SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending March, 2008

Published date: October 24, 2008

Highlights This Month:

- Average Load Factors greater than 90% were experienced in a number of design areas during March 2008 [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, Rimbey/Nevis, and South and Alderson].
- System Average Load Factor for the 2007/08 winter period (i.e., November 2007-March 2008) was 116%.
- FT Receipt Availability over a 3 month average from January 1, 2008 March 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 January 1, 2008 March 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

	Receipt		•					Mar CD
Segment	Contract	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	(mmcf/d)
UPRM ⁴	FT	92%	91%	89%	88%	86%	95%	153
	FT + IT	95%	96%	92%	92%	90%	111%	100
I PDM ⁴	FT	029/	020/	009/	010/	910/	020/	25
	FI FT IT	92%	92%	90% 1049/	91%	81 % 089/	92%	25
DDII 4	F I + I I	120 70	109 70	104 70	104 /0	90 70	11370	
PRLL	FT	91%	91%	90%	92%	91%	93%	225
_	FT + IT	113%	110%	109%	108%	106%	108%	
NWML ⁴	FT	93%	92%	90%	91%	92%	96%	495
	FT + IT	99%	98%	98%	96%	99%	106%	
GRDL ⁴	FT	93%	92%	87%	87%	89%	91%	268
	FT + IT	119%	115%	110%	108%	108%	108%	
WRSY ⁴	FT	04%	07%	04%	04%	01%	0/1%	30
	FT + IT	150%	150%	1/3%	137%	131%	1/3%	39
		130 %	130 %	143 76	137 70	131 76	143 76	201
WAEX	F1	89%	89%	90%	89%	88%	92%	291
	F'I' + I'I'	136%	127%	137%	125%	120%	144%	
JUDY	FT	98%	98%	97%	96%	97%	99%	103
	FT + IT	136%	131%	132%	131%	134%	138%	
GPML	FT	92%	93%	93%	92%	92%	92%	2,051
	FT + IT	104%	103%	104%	104%	104%	108%	
CENT	FT	95%	95%	95%	95%	96%	96%	1,157
	FT + IT	110%	111%	113%	110%	110%	112%	,
LPOL	FT	96%	92%	95%	94%	95%	95%	472
	FT + IT	129%	121%	119%	121%	120%	123%	4/2
WCAT		1 2 2/0	920/	920/	9604	210/0	000/	29.4
WGAI	F I FT · IT	84%	83%	83%	80% 1059/	81%	90%	384
		97%	95%	97%	105%	100%	113%	
ALEG	FT	86%	92%	92%	92%	93%	94%	1,139
	FT + IT	108%	110%	109%	109%	130%	114%	
SLAT	FT	94%	86%	84%	85%	86%	88%	329
	FT + IT	109%	105%	106%	106%	107%	112%	
MLAT	FT	93%	93%	93%	93%	92%	92%	304
	FT + IT	105%	106%	104%	104%	104%	108%	
BLEG	FT	96%	96%	96%	96%	96%	95%	663
	 FT + IT	109%	107%	106%	104%	105%	109%	
ECAT	FT	020/	029/	0294	019/	009/	039/	50
EGAI		9370 1140/	9270	92 70	91 /0 1090/	9070 1120/	9370 1100/	39
		114 /0	115 70	108 %	108 %	112 70	11976	
MRIN		89%	92%	88%	90%	89%	94%	178
	$F^{T} + TT$	101%	100%	94%	98%	97%	108%	
LIEG	FT	82%	80%	80%	75%	79%	82%	102
	FT + IT	121%	119%	118%	111%	110%	127%	
KIRB	FT	92%	89%	89%	89%	90%	92%	121
	FT + IT	123%	115%	107%	109%	104%	108%	
SMHI	FT	94%	92%	89%	90%	91%	92%	109
	FT + IT	133%	123%	126%	125%	123%	129%	
REDL	FT	90%	89%	90%	91%	90%	94%	96
	 FT + IT	131%	128%	125%	124%	124%	130%	
COLD	FT	85%	84%	84%	82%	84%	87%	65
COLD		1020/	1080/	1019/	1019/	1029/	1009/	05
		103 %	100 %	101 %	101 %	103 %	10976	
NLAT	F " I "	93%	92%	91%	90%	91%	92%	330
	$\mathbf{F}^{*}\mathbf{\Gamma} + \mathbf{\Gamma}\mathbf{\Gamma}$	117%	119%	116%	113%	116%	119%	
WAIN	FT	92%	95%	94%	92%	87%	93%	20
	FT + IT	124%	127%	135%	133%	134%	151%	
ELAT	FT	92%	93%	92%	92%	88%	93%	215
	FT + IT	128%	129%	124%	123%	123%	133%	
TOTAL SYSTEM	FT	92%	92%	92%	91%	92%	93%	9,392
	FT + IT	111%	109%	109%	108%	111%	114%	
Segment	Deliverv							Mar CD
0	Contract	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	(GJ/d)
Empress	FT	99%	99%	99%	99%	100%	100%	4,500,469
•	FT + IT	106%	121%	108%	104%	114%	112%	, ,
McNeill	FT	92%	80%	95%	97%	97%	96%	2.037 240
	 FT + IT	97%	86%	104%	114%	106%	104%	_,,_+0
ABC	FT	0.20/	Q£0/	050/	020/	950/	201/U	2 666 016
лыс	т. FT - IT	9470 070/	00 70 990/	2370 080/	9470 Q10/	95 70	04 70 870/	2,000,010
	1 1 7 11	2170	00 70	20 70	24 70	0370	0470	

***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



<u>NOTE</u>: 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.

% I	% Design Flow Requirements Utilization								
Monthly Av	Monthly Average Actual Flow as a Percentage of Design Flow Requirements								
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar			
Design Capacity	117	103	205	208	221	171			





DESIGN FLOW REQUIREMENTS UTILIZATION NORTH & SOUTH OF BENS LAKE



% I	Design Fl	ow Requ	uiremen	ts Utiliz	ation	s
Monthly Av	verage Actual	Flow as a Pe	rcentage of I	Design Flow 1	Requirement	
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar
Design Capacity	137	170	119	111	100	137





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER PEACE RIVER



% Do	% Design Flow Requirements Utilization								
Monthly Ave	Monthly Average Actual Flow as a Percentage of Design Flow Requirements								
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar			
Design Capacity	90	118	107	109	105	117			





DESIGN FLOW REQUIREMENTS UTILIZATION UPPER and CENTRAL PEACE RIVER



% Do	esign Flo	ow Requ	iiremen	ts Utiliz	zation	ents
Monthly Ave	rage Actual I	Flow as a Per	ccentage of D	Design Flow	_{Requirem}	
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar
Design Capacity	102	120	115	112	112	118





DESIGN FLOW REQUIREMENTS UTILIZATION PEACE RIVER



% D	% Design Flow Requirements Utilization							
Monthly Ave	Monthly Average Actual Flow as a Percentage of Design Flow Requirements							
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar		
Design Capacity	109	120	127	130	132	131		





DESIGN FLOW REQUIREMENTS UTILIZATION MARTEN HILLS



<u>NOTE</u>: 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.

% I	% Design Flow Requirements Utilization								
Monthly Av	Monthly Average Actual Flow as a Percentage of Design Flow Requirements								
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar			
Design Capacity	23	17	25	-1	10	19			





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



% I Monthly Av	Design F	low Req I Flow as a P	[uireme] Percentage of	nts Utili Design Flow	zation Requiremen	nts
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar
Design Capacity	116	128	134	134	137	134





DESIGN FLOW REQUIREMENTS UTILIZATION SOUTH AND ALDERSON



% I	Design F	`low Rec	quireme	nts Utili	zation	nts
Monthly A	verage Actua	Il Flow as a I	Percentage of	f Design Flov	v Requireme	
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar
Design Capacity	122	99	94	92	93	98





DESIGN FLOW REQUIREMENTS UTILIZATION RIMBEY-NEVIS



% I)esign F	low Req	uireme	nts Utiliz	zation	nts
Monthly Av	Terage Actua	I Flow as a P	ercentage of	Design Flow	Requiremen	
Average Flow/	Oct	Nov	Dec	Jan	Feb	Mar
Design Capacity	85	81	102	94	93	83





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/	Oct	Nov	Dec	Jan	Feb	Mar				
Design Capacity	122	119	130	135	143	138				





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)



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)

	Oct	Nov	Dec	Jan	Feb	Mar
FT ¹ Volume	87	89	100	97	88	84
FT ¹ + IT Volume	91	91	103	99	89	85

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

January 1, 2007 to March 31, 2008 (3 Month Average)

Receipt Area		IT-R Service	Firm Service	Firm Service	%	CD	Causes/Comments ⁽³⁾
		Available	Available	Restriction	Restr	icted ⁽¹⁾	
	Segment	(% 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	LIEG 10	100	100	0	0	0	
of Bens Lake	KIRB 11	100	100	0	0	0	
	MRTN 6	100	100	0	0	0	
	SMHI 12	100	100	0	0	0	
	REDL 13	100	100	0	0	0	
	COLD 14	100	100	0	0	0	
Downstream of	NLAT 15	100	100	0	0	0	
Bens Lake	ELAT 16	100	100	0	0	0	
	WAIN 23	100	100	0	0	0	
Rimbey/Nevis	ALEG 17	100	100	0	0	0	
Eastern Mainline	BLEG 18	100	100	0	0	0	
	EGAT 19	100	100	0	0	0	
	MLAT 20	100	100	0	0	0	
	SLAT 22	100	100	0	0	0	
Western Mainline	WGAT 21	100	100	0	0	0	
Borders		IT-D Service	Firm Service	Firm Service	% CD Re	stricted ⁽¹⁾	Causes/Comments ⁽³⁾
	Available ⁽²⁾	Available ⁽²⁾	Available	Postriction	% CD Restricted ⁽¹⁾		
	(% of time)	(% of time)	(% of time)	(% of time)	Max	Average	
Empress/McNeill	(/o or time)	100	100	0	0	0	
Alberta-BC		100	100	0	0	0	
Gordondale		100	100	0	0	0	
 Percentage of CD restricted d 	luring periods of rea	striction.	100	Ÿ	v	~	1

(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	Authorize Firm	To Ensure Firm
Transportation	Transportation	Transportation
Service Type	Service By	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



Compressor Utilization Summaries

Pasca Pivar

Date: Jan. 1, 2008 to Mar. 31, 2008

I	Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage %	Outage
<u> </u>	Alexa Diversita'i #4		110015	110015	/0	/0	/0	/0
I	Alces River Unit #1	3,480	0.2	2147.7	99.44	99.43	0.01	0.56
	Alces River B Unit #2	10,939	79.8	2080.2	100.00	96.31	3.69	0.00
	Berland River Unit#1	21,830	1006.7	68.9	49.80	3.19	46.61	50.20
	Cardinal Lake Unit#1	820	205.4	1918.4	98.32	88.81	9.51	1.68
	Cardinal Lake Unit#2	820	231.3	1926.2	99.88	89.18	10.71	0.12
	Cardinal Lake Unit#3	820	214.9	1930.2	99.31	89.36	9.95	0.69
	Clarkson Valley Unit#1	15,936	1218.2	924.0	99.18	42.78	56.40	0.82
	Fox Creek Unit#1	15,570	257.3	1890.5	99.44	87.52	11.91	0.56
	Gold Creek Unit#1	10,968	81.2	1845.6	89.20	85.44	3.76	10.80
	Gold Creek Unit#2	25,427	2182.4	-22.5	100.00	-1.04	101.04	0.00
	Hidden Lake Unit #1	11,078	261.8	979.8	57.48	45.36	12.12	42.52
	Knight Unit #3	13,291	1077.9	1076.0	99.72	49.81	49.90	0.28
	Knight Unit #4	13,396	1098.9	696.8	83.13	32.26	50.88	16.87
	Latornell Unit #1	28,110	1218.5	933.1	99.61	43.20	56.41	0.39
	Meikle River Unit #1	3,577	1226.9	598.1	84.49	27.69	56.80	15.51
	Meikle River B Unit #2	3,504	848.5	1290.7	99.04	59.75	39.28	0.96
1	Mobile Unit #4 (Meikle River)	3,231	1445.1	673.5	98.08	31.18	66.90	1.92
1	Mobile Unit #6 (Dryden Creek)	3,320	1217.4	927.4	99.30	42.94	56.36	0.70
	Pipestone Creek Unit #1	29,923	9.0	2151.0	100.00	99.58	0.42	0.00
	Saddle Hills Unit #1	3,486	1296.4	862.7	99.96	39.94	60.02	0.04
	Saddle Hills Unit #2	6,711	1328.2	65.5	64.52	3.03	61.49	35.48
	Saddle Hills Unit #3	7,953	1757.5	384.2	99.15	17.79	81.37	0.85
1	Thunder Creek Unit #1	3,414	0.0	2160.0	100.00	100.00	0.00	0.00
_	Valleyview Unit #1	3,747	952.2	1207.7	100.00	55.91	44.08	0.00
	Total	241,351			92.46	55.39	37.07	7.54
	Power Adjusted Usage						41.57	

1. Units required under peak flow conditions

Marten Hills

	Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage	Outage
		Power - Kw	Hours	Hours	%	%	%	%
1	Beaver Creek Unit #1	955	5.4	-23.7	-0.85	-1.10	0.25	100.85
1	Beaver Creek Unit #2	955	0.0	-23.3	-1.08	-1.08	0.00	101.08
1	Beaver Creek Unit #3	955	3.5	-21.8	-0.85	-1.01	0.16	100.85
1	Beaver Creek Unit #4	955	0.0	-23.9	-1.11	-1.11	0.00	101.11
1	Beaver Creek Unit #5	955	0.0	-23.9	-1.11	-1.11	0.00	101.11
	Total	4,775			-1.00	-1.08	0.08	101.00
	Power Adjusted Usage						0.08	



Compressor Utilization Summaries

Date: Jan. 1, 2008 to Mar. 31, 2008

Rimbey/Nevis							
Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage	Outage
	Power - Kw	Hours	Hours	%	%	%	%
Hussar Unit #6	13,964	1861.0	294.6	99.80	13.64	86.16	0.20
Hussar Unit #7	13,964	263.5	1876.7	99.08	86.88	12.20	0.92
Mobile Unit #8 (Torrington)	7,236	1197.0	962.5	99.98	44.56	55.42	0.02
Total	35,164			99.62	48.36	51.26	0.38
Power Adjusted Usage						50.46	

Edson Mainline

	Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage	Outage
		Power - Kw	Hours	Hours	%	%	%	%
1	Clearwater Unit #1	22,044	500.8	1230.2	80.14	56.95	23.19	19.86
	Clearwater Unit #5	20,966	2180.1	-21.3	99.94	-0.99	100.93	0.06
	Lodgepole Unit #3	3,776	427.6	1730.4	99.91	80.11	19.80	0.09
	Nordegg Unit #3	31,802	1684.9	474.6	99.98	21.97	78.00	0.02
1	Vetchland Unit #1	23,842	233.4	1834.0	95.71	84.91	10.81	4.29
1	Vetchland Unit #2	23,842	979.3	1053.1	94.09	48.75	45.34	5.91
	Swartz Creek Unit #1	29,163	744.0	1416.0	100.00	65.56	34.44	0.00
	Wolf Lake Unit #2	24,304	744.0	1416.0	100.00	65.56	34.44	0.00
	Total	179,739			96.22	52.85	43.37	3.78
	Power Adjusted Usage						46.53	

1. Units required under peak flow conditions

Western Alberta Mainline

Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage	Outage
	Power - Kw	Hours	Hours	%	%	%	%
Burton Creek Unit #1	15,820	468.4	1586.1	95.12	73.43	21.69	4.88
1 Burton Creek Unit #2	14,956	603.9	1458.4	95.48	67.52	27.96	4.52
Drywood Unit #1	3,800	232.3	1927.7	100.00	89.25	10.75	0.00
Schrader Creek Unit #2	13,591	739.9	-23.0	33.19	-1.06	34.25	66.81
Turner Valley Unit #1	23,642	233.6	1923.1	99.85	89.03	10.81	0.15
Turner Valley Unit #2	23,642	862.8	1297.2	100.00	60.06	39.94	0.00
Winchell Lake Unit #1	23,873	23.8	1788.5	83.90	82.80	1.10	16.10
Total	119,324			86.79	65.86	20.93	13.21
Power Adjusted Usage						20.90	



Compressor Utilization Summaries

Date: Jan. 1, 2008 to Mar. 31, 2008

	North and East - North of Ber	ns Lake						
	Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage	Outage
		Power - Kw	Hours	Hours	%	%	%	%
1	Bens Lake Unit #1	977	631.0	1521.9	99.67	70.46	29.21	0.33
1	Bens Lake Unit #2	977	22.7	2120.7	99.23	98.18	1.05	0.77
1	Bens Lake Unit #3	977	558.5	1202.1	81.51	55.65	25.86	18.49
1	Bens Lake Unit #4	3,539	4.1	2153.4	99.88	99.69	0.19	0.12
1	Bens Lake Unit #5	3,546	5.3	1614.0	74.97	74.72	0.25	25.03
	Bens Lake Unit #6	4,724	53.6	2094.3	99.44	96.96	2.48	0.56
1	Bens Lake Unit #7	977	566.6	1567.6	98.81	72.57	26.23	1.19
	Mobile Unit #9 (Behan)	3,327	1.5	-23.7	-1.03	-1.10	0.07	101.03
1	Field Lake Unit #1	3,570	2.7	-22.4	-0.91	-1.04	0.12	100.91
1	Field Lake Unit #2	3,570	3.2	2155.4	99.94	99.79	0.15	0.06
	Hanmore Lake Unit #1	541	772.5	1182.6	90.51	54.75	35.76	9.49
1	Hanmore Lake Unit #2	541	27.0	2013.1	94.45	93.20	1.25	5.55
1	Hanmore Lake Unit #3	3,407	8.5	2148.6	99.87	99.47	0.39	0.13
1	Hanmore Lake Unit #4	3,407	4.0	2141.3	99.32	99.13	0.19	0.68
	Woodenhouse #1	7,953	742.7	1417.3	100.00	65.62	34.38	0.00
1	Mobile Unit #5 (Paul Lake)	3,090	526.2	1588.0	97.88	73.52	24.36	2.12
	Paul Lake Unit #1	3,457	441.8	1689.4	98.67	78.21	20.45	1.33
1	Pelican Lake Unit #2	3,594	682.1	1474.3	99.83	68.25	31.58	0.17
1	Slave Lake Unit #1	978	1406.3	9.5	65.55	0.44	65.11	34.45
1	Slave Lake Unit #2	978	1163.1	991.4	99.75	45.90	53.85	0.25
1	Slave Lake Unit #3	978	1477.8	674.0	99.62	31.20	68.42	0.38
1	Slave Lake Unit #4	978	1357.7	733.0	96.79	33.94	62.86	3.21
1	Smoky Lake Unit #1	978	190.3	1956.1	99.37	90.56	8.81	0.63
	Smoky Lake Unit #2	978	42.1	2117.9	100.00	98.05	1.95	0.00
	Smoky Lake Unit #3	978	716.5	1443.2	99.99	66.81	33.17	0.01
1	Smoky Lake Unit #7	16,061	0.1	1823.6	84.43	84.43	0.00	15.57
	Total	75,081			87.60	67.28	20.31	12.40
	Power Adjusted Usage						12.49	



Compressor Utilization Summaries

Date: Jan. 1, 2008 to Mar. 31, 2008

North and East - South of Bens Lake

Compressor Unit	Site Rated	Running	No Demand	Availability	No Demand	Usage	Outage
	Power - Kw	Hours	Hours	%	%	%	%
Cavendish Unit #1	208.9	208.9	1946.7	99.80	90.12	9.67	0.20
Cavendish Unit #2	4306.0	1932.9	214.5	99.42	9.93	89.49	0.58
1 Dusty Lake Unit #2	14200.0	198.4	1895.9	96.96	87.77	9.19	3.04
1 Dusty Lake Unit #3	15873.0	0.0	-23.9	-1.11	-1.11	0.00	101.11
Farrell Lake Unit #1	14004.0	420.5	170.0	27.34	7.87	19.47	72.66
1 Farrell Lake Unit #2	15630.0	6.9	139.9	6.80	6.48	0.32	93.20
1 Gadsby Unit #1	14244.0	0.0	-23.9	-1.11	-1.11	0.00	101.11
1 Gadsby Unit #2	15797.0	0.0	-23.9	-1.11	-1.11	0.00	101.11
1 Gadsby Unit #B3	7953.0	2155.2	4.8	100.00	0.22	99.78	0.00
1 Oakland Unit #1	14137.0	416.3	1731.8	99.45	80.18	19.27	0.55
1 Princess Unit #1	2,685	0.0	2160.0	100.00	100.00	0.00	0.00
1 Princess Unit #2	2,685	4.2	716.0	33.34	33.15	0.19	66.66
1 Princess Unit #3	2,685	3.7	2137.7	99.14	98.97	0.17	0.86
1 Princess Unit #4	4,474	1419.9	-15.0	65.04	-0.69	65.74	34.96
1 Princess Unit #5	4,474	3.8	2156.1	100.00	99.82	0.18	0.00
Wainwright Unit #2	1,790	560.9	1485.6	94.75	68.78	25.97	5.25
Wainwright Unit #3	1,230	1227.8	860.2	96.67	39.82	56.84	3.33
Wainwright Unit #4	991.5	991.5	1164.6	99.82	53.92	45.90	0.18
Total	137,367			67.51	42.95	24.57	32.49
Power Adjusted Usage						16.88	

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	1984.4	169.7	99.73	7.86	91.87	0.27
1 Beiseker Unit #1	11857.0	126.5	2031.2	99.89	94.04	5.86	0.11
1 Beiseker Unit #2	11857.0	126.6	2029.5	99.82	93.96	5.86	0.18
Crawling Valley Unit #1	26104.0	1556.9	603.1	100.00	27.92	72.08	0.00
1 Didsbury Unit #5	794.0	0.0	-23.9	-1.11	-1.11	0.00	101.11
1 Didsbury Unit #6	731.0	0.0	-23.9	-1.11	-1.11	0.00	101.11
Hussar Unit #8	13964.0	1985.6	174.1	99.99	8.06	91.93	0.01
Jenner Unit #1	23555.0	2150.7	-0.7	99.54	-0.03	99.57	0.46
Jenner Unit #2	18000.0	0.0	-23.9	-1.11	-1.11	0.00	101.11
Princess Unit #6	19749.0	743.8	1416.2	100.00	65.56	34.44	0.00
Red Deer River Unit #1	24355.0	1338.5	820.5	99.95	37.99	61.97	0.05
Red Deer River Unit #2	24355.0	310.9	1844.4	99.78	85.39	14.39	0.22
Shrader Creek Unit #1	26251.0	1222.0	935.1	99.87	43.29	56.57	0.13
Schrader Creek Unit #3	13697.0	1385.3	774.4	99.99	35.85	64.13	0.01
Total	241,414			78.23	35.47	42.76	21.77
Power Adjusted Usage						53.66	



Compressor Utilization Summaries

Date: Jan. 1, 2008 to Mar. 31, 2008

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	2160.0	100.00	100.00	0.00	0.00
1 Crowsnest F	10888.0	4.3	578.1	26.96	26.76	0.20	73.04
Crowsnest G	9126.0	157.7	2001.5	99.96	92.66	7.30	0.04
Crowsnest K	28723.0	2031.1	78.3	97.66	3.63	94.03	2.34
Crowsnest 2 H	12529.0	218.8	1937.9	99.85	89.72	10.13	0.15
Crowsnest 2 J	12529.0	1215.3	943.6	99.95	43.69	56.26	0.05
1 Elko A	11930.0	18.9	2078.5	97.10	96.23	0.87	2.90
Elko B	13528.0	583.5	1462.3	94.71	67.70	27.01	5.29
Elko C	13369.0	525.5	1633.0	99.93	75.60	24.33	0.07
1 Moyie B	11930.0	163.2	1982.9	99.36	91.80	7.56	0.64
Moyie C	13281.0	1908.4	193.2	97.30	8.94	88.35	2.70
Moyie D	13389.0	372.5	1785.3	99.90	82.65	17.25	0.10
Total	162,110			92.72	64.95	27.77	7.28
Power Adjusted Usage						35.76	



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.



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



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.

Other

System Load Factor

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

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.

