

# SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending  
June, 2007

*Published date:*  
February 06, 2008

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## Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during April, 2007 - June, 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 April 1, 2007 – June 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 April 1, 2007 – June 30, 2007, 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. If you wish to address a question at the FLC meeting, call Bob one week prior to the next meeting. Generally, meetings are scheduled for the second Wednesday of every other month (ie. Jan, Mar, May, etc).

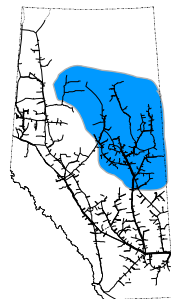
# FIRM TRANSPORTATION SERVICE<sup>1</sup> CONTRACT UTILIZATION<sup>2</sup>

By NGTL Pipeline Segments

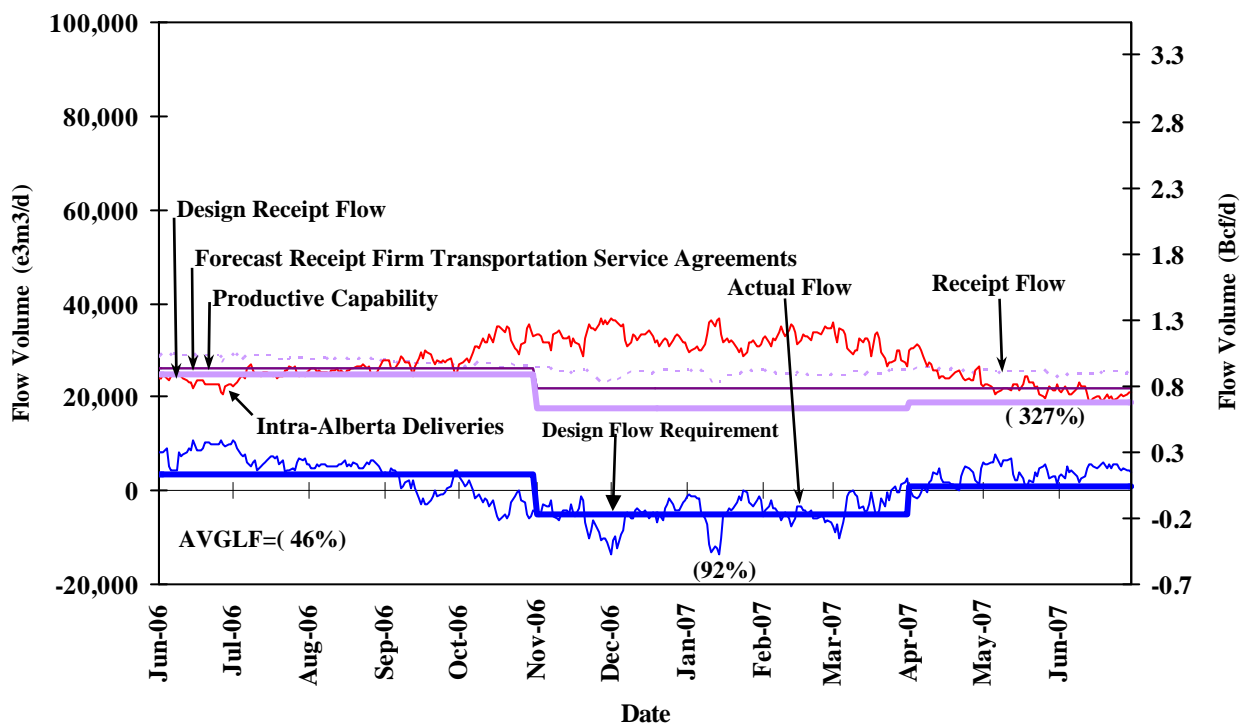
Segment	Receipt Contract	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jun CD (m mcf/d)
UPRM <sup>4</sup>	FT	88%	87%	81%	87%	87%	86%	210
	FT + IT	92%	91%	85%	94%	93%	90%	
LPRM <sup>4</sup>	FT	88%	92%	96%	95%	95%	95%	24
	FT + IT	130%	133%	139%	146%	139%	141%	
PRLL <sup>4</sup>	FT	88%	92%	92%	92%	91%	90%	224
	FT + IT	111%	112%	116%	118%	115%	114%	
NWML <sup>4</sup>	FT	93%	94%	96%	96%	91%	95%	537
	FT + IT	100%	101%	103%	107%	101%	104%	
GRDL <sup>4</sup>	FT	90%	93%	94%	94%	94%	90%	311
	FT + IT	112%	126%	118%	127%	117%	118%	
WRSY <sup>4</sup>	FT	89%	92%	94%	95%	97%	95%	35
	FT + IT	134%	131%	132%	157%	158%	149%	
WAEX	FT	83%	89%	93%	93%	91%	91%	325
	FT + IT	124%	136%	144%	162%	144%	151%	
JUDY	FT	96%	98%	94%	95%	97%	99%	108
	FT + IT	126%	124%	121%	118%	129%	130%	
GPML	FT	94%	95%	95%	93%	93%	91%	2,031
	FT + IT	108%	109%	112%	118%	116%	107%	
CENT	FT	95%	96%	97%	95%	95%	95%	1,237
	FT + IT	111%	110%	111%	111%	112%	110%	
LPOL	FT	94%	92%	93%	94%	94%	95%	478
	FT + IT	122%	120%	123%	129%	134%	126%	
WGAT	FT	94%	94%	94%	95%	93%	88%	443
	FT + IT	109%	111%	111%	110%	110%	107%	
ALEG	FT	88%	87%	90%	92%	91%	87%	1,253
	FT + IT	103%	102%	107%	111%	111%	109%	
SLAT	FT	84%	85%	92%	92%	93%	93%	357
	FT + IT	104%	103%	113%	112%	117%	117%	
MLAT	FT	96%	95%	95%	95%	95%	93%	321
	FT + IT	105%	105%	106%	103%	103%	102%	
BLEG	FT	97%	97%	97%	97%	96%	95%	676
	FT + IT	107%	107%	106%	105%	108%	107%	
EGAT	FT	92%	94%	96%	95%	94%	96%	64
	FT + IT	106%	107%	109%	110%	112%	109%	
MRTN	FT	87%	87%	88%	87%	88%	87%	197
	FT + IT	101%	102%	103%	112%	104%	102%	
LIEG	FT	73%	74%	75%	79%	82%	82%	108
	FT + IT	115%	115%	123%	140%	133%	131%	
KIRB	FT	83%	80%	83%	91%	86%	90%	122
	FT + IT	135%	122%	119%	135%	139%	131%	
SMHI	FT	91%	90%	91%	94%	96%	96%	117
	FT + IT	155%	147%	148%	150%	140%	136%	
REDL	FT	85%	93%	93%	91%	91%	92%	95
	FT + IT	130%	142%	140%	141%	136%	134%	
COLD	FT	78%	84%	86%	86%	80%	85%	71
	FT + IT	106%	105%	110%	106%	113%	113%	
NLAT	FT	93%	90%	92%	93%	93%	92%	375
	FT + IT	121%	115%	116%	116%	117%	115%	
WAIN	FT	85%	87%	91%	82%	86%	86%	22
	FT + IT	127%	127%	137%	132%	131%	127%	
ELAT	FT	90%	91%	91%	92%	91%	91%	228
	FT + IT	129%	129%	128%	130%	126%	128%	
TOTAL SYSTEM	FT	92%	92%	93%	93%	93%	92%	9,970
	FT + IT	110%	111%	113%	117%	115%	113%	
Segment	Delivery Contract	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jun CD (GJ/d)
Em press	FT	100%	99%	99%	97%	100%	99%	4,732,474
	FT + IT	121%	123%	118%	121%	119%	114%	
M cNeill	FT	91%	99%	84%	82%	86%	96%	1,865,268
	FT + IT	102%	113%	86%	82%	96%	108%	
A B C	FT	95%	88%	67%	72%	79%	82%	2,513,587
	FT + IT	102%	89%	67%	72%	79%	82%	

**\*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

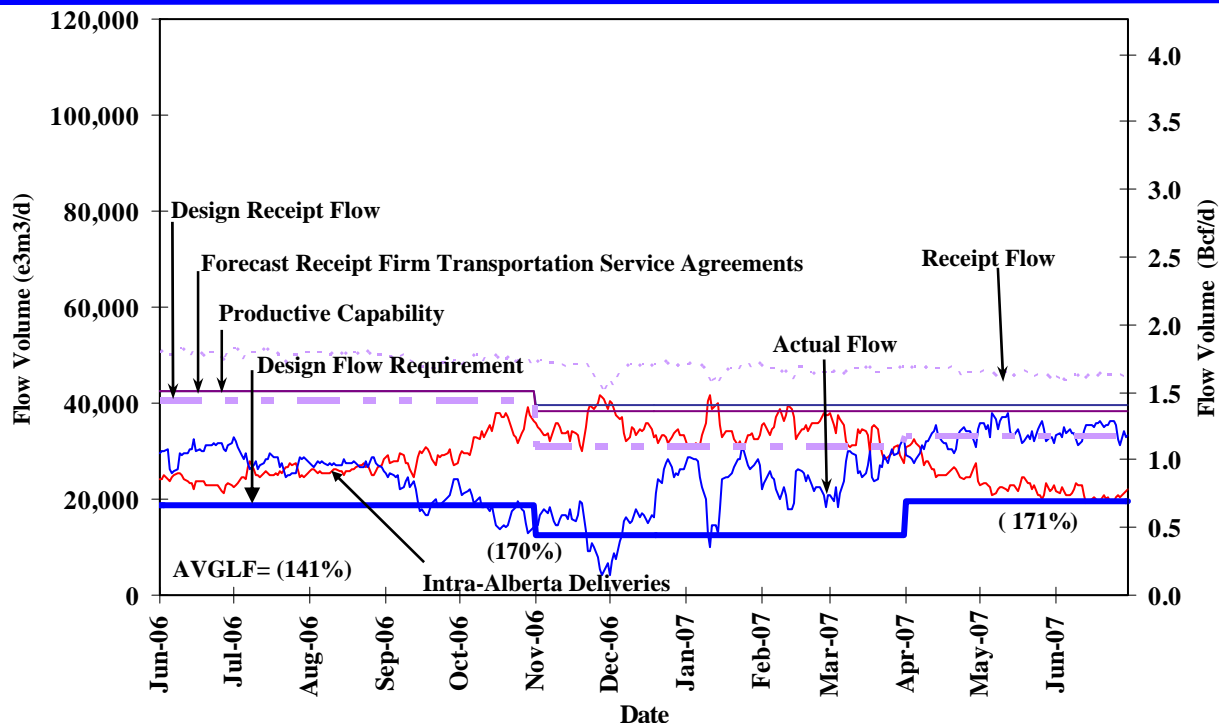
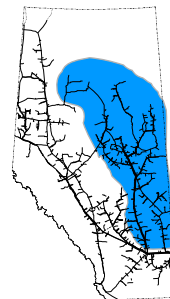


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jan	Feb	Mar	Apr	May	Jun
FT-R Volume	97	100	101	100	100	102
FT-R + IT Volume	141	141	143	147	143	142

**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	Jan	Feb	Mar	Apr	May	Jun
	88	100	52	178	395	406

# DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE



## % Design Receipt Utilization

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

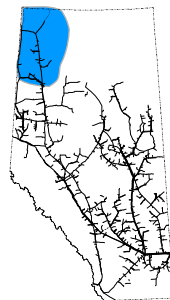
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	108	110	111	109	109	110
FT-R + IT Volume	152	151	152	152	150	148

**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.

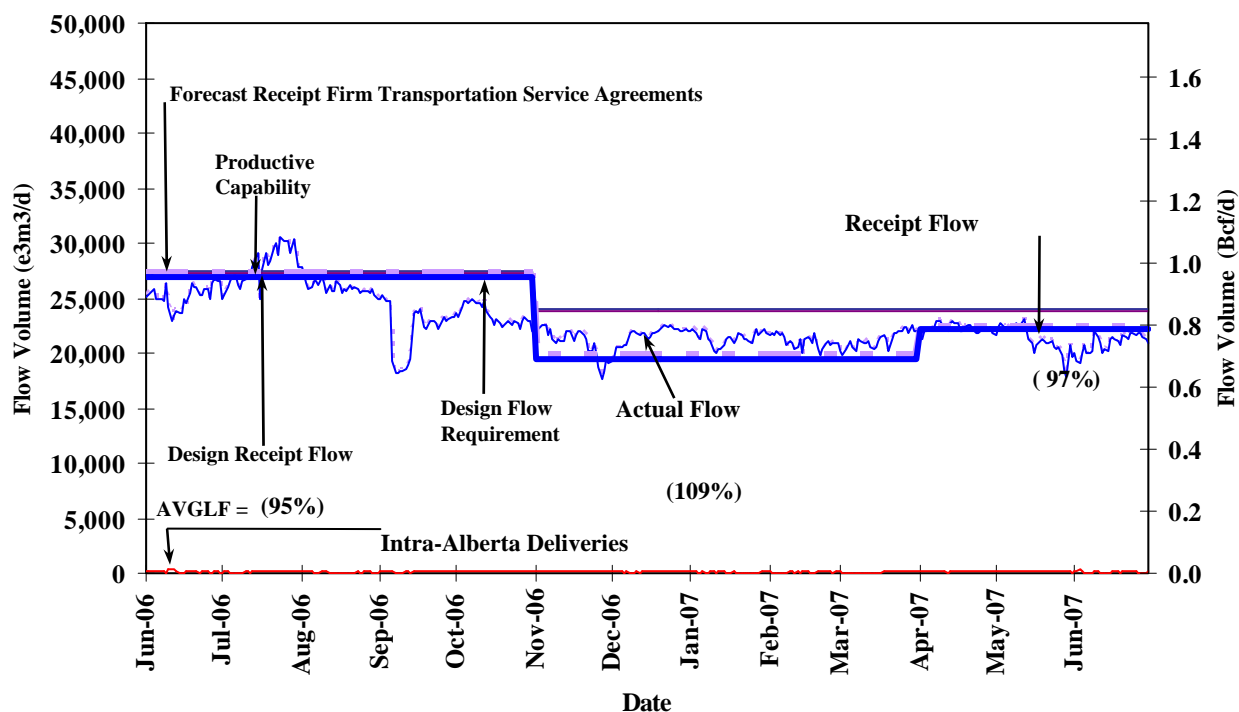
## % Design Flow Requirements Utilization

Monthly Average Actual Flow as a Percentage of Design Flow Requirements

	Jan	Feb	Mar	Apr	May	Jun
Average Flow/ Design Capacity	195	181	215	162	176	175



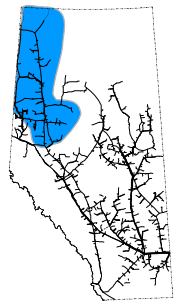
# DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



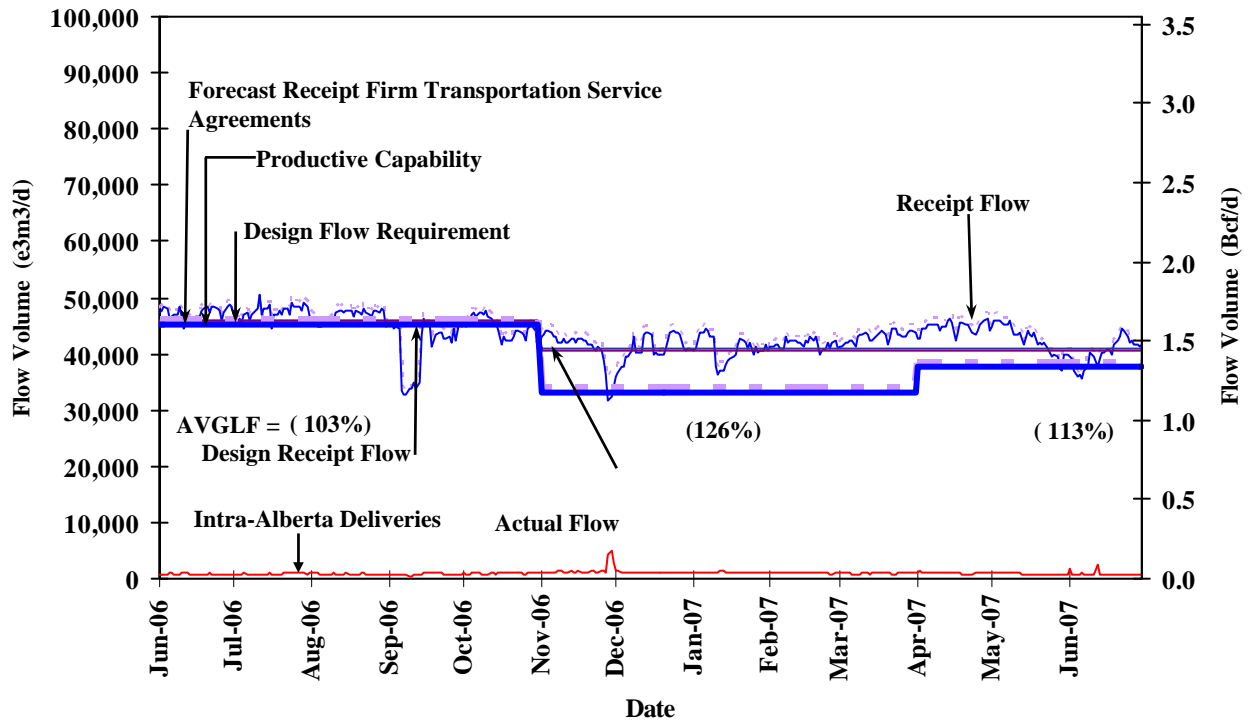
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	102	100	100	102	99	98
FT-R + IT Volume	109	107	108	113	108	106

**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	Jan	Feb	Mar	Apr	May	Jun
	110	108	109	100	96	94



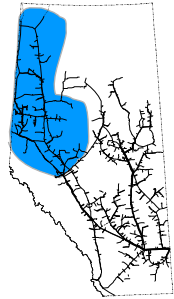
# DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER



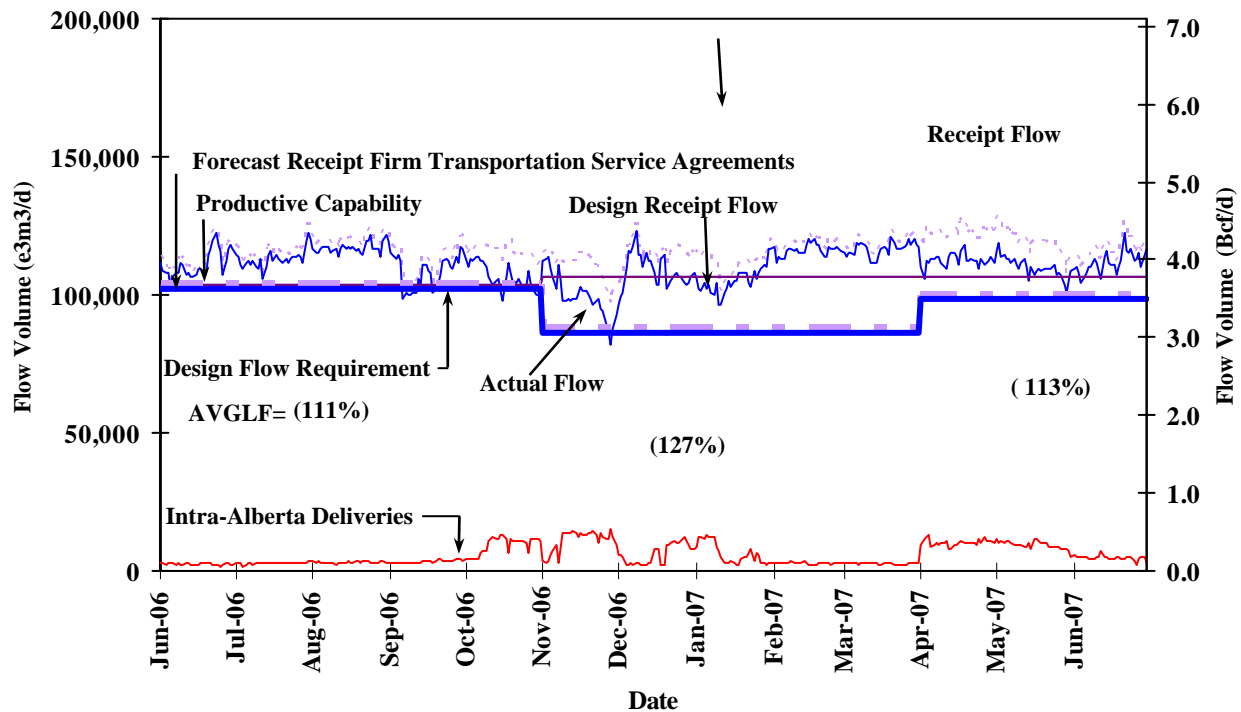
% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	107	108	112	111	109	102
FT-R + IT Volume	124	127	131	136	129	122

**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	Jan	Feb	Mar	Apr	May	Jun
	124	127	130	119	113	107



# DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER

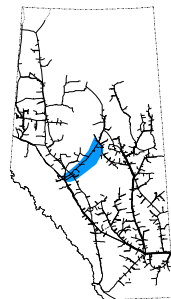


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	108	110	110	108	109	108
FT-R + IT Volume	127	130	133	140	136	132

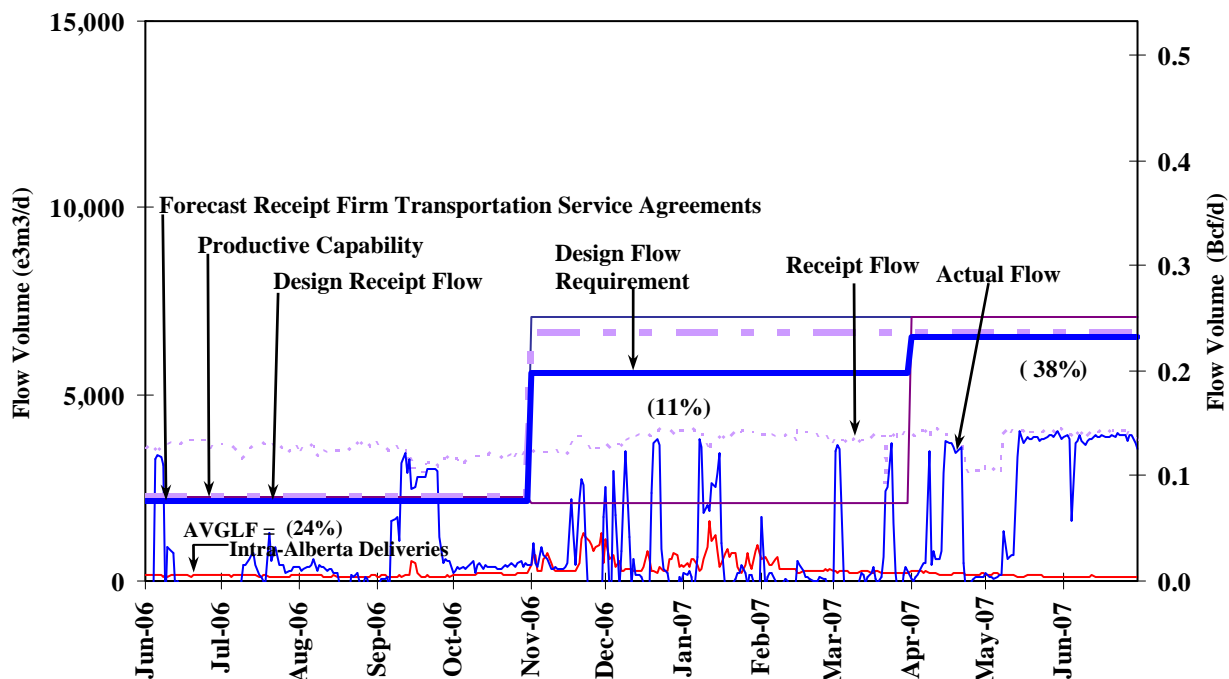
**NOTE:** Utilization data is based upon billed monthly volumes expressed as a percentage of design receipt flow. Design receipt flow is the amount of receipt flow for which the area was designed.

% Design Flow Requirements Utilization						
Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Jan	Feb	Mar	Apr	May	Jun
	122	135	136	114	112	113





# DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



## % Design Receipt Utilization

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

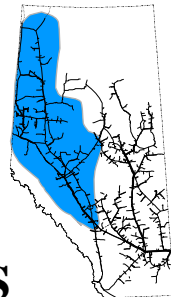
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	51	53	51	50	49	51
FT-R + IT Volume	67	67	65	63	65	68

**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.

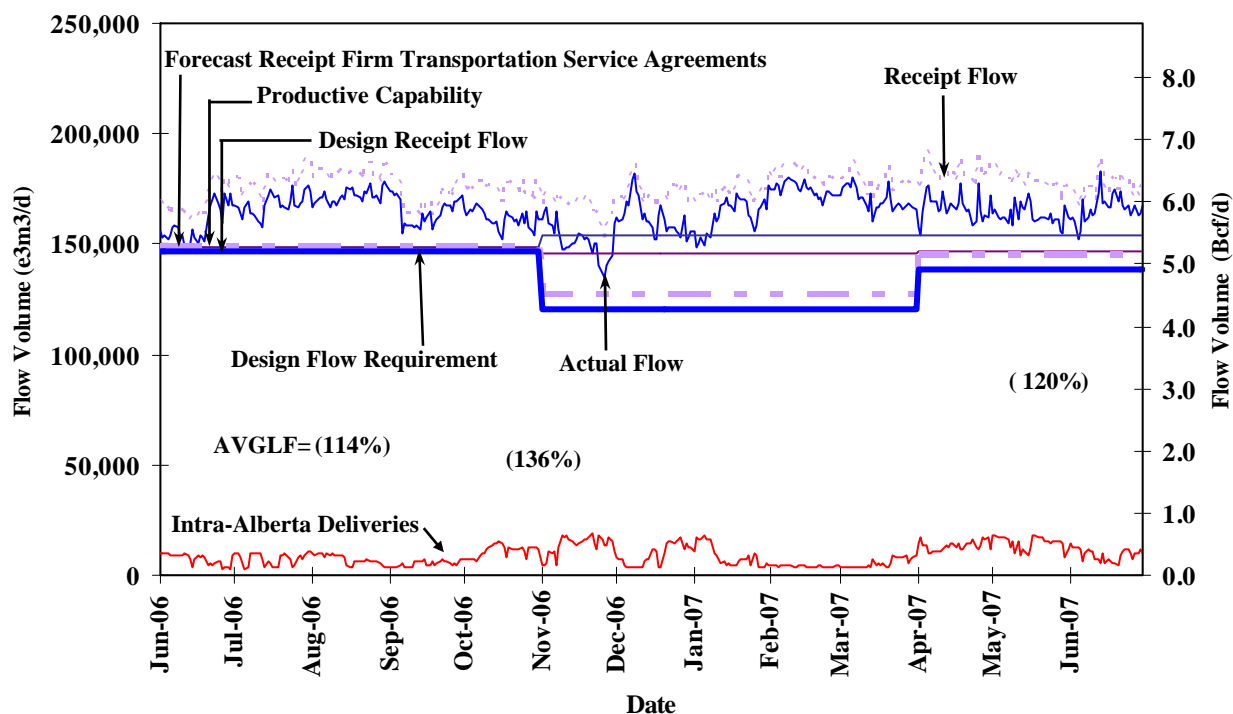
## % Design Flow Requirements Utilization

Monthly Average Actual Flow as a Percentage of Design Flow Requirements

	Jan	Feb	Mar	Apr	May	Jun
Average Flow/ Design Capacity	15	2	11	19	38	58



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

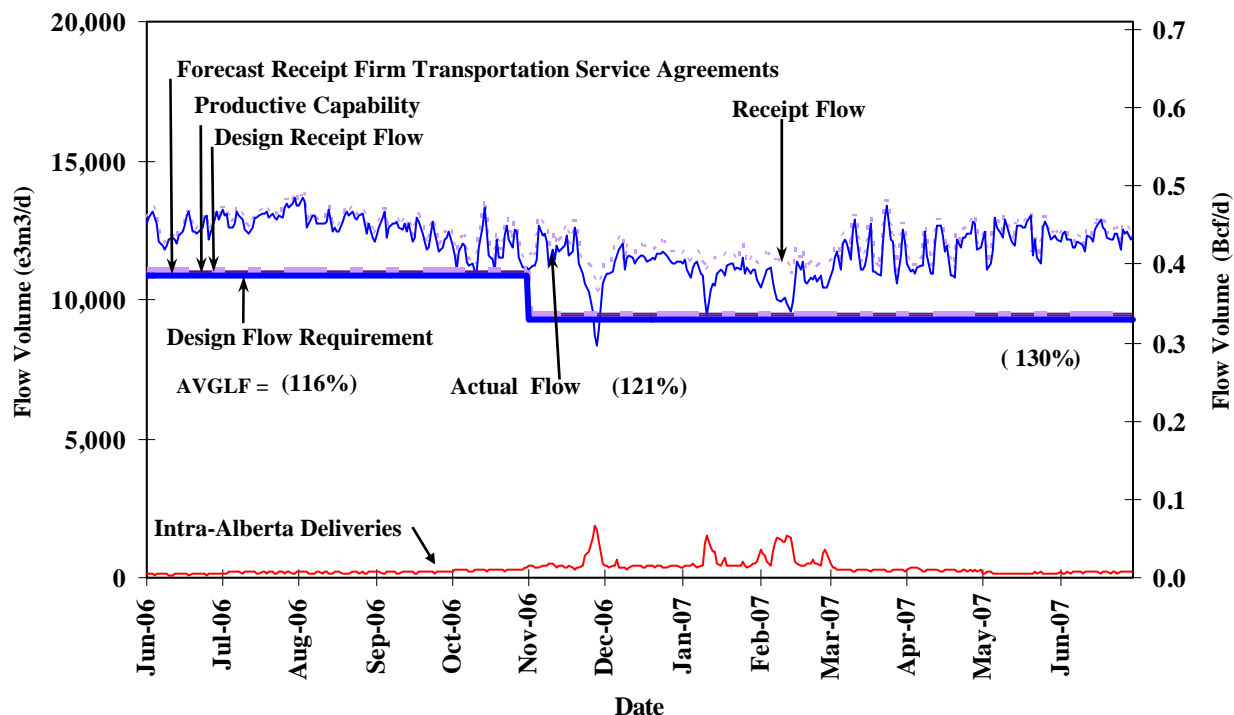
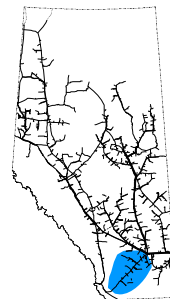


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	109	111	112	109	110	110
FT-R + IT Volume	130	132	135	139	138	134

**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	Jan	Feb	Mar	Apr	May	Jun
	136	145	141	121	118	120

# DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON

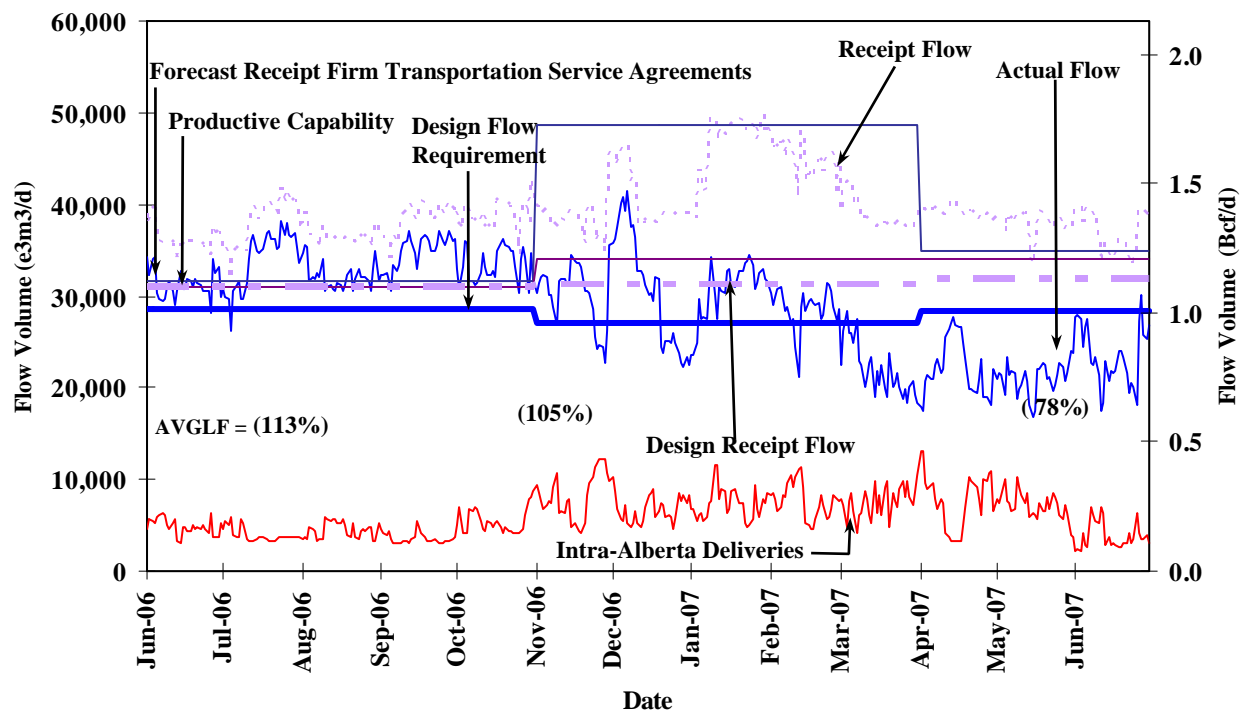
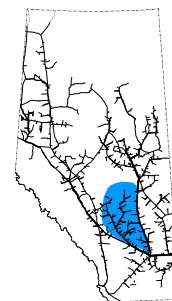


% Design Receipt Utilization						
(Notice: The Percentages are not the same as the Contract Utilization Percentages)						
	Jan	Feb	Mar	Apr	May	Jun
FT Volume	99	99	104	105	106	105
FT-R + IT Volume	123	121	127	128	132	132

**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	Jan	Feb	Mar	Apr	May	Jun
	118	114	126	127	132	132

# DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS



## % Design Receipt Utilization

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

	Jan	Feb	Mar	Apr	May	Jun
FT Volume	104	102	103	104	103	98
FT-R + IT Volume	122	120	122	126	126	123

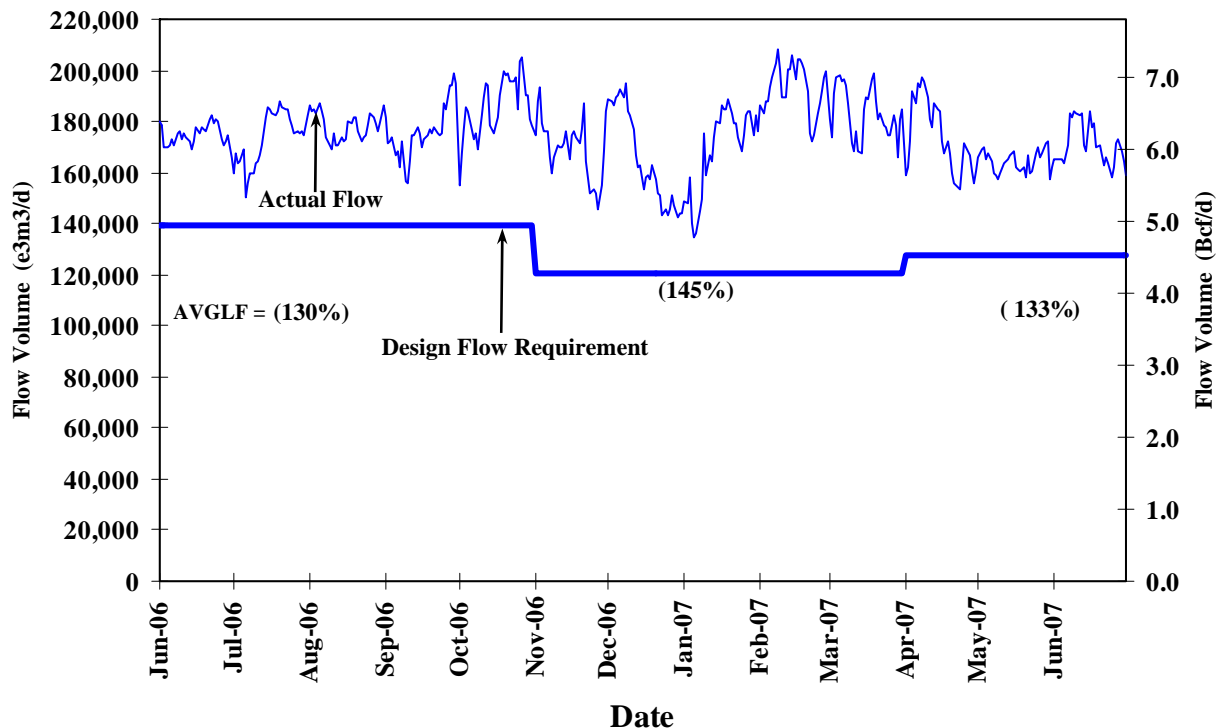
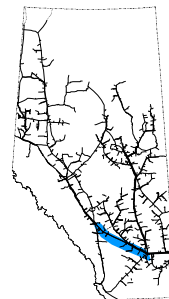
**NOTE:** Utilization data is based upon billed monthly volumes expressed as a percentage of design receipt flow. Design receipt flow is the amount of receipt flow for which the area was designed.

## % Design Flow Requirements Utilization

Monthly Average Actual Flow as a Percentage of Design Flow Requirements

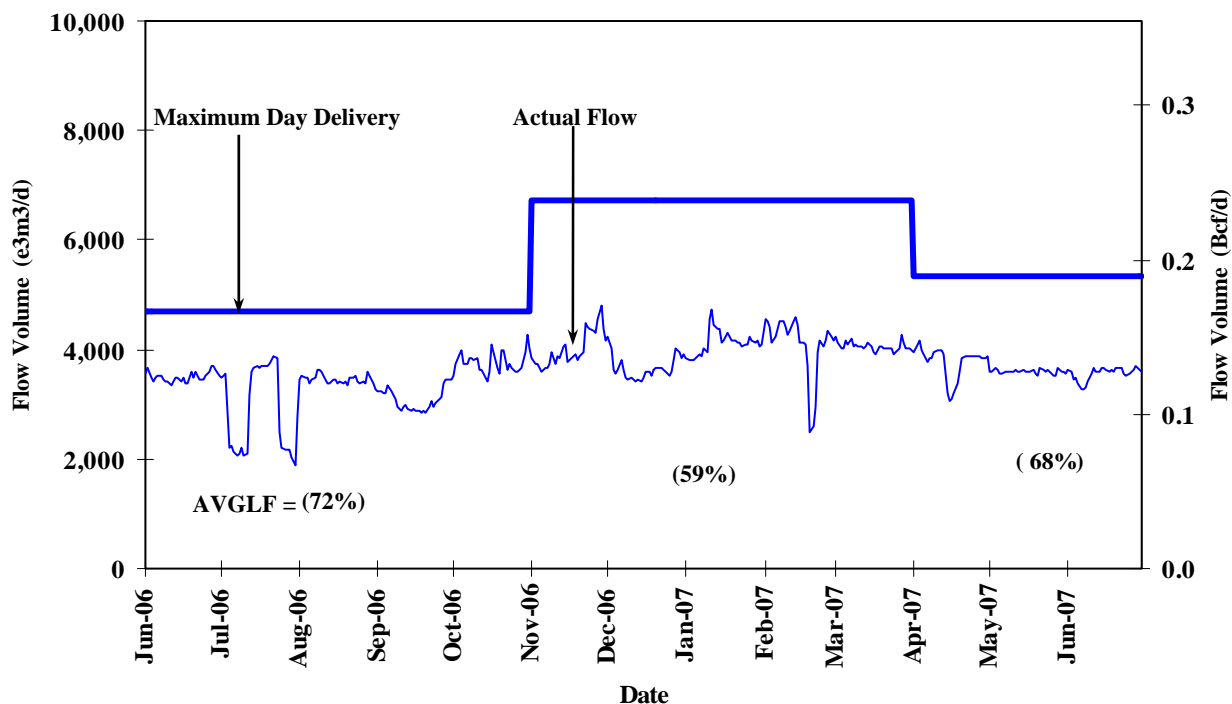
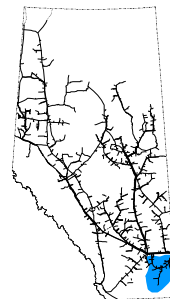
	Jan	Feb	Mar	Apr	May	Jun
Average Flow/ Design Capacity	114	107	81	78	74	82

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



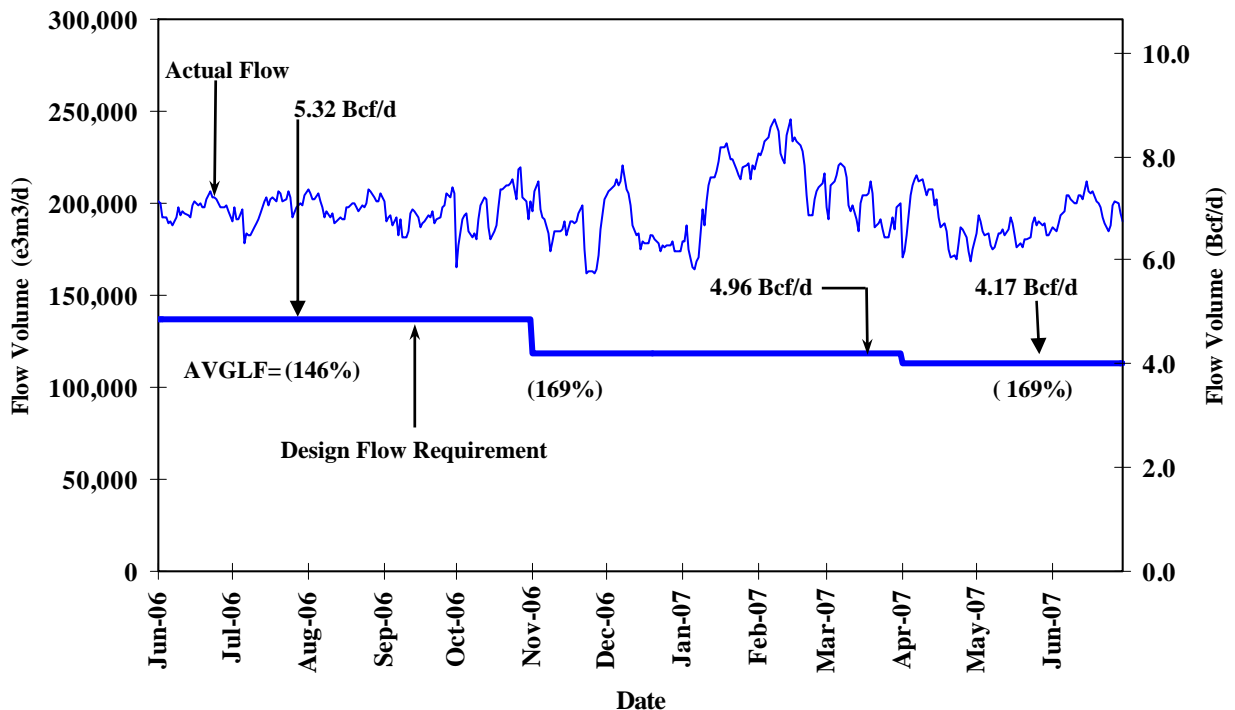
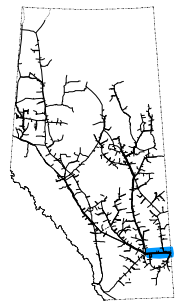
<b>% Design Flow Requirements Utilization</b> Monthly Average Actual Flow as a Percentage of Design Flow Requirements						
Average Flow/ Design Capacity	Jan	Feb	Mar	Apr	May	Jun
	140	160	152	136	129	134

# 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)



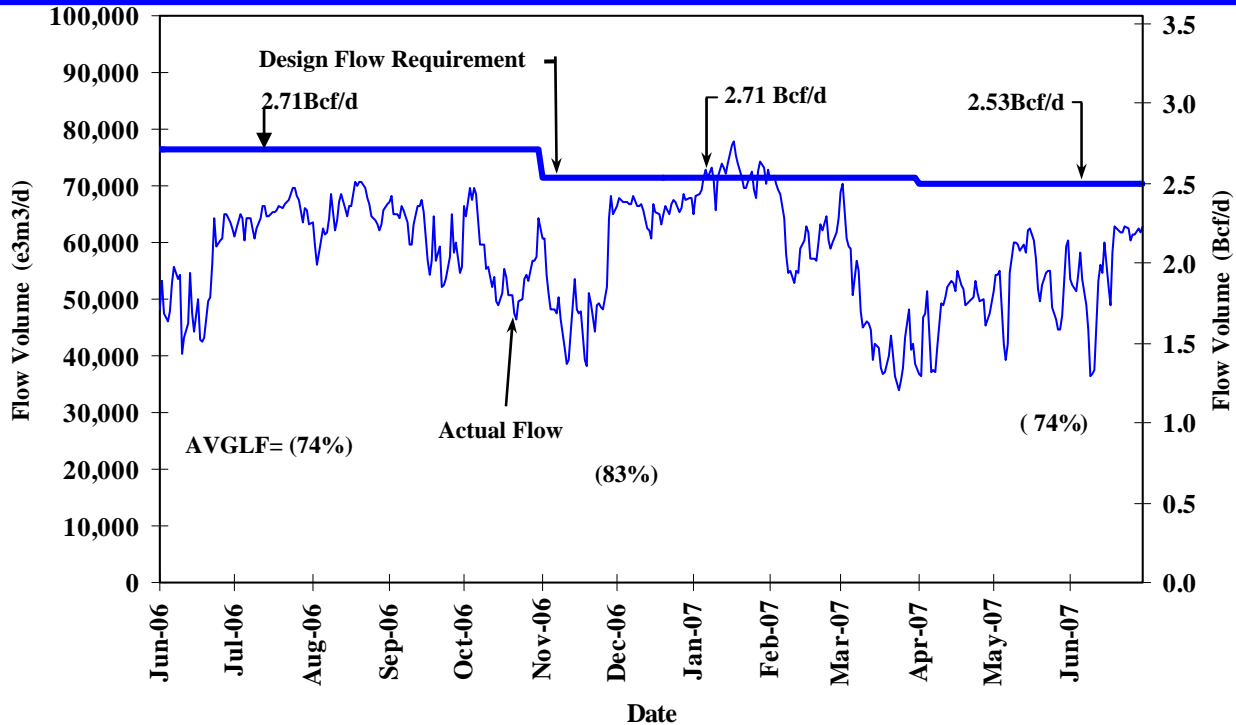
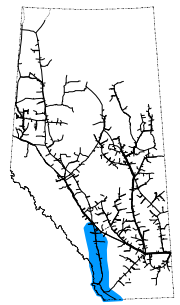
% Design Delivery Utilization (Notice: Average Actual Flow as a Percentage of Design Flow Requirements)						
	Jan	Feb	Mar	Apr	May	Jun
FT <sup>1</sup> Volume	146	155	146	129	133	146
FT <sup>1</sup> + IT Volume	173	187	168	161	156	167

## 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)						
	Jan	Feb	Mar	Apr	May	Jun
FT <sup>1</sup> Volume	93	85	64	67	74	76
FT <sup>1</sup> + IT Volume	100	86	64	67	75	77

## 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

April 1, 2007 to June 30, 2007 (3 Month Average)

Receipt Area	Segment	IT-R Service	Firm Service	Firm Service	% CD	
		Available (% of time)	Available (% of time)	Restriction (% of time)	Restricted <sup>(1)</sup> Max	Average
Peace River	UPRM 1	96	96	4	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 <sup>(2)</sup> (% of time)	IT-D Service	Firm Service	Firm Service	% CD Restricted <sup>(1)</sup>	
		Available <sup>(2)</sup> (% of time)	Available (% of time)	Restriction (% 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

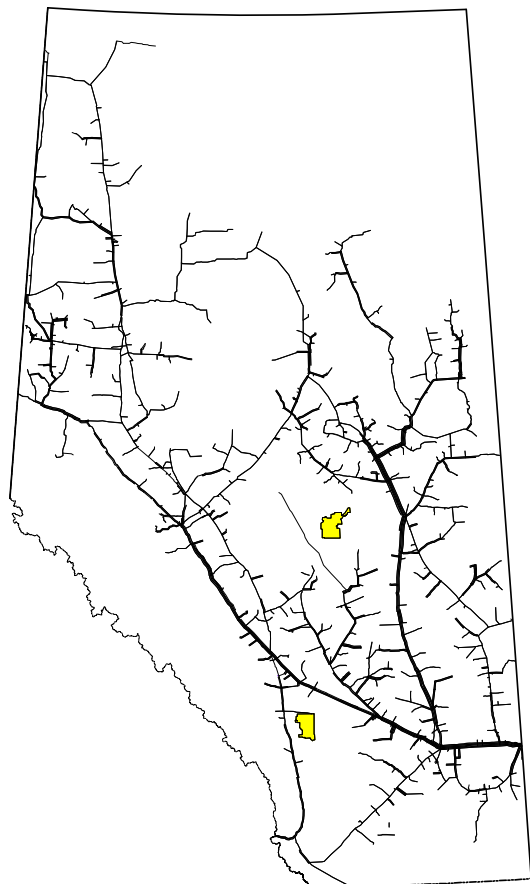
Firm Transportation Service Type	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Receipt - Summer construction (generally south of Edmonton)	November 1, 2006 November 1, 2007	November 2007 November 2008
Receipt - Winter construction (generally north of Edmonton)	April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

# System Utilization Quarterly Report No. 59, Second Quarter 2007

## Compressor Utilization Summaries

Date: Apr. 1, 2007 to Jun. 30, 2007

### Peace River

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
1 Alces River Unit #1	3,480	0.0	2184.0	100.00	100.00	0.00	0.00
Alces River B Unit #2	10,939	25.8	2154.4	99.83	98.64	1.18	0.17
Berland River Unit#1	21,830	2173.2	0.3	99.52	0.01	99.51	0.48
Cardinal Lake Unit#1	820	28.0	2152.4	99.84	98.55	1.28	0.16
Cardinal Lake Unit#2	820	34.0	2150.0	100.00	98.44	1.56	0.00
Cardinal Lake Unit#3	820	26.6	2153.6	99.83	98.61	1.22	0.17
Clarkson Valley Unit#1	15,936	2150.1	10.3	98.92	0.47	98.45	1.08
Fox Creek Unit#1	15,570	1006.0	787.6	82.12	36.06	46.06	17.88
Gold Creek Unit#1	10,968	1918.3	43.2	89.81	1.98	87.83	10.19
Gold Creek Unit#2	25,427	2025.6	12.8	93.33	0.59	92.75	6.67
Hidden Lake Unit #1	11,078	1502.8	445.2	89.19	20.38	68.81	10.81
Knight Unit #3	13,291	529.2	1651.3	99.84	75.61	24.23	0.16
Knight Unit #4	13,396	1724.7	453.2	99.72	20.75	78.97	0.28
Latornell Unit #1	28,110	1861.9	178.3	93.42	8.16	85.25	6.58
Meikle River Unit #1	3,577	1990.4	88.3	95.18	4.04	91.14	4.82
Meikle River B Unit #2	3,504	842.3	1202.4	93.62	55.05	38.57	6.38
1 Mobile Unit #4 (Meikle River)	3,231	1219.5	612.9	83.90	28.06	55.84	16.10
1 Mobile Unit #6 (Dryden Creek)	3,320	2015.5	164.2	99.80	7.52	92.28	0.20
Pipestone Creek Unit #1	29,923	0.0	1989.7	91.10	91.10	0.00	8.90
Saddle Hills Unit #1	3,486	543.5	1509.2	93.99	69.10	24.89	6.01
Saddle Hills Unit #2	6,711	0.0	2.3	0.11	0.11	0.00	99.89
Saddle Hills Unit #3	7,953	1571.3	589.9	98.96	27.01	71.95	1.04
1 Thunder Creek Unit #1	3,414	819.9	1319.1	97.94	60.40	37.54	2.06
Valleyview Unit #1	3,747	8.4	2092.7	96.20	95.82	0.38	3.80
<b>Total</b>	<b>241,351</b>			<b>91.51</b>	<b>45.69</b>	<b>45.82</b>	<b>8.49</b>
<b>Power Adjusted Usage</b>						<b>58.30</b>	

1. Units required under peak flow conditions

### Marten Hills

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
1 Beaver Creek Unit #1	955	2.4	1820.1	83.45	83.34	0.11	16.55
1 Beaver Creek Unit #2	955	0.0	1628.7	74.57	74.57	0.00	25.43
1 Beaver Creek Unit #3	955	1.4	1820.0	83.40	83.33	0.06	16.60
1 Beaver Creek Unit #4	955	0.0	2.3	0.11	0.11	0.00	99.89
1 Beaver Creek Unit #5	955	0.0	2.3	0.11	0.11	0.00	99.89
<b>Total</b>	<b>4,775</b>			<b>48.33</b>	<b>48.29</b>	<b>0.03</b>	<b>51.67</b>
<b>Power Adjusted Usage</b>						<b>0.03</b>	

1. Units required under peak flow conditions

# System Utilization Quarterly Report No. 59, Second Quarter 2007

## Compressor Utilization Summaries

Date: Apr. 1, 2007 to Jun. 30, 2007

### ***Rimbey/Nevis***

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
Hussar Unit #6	13,964	968.3	1116.2	95.44	51.11	44.34	4.56
Hussar Unit #7	13,964	1134.7	975.7	96.63	44.67	51.96	3.37
Mobile Unit #8 (Torrington)	7,236	57.3	2123.7	99.86	97.24	2.62	0.14
<b>Total</b>	<b>35,164</b>			<b>97.31</b>	<b>64.34</b>	<b>32.97</b>	<b>2.69</b>
<b>Power Adjusted Usage</b>						<b>38.78</b>	

### ***Edson Mainline***

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
1 Clearwater Unit #1	22,044	1450.7	629.1	95.23	28.80	66.42	4.77
Clearwater Unit #5	20,966	1796.9	293.1	95.70	13.42	82.28	4.30
Lodgepole Unit #3	3,776	324.0	1837.7	98.98	84.14	14.84	1.02
Nordegg Unit #3	31,802	1372.0	782.4	98.64	35.82	62.82	1.36
1 Vetchland Unit #1	23,842	2008.4	163.1	99.43	7.47	91.96	0.57
1 Vetchland Unit #2	23,842	870.2	1313.8	100.00	60.16	39.84	0.00
Swartz Creek Unit #1	29,163	2147.6	23.9	99.43	1.09	98.33	0.57
Wolf Lake Unit #2	24,304	1248.9	43.1	59.16	1.97	57.18	40.84
<b>Total</b>	<b>179,739</b>			<b>93.32</b>	<b>29.11</b>	<b>64.21</b>	<b>6.68</b>
<b>Power Adjusted Usage</b>						<b>70.34</b>	

1. Units required under peak flow conditions

### ***Western Alberta Mainline***

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
Burton Creek Unit #1	15,820	121.0	2007.7	97.47	91.93	5.54	2.53
1 Burton Creek Unit #2	14,956	418.2	1710.4	97.46	78.32	19.15	2.54
Drywood Unit #1	3,800	271.6	1908.5	99.82	87.39	12.44	0.18
Schrader Creek Unit #2	13,591	1787.5	29.6	83.20	1.36	81.85	16.80
Turner Valley Unit #1	23,642	502.9	1503.6	91.87	68.85	23.03	8.13
Turner Valley Unit #2	23,642	911.3	1100.5	92.12	50.39	41.73	7.88
Winchell Lake Unit #1	23,873	1011.5	1172.2	99.99	53.67	46.31	0.01
<b>Total</b>	<b>119,324</b>			<b>94.56</b>	<b>61.70</b>	<b>32.86</b>	<b>5.44</b>
<b>Power Adjusted Usage</b>						<b>34.95</b>	

1. Units required under peak flow conditions

# System Utilization Quarterly Report No. 59, Second Quarter 2007

## Compressor Utilization Summaries

Date: Apr. 1, 2007 to Jun. 30, 2007

### North and East - North of Bens Lake

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
1 Bens Lake Unit #1	977	102.5	2058.2	98.93	94.24	4.69	1.07
1 Bens Lake Unit #2	977	150.1	2014.7	99.12	92.25	6.87	0.88
1 Bens Lake Unit #3	977	529.7	1637.5	99.23	74.98	24.25	0.77
1 Bens Lake Unit #4	3,539	3.0	2173.7	99.67	99.53	0.14	0.33
1 Bens Lake Unit #5	3,546	2.0	2177.4	99.79	99.70	0.09	0.21
Bens Lake Unit #6	4,724	2.1	2.8	0.22	0.13	0.10	99.78
1 Bens Lake Unit #7	977	148.4	2018.5	99.22	92.42	6.79	0.78
Mobile Unit #9 (Behan)	3,327	3.6	2179.9	99.98	99.81	0.16	0.02
1 Field Lake Unit #1	3,570	1.1	769.1	35.27	35.22	0.05	64.73
1 Field Lake Unit #2	3,570	3.6	862.0	39.63	39.47	0.16	60.37
Hanmore Lake Unit #1	541	554.2	1615.9	99.36	73.99	25.38	0.64
1 Hanmore Lake Unit #2	541	4.1	2175.2	99.78	99.60	0.19	0.22
1 Hanmore Lake Unit #3	3,407	7.1	2176.9	100.00	99.67	0.33	0.00
1 Hanmore Lake Unit #4	3,407	0.0	2170.3	99.37	99.37	0.00	0.63
Woodenhouse #1	7,953						
1 Mobile Unit #5 (Paul Lake)	3,090	632.5	1543.3	99.62	70.66	28.96	0.38
Paul Lake Unit #1	3,457	1551.6	629.5	99.87	28.82	71.04	0.13
1 Pelican Lake Unit #2	3,594	1.5	2182.5	100.00	99.93	0.07	0.00
1 Slave Lake Unit #1	978	0.0	2.3	0.11	0.11	0.00	99.89
1 Slave Lake Unit #2	978	687.4	1347.8	93.19	61.71	31.47	6.81
1 Slave Lake Unit #3	978	453.0	1636.3	95.66	74.92	20.74	4.34
1 Slave Lake Unit #4	978	484.4	1606.1	95.72	73.54	22.18	4.28
1 Smoky Lake Unit #1	978	1673.5	510.5	100.00	23.37	76.63	0.00
Smoky Lake Unit #2	978	969.4	1045.0	92.23	47.85	44.39	7.77
Smoky Lake Unit #3	978	1180.3	1001.3	99.89	45.85	54.04	0.11
1 Smoky Lake Unit #7	16,061	8.1	2145.2	98.59	98.22	0.37	1.41
Total	75,081			85.78	69.01	16.76	14.22
Power Adjusted Usage						8.58	

1. Units required under peak flow conditions

# System Utilization Quarterly Report No. 59, Second Quarter 2007

## Compressor Utilization Summaries

Date: Apr. 1, 2007 to Jun. 30, 2007

### North and East - South of Bens Lake

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
Cavendish Unit #1	1.4	1.4	2108.5	96.61	96.54	0.06	3.39
Cavendish Unit #2	4306.0	2179.6	1.1	99.85	0.05	99.80	0.15
1 Dusty Lake Unit #2	14200.0	1.2	2102.2	96.31	96.25	0.05	3.69
1 Dusty Lake Unit #3	15873.0	4.2	2097.3	96.22	96.03	0.19	3.78
Farrell Lake Unit #1	14004.0	25.0	1507.9	70.19	69.04	1.14	29.81
1 Farrell Lake Unit #2	15630.0	200.0	1547.2	80.00	70.84	9.16	20.00
1 Gadsby Unit #1	14244.0	0.0	2.3	0.11	0.11	0.00	99.89
1 Gadsby Unit #2	15797.0	8.6	4.1	0.58	0.19	0.39	99.42
1 Gadsby Unit #B3	7953.0	2164.4	19.6	100.00	0.90	99.10	0.00
1 Oakland Unit #1	14137.0	8.0	2086.3	95.89	95.53	0.37	4.11
1 Princess Unit #1	2,685	285.1	1789.7	95.00	81.95	13.05	5.00
1 Princess Unit #2	2,685	360.3	1717.3	95.13	78.63	16.50	4.87
1 Princess Unit #3	2,685	452.6	1627.2	95.23	74.51	20.72	4.77
1 Princess Unit #4	4,474	732.0	1345.1	95.11	61.59	33.52	4.89
1 Princess Unit #5	4,474	0.0	2.3	0.11	0.11	0.00	99.89
Wainwright Unit #2	1,790	427.1	1749.8	99.67	80.12	19.56	0.33
Wainwright Unit #3	1,230	8.2	2174.2	99.93	99.55	0.38	0.07
Wainwright Unit #4	1757.8	1757.8	421.3	99.78	19.29	80.49	0.22
<b>Total</b>	<b>137,926</b>			<b>78.65</b>	<b>56.74</b>	<b>21.92</b>	<b>21.35</b>
<b>Power Adjusted Usage</b>						<b>13.44</b>	

1. Units required under peak flow conditions

### Eastern Alberta Mainline

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
Acme Unit #1	26145.0	1658.2	390.4	93.80	17.88	75.92	6.20
1 Beiseker Unit #1	11857.0	435.1	1611.1	93.69	73.77	19.92	6.31
1 Beiseker Unit #2	11857.0	471.2	1687.5	98.84	77.27	21.58	1.16
Crawling Valley Unit #1	26104.0	1883.6	300.4	100.00	13.75	86.25	0.00
1 Didsbury Unit #5	794.0	2.2	2181.8	100.00	99.90	0.10	0.00
1 Didsbury Unit #6	731.0	0.0	2.3	0.11	0.11	0.00	99.89
Hussar Unit #8	13964.0	1671.4	278.2	89.27	12.74	76.53	10.73
Jenner Unit #1	23555.0	2184.0	0.0	100.00	0.00	100.00	0.00
Jenner Unit #2	18000.0	0.0	2.3	0.11	0.11	0.00	99.89
Princess Unit #6	19749.0	2010.1	73.3	95.39	3.36	92.04	4.61
Red Deer River Unit #1	24355.0	1002.2	1067.0	94.74	48.86	45.89	5.26
Red Deer River Unit #2	24355.0	2100.9	71.5	99.47	3.27	96.20	0.53
Shrader Creek Unit #1	26251.0	2176.6	5.3	99.90	0.24	99.66	0.10
Schrader Creek Unit #3	13697.0	1653.5	527.7	99.87	24.16	75.71	0.13
<b>Total</b>	<b>241,414</b>			<b>83.23</b>	<b>26.82</b>	<b>56.41</b>	<b>16.77</b>
<b>Power Adjusted Usage</b>						<b>70.77</b>	

1. Units required under peak flow conditions

# System Utilization Quarterly Report No. 59, Second Quarter 2007

## Compressor Utilization Summaries

Date: Apr. 1, 2007 to Jun. 30, 2007

### ***B.C. System***

Compressor Unit	Site Rated Power - Kw	Running Hours	No Demand Hours	Availability %	No Demand %	Usage %	Outage %
1 Crowsnest E	10888.0	0.0	2184.0	100.00	100.00	0.00	0.00
1 Crowsnest F	10888.0	1.7	2176.1	99.72	99.64	0.08	0.28
Crowsnest G	9126.0	2.2	493.9	22.72	22.61	0.10	77.28
Crowsnest K	28723.0	2151.3	22.7	99.54	1.04	98.50	0.46
Crowsnest 2 H	12529.0	287.6	1621.5	87.41	74.24	13.17	12.59
Crowsnest 2 J	12529.0	157.7	2013.5	99.41	92.19	7.22	0.59
1 Elko A	11930.0	55.4	2026.4	95.32	92.78	2.54	4.68
Elko B	13528.0	1717.6	462.1	99.80	21.16	78.64	0.20
Elko C	13369.0	1140.5	981.9	97.18	44.96	52.22	2.82
1 Moyie B	11930.0	6.0	2096.0	96.25	95.97	0.27	3.75
Moyie C	13281.0	1034.9	1084.7	97.05	49.67	47.39	2.95
Moyie D	13389.0	512.9	1610.6	97.23	73.75	23.48	2.77
Total	162,110			90.97	64.00	26.97	9.03
Power Adjusted Usage						35.94	

1. Units required under peak flow conditions

# HOW TO USE THIS REPORT

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## **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

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## **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.

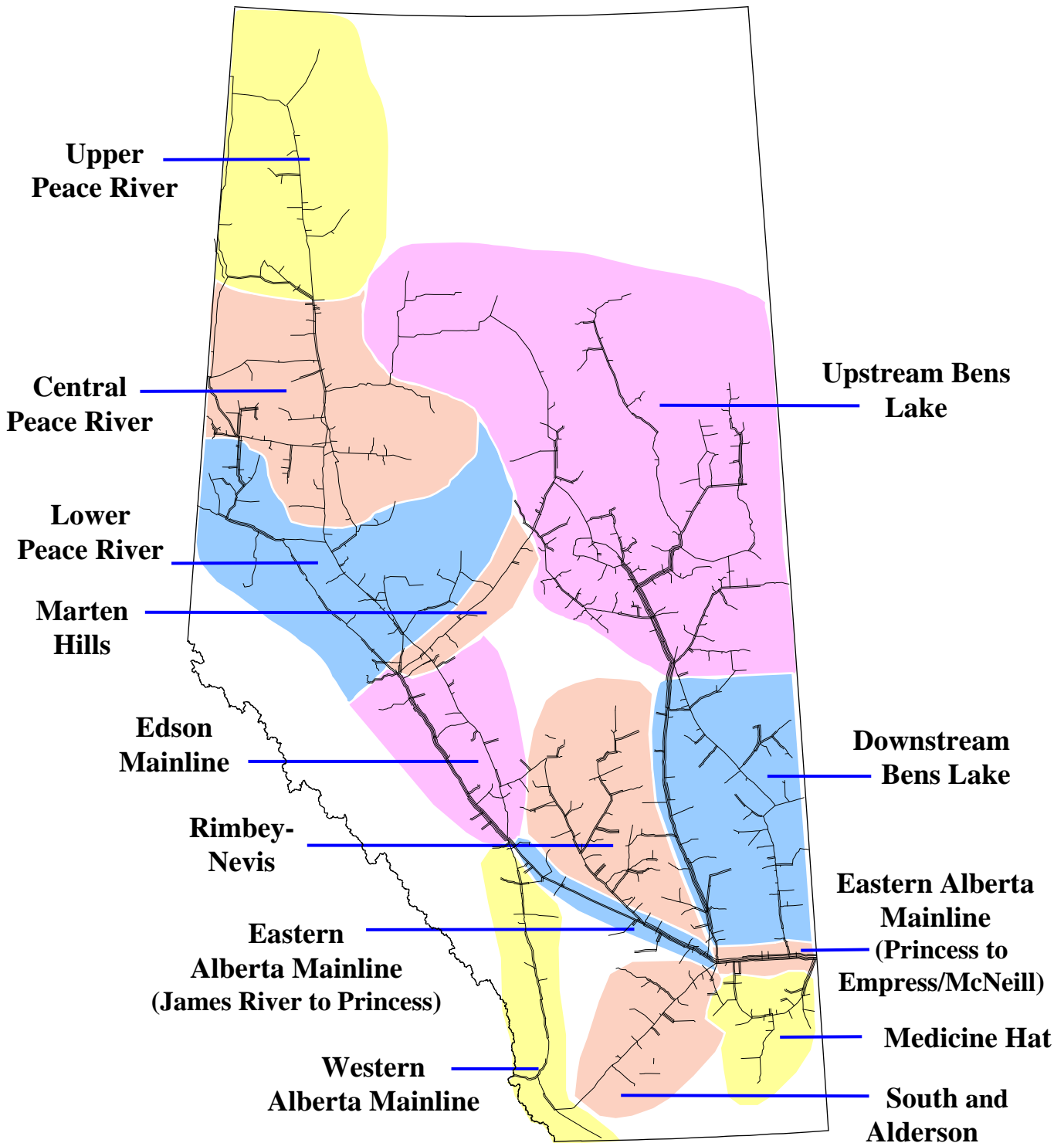
Service availability is affected by a number of factors including scheduled and unscheduled maintenance, construction or other outages.

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**

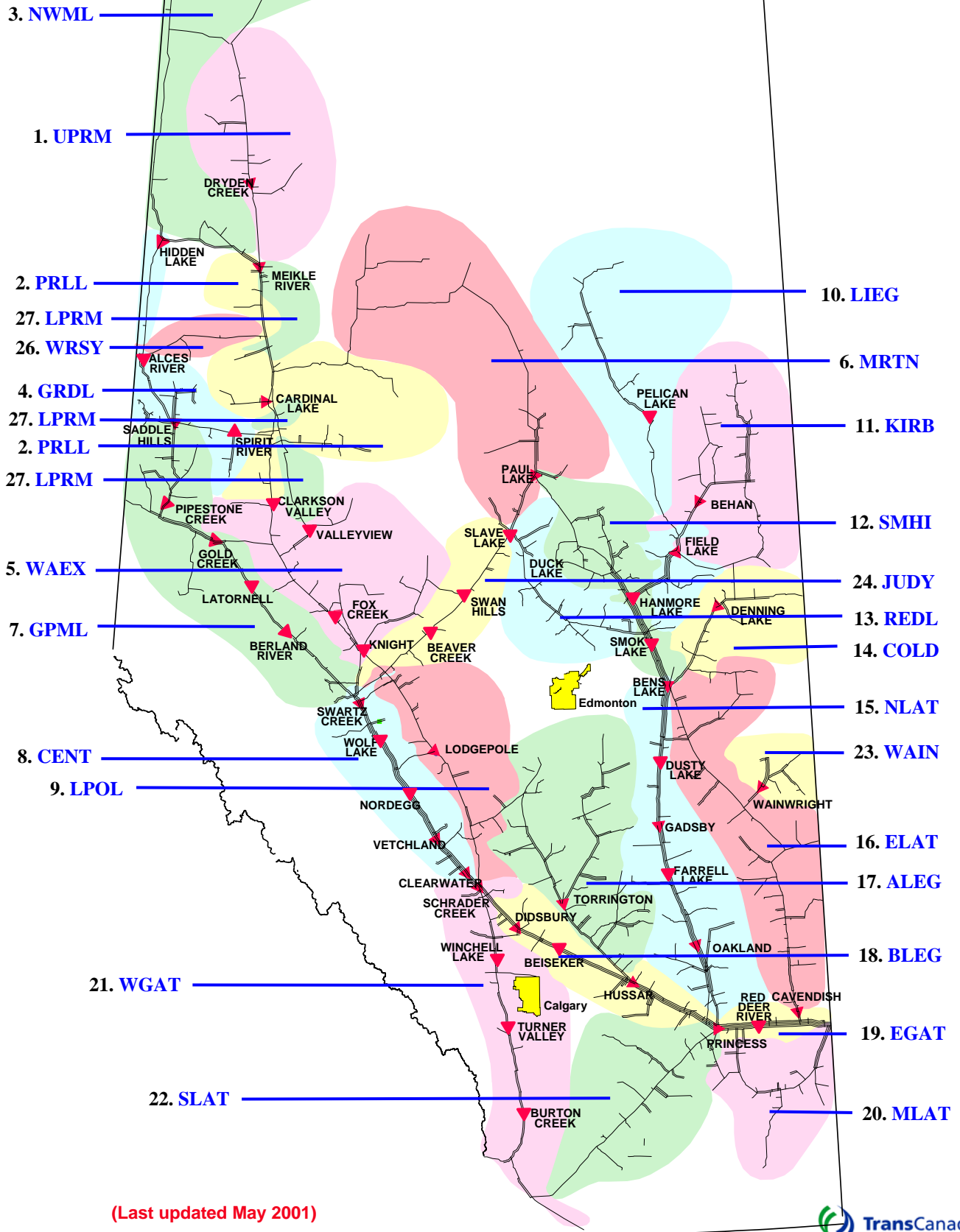
The Future Firm Transportation Service Availability report presents guidelines and timing for all future firm transportation service requests.

# NGTL DESIGN AREAS



(Last updated February 2001)

# NGTL PIPELINE SEGMENTS



(Last updated May 2001)

# DEFINITION OF TERMS

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## *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.

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## *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.

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## *Other*

### ***System Load Factor***

The volume weighted average of the *Average Load Factor (AVGLF)* of all design areas on the system