

SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending
November, 2007

Published date:
April 18, 2008

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during November 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, Western Alberta Mainline and South and Alderson].
- FT Receipt Availability over a 3 month average from September 1, 2007 – November 30, 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 September 1, 2007 – November 30, 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

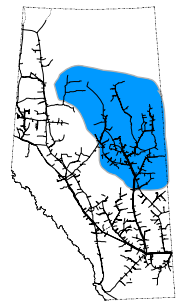
By NGTL Pipeline Segments

Segment	Receipt Contract	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Nov CD (m mcf/d)
UPRM ⁴	FT	86%	93%	94%	89%	92%	91%	181
	FT + IT	90%	98%	101%	92%	95%	96%	
LPRM ⁴	FT	95%	96%	95%	92%	92%	92%	29
	FT + IT	141%	130%	132%	123%	128%	109%	
PRLL ⁴	FT	90%	92%	92%	92%	91%	91%	230
	FT + IT	114%	115%	115%	115%	113%	110%	
NWML ⁴	FT	95%	93%	95%	93%	93%	92%	542
	FT + IT	104%	102%	103%	100%	99%	98%	
GRDL ⁴	FT	90%	86%	89%	89%	93%	92%	278
	FT + IT	118%	110%	116%	119%	119%	115%	
WRYS ⁴	FT	95%	95%	95%	96%	94%	97%	38
	FT + IT	149%	168%	165%	171%	150%	150%	
WAEX	FT	91%	86%	91%	89%	89%	89%	336
	FT + IT	151%	132%	149%	134%	136%	127%	
JUDY	FT	99%	97%	97%	98%	98%	98%	109
	FT + IT	130%	131%	138%	135%	136%	131%	
GPML	FT	91%	93%	93%	93%	92%	93%	1,964
	FT + IT	107%	105%	106%	106%	104%	103%	
CENT	FT	95%	95%	96%	94%	95%	95%	1,188
	FT + IT	110%	110%	111%	111%	110%	111%	
LPOL	FT	95%	95%	96%	93%	96%	92%	468
	FT + IT	126%	127%	130%	124%	129%	121%	
WGAT	FT	88%	88%	88%	85%	84%	83%	433
	FT + IT	107%	103%	104%	97%	97%	95%	
ALEG	FT	87%	91%	90%	89%	86%	92%	1,220
	FT + IT	109%	119%	114%	113%	108%	110%	
SLAT	FT	93%	92%	93%	93%	94%	86%	348
	FT + IT	117%	116%	118%	112%	109%	105%	
MLAT	FT	93%	92%	93%	93%	93%	93%	314
	FT + IT	102%	102%	105%	103%	105%	106%	
BLEG	FT	95%	94%	95%	95%	96%	96%	672
	FT + IT	107%	106%	108%	107%	109%	107%	
EGAT	FT	96%	93%	95%	95%	93%	92%	65
	FT + IT	109%	109%	112%	111%	114%	115%	
MRTN	FT	87%	88%	89%	91%	89%	92%	184
	FT + IT	102%	99%	101%	102%	101%	100%	
LIEG	FT	82%	81%	81%	80%	82%	80%	110
	FT + IT	131%	129%	125%	119%	121%	119%	
KIRB	FT	90%	92%	93%	90%	92%	89%	120
	FT + IT	131%	151%	148%	134%	123%	115%	
SMHI	FT	96%	96%	93%	94%	94%	92%	112
	FT + IT	136%	133%	130%	138%	133%	123%	
REDL	FT	92%	93%	92%	92%	90%	89%	97
	FT + IT	134%	133%	134%	132%	131%	128%	
COLD	FT	85%	83%	81%	84%	85%	84%	70
	FT + IT	113%	106%	105%	105%	103%	108%	
NLAT	FT	92%	91%	92%	92%	93%	92%	349
	FT + IT	115%	115%	128%	124%	117%	119%	
WAIN	FT	86%	92%	92%	90%	92%	95%	21
	FT + IT	127%	125%	119%	114%	124%	127%	
ELAT	FT	91%	91%	93%	92%	92%	93%	231
	FT + IT	128%	124%	127%	126%	128%	129%	
TOTAL SYSTEM	FT	92%	92%	93%	92%	92%	92%	9,708
	FT + IT	113%	112%	114%	112%	111%	109%	

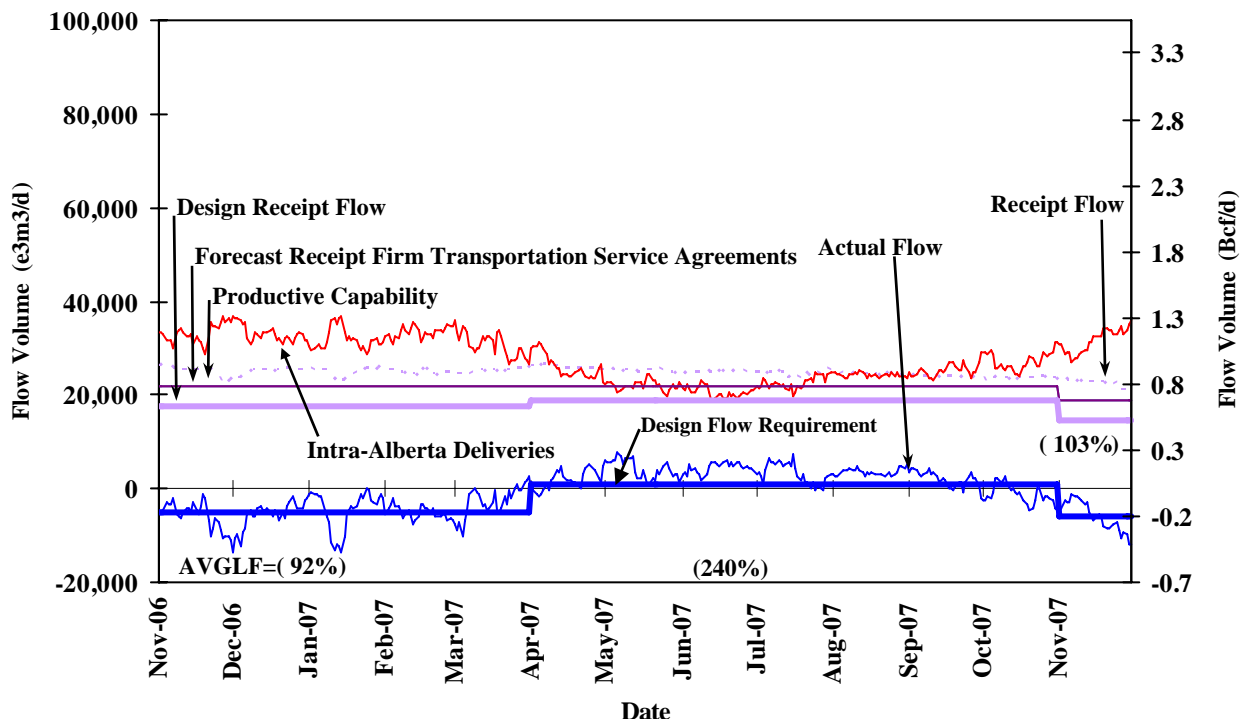
Segment	Delivery Contract	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Nov CD (G J/d)
Empress	FT	99%	98%	100%	98%	99%	99%	4,022,402
	FT + IT	114%	110%	110%	105%	106%	121%	
McNeill	FT	96%	96%	98%	98%	92%	80%	1,938,266
	FT + IT	108%	111%	117%	106%	97%	86%	
ABC	FT	82%	89%	91%	90%	92%	86%	2,672,787
	FT + IT	82%	91%	93%	94%	97%	88%	

***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, PRLL, NWML, GRDL and WRSY changed in November 2000.



DESIGN FLOW REQUIREMENTS UTILIZATION NORTH OF BENS LAKE

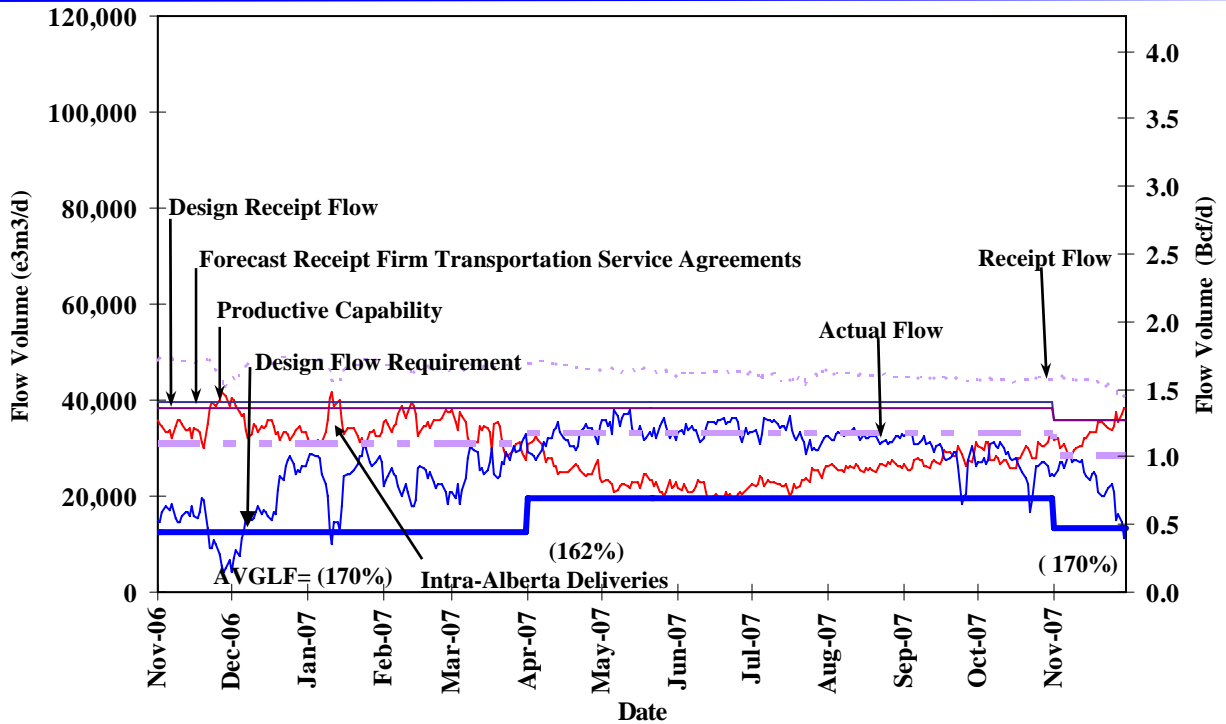
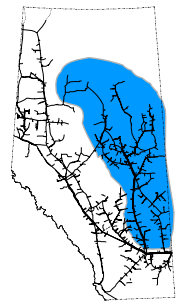


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT-R Volume	102	101	101	101	102	120
FT-R + IT Volume	142	139	139	137	134	155

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	Jun	Jul	Aug	Sep	Oct	Nov
	406	306	325	188	117	103

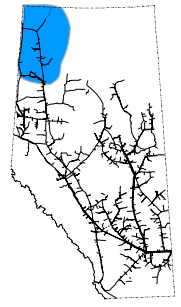
DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE



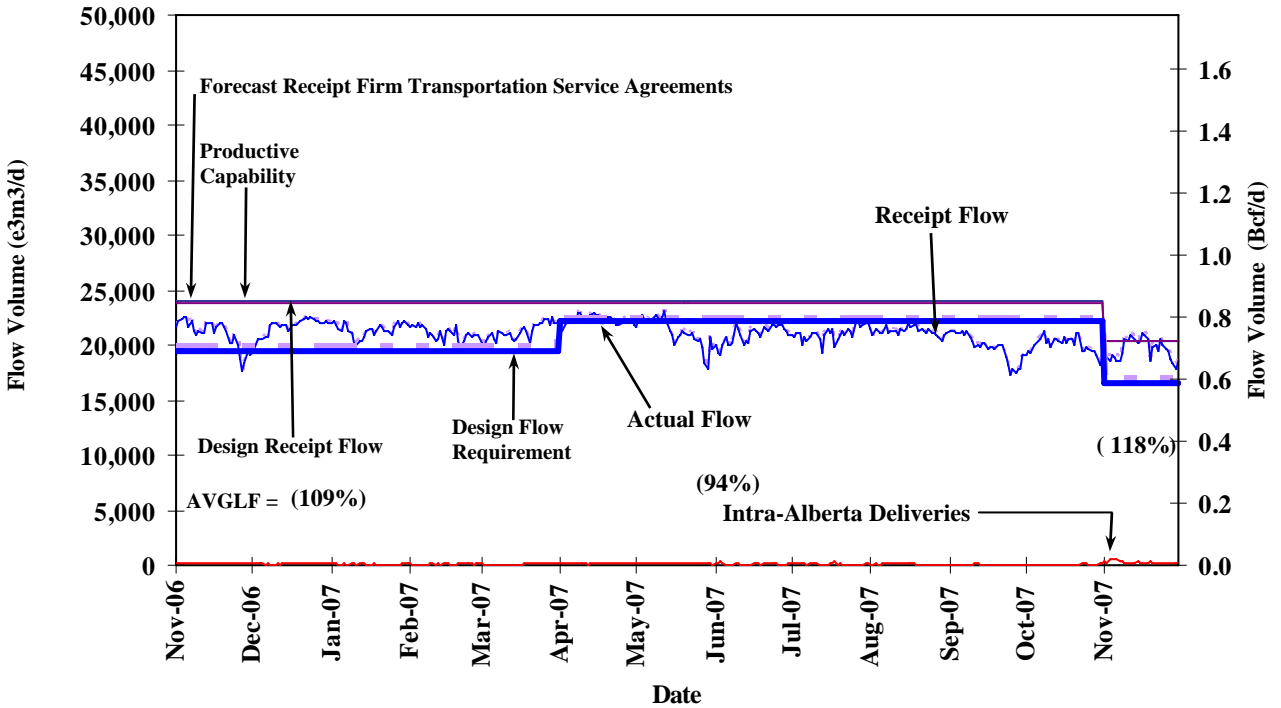
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	110	108	108	108	109	117
FT-R + IT Volume	148	145	149	146	143	153

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	Jun	Jul	Aug	Sep	Oct	Nov
	175	168	165	148	137	170



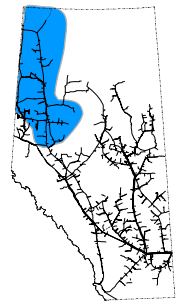
DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



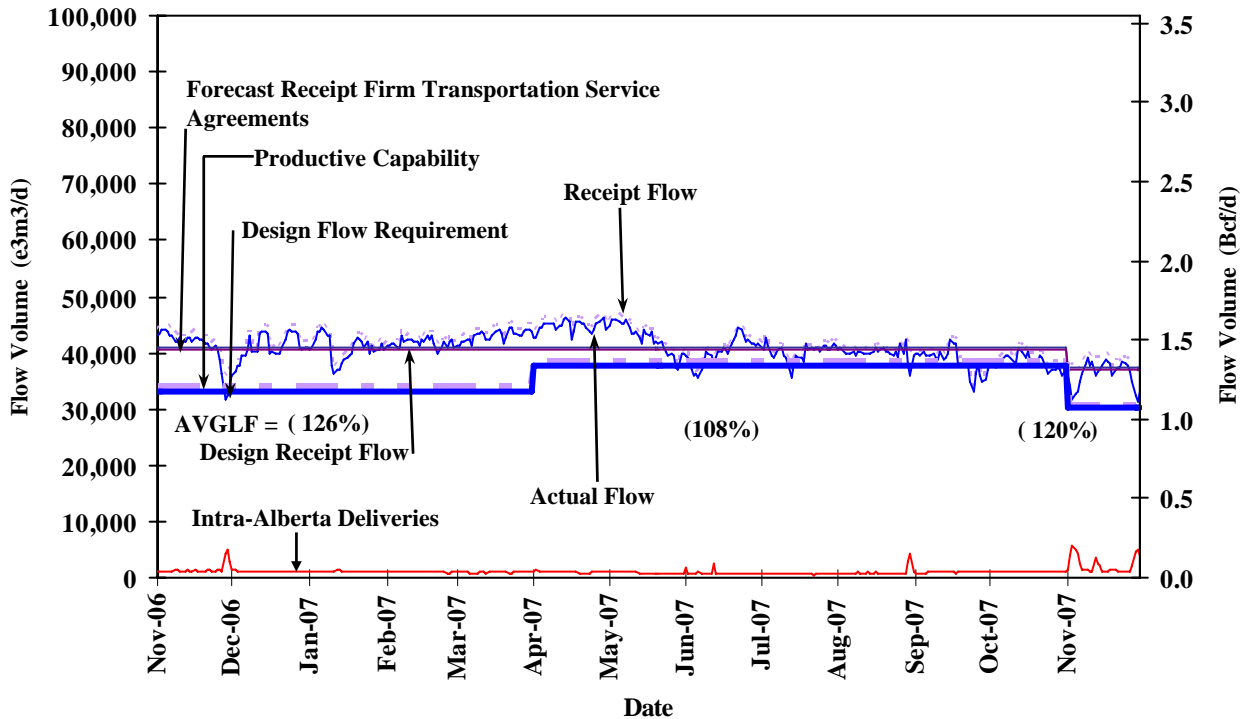
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	98	98	100	95	97	111
FT-R + IT Volume	106	107	108	101	102	118

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	Jun	Jul	Aug	Sep	Oct	Nov
	94	95	96	89	90	118



DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER

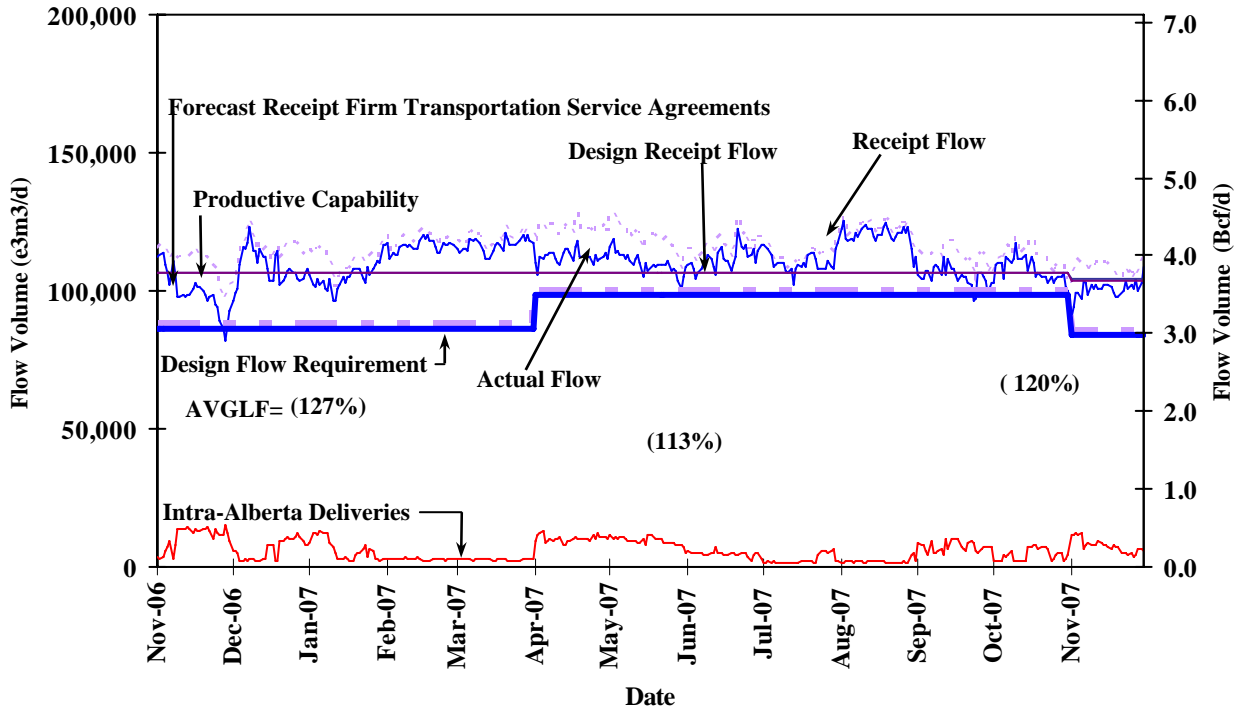
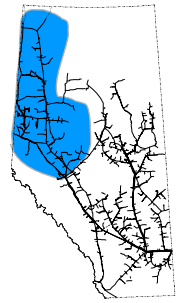


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	102	102	103	99	101	109
FT-R + IT Volume	122	121	122	117	117	125

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	Jun	Jul	Aug	Sep	Oct	Nov
	107	106	106	102	102	120

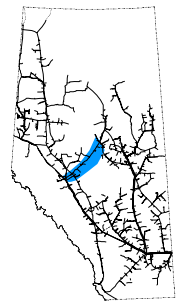
DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER



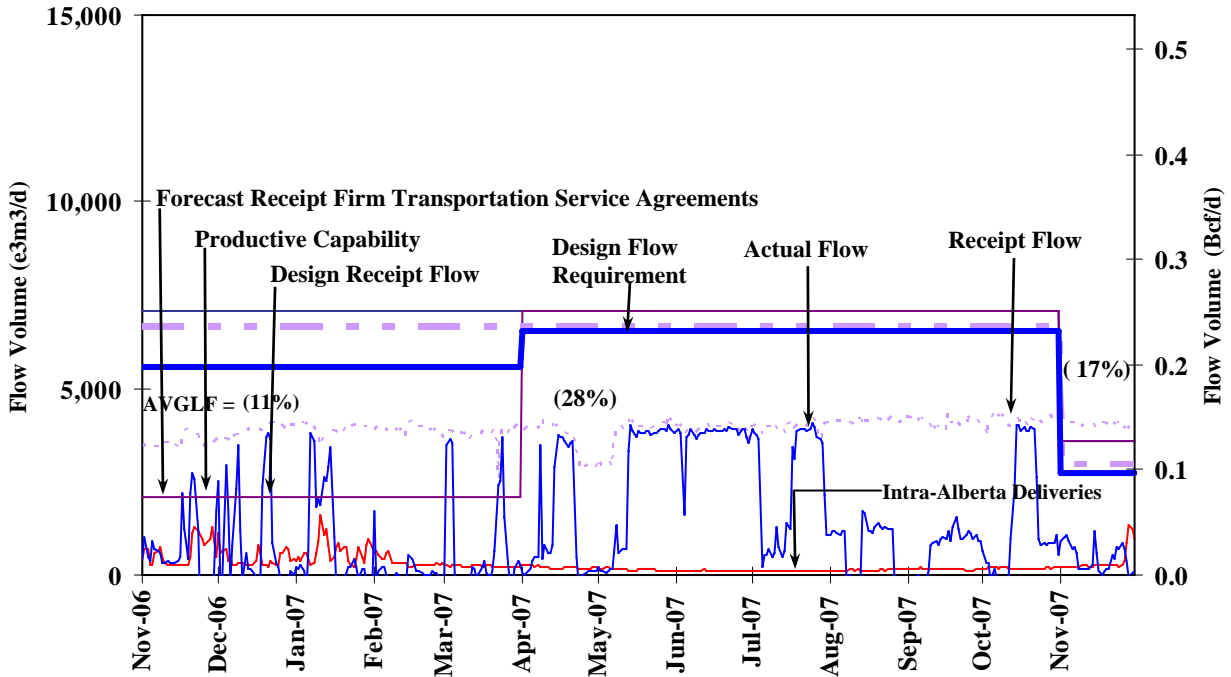
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	108	108	109	108	108	109
FT-R + IT Volume	132	128	131	128	127	126

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	Jun	Jul	Aug	Sep	Oct	Nov
	113	112	122	107	109	120



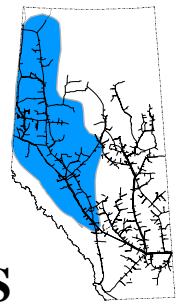
DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



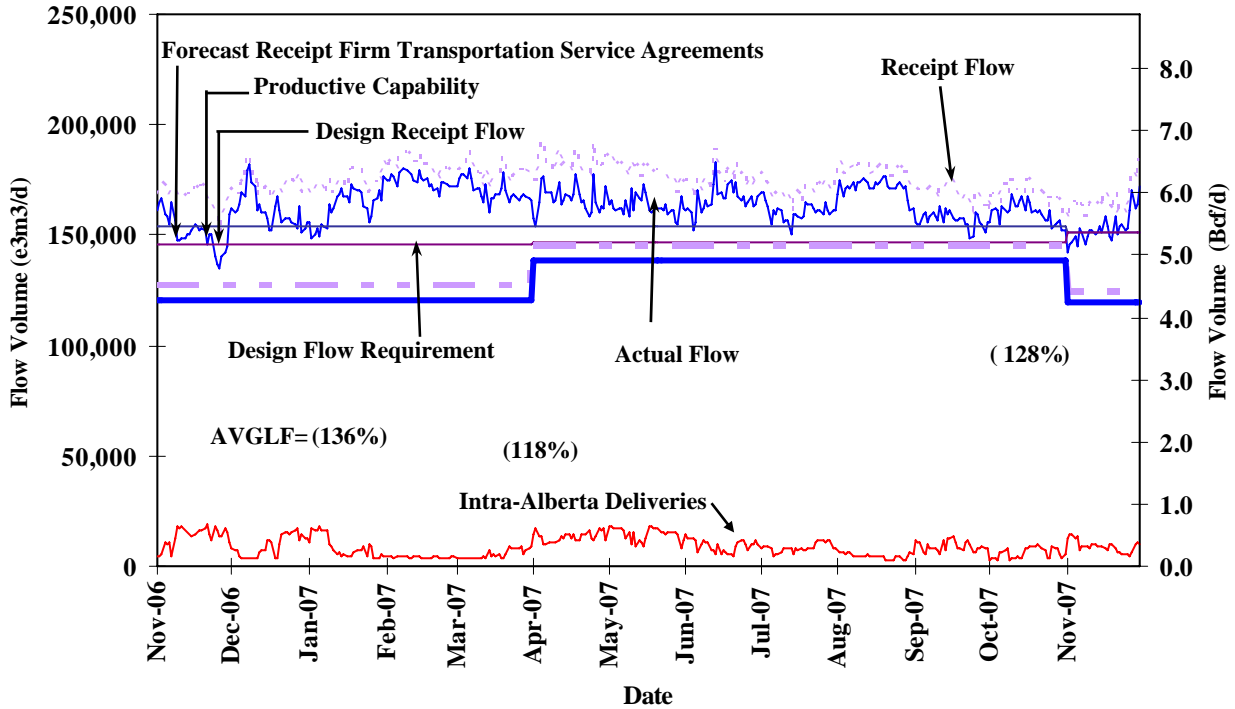
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	51	51	50	51	51	102
FT-R + IT Volume	68	68	71	70	71	138

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	Jun	Jul	Aug	Sep	Oct	Nov
	58	38	11	11	23	17



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

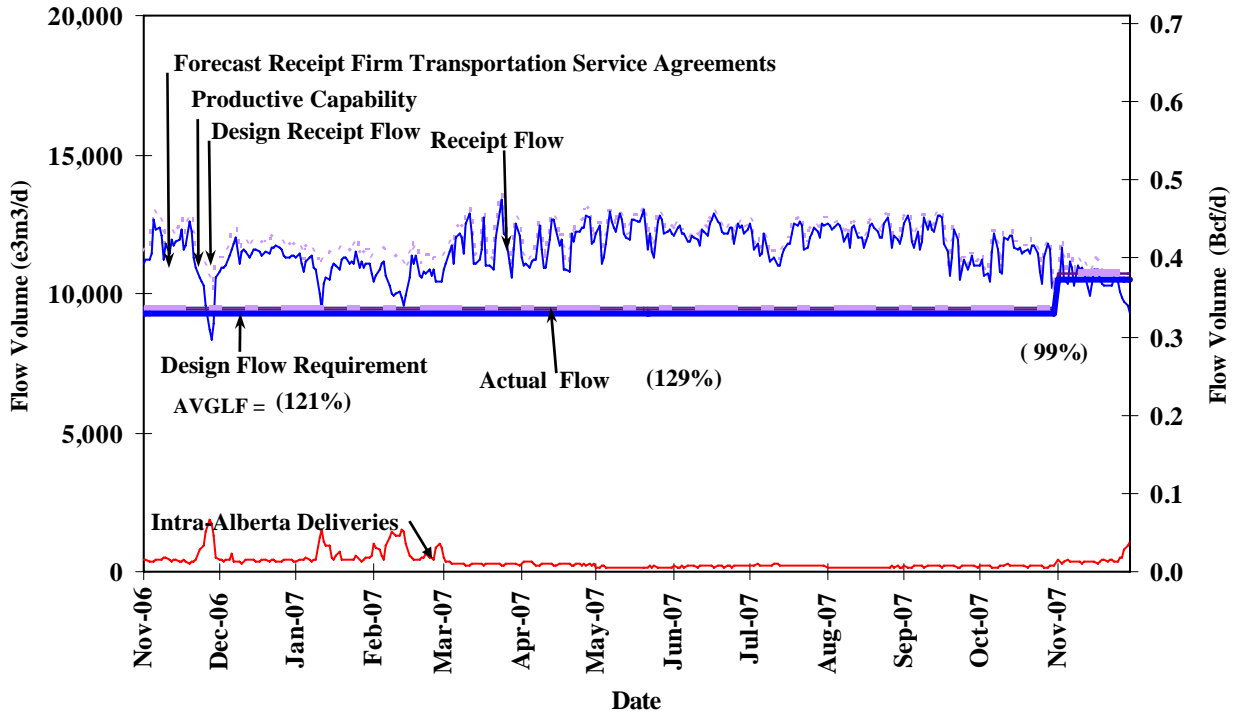
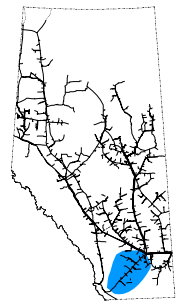


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	110	109	110	109	109	109
FT-R + IT Volume	134	131	134	131	130	128

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	Jun	Jul	Aug	Sep	Oct	Nov
	120	116	124	114	116	128

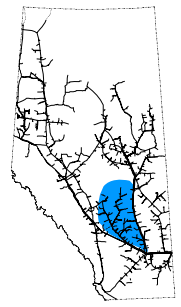
DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON



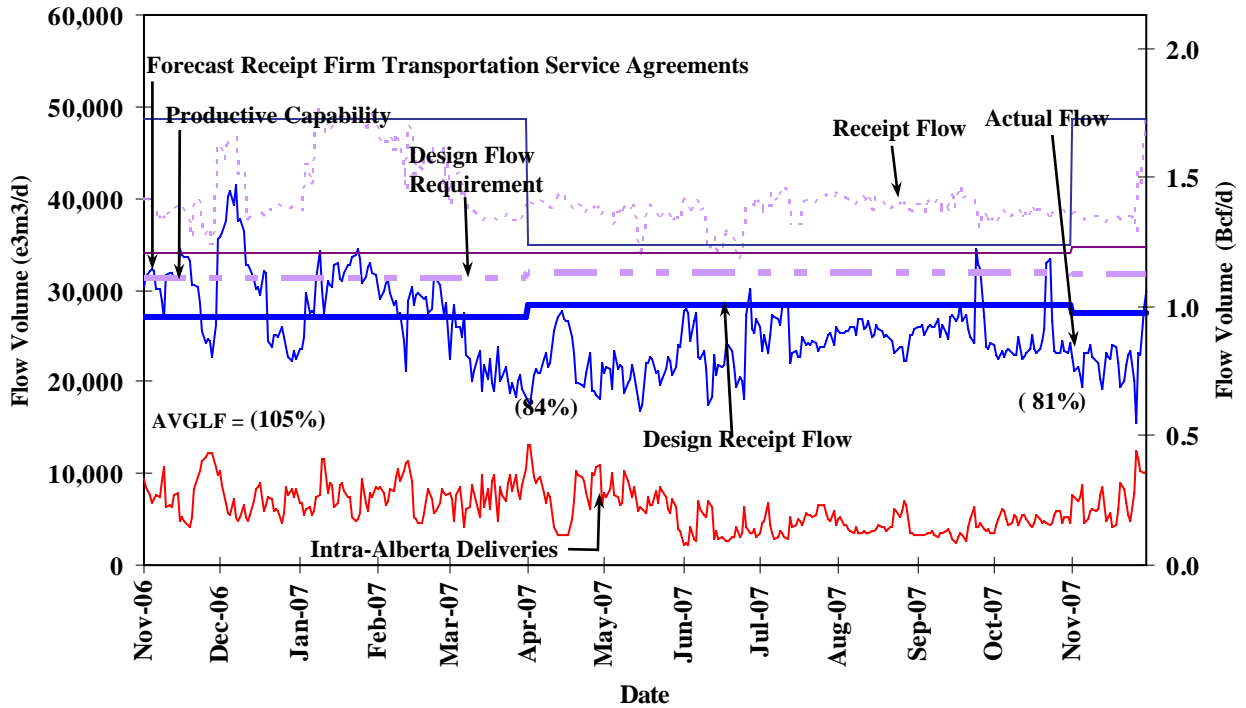
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT Volume	105	103	104	107	106	84
FT-R + IT Volume	132	128	131	127	122	102

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	Jun	Jul	Aug	Sep	Oct	Nov
	132	128	131	128	122	99



DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS

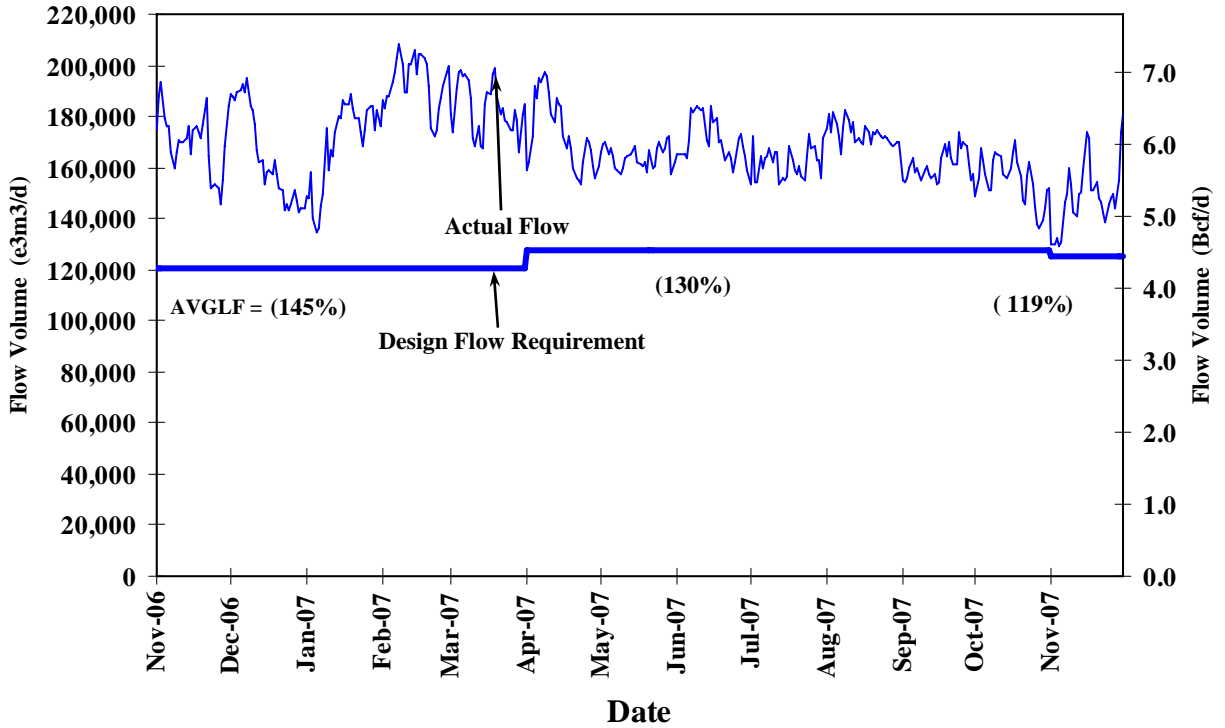
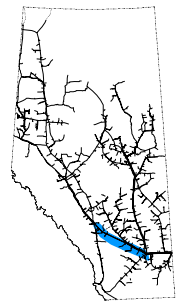


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jun	July	Aug	Sep	Oct	Nov
FT Volume	98	104	105	103	98	100
FT-R + IT Volume	123	137	134	129	123	119

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.

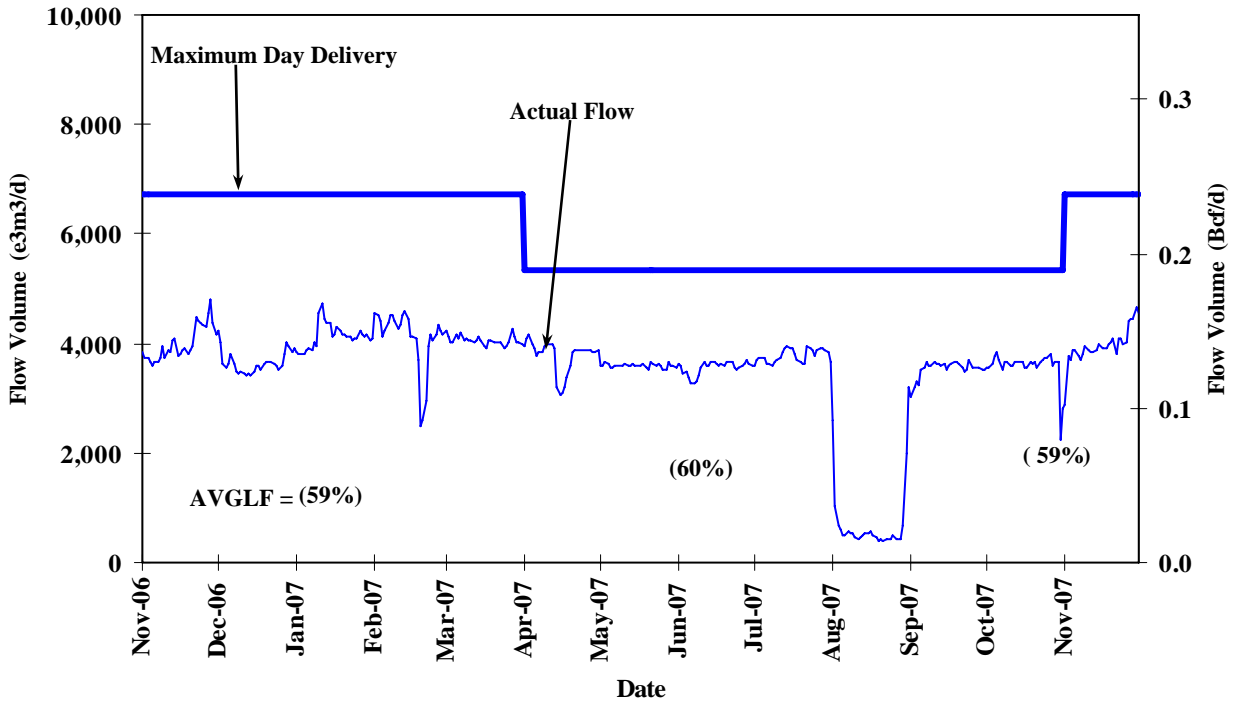
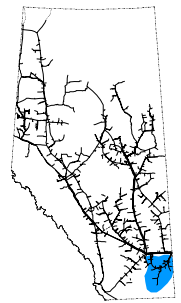
% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Jun	July	Aug	Sep	Oct	Nov
	82	87	88	94	85	81

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



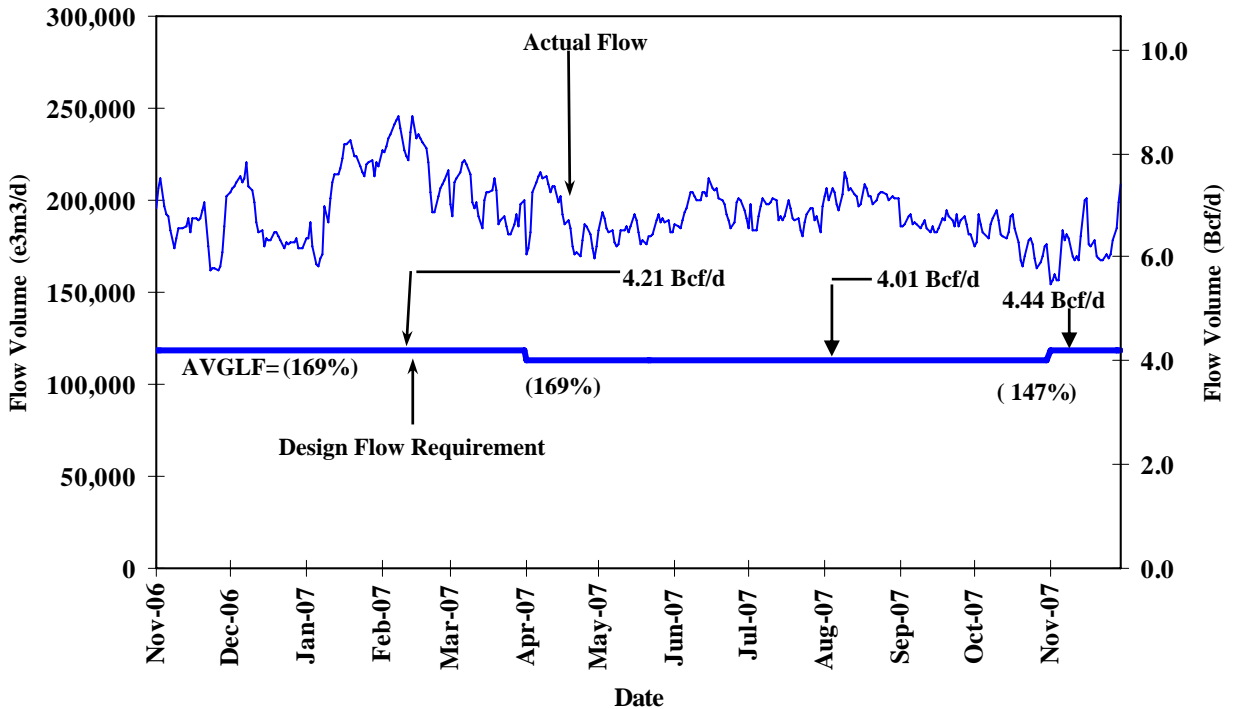
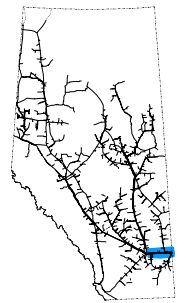
% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Jun	Jul	Aug	Sep	Oct	Nov
	134	127	136	126	122	119

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)



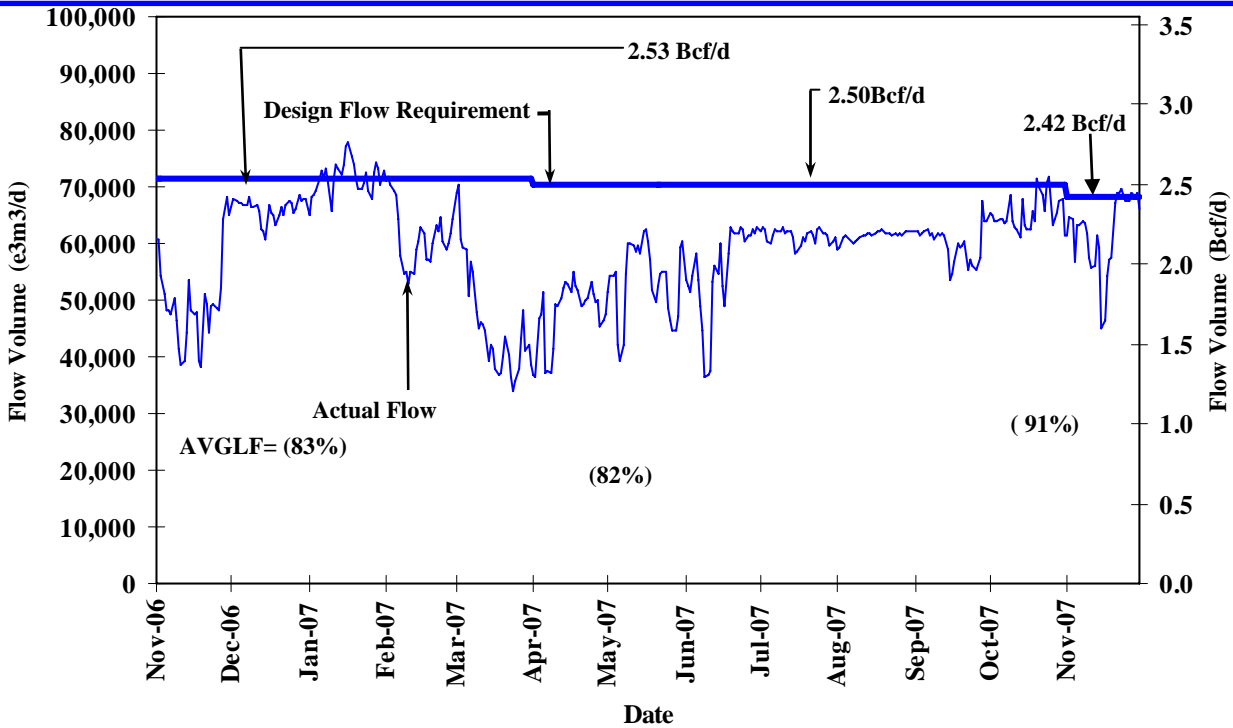
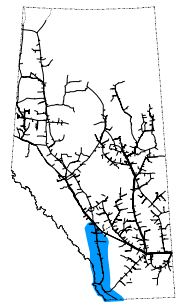
% Design Delivery Utilization						
<i>(Notice: Average Actual Flow as a Percentage of Design Flow Requirements)</i>						
	Jun	Jul	Aug	Sep	Oct	Nov
FT ¹ Volume	146	144	151	147	142	124
FT ¹ + IT Volume	167	163	171	158	151	147

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)						
	Jun	Jul	Aug	Sep	Oct	Nov
FT ¹ Volume	76	84	84	83	87	89
FT ¹ + IT Volume	77	86	86	86	91	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

September 1, 2007 to November 30, 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	100	100	0	0	0
	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⁾	IT-D Service	Firm Service	Firm Service	% CD Restricted ⁽¹⁾	
		Available ⁽²⁾	Available	Restriction	Restricted ⁽¹⁾	
	(% 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	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

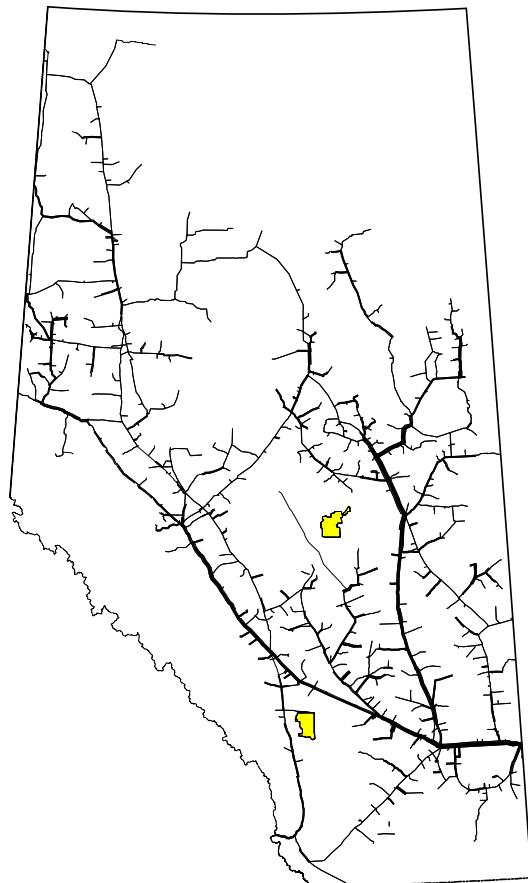
Firm Transportation Service Type	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Receipt - Summer construction (generally south of Edmonton)	November 1, 2006	November 2007
	November 1, 2007	November 2008
Receipt - Winter construction (generally north of Edmonton)	April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

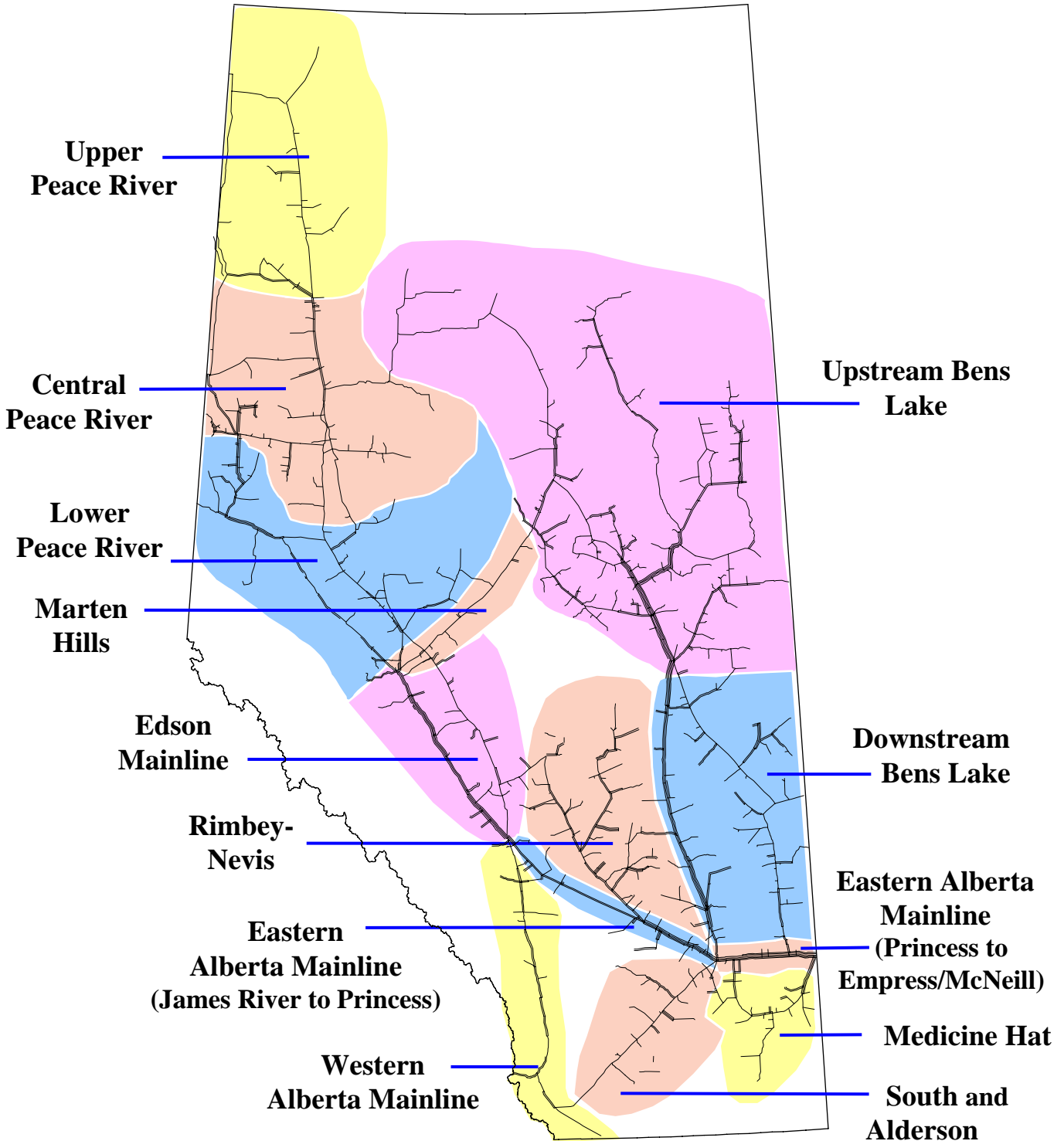
Service availability is affected by a number of factors including scheduled and unscheduled maintenance, construction or other outages.

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

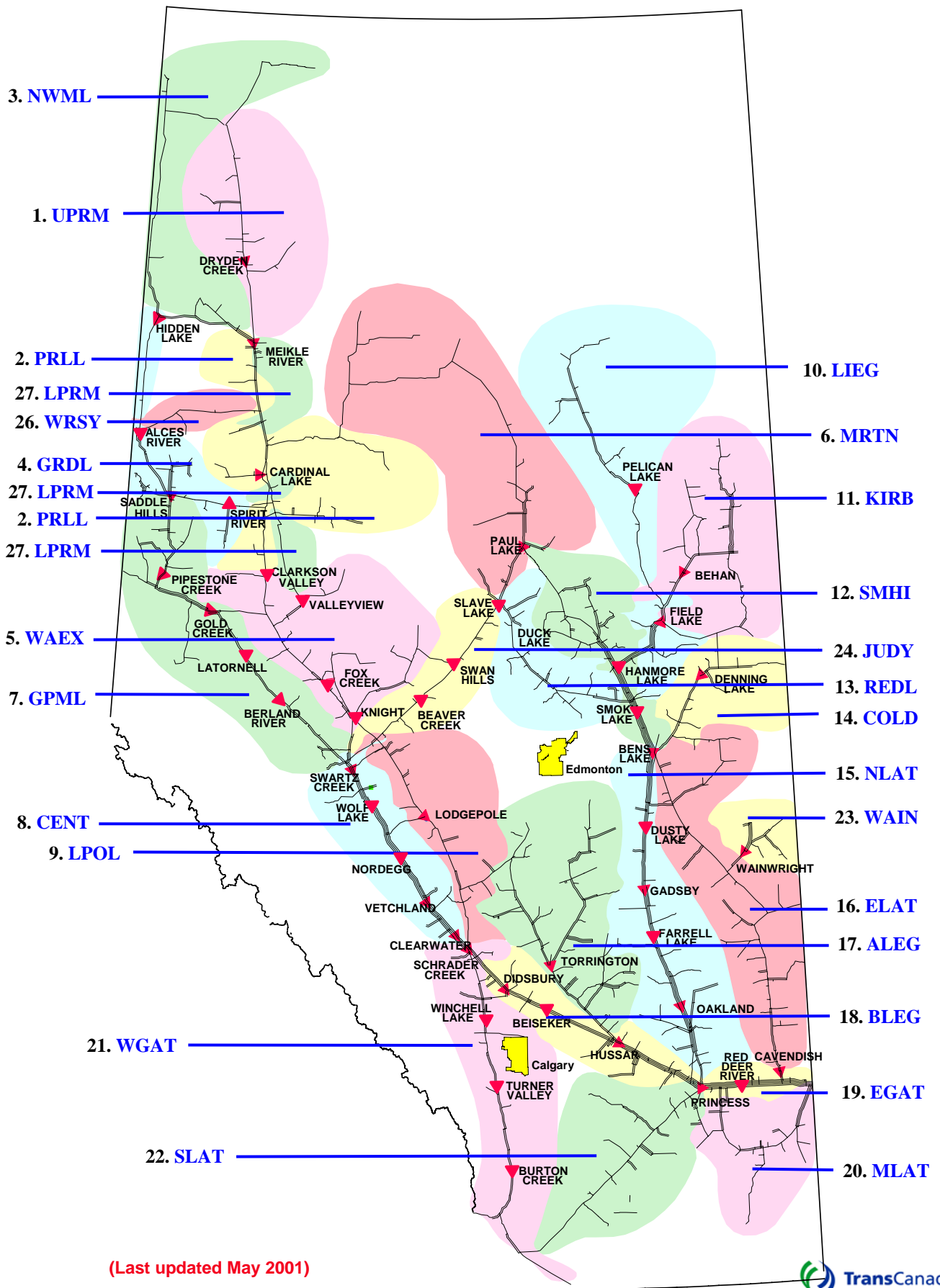
The Future Firm Transportation Service Availability report presents guidelines and timing for all future firm transportation service requests.

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