

SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending
August, 2007

Published date:
February 19, 2008

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during April, 2007 - August, 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].
- FT Receipt Availability over a 3 month average from June 1, 2007 – August 31, 2007 was deemed to be 100% available in all pipe segment except UPRM which was deemed to be 97% available.
- Border Availability at Empress/McNeill, Gordondale and Alberta/BC, over a 3 month average from June 1, 2007 – August 31, 2007, were all deemed 100% available.

NOVA Gas Transmission Ltd.

TABLE OF CONTENTS

<u>MONTHLY FEATURES</u>	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	6
Upper & Central Peace River	7
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	14
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	19
<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).

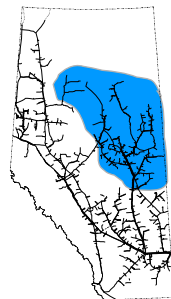
FIRM TRANSPORTATION SERVICE¹ CONTRACT UTILIZATION²

By NGTL Pipeline Segments

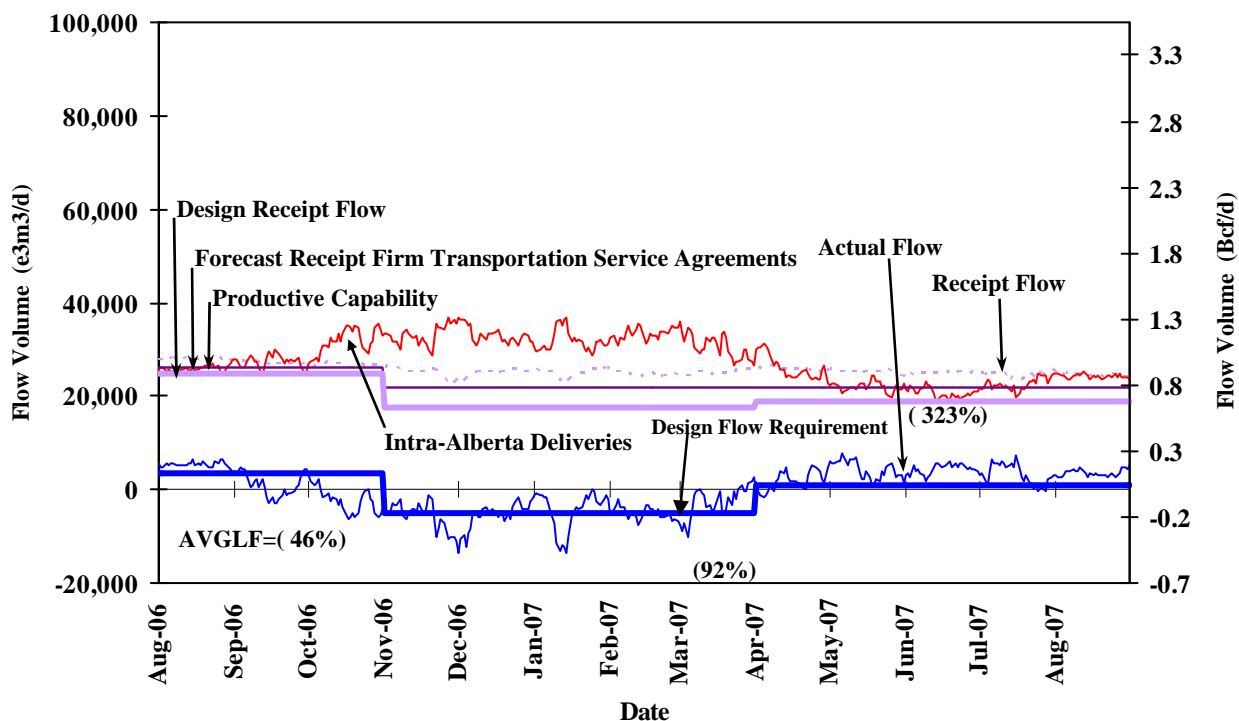
Segment	Receipt Contract	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Aug CD (m mcf/d)
UPRM ⁴	FT	81%	87%	87%	86%	93%	94%	197
	FT + IT	85%	94%	93%	90%	98%	101%	
LPRM ⁴	FT	96%	95%	95%	95%	96%	95%	25
	FT + IT	139%	146%	139%	141%	130%	132%	
PRL ⁴	FT	92%	92%	91%	90%	92%	92%	230
	FT + IT	116%	118%	115%	114%	115%	115%	
NWML ⁴	FT	96%	96%	91%	95%	93%	95%	540
	FT + IT	103%	107%	101%	104%	102%	103%	
GRDL ⁴	FT	94%	94%	94%	90%	86%	89%	296
	FT + IT	118%	127%	117%	118%	110%	116%	
WRSY ⁴	FT	94%	95%	97%	95%	95%	95%	34
	FT + IT	132%	157%	158%	149%	168%	165%	
WAEX	FT	93%	93%	91%	91%	86%	91%	341
	FT + IT	144%	162%	144%	151%	132%	149%	
JUDY	FT	94%	95%	97%	99%	97%	97%	107
	FT + IT	121%	118%	129%	130%	131%	138%	
GPML	FT	95%	93%	93%	91%	93%	93%	2,010
	FT + IT	112%	118%	116%	107%	105%	106%	
CENT	FT	97%	95%	95%	95%	95%	96%	1,199
	FT + IT	111%	111%	112%	110%	110%	111%	
LPOL	FT	93%	94%	94%	95%	95%	96%	478
	FT + IT	123%	129%	134%	126%	127%	130%	
WGAT	FT	94%	95%	93%	88%	88%	88%	461
	FT + IT	111%	110%	110%	107%	103%	104%	
ALEG	FT	90%	92%	91%	87%	91%	90%	1,302
	FT + IT	107%	111%	111%	109%	119%	114%	
SLAT	FT	92%	92%	93%	93%	92%	93%	353
	FT + IT	113%	112%	117%	117%	116%	118%	
MLAT	FT	95%	95%	95%	93%	92%	93%	319
	FT + IT	106%	103%	103%	102%	102%	105%	
BLEG	FT	97%	97%	96%	95%	94%	95%	667
	FT + IT	106%	105%	108%	107%	106%	108%	
EGAT	FT	96%	95%	94%	96%	93%	95%	63
	FT + IT	109%	110%	112%	109%	109%	112%	
MRTN	FT	88%	87%	88%	87%	88%	89%	197
	FT + IT	103%	112%	104%	102%	99%	101%	
LIEG	FT	75%	79%	82%	82%	81%	81%	111
	FT + IT	123%	140%	133%	131%	129%	125%	
KIRB	FT	83%	91%	86%	90%	92%	93%	109
	FT + IT	119%	135%	139%	131%	151%	148%	
SMHI	FT	91%	94%	96%	96%	96%	93%	115
	FT + IT	148%	150%	140%	136%	133%	130%	
REDL	FT	93%	91%	91%	92%	93%	92%	96
	FT + IT	140%	141%	136%	134%	133%	134%	
COLD	FT	86%	86%	80%	85%	83%	81%	74
	FT + IT	110%	106%	113%	113%	106%	105%	
NLAT	FT	92%	93%	93%	92%	91%	92%	359
	FT + IT	116%	116%	117%	115%	115%	128%	
WAIN	FT	91%	82%	86%	86%	92%	92%	23
	FT + IT	137%	132%	131%	127%	125%	119%	
ELAT	FT	91%	92%	91%	91%	91%	93%	233
	FT + IT	128%	130%	126%	128%	124%	127%	
TOTAL SYSTEM	FT	93%	93%	93%	92%	92%	93%	9,939
	FT + IT	113%	117%	115%	113%	112%	114%	
Segment	Delivery Contract	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Aug CD (GJ/d)
Empress	FT	99%	97%	100%	99%	98%	100%	4,904,152
	FT + IT	118%	121%	119%	114%	110%	110%	
McNeill	FT	84%	82%	86%	96%	96%	98%	1,868,746
	FT + IT	86%	82%	96%	108%	111%	117%	
ABC	FT	67%	72%	79%	82%	89%	91%	2,496,748
	FT + IT	67%	72%	79%	82%	91%	93%	

***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.
4. Boundaries for pipe segments UPRM, LPRM, PRL, NWML, GRDL and WRSY changed in November 2000.



DESIGN FLOW REQUIREMENTS UTILIZATION NORTH OF BENS LAKE

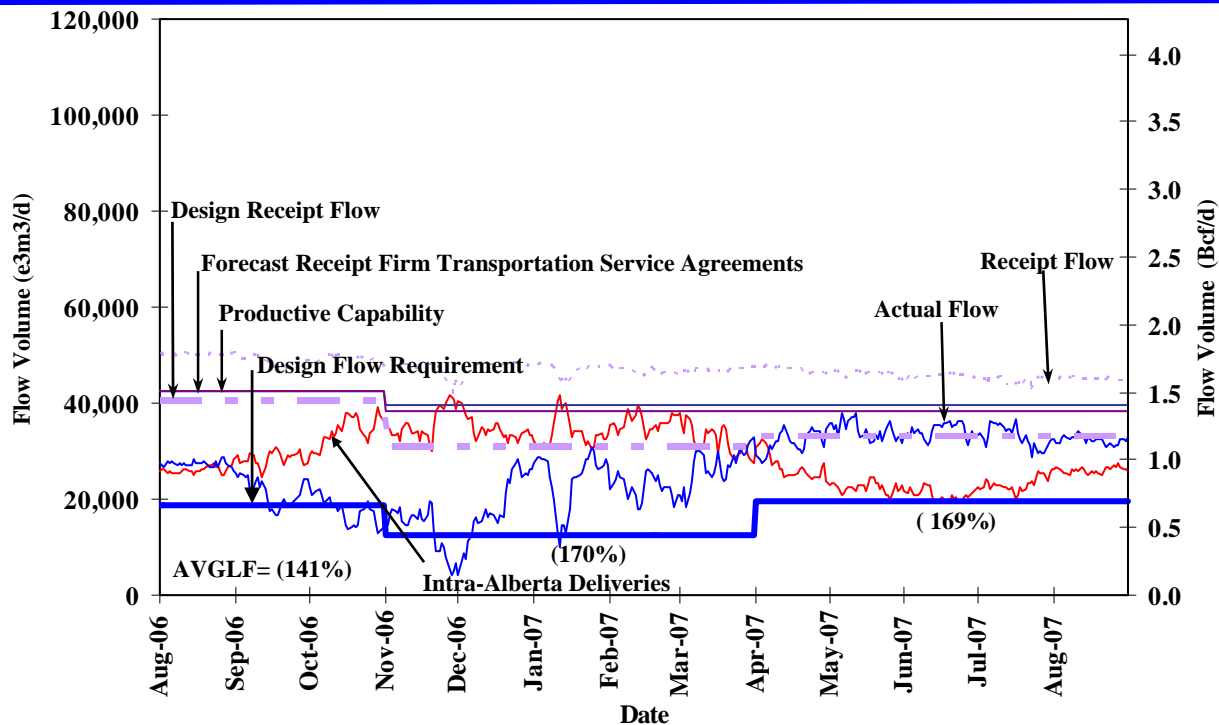
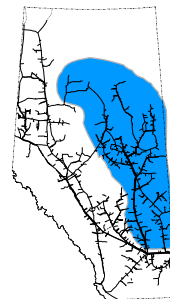


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	Jul	Aug
FT-R Volume	101	100	100	102	101	101
FT-R + IT Volume	143	147	143	142	139	139

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	Mar	Apr	May	Jun	Jul	Aug
	52	178	395	406	306	325

DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE



% Design Receipt Utilization

(Notice: The Percentages are not the same as the Contract Utilization Percentages)

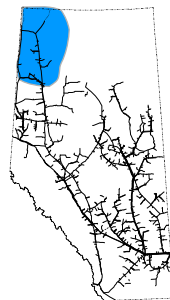
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	111	109	109	110	108	108
FT-R + IT Volume	152	152	150	148	145	149

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.

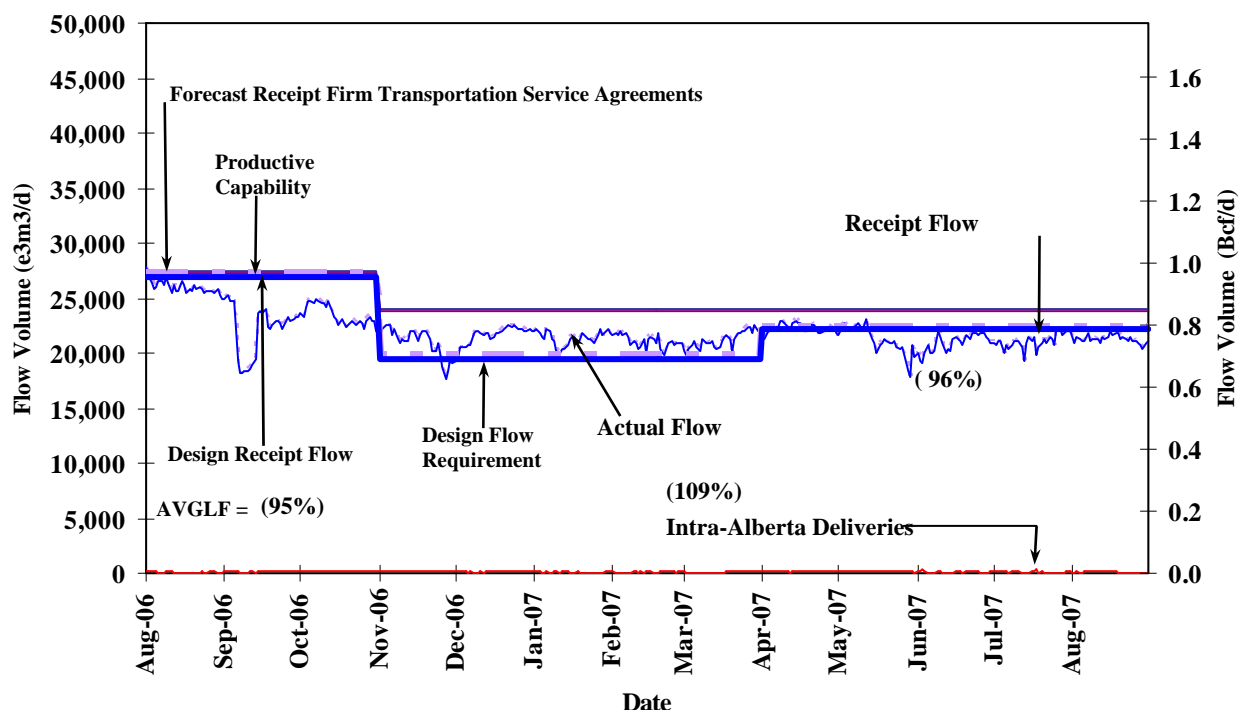
% Design Flow Requirements Utilization

Monthly Average Actual Flow as a Percentage of Design Flow Requirements

	Mar	Apr	May	Jun	Jul	Aug
Average Flow/ Design Capacity	215	162	176	175	168	165



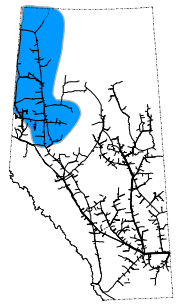
DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



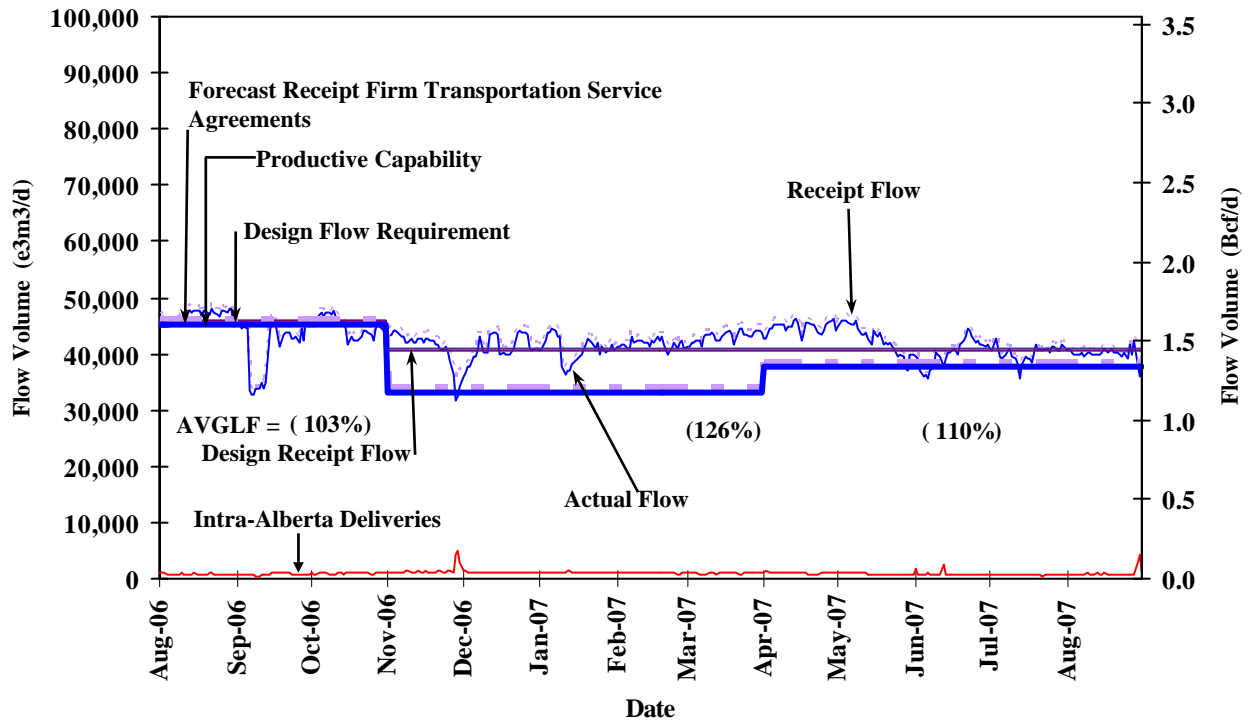
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	100	102	99	98	98	100
FT-R + IT Volume	108	113	108	106	107	108

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	Mar	Apr	May	Jun	Jul	Aug
	109	100	96	94	95	96



DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER

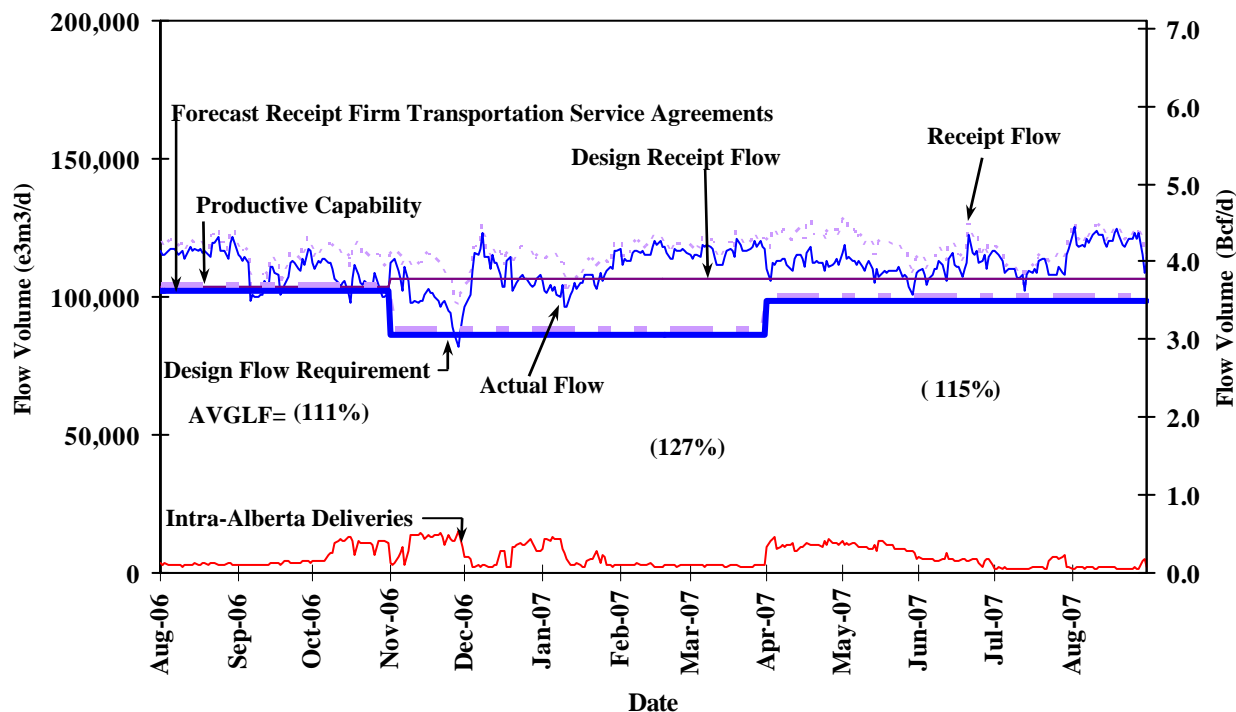
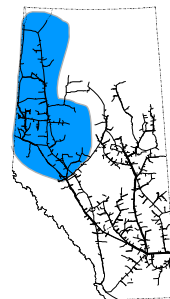


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	112	111	109	102	102	103
FT-R + IT Volume	131	136	129	122	121	122

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	Mar	Apr	May	Jun	Jul	Aug
	130	119	113	107	106	106

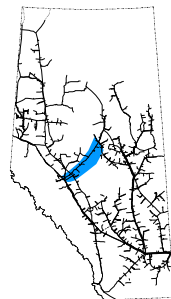
DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER



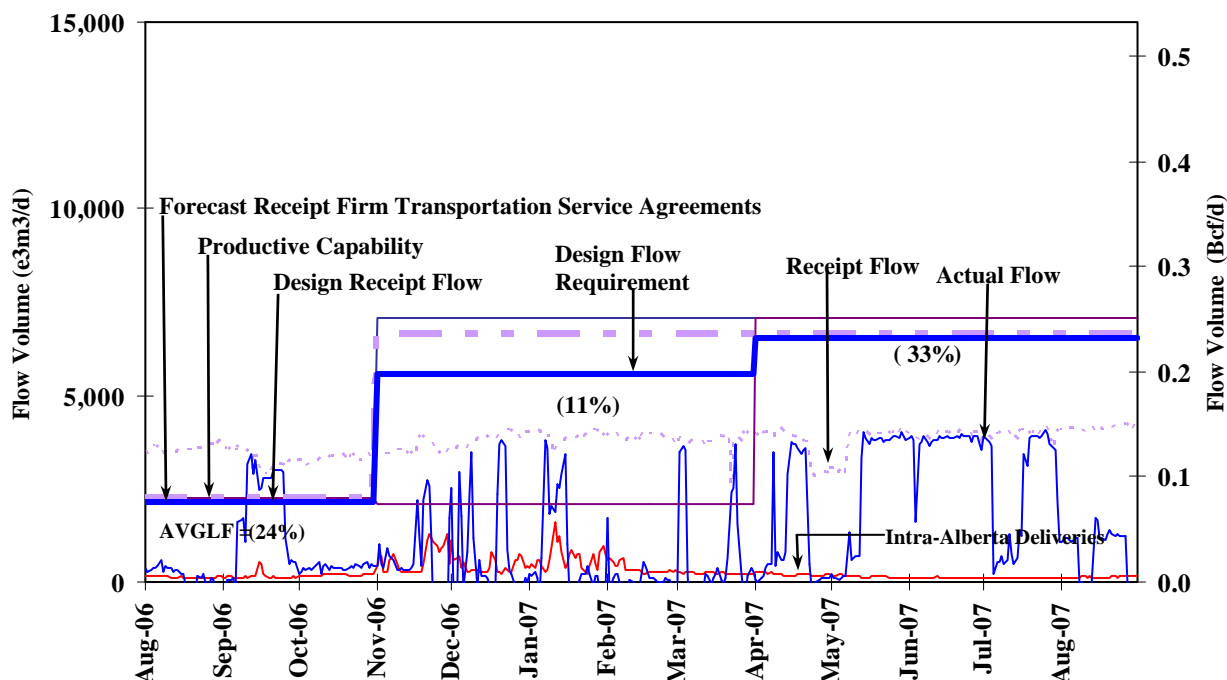
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	110	108	109	108	108	109
FT-R + IT Volume	133	140	136	132	128	131

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	Mar	Apr	May	Jun	Jul	Aug
	136	114	112	113	112	122



DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



% Design Receipt Utilization

(Notice: The Percentages are not the same as the Contract Utilization Percentages)

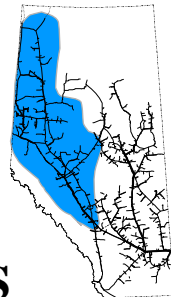
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	51	50	49	51	51	50
FT-R + IT Volume	65	63	65	68	68	71

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.

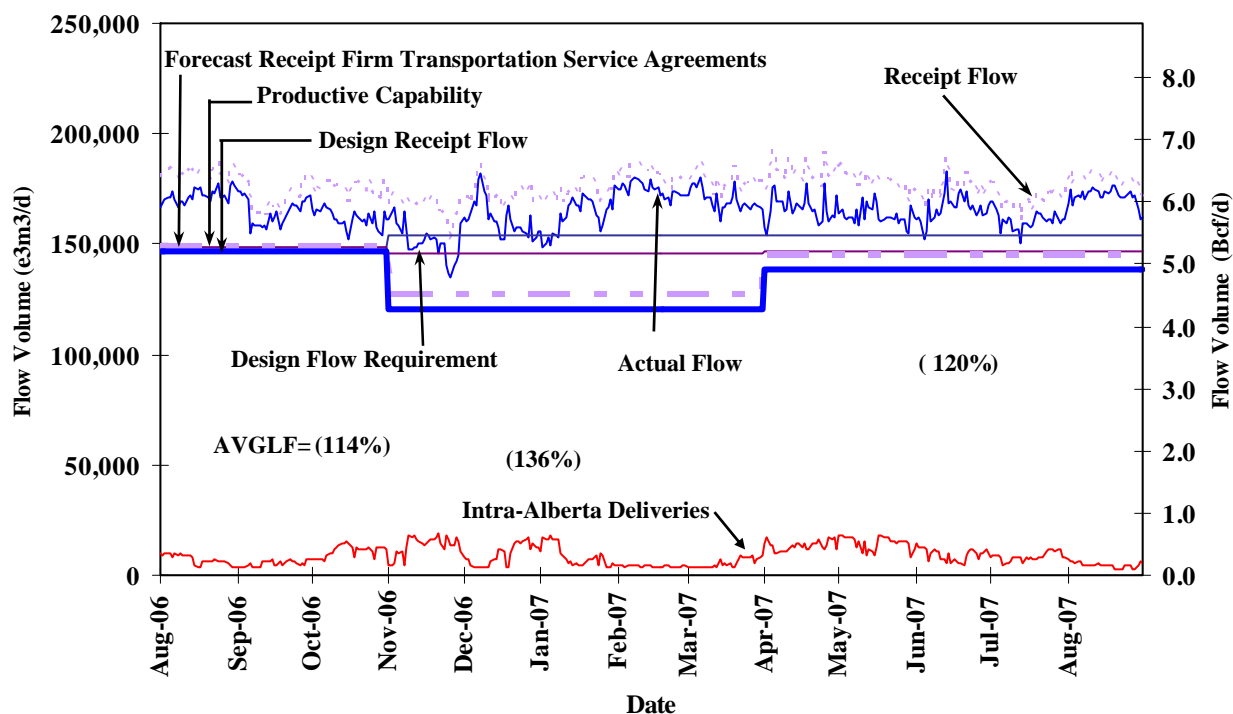
% Design Flow Requirements Utilization

Monthly Average Actual Flow as a Percentage of Design Flow Requirements

	Mar	Apr	May	Jun	Jul	Aug
Average Flow/ Design Capacity	11	19	38	58	38	11



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

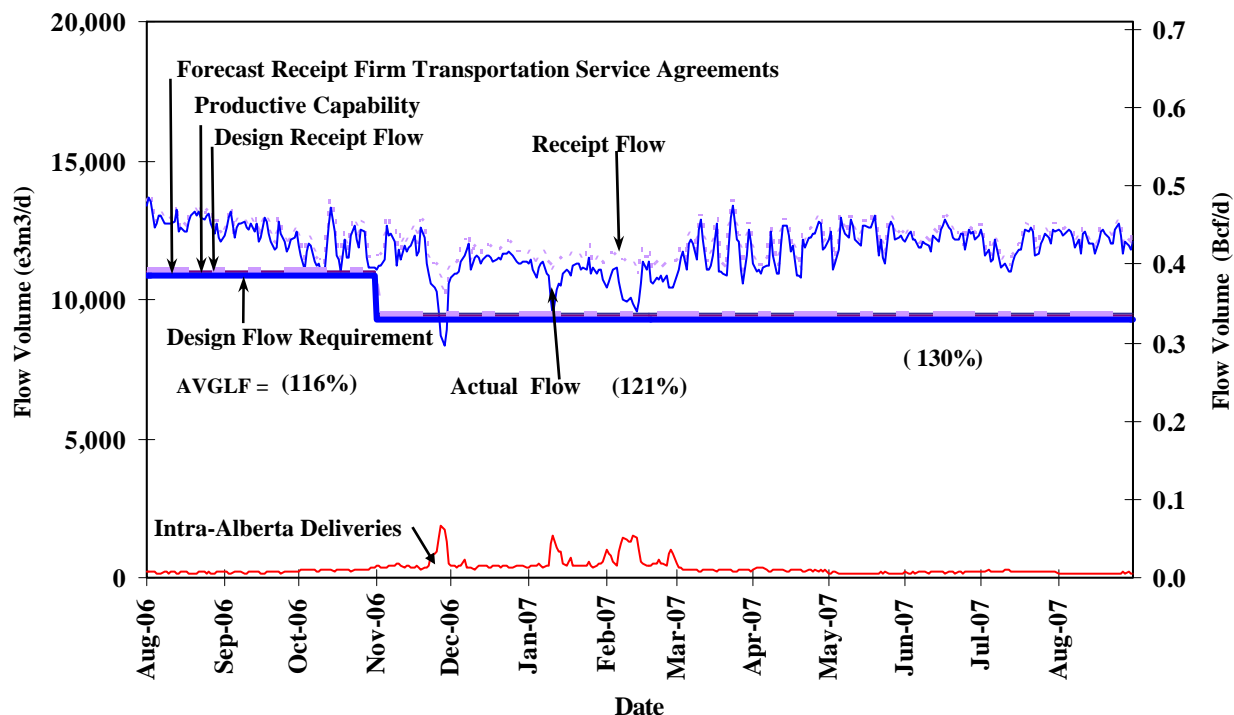
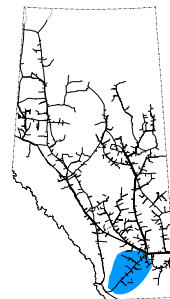


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	112	109	110	110	109	110
FT-R + IT Volume	135	139	138	134	131	134

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						
Average Flow/ Design Capacity	Mar	Apr	May	Jun	Jul	Aug
	141	121	118	120	116	124

DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON

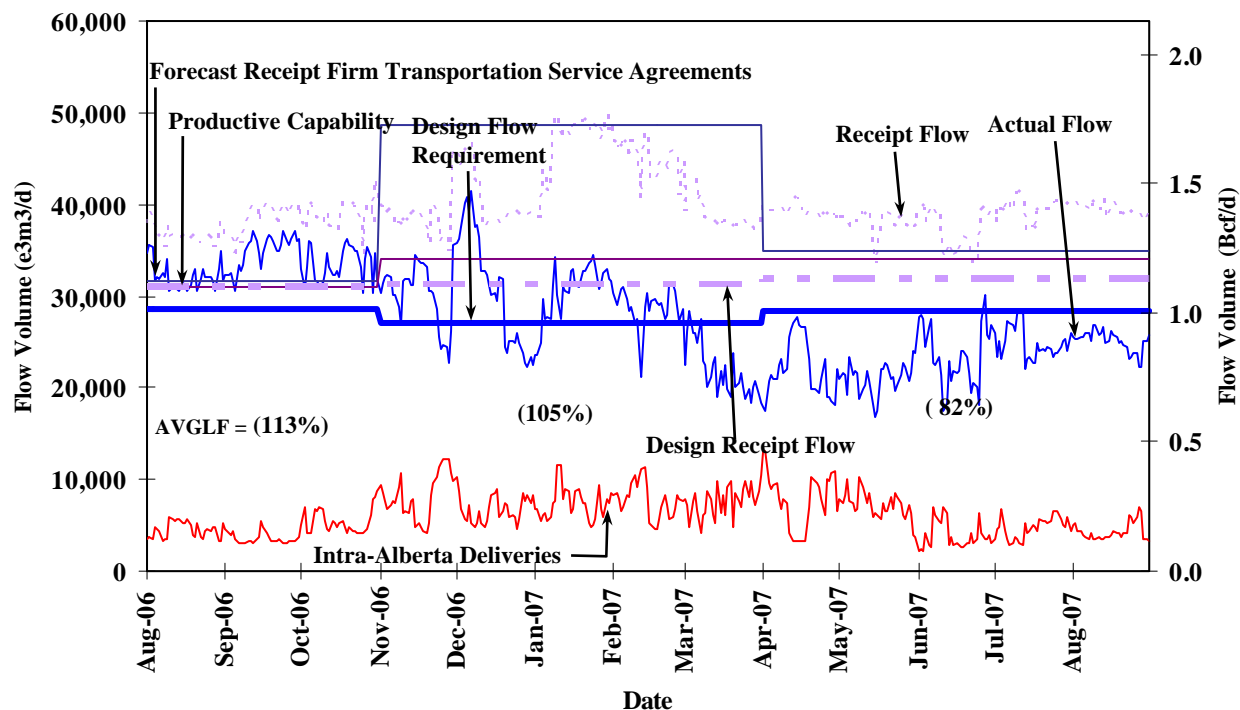
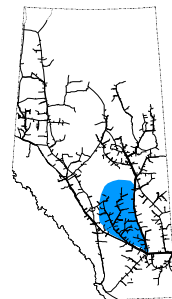


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	Jul	Aug
FT Volume	104	105	106	105	103	104
FT-R + IT Volume	127	128	132	132	128	131

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	Mar	Apr	May	Jun	Jul	Aug
	126	127	132	132	128	131

DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS

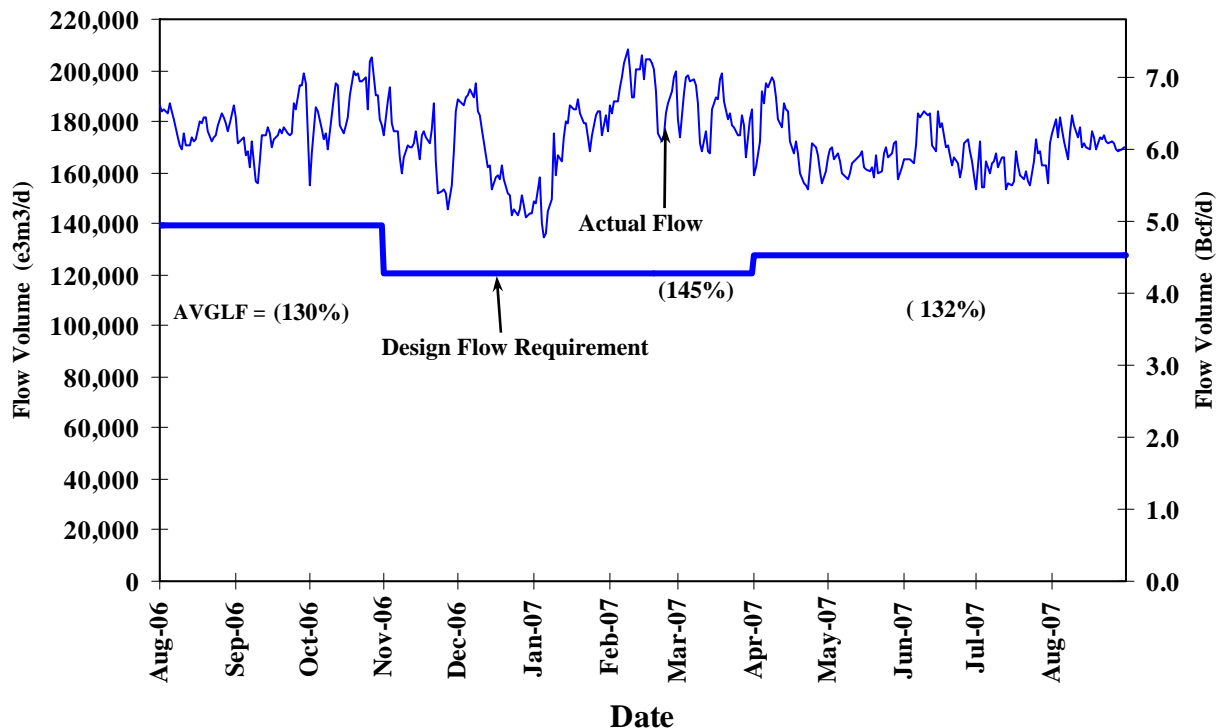
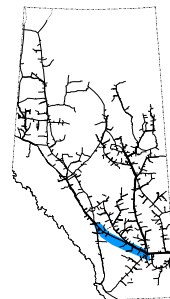


% Design Receipt Utilization (Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Mar	Apr	May	Jun	July	Aug
FT Volume	103	104	103	98	104	105
FT-R + IT Volume	122	126	126	123	137	134

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.

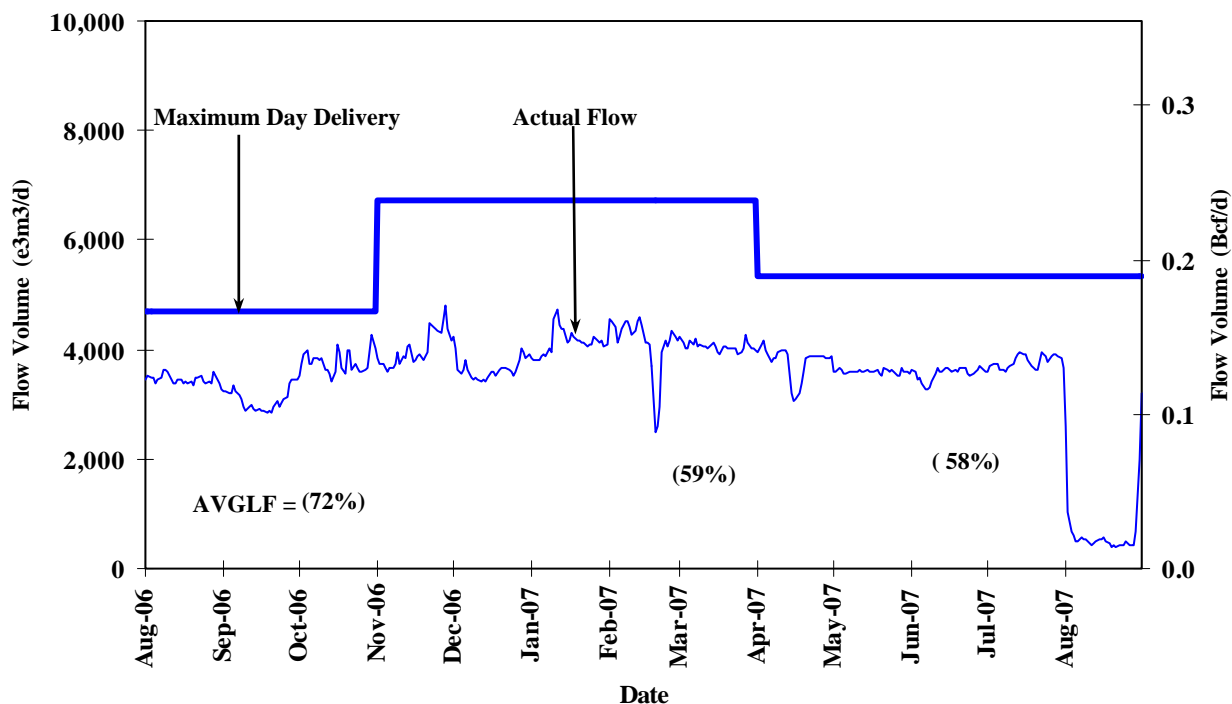
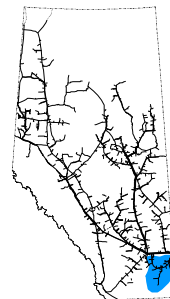
% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Mar	Apr	May	Jun	July	Aug
	81	78	74	82	87	88

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



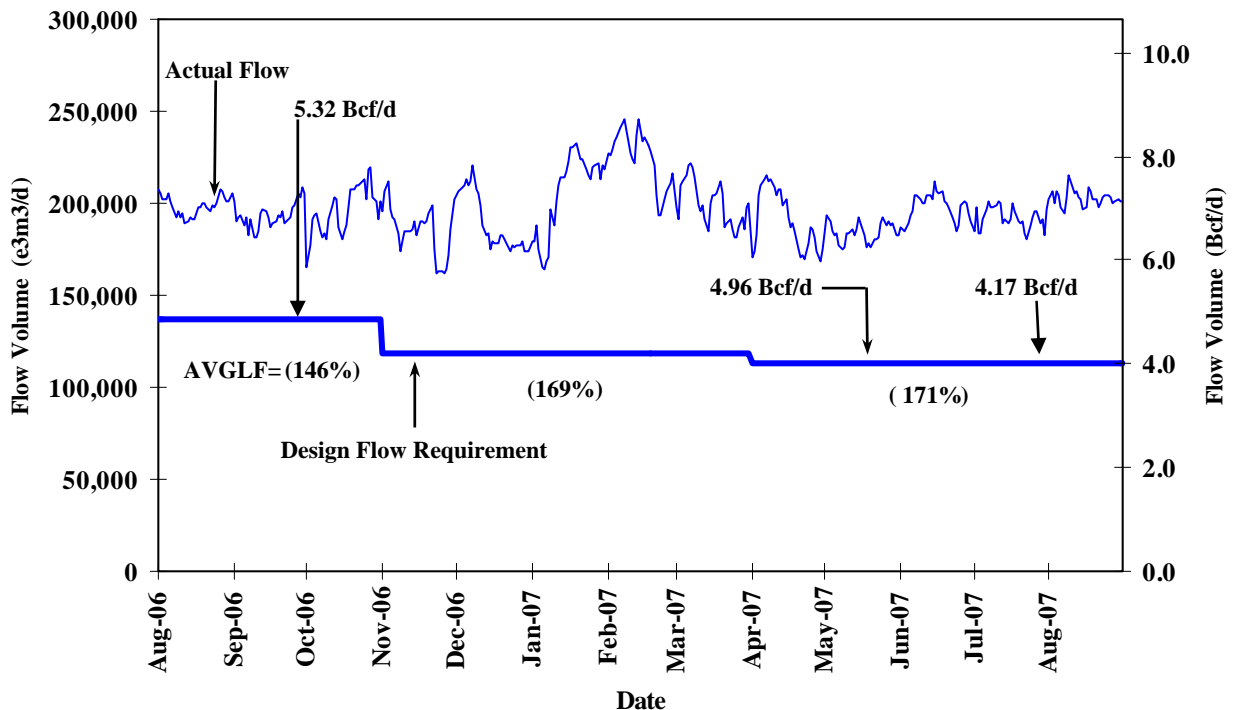
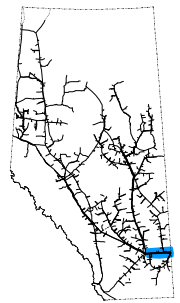
% Design Flow Requirements Utilization Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Mar 152	Apr 136	May 129	Jun 134	Jul 127	Aug 136

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)



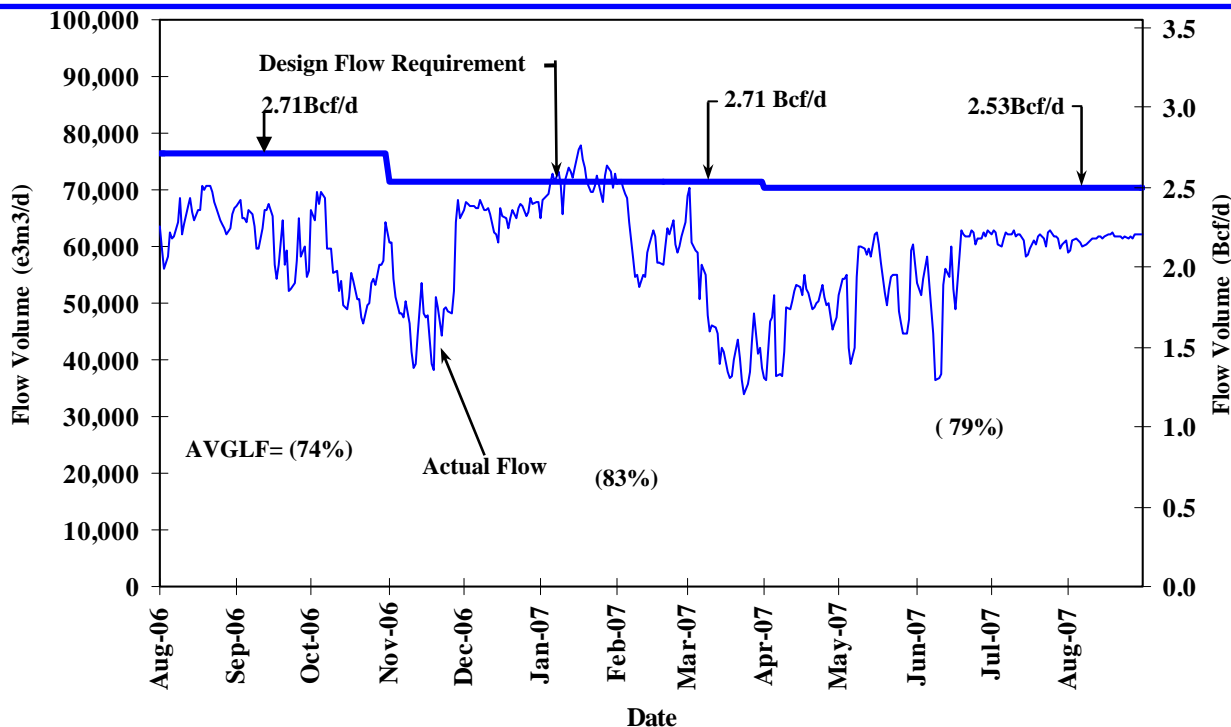
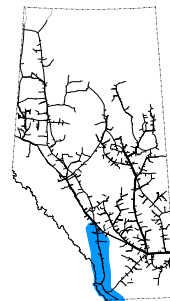
% Design Delivery Utilization (Notice: Average Actual Flow as a Percentage of Design Flow Requirements)						
	Mar	Apr	May	Jun	Jul	Aug
FT ¹ Volume	146	129	133	146	144	151
FT ¹ + IT Volume	168	161	156	167	163	171

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)						
	Mar	Apr	May	Jun	Jul	Aug
FT ¹ Volume	64	67	74	76	84	84
FT ¹ + IT Volume	64	67	75	77	86	86

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

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

Receipt Area	Segment	IT-R Service	Firm Service	Firm Service	% CD	
		Available	Available	Restriction	Restricted ⁽¹⁾	
		(% of time)	(% of time)	(% of time)	Max	Average
Peace River	UPRM 1	97	97	3	61	61
	PRL 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⁾ (% of time)	IT-D Service	Firm Service	Firm Service	% CD Restricted ⁽¹⁾	
		Available ⁽²⁾ (% of time)	Available (% of time)	Restriction (% of time)	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 August 1, 2007	November 2007 November 2008

Receipt Firm Transportation Guidelines

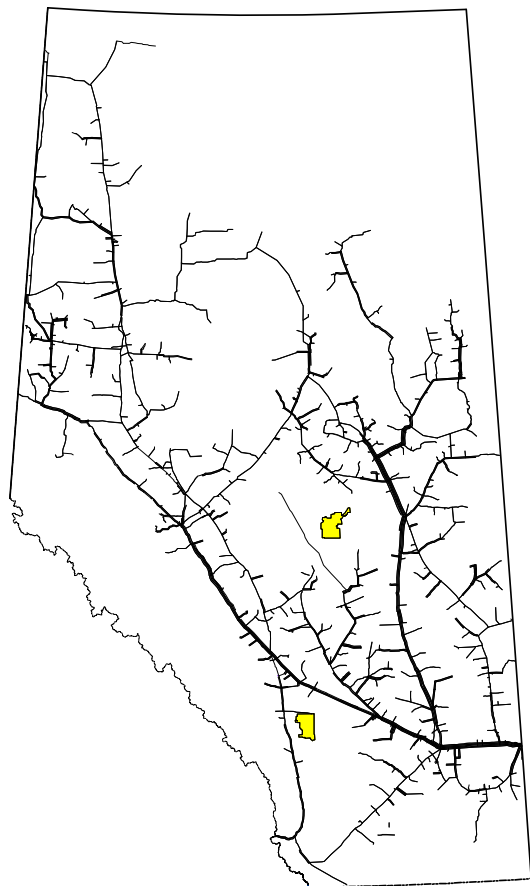
Firm Transportation Service Type	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Receipt - Summer construction (generally south of Edmonton)	November 1, 2006 November 1, 2007	November 2007 November 2008
Receipt - Winter construction (generally north of Edmonton)	April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

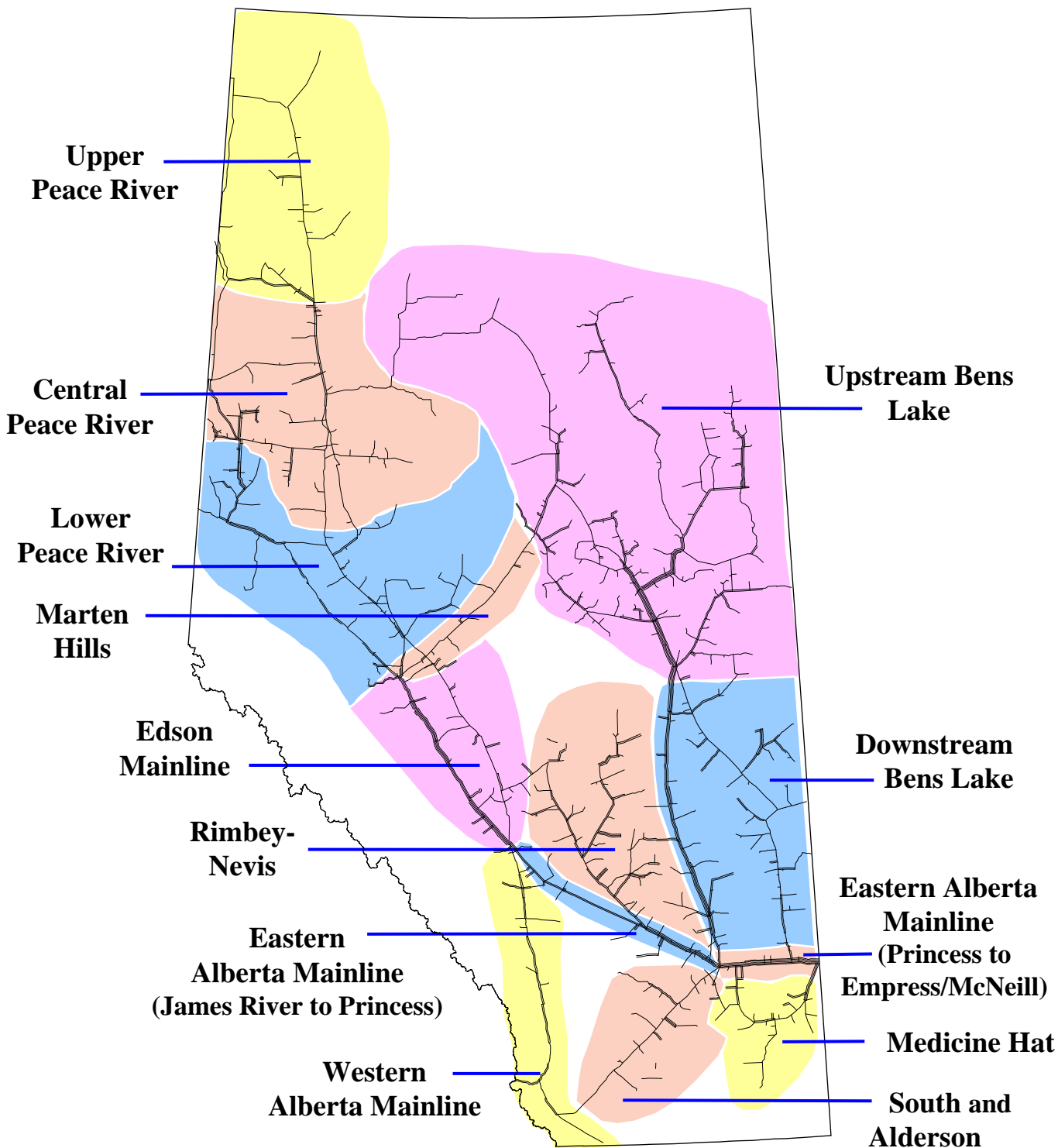
Service availability is affected by a number of factors including scheduled and unscheduled maintenance, construction or other outages.

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

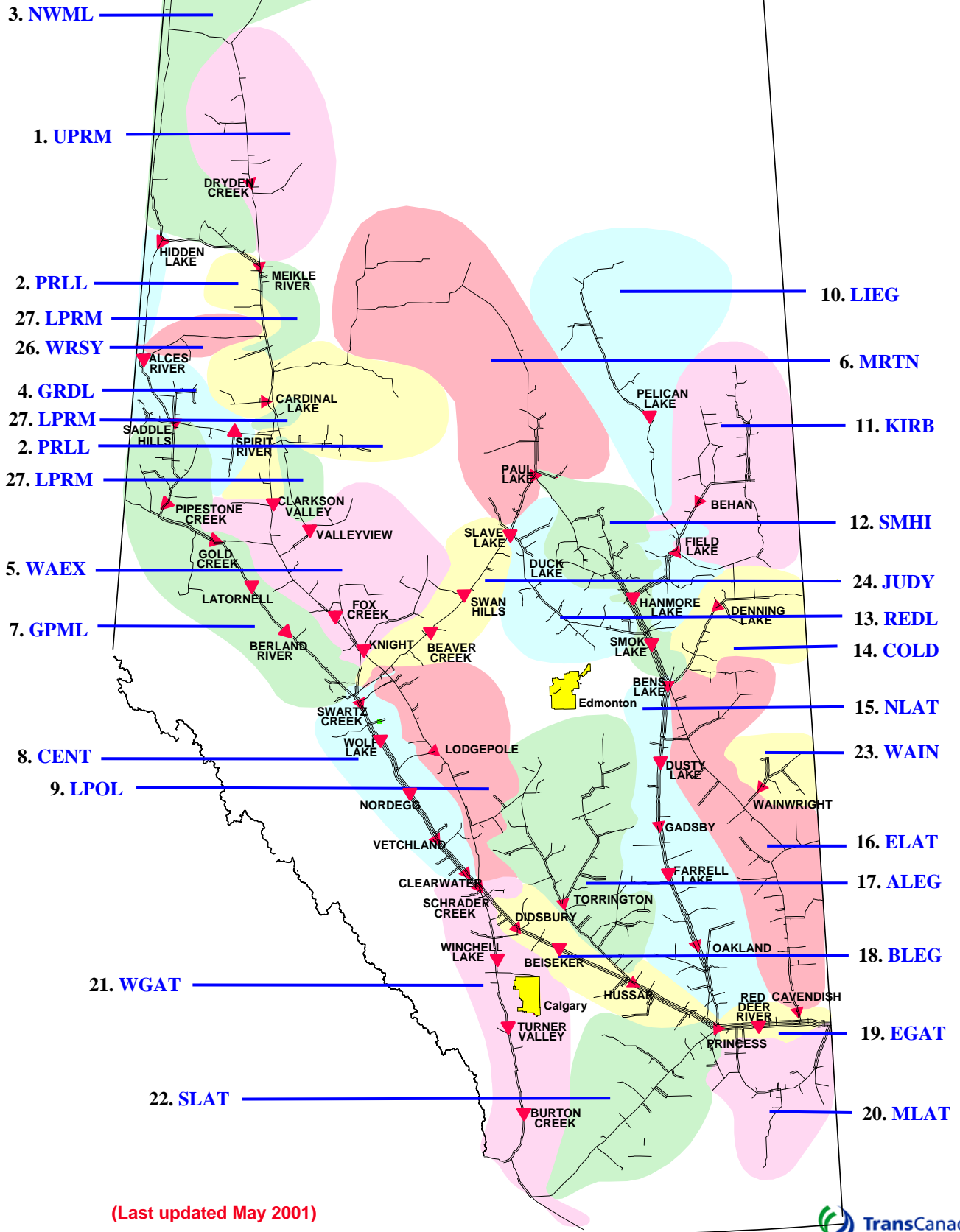
The Future Firm Transportation Service Availability report presents guidelines and timing for all future firm transportation service requests.

NGTL DESIGN AREAS



(Last updated February 2001)

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