

SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending
July, 2008

Published date:
December 16, 2008

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during April 2008 – July 2008 [i.e. Upper Peace River, Upper and Central Peace River, Peace River Design, 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].
- FT Receipt Availability over a 3 month average from May 1, 2008 – July 31, 2008 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 May 1, 2008 – July 31, 2008, 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.

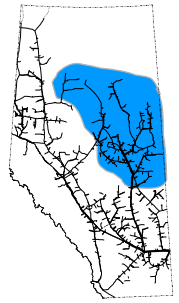
FIRM TRANSPORTATION SERVICE¹ CONTRACT UTILIZATION²

By NGTL Pipeline Segments

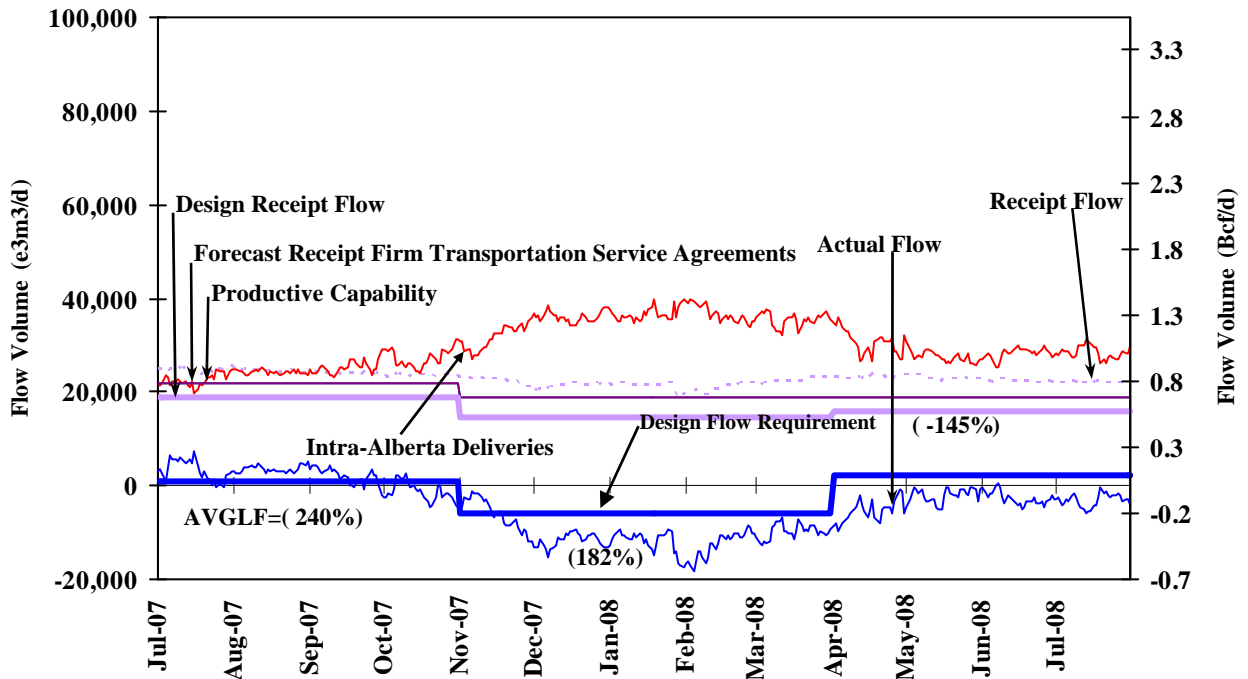
Segment	Receipt Contract	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	July CD (mmcf/d)
UPRM ⁴	FT	86%	95%	96%	93%	87%	95%	162
	FT + IT	90%	111%	111%	113%	99%	111%	
LPRM ⁴	FT	81%	92%	96%	96%	97%	96%	23
	FT + IT	98%	113%	130%	133%	124%	123%	
PRLL ⁴	FT	91%	93%	94%	90%	93%	93%	206
	FT + IT	106%	108%	111%	107%	110%	114%	
NWML ⁴	FT	92%	96%	96%	96%	96%	98%	467
	FT + IT	99%	106%	118%	116%	112%	113%	
GRDL ⁴	FT	89%	91%	91%	91%	87%	89%	300
	FT + IT	108%	108%	115%	116%	111%	128%	
WRSY ⁴	FT	91%	94%	94%	90%	88%	93%	37
	FT + IT	131%	143%	160%	147%	136%	135%	
WAEX	FT	88%	92%	93%	92%	90%	94%	274
	FT + IT	120%	144%	154%	165%	143%	179%	
JUDY	FT	97%	99%	98%	98%	91%	87%	93
	FT + IT	134%	138%	140%	147%	140%	133%	
GPML	FT	92%	92%	93%	94%	91%	94%	1,963
	FT + IT	104%	108%	115%	114%	107%	116%	
CENT	FT	96%	96%	96%	95%	94%	96%	1,082
	FT + IT	110%	112%	117%	114%	110%	118%	
LPOL	FT	95%	95%	96%	96%	95%	97%	486
	FT + IT	120%	123%	128%	125%	125%	128%	
WGAT	FT	81%	90%	91%	85%	90%	92%	383
	FT + IT	100%	113%	112%	106%	122%	115%	
ALEG	FT	93%	94%	94%	92%	94%	95%	1,116
	FT + IT	130%	114%	117%	114%	121%	124%	
SLAT	FT	86%	88%	94%	95%	89%	94%	284
	FT + IT	107%	112%	118%	133%	144%	137%	
MLAT	FT	92%	92%	92%	90%	90%	90%	292
	FT + IT	104%	108%	112%	109%	108%	106%	
BLEG	FT	96%	95%	91%	91%	92%	93%	650
	FT + IT	105%	109%	106%	109%	114%	113%	
EGAT	FT	90%	93%	94%	94%	94%	92%	56
	FT + IT	112%	119%	129%	123%	122%	120%	
MRTN	FT	89%	94%	91%	96%	95%	96%	165
	FT + IT	97%	108%	116%	118%	114%	114%	
LIEG	FT	79%	82%	85%	84%	83%	89%	80
	FT + IT	110%	127%	138%	137%	137%	166%	
KIRB	FT	90%	92%	91%	88%	88%	80%	107
	FT + IT	104%	108%	149%	150%	134%	123%	
SMHI	FT	91%	92%	84%	86%	83%	82%	121
	FT + IT	123%	129%	114%	121%	123%	116%	
REDL	FT	90%	94%	90%	90%	88%	88%	82
	FT + IT	124%	130%	130%	130%	135%	144%	
COLD	FT	84%	87%	93%	89%	91%	88%	60
	FT + IT	103%	109%	115%	113%	113%	110%	
NLAT	FT	91%	92%	94%	93%	92%	93%	310
	FT + IT	116%	119%	129%	129%	127%	125%	
WAIN	FT	87%	93%	96%	98%	96%	95%	20
	FT + IT	134%	151%	156%	154%	147%	139%	
ELAT	FT	88%	93%	93%	93%	94%	93%	192
	FT + IT	123%	133%	137%	135%	138%	137%	
TOTAL SYSTEM	FT	92%	93%	94%	93%	92%	94%	9,013
	FT + IT	111%	114%	119%	119%	117%	122%	
Segment	Delivery Contract	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	July CD (GJ/d)
Empress	FT	100%	100%	100%	99%	100%	99%	4,597,536
	FT + IT	114%	112%	113%	122%	124%	114%	
McNeill	FT	97%	96%	83%	78%	73%	82%	1,384,568
	FT + IT	106%	104%	94%	90%	81%	106%	
ABC	FT	85%	82%	90%	70%	67%	75%	2,523,502
	FT + IT	85%	82%	94%	70%	67%	76%	

*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

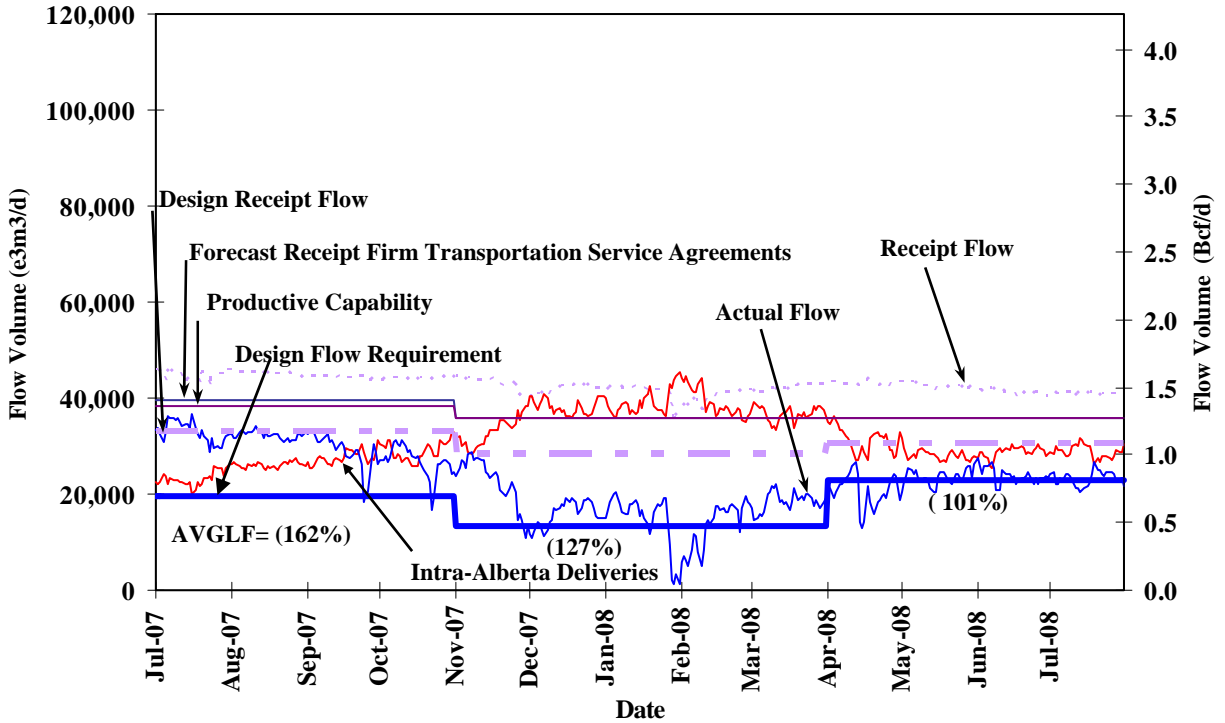
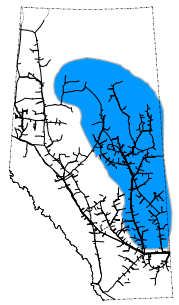


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT-R Volume	115	119	103	102	99	97
FT-R + IT Volume	143	154	146	145	140	139

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	221	171	-238	-91	-118	-136

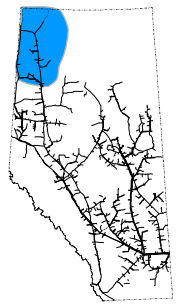
DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE



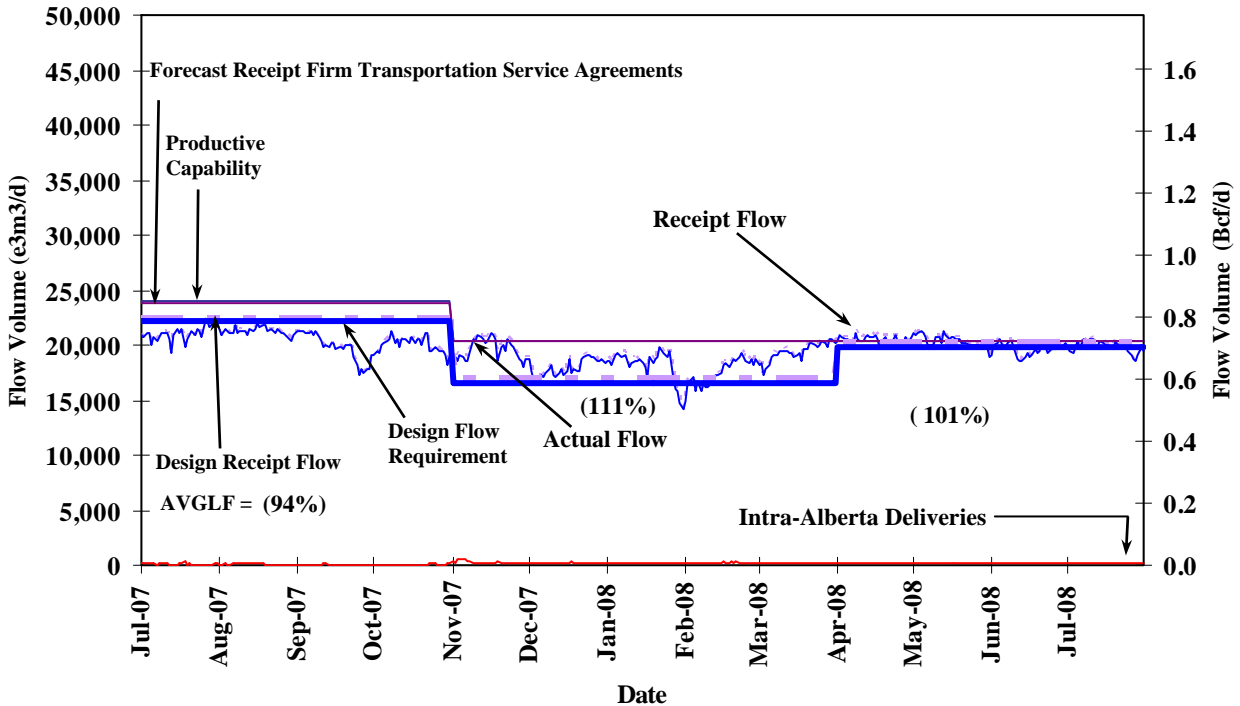
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	111	113	99	98	95	94
FT-R + IT Volume	143	150	140	139	135	134

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
	Feb	Mar	Apr	May	Jun	Jul
Average Flow/ Design Capacity	100	137	91	103	105	102



DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER

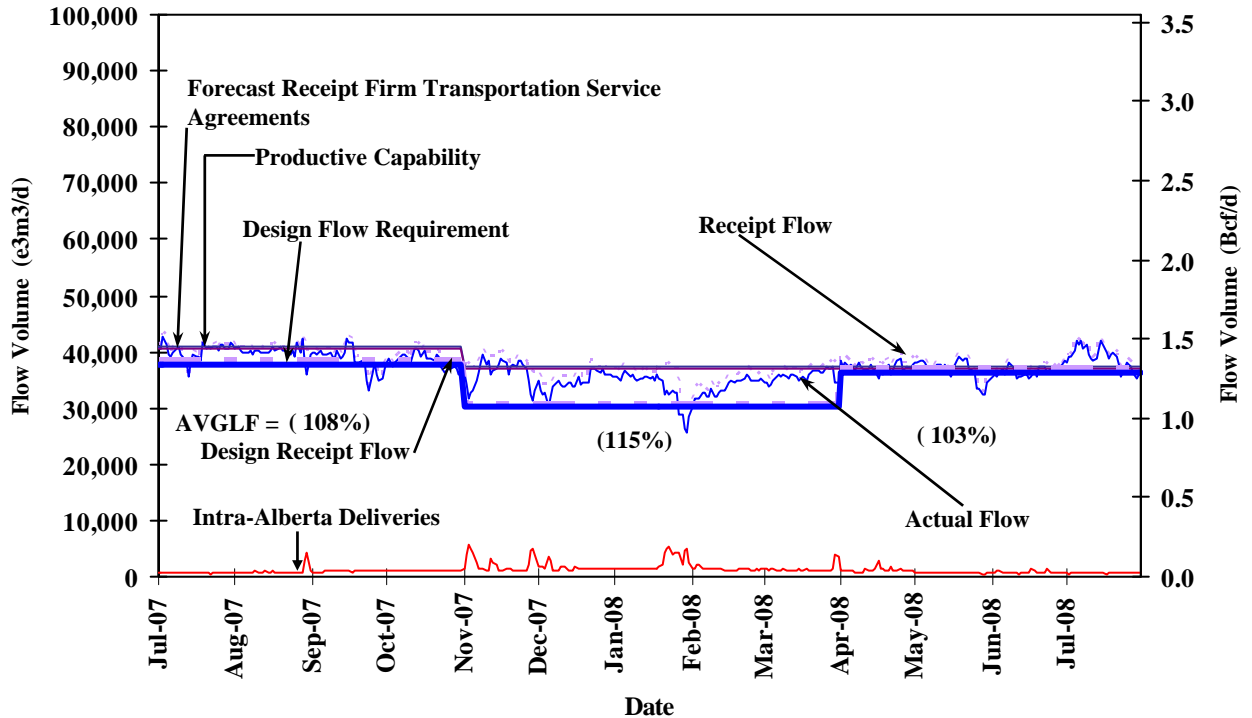
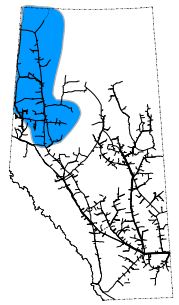


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	98	104	85	84	85	85
FT-R + IT Volume	105	116	103	102	98	99

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	105	117	103	103	99	100

DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER

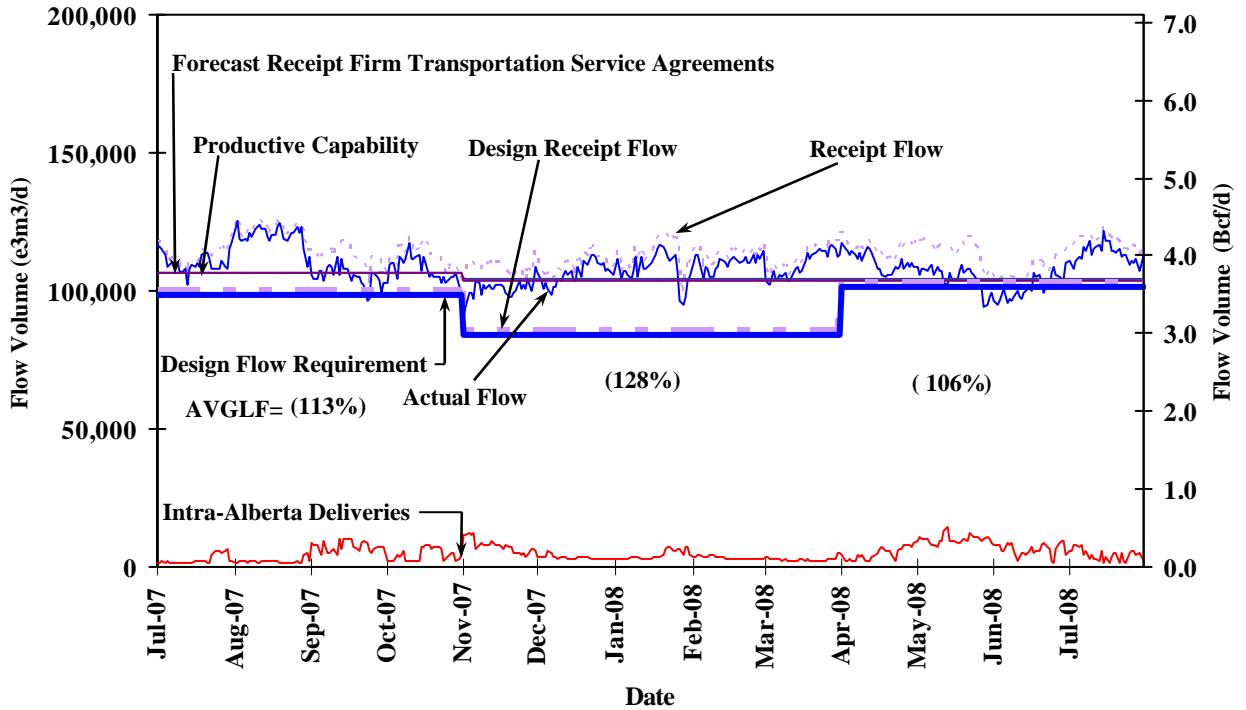
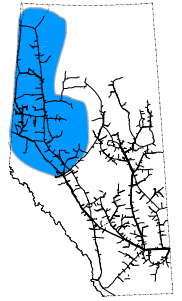


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	100	104	84	82	84	86
FT-R + IT Volume	114	120	104	102	101	107

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	112	118	102	101	100	107

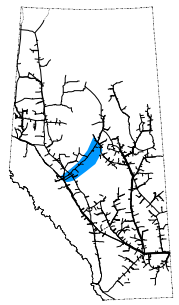
DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER



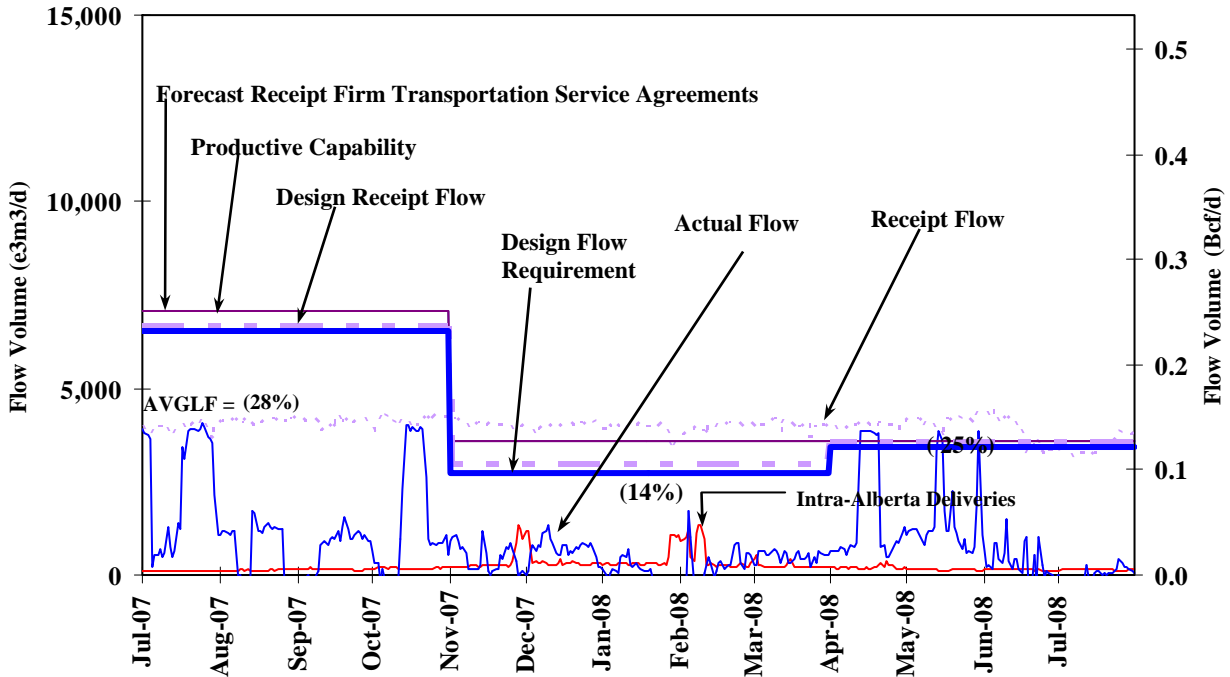
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	106	108	88	88	86	88
FT-R + IT Volume	123	130	112	111	104	114

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	132	131	109	103	100	112



DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS

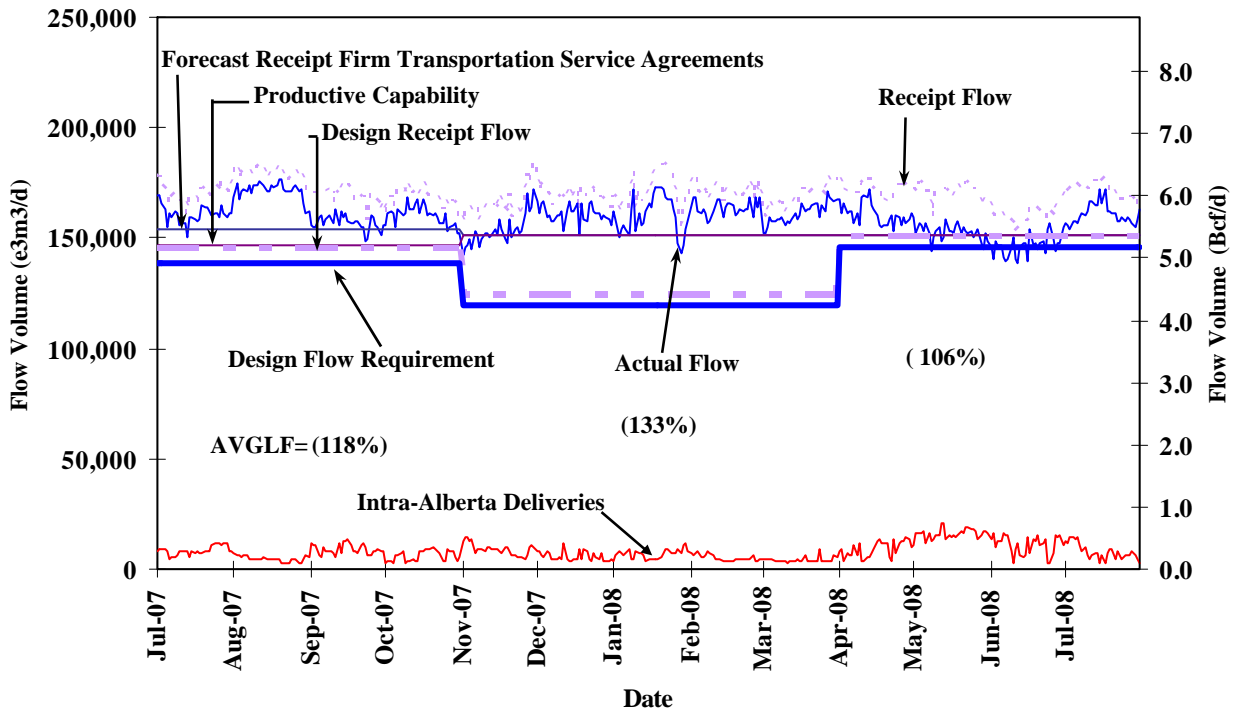
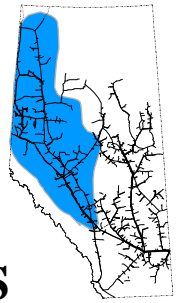


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	98	98	79	78	70	64
FT-R + IT Volume	135	137	113	116	107	97

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	10	19	47	42	10	0

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

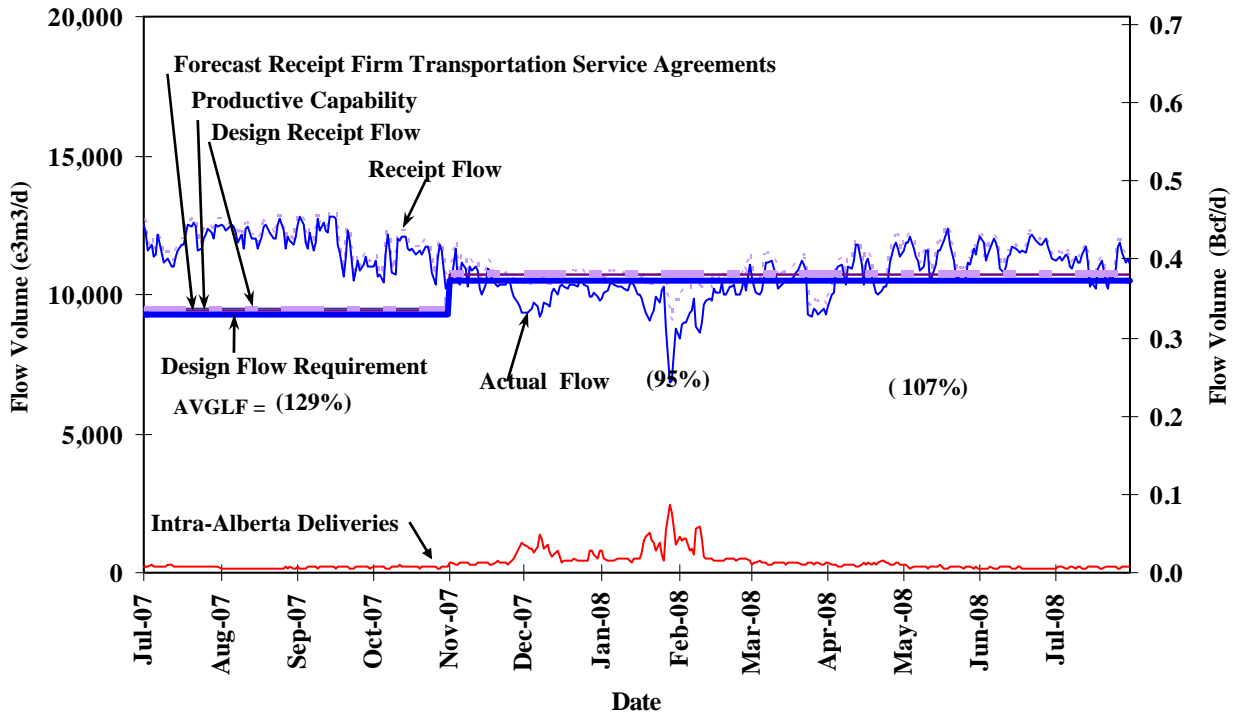
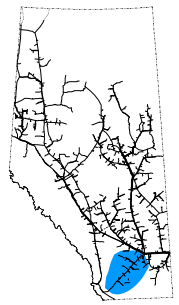


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	107	109	89	89	86	87
FT-R + IT Volume	126	131	113	112	105	113

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	137	134	110	105	100	110

DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON

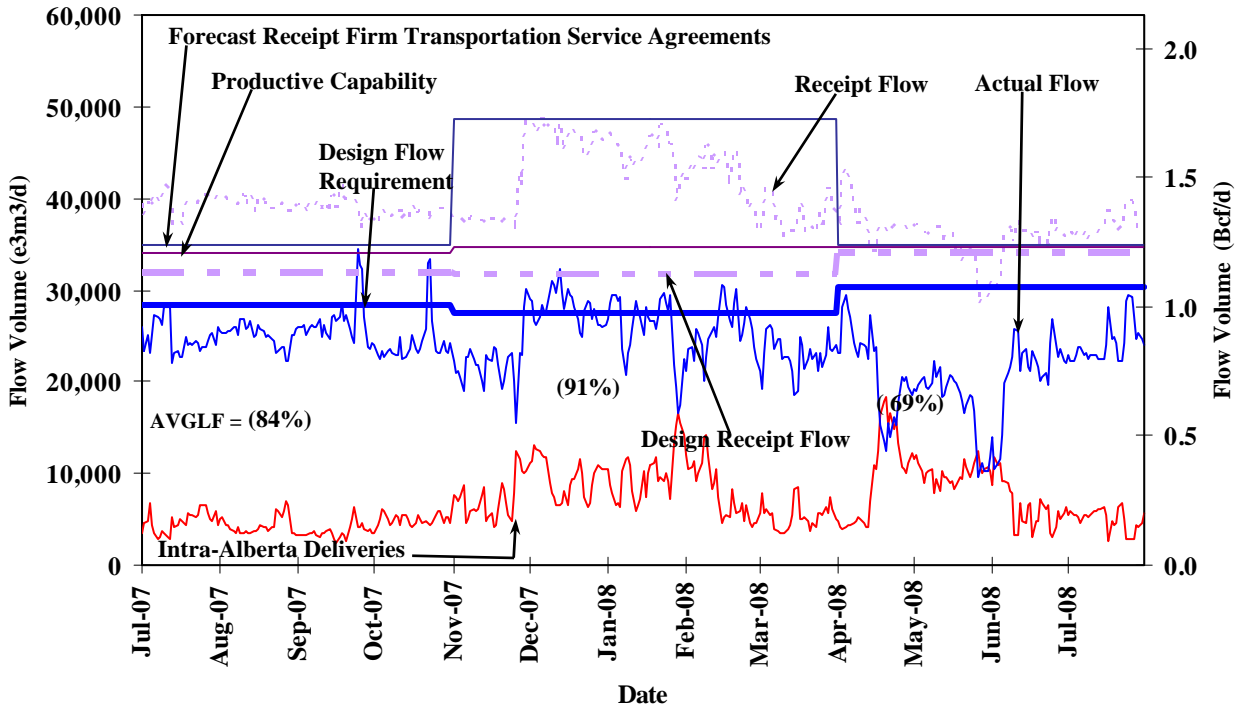
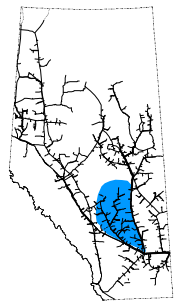


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	80	79	83	77	69	73
FT-R + IT Volume	98	100	104	108	110	105

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.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	93	98	103	108	110	105

DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS

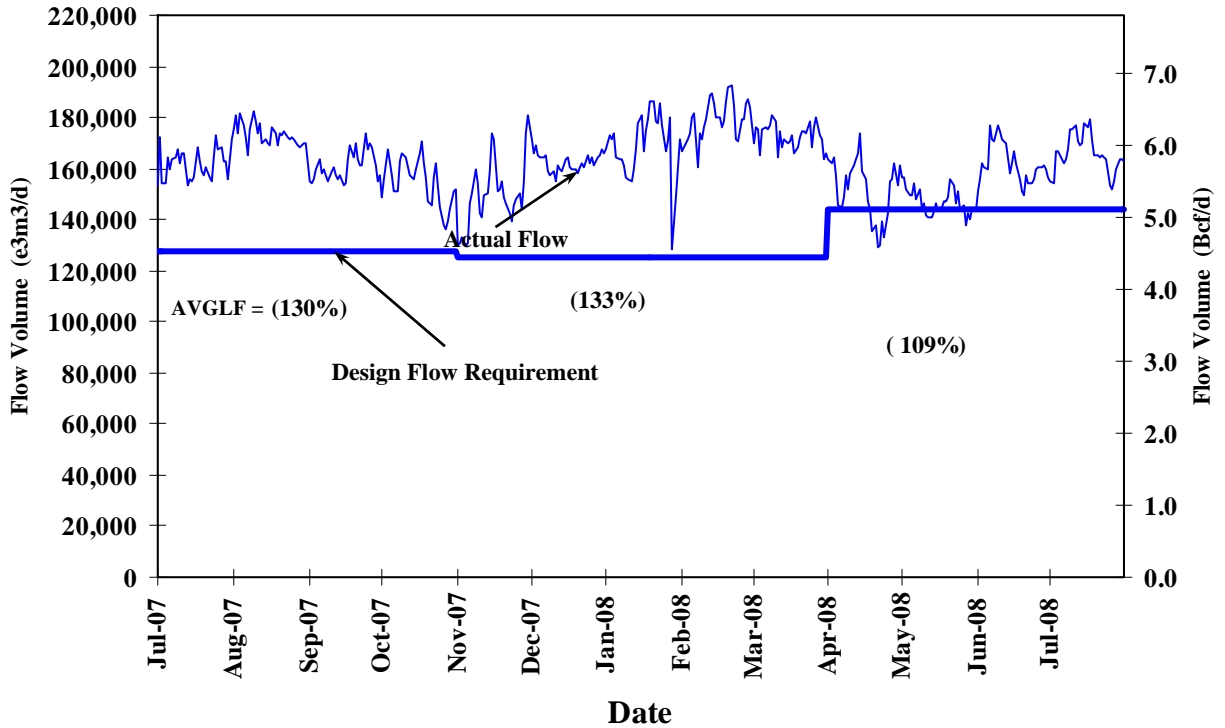
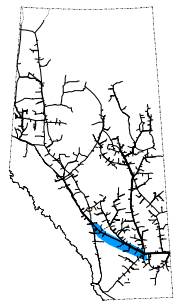


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Feb	Mar	Apr	May	Jun	Jul
FT Volume	95	96	88	85	87	87
FT-R + IT Volume	133	115	109	106	112	115

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.

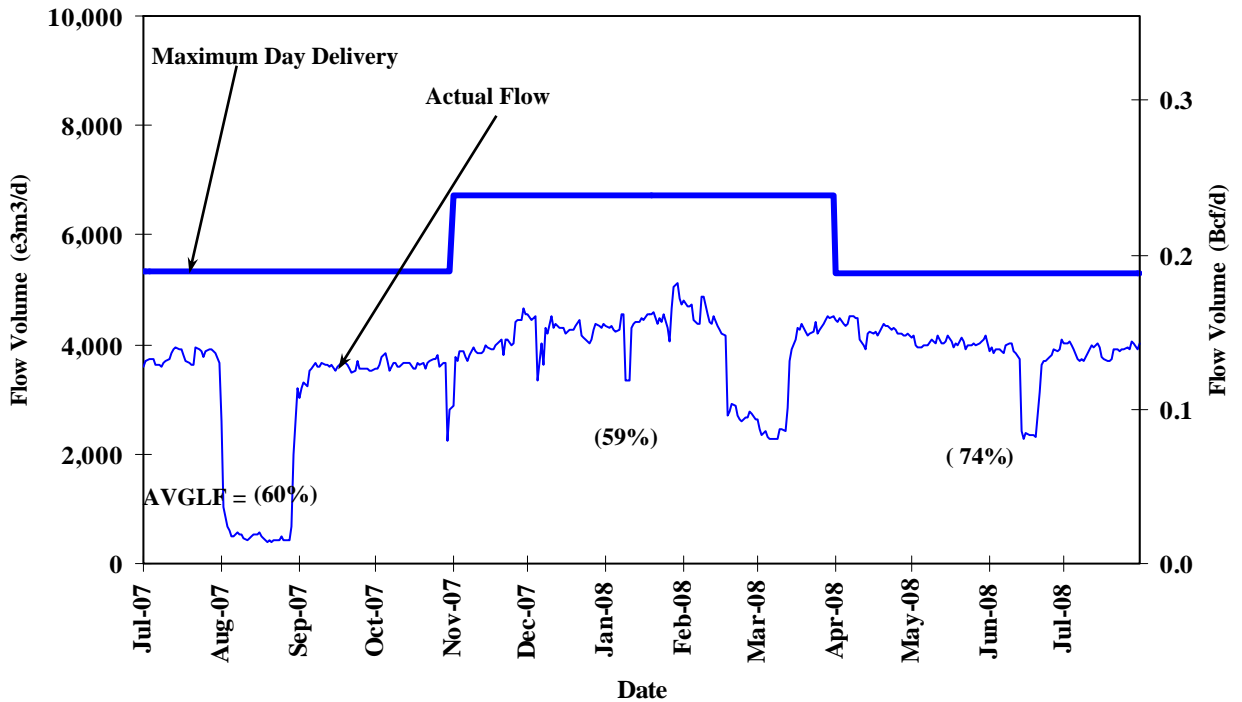
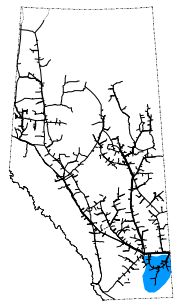
% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	93	83	70	58	68	80

DESIGN FLOW REQUIREMENTS UTILIZATION EASTERN ALBERTA MAINLINE (James River to Princess)



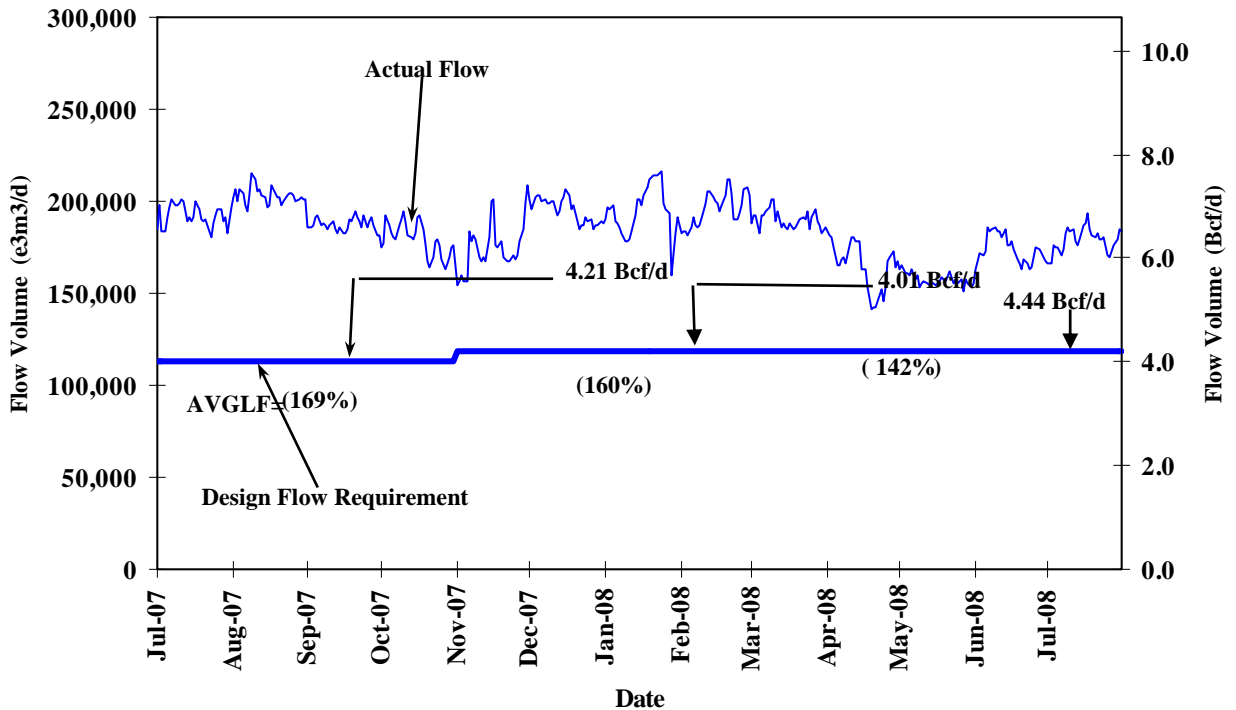
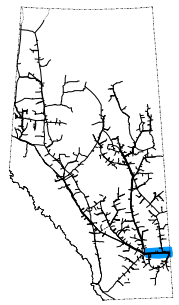
% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Feb	Mar	Apr	May	Jun	Jul
	143	138	105	102	112	115

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)



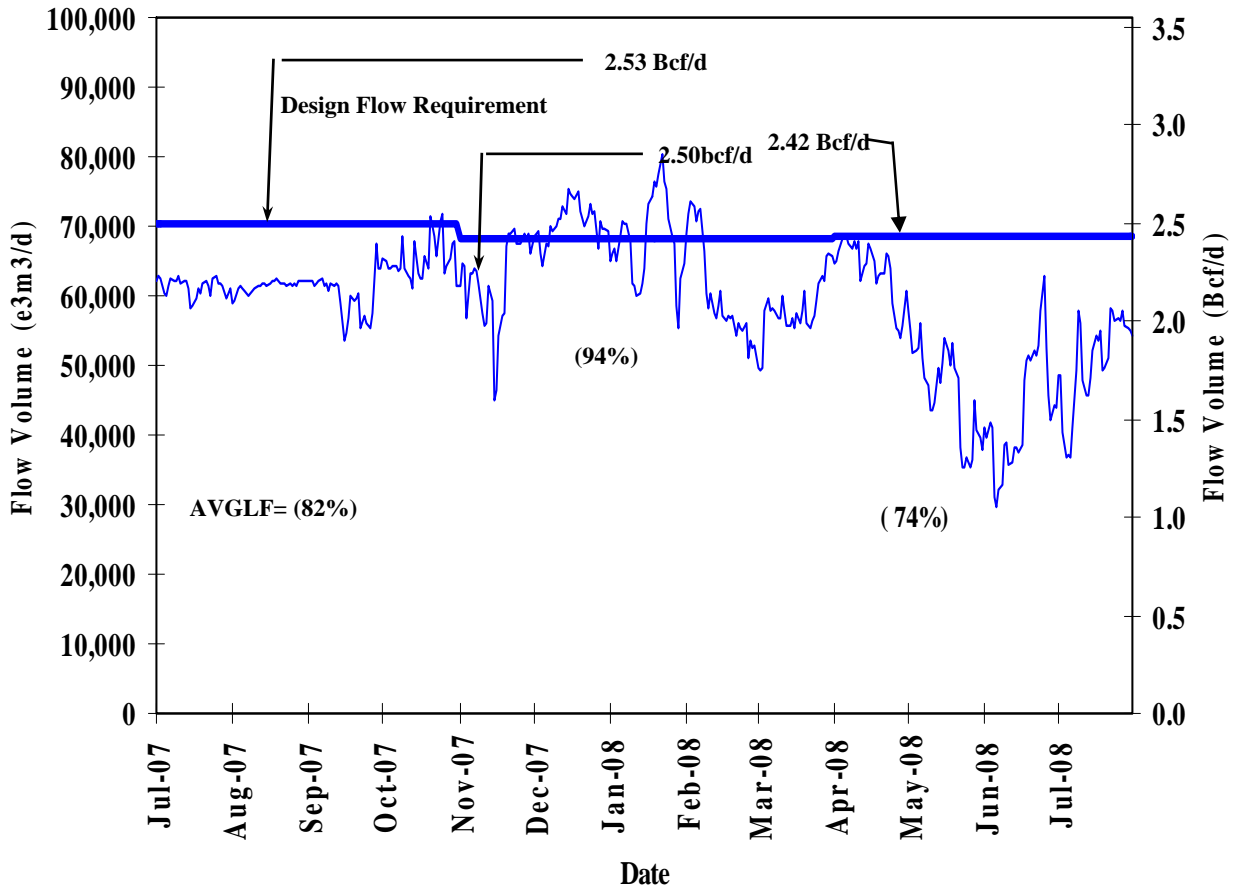
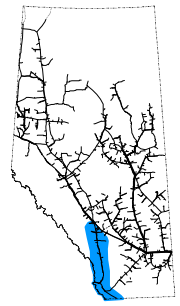
% Design Delivery Utilization (Notice: Average Actual Flow as a Percentage of Design Flow Requirements)						
	Feb	Mar	Apr	May	Jun	Jul
FT ¹ Volume	146	144	123	110	118	128
FT ¹ + IT Volume	164	160	139	133	144	151

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)						
	Feb	Mar	Apr	May	Jun	Jul
FT ¹ Volume	88	84	90	68	65	73
FT ¹ + IT Volume	89	85	93	68	65	74

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

May 1, 2008 to July 31, 2008 (3 Month Average)

Receipt Area	Segment	IT-R Service	Firm Service	Firm Service	% CD		Causes/Comments ⁽³⁾
		Available	Available	Restriction	Restricted ⁽¹⁾		
		(% 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	
	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 of Bens Lake	LIEG 10	100	100	0	0	0	
	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 Bens Lake	NLAT 15	100	100	0	0	0	
	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	Available ⁽²⁾	IT-D Service	Firm Service	Firm Service	% CD Restricted ⁽¹⁾		Causes/Comments ⁽³⁾
		Available ⁽²⁾	Available	Restriction	Restricted ⁽¹⁾		
		(% of time)	(% of time)	(% of time)	Max	Average	
Empress/McNeill		100	100	0	0	0	
Alberta-BC		100	100	0	0	0	
Gordondale		100	100	0	0	0	

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

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

Receipt Firm Transportation Guidelines

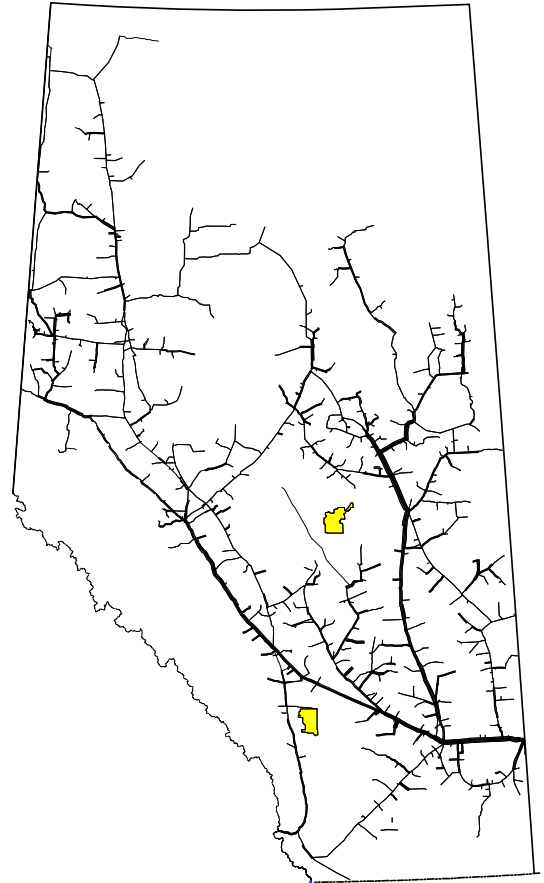
Firm Transportation Service Type	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Receipt - Summer construction (generally south of Edmonton)	November 1, 2006	November 2007
	November 1, 2007	November 2008
Receipt - Winter construction (generally north of Edmonton)	April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

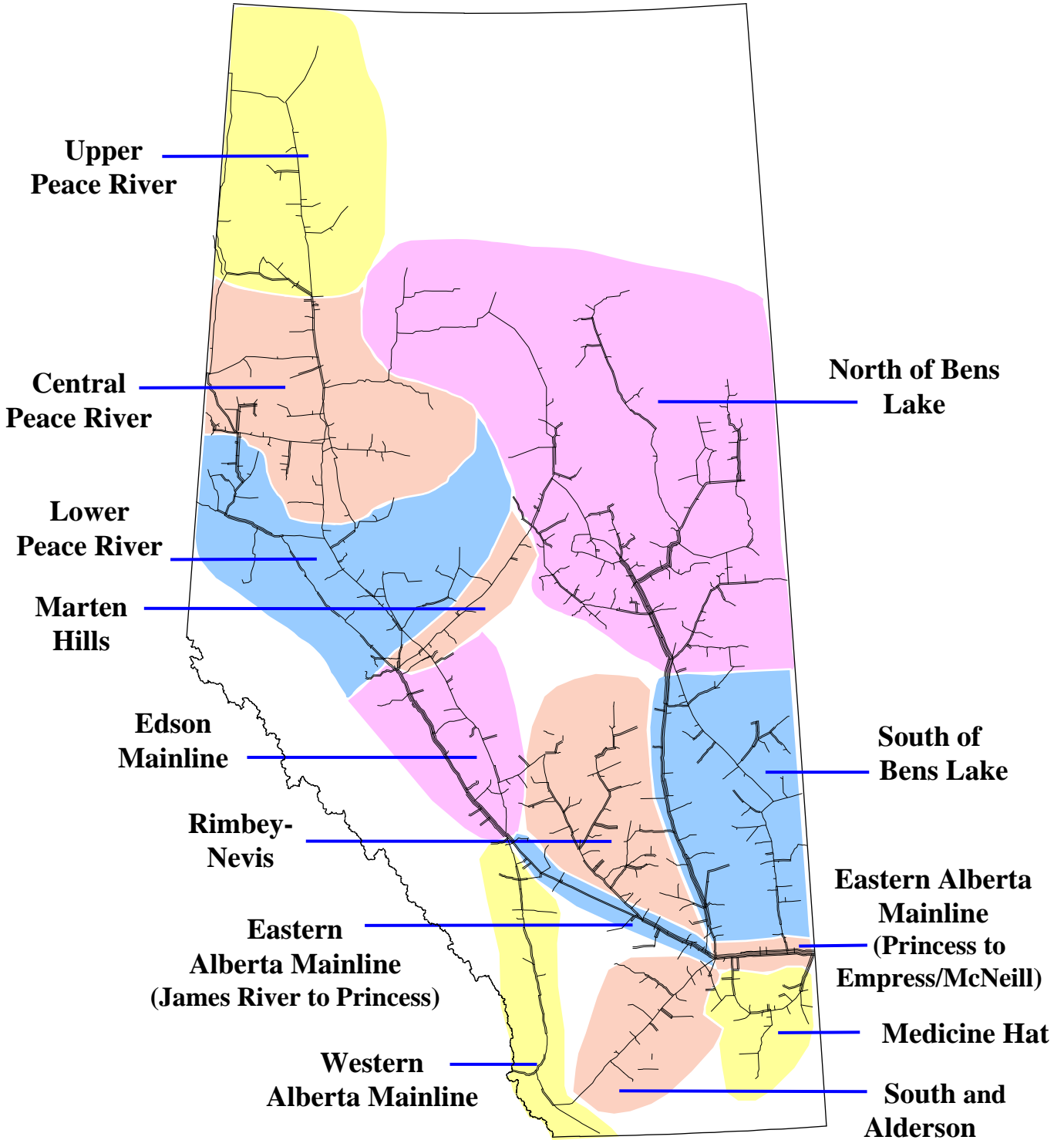
Service availability is affected by a number of factors including scheduled and unscheduled maintenance, construction or other outages.

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

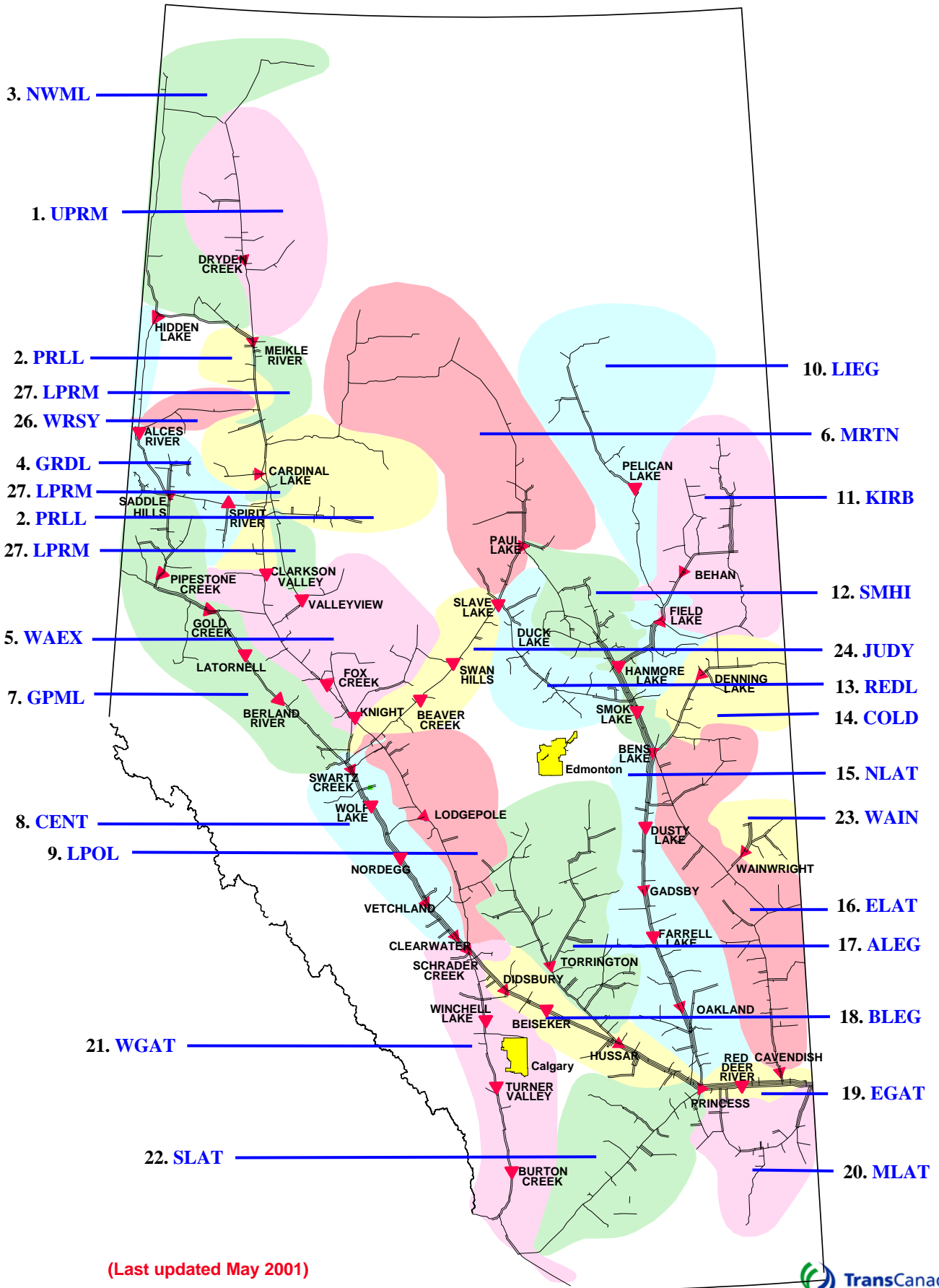
The Future Firm Transportation Service Availability report presents guidelines and timing for all future firm transportation service requests.

NGTL DESIGN AREAS



(Last updated January 2007)

NGTL PIPELINE SEGMENTS



(Last updated May 2001)

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