Jul	Aug	Sep	Oct			
FT Volume	90	90	84	87	84	86			
FT-R + IT Volume	109	113	102	101	94	97			

% 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	120	125	113	112	101	104	





DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER

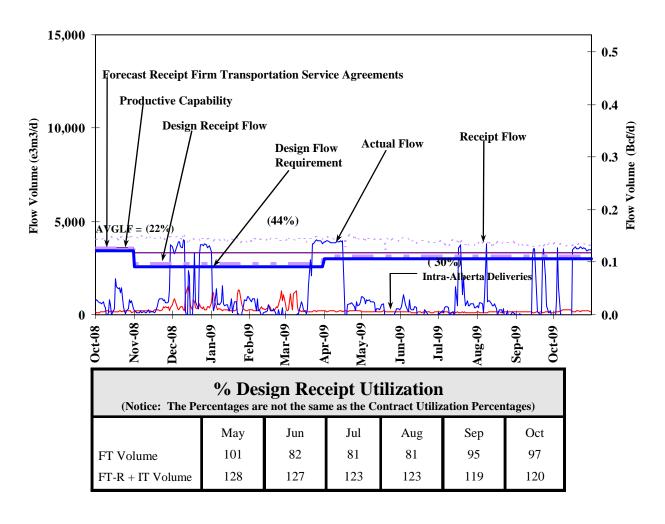


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	112	118	114	108	99	100





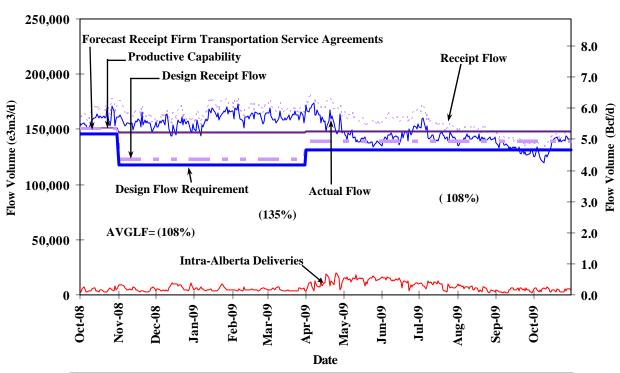
DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



	% 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	12	-2	26	15	21	59			



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



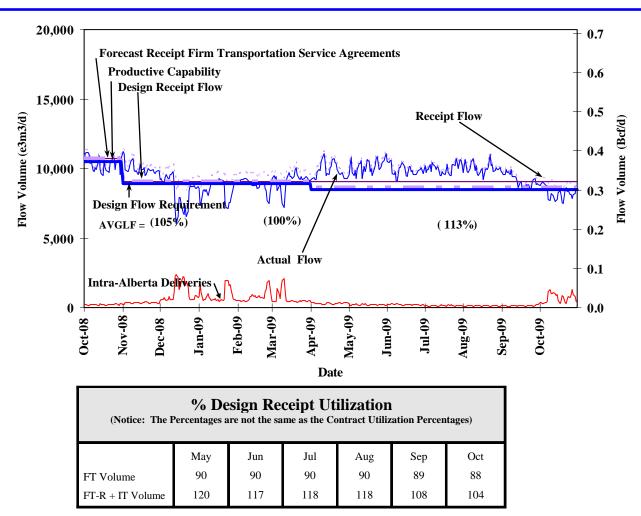
% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)							
	May	Jun	Jul	Aug	Sep	Oct	
FT Volume	91	89	89	90	87	86	
FT-R + IT Volume	113	114	111	107	100	100	

% 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	107	110	110	107	101	102





DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON

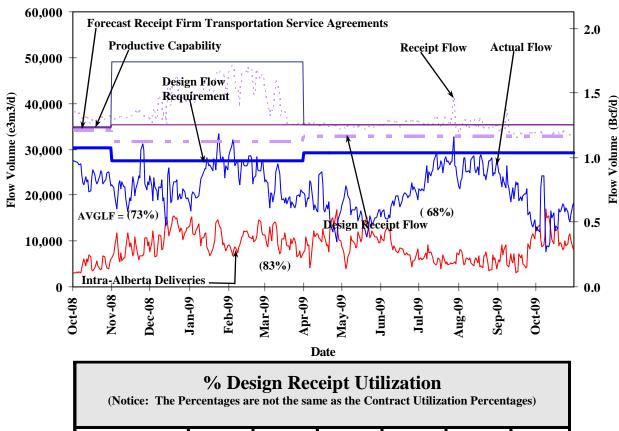


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	119	116	118	118	108	97





DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS



(Notice: The Po	% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)							
	May	Jun	Jul	Aug	Sep	Oct		
FT Volume	82	85	85	84	83	82		
FT-R + IT Volume	109	114	113	112	104	102		

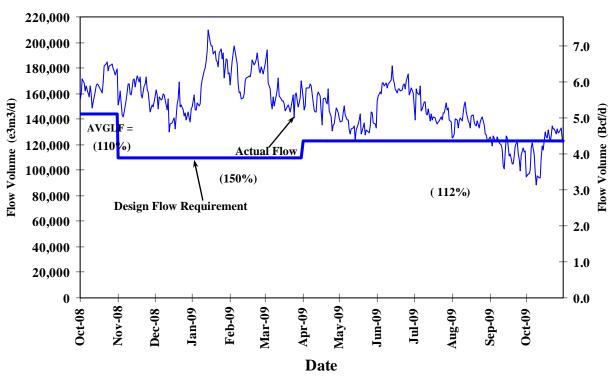
% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	55	64	88	88	70	52



DESIGN FLOW REQUIREMENTS UTILIZATION EASTERN ALBERTA MAINLINE



(James River to Princess)

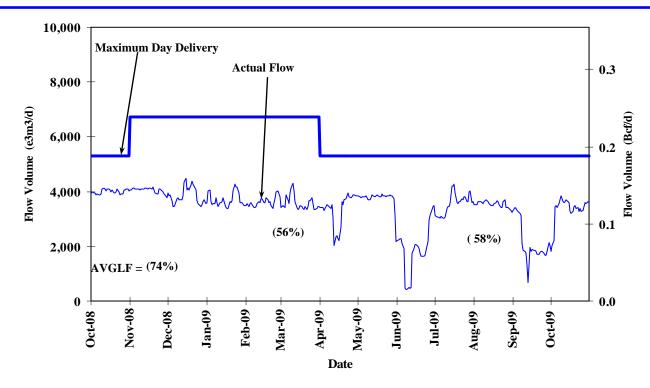


% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/	May	Jun	Jul	Aug	Sep	Oct
Design Capacity	110	134	118	111	94	95





DESIGN FLOW REQUIREMENTS UTILIZATION MEDICINE HAT



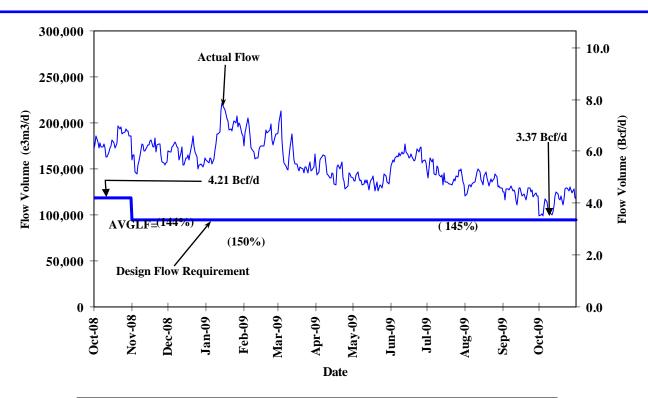
Design flow for the Medicine Hat area is the net flow to the area deliveries. Since all deliveries are intra-Alberta deliveries there are no Firm Service Delivery contracts in effect for this area. Consequently, contract utilization values are not available.



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	108	133	130	122	113	101	
FT ¹ + IT Volume	144	172	152	143	129	121	

NOTE:

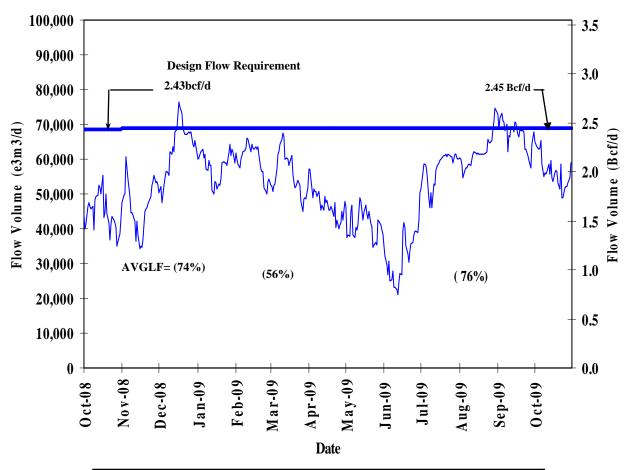
Utilization data is based upon billed monthly volumes expressed as a percentage of seasonal design delivery flow at Empress and McNeill Export delivery points.

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)							
	May	Jun	Jul	Aug	Sep	Oct	
FT ¹ Volume	59	46	76	83	90	81	
FT ¹ + IT Volume	60	47	83	90	97	82	

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

August 1, 2009 to October 31, 2009 (3 Month Average)

•	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	5	72	28	20	10	NPS 20 Peace River Mainline Incident and Inspection
		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	
		SMHI 12	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 Res	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	
•	Alberta-BC		100	100	0	0	0	
I) F	Gordondale		100	100	0	0	0	
, ,	-	J						

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



⁽³⁾ Pertains to FS 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, 2009	November 2011		

Estimated Firm Transportation Service Availability

Please refer to the following web site for current FT-R Availability Map:

http://www.transcanada.com/Customer_ Express/capacity/external_map.pdf

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)	July 1, 2009	November 2010
Receipt - Winter construction (generally north of Edmonton)	November 2009	April 2011

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.



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.

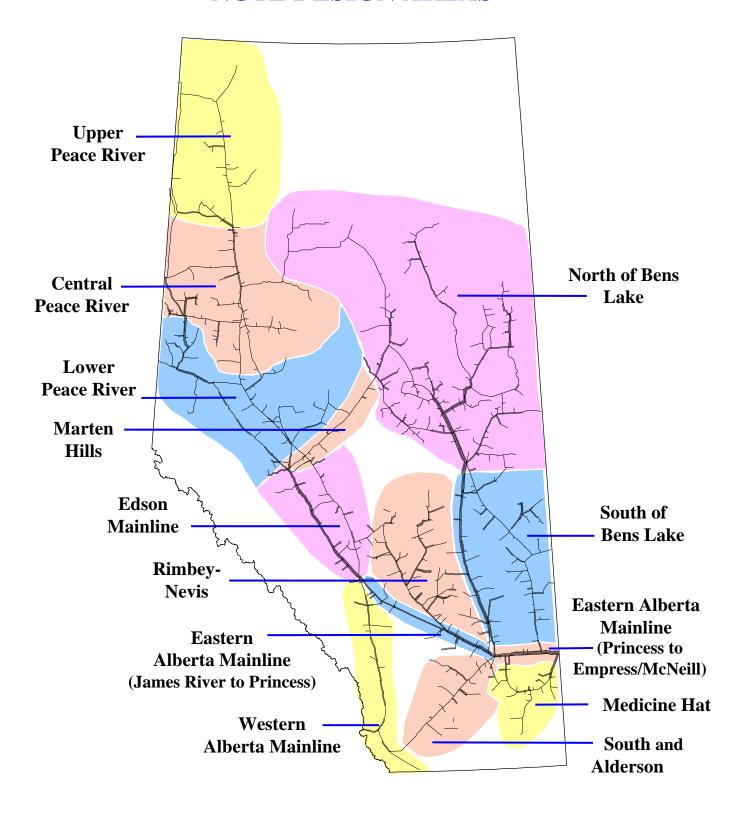
As a monthly feature the Historical Transportation Service Availability is shown as a three-month rolling average of transportation availability.

Future Firm Transportation Service Availability

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

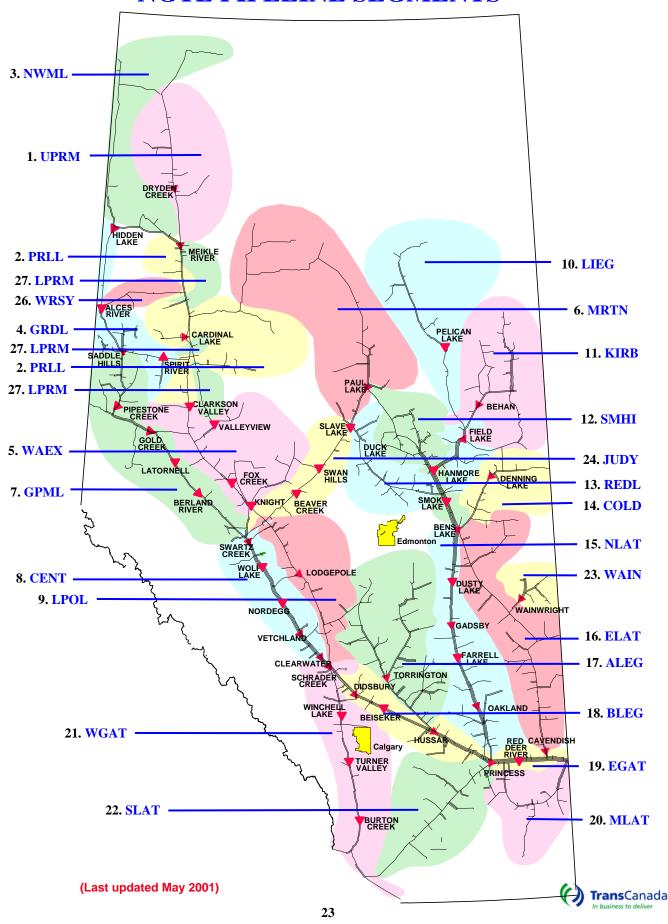


NGTL DESIGN AREAS





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

