# SYSTEM UTILIZATION AND RELIABILITY MONTHLY REPORT

for the month ending June, 2012

Published date: August 10, 2012

### **Highlights This Month:**

- The commercial integration of ATCO Pipelines (AP) into the Alberta System occurred on October 1, 2011. The throughput data reported for the Alberta system includes ATCO Pipeline System flows as of October 1, 2011. The Summer 2011 seasonal design capabilities were maintained preintegration levels and applied for the majority of the Summer 2011 season.
- The average actual flow for the dominant flow condition in each of the Alberta design areas is compared against the corresponding design capability to obtain a measure of pipeline utilization. Consequently, design capability utilization is measured as Average Actual Flow / Seasonal Design Capability.
- FT Receipt Availability over a 3 month average from April 1, 2012 June 30, 2012 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, 2012 June 30, 2012 were all deemed 100% available.
- The Firm Transportation service contract utilization table (page 3 of this report) illustrates the FT and TF + IT utilization for receipts and deliveries.

**NOVA** Gas Transmission Ltd.



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If you have any questions on the content of this report, contact Chiu Chow at (403) 920-5313 or via fax at (403) 920-2379.



#### FIRM TRANSPORTATION SERVICE<sup>1</sup> CONTRACT UTILIZATION<sup>3</sup>

By NGTL Pipeline Segments June 2012

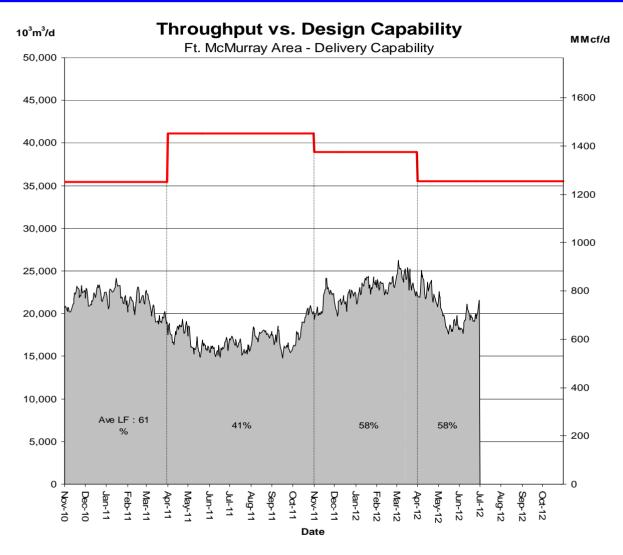
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Segment         Contract Utilization         TIA   35%   25.4   91%   98%   98%   70   98%   70   70   70   70   70   70   70   7			Denv		Rec	
The color	Segment	Contract	Utilization		Jtilization	
LPRM         FT FT + IT         0% 0% 0%         0 0%         0           PRLL         FT FT + IT         32% 43.1         89% 5%         152           NWML         FT FT + IT 0% 0% 0.0         65% 5%         398           GRDL         FT FT + IT 10% 0% 0.0         4.7 76% 1.216         1.216           WRSY         FT FT + IT 11% 0% 0.0         85% 28         28           WAEX         FT 14 14% 24% 53% 388         388         770% 70% 70% 70% 70% 70% 70% 70% 70% 70%				25.4		88
FT + IT         0%         0%           FT LIT         32%         43.1         89%         152           NWML         FT         10%         0.0         63%         398           GRDL         FT         10%         4.7         76%         1,216           WRSY         FT         10%         4.7         76%         1,216           WRSY         FT         10%         4.7         76%         1,216           WAEX         FT         14%         42.4         53%         388           JUDY         FT         29%         16.6         96%         73           JUDY         FT         29%         16.6         96%         73           JUDY         FT         29%         16.6         96%         73           JUDY         FT         11%         10%         82.6         92%         30.48           GPML         FT         117         29%         82.6         93%         839           CENT         FT         117%         82.6         93%         80           LPOL         FT         17%         82.6         93%         518           SH		F1 + 11	3%		98%	
NWML FT 17 32% 96% 398   SPECIAL FT 117 0% 0.0 63% 398   SPECIAL FT 117 0% 0.0 65% 1.216   SPECIAL FT 117 11% 1.0% 1.0 78% 1.216   SPECIAL FT 117 11% 1.0% 1.0 78% 1.216   SPECIAL FT 117 11% 1.0% 1.0 79% 1.28   SPECIAL FT 117 11% 1.0% 1.0 85% 1.28   SPECIAL FT 117 11% 1.0% 1.0 85% 1.28   SPECIAL FT 117 1.0% 1.0 85% 1.	LPRM			0.0		0
NWML FT 17 32% 96% 398   SPECIAL FT 117 0% 0.0 63% 398   SPECIAL FT 117 0% 0.0 65% 1.216   SPECIAL FT 117 11% 1.0% 1.0 78% 1.216   SPECIAL FT 117 11% 1.0% 1.0 78% 1.216   SPECIAL FT 117 11% 1.0% 1.0 79% 1.28   SPECIAL FT 117 11% 1.0% 1.0 85% 1.28   SPECIAL FT 117 11% 1.0% 1.0 85% 1.28   SPECIAL FT 117 1.0% 1.0 85% 1.						
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GRDL FT + IT 10% 4.7 76% 1.216 FT + IT 11% 4.7 76% 1.216 WRSY FT 0% 0.0 79% 28 WAEX FT 14% 42.4 53% 388  WAEX FT 14% 42.4 53% 388  JUDY FT 24% 16.6 96% 107% 73  GPML FT 17 33% 16.6 96% 3,048  ETT 17 33% 86% 86% 839  LPOL FT 19% 9.8 92% 133% 560  LPOL FT 17% 82.6 93% 560  WGAT FT + IT 29% 315.3 93% 518  ALEG FT 17% 33% 315.3 93% 2188  SLAT FT 14% 17% 18.3 96% 261  MLAT FT 14% 178.3 96% 261  BLEG FT 52% 262.1 91% 236  BLEG FT 52% 142.6 95% 614  EGAT FT 17 56% 142.6 95% 614  FT + IT 16% 28.1 86% 87  EGAT FT 17 87% 3.575.6 97% 45  BLEG FT 18% 775.8 66% 53  MRTN FT + IT 16% 28.1 86% 87  EGAT FT 16% 3.575.6 97% 53  KIRB FT + IT 16% 28.1 86% 87  EGAT FT 16% 54% 142.6 95% 614  EGAT FT 16% 28.1 86% 87  EGAT FT 16% 54% 142.6 95% 614  EGAT FT 17 16% 58.1 86% 87  EGAT FT 18% 775.8 66% 53  KIRB FT + IT 16% 58.1 86% 87  EGAT FT + IT 16% 58.1 86% 1111% 81  EGAT FT + IT 16% 58.1 111% 81  EGAT FT + IT 18% 58.1 111% 81  EGAT FT	NIXXINAT	FT	09/	0.0	639/	209
WRSY FT   11   11   12   78   28   WAEX FT   11   14   42   53   388   FT + IT   24   70   70   70   WAEX FT   14   42   53   388   FT + IT   24   6   6   96   6   JUDY FT   29   6   6   96   6   GPML FT   17   29   6   6   96   6   GPML FT   17   29   6   6   96   8   FT + IT   29   6   6   96   8   GENT FT   17   19   9   8   92   8   FT + IT   19   9   8   92   8   FT + IT   19   9   8   113   6   EDWI FT   17   17   8   82   6   93   9   FT + IT   19   9   8   13   8    EDWI FT   17   17   8   82   6   93   9   FT + IT   19   9   8   13   8    EDWI FT   17   17   6   8   8   8    EDWI FT   17   17   6   8   EDWI FT   17   17   8   EDWI FT   17   18   18   EDWI FT   18   18   8   EWALT FT   18   18   18   EWALT FT   17   18   18   EWALT FT   18   18   EWALT FT   18   18   EWALT FT   18   18   EWALT FT   18   1	NWINE			0.0		398
WRSY FT   11   11   12   78   28   WAEX FT   11   14   42   53   388   FT + IT   24   70   70   70   WAEX FT   14   42   53   388   FT + IT   24   6   6   96   6   JUDY FT   29   6   6   96   6   GPML FT   17   29   6   6   96   6   GPML FT   17   29   6   6   96   8   FT + IT   29   6   6   96   8   GENT FT   17   19   9   8   92   8   FT + IT   19   9   8   92   8   FT + IT   19   9   8   113   6   EDWI FT   17   17   8   82   6   93   9   FT + IT   19   9   8   13   8    EDWI FT   17   17   8   82   6   93   9   FT + IT   19   9   8   13   8    EDWI FT   17   17   6   8   8   8    EDWI FT   17   17   6   8   EDWI FT   17   17   8   EDWI FT   17   18   18   EDWI FT   18   18   8   EWALT FT   18   18   18   EWALT FT   17   18   18   EWALT FT   18   18   EWALT FT   18   18   EWALT FT   18   18   EWALT FT   18   1	GRDI.	FT	10%	4.7	76%	1.216
WAEX  FT + IT 0% 42.4 53% 388  FT + IT 144% 42.4 53% 388  JUDY FT 29% 16.6 96% 73  GPML FT 17 29% 16.6 96% 870  GPML FT 18 19% 9.8 92% 839  CENT FT 17 19% 9.8 92% 839  LPOL FT 17 19% 82.6 93% 560  WGAT FT 17 67% 3,355.0 83% 518  WGAT FT 17 67% 3,355.0 83% 518  SLAT FT 14% 178.3 96% 261  MLAT FT 15% 16% 262.1 91% 236  BLEG FT 54% 108% 614  EGAT FT 17 56% 16.6 95% 614  EGAT FT 17 121% 1711%  MRTN FT 16% 28.1 86% 87  LIEG FT 80% 775.8 66% 53  LIEG FT 80% 775.8 66% 53  LIEG FT 80% 775.8 66% 53  KIRB FT 17 49% 12.1 81% 52  SMHI FT 17 49% 12.1 81% 52  SMHI FT 17 49% 12.1 81% 52  SMHI FT 17 49% 56.8 95% 31  COLD FT 63% 56.8 95% 31  EDM FT 17 109% 56.8 95% 31  EDM FT 17 109% 56.8 95% 31  NLAT FT 17 25% 16.0 96% 11.85  WAIN FT 17 49% 1.709.4 79% 80  NLAT FT 17 49% 1.709.4 79% 80  NLAT FT 17 49% 1.709.4 79% 80  NLAT FT 17 55% 16.0 96% 18.5  WAIN FT 17 75% 25.65 88% 171  ELAT FT 17 75% 25.65 88% 10.150	GREE			4.,		1,210
WAEX  FT   FT   14%   42.4   53%   388    JUDY  FT   T   29%   16.6   96%   73    JUDY  FT   17   29%   16.6   96%   73    GPML   FT   24%   167.6   79%   3.048    FT + IT   19%   9.8   92%   839    CENT   FT   17%   82.6   93%   568    LPOL   FT   17%   335%   836%   518    WGAT   FT   17%   33.55.0   83%   518    WGAT   FT   17%   315.3   93%   913    ALEG   FT   14%   178.3   96%   261    MLAT   FT   15%   168%   108%   614    FT + IT   56%   262.1   102%   614    BLEG   FT   54%   142.6   95%   614    EGAT   FT   11   15%   178.3   86%   87    EGAT   FT   11   15%   188%   87    EGAT   FT   11   15%   188%   87    EGAT   FT   11   18%   28.1   86%   87    EGAT   FT   11   18%   775.8   66%   53    LIEG   FT   80%   775.8   66%   53    KIRB   FT   17   49%   12.1   81%   52    EMHI   FT   17   49%   12.1   81%   52    EDM   FT   17   49%   12.1   81%   52    EDM   FT   17   49%   56.8   95%   31    EDM   FT   17   109%   56.8   95%   31    ELAT   FT   109%   56.8   95%   31    EDM   FT   17   109%   1.709.4   79%   80    EDM   FT   17   25%   16.0   96%   185    ELAT   FT   17   75%   25.6.5   88%   10.150    ELAT   FT   17   75%   25.6.5   88%   10.150    ELAT   FT   17   175%   111%    ELAT   FT   17   155%   1115%   10.150	WRSY	FT	0%	0.0	79%	28
JUDY FT 24% 70% 73  GPML FT 17 29% 16.6 96% 73  GPML FT 17 24% 16.76 79% 3,048  CENT FT 17 19% 9.8 92% 839  ET 113% 113% 113% 113% 113% 121% 113% 121% 121		FT + IT	0%		85%	
JUDY         FT FT + IT         29% PT + IT         16.6         96% PT + IT         73           GPML         FT FT + IT         29% PT + IT         167.6         79% PT + IT         3,048           CENT         FT FT + IT         19% PT + IT         9.8         92% PT + IT         839           LPOL         FT FT + IT         19% PT + IT         9.8         92% PT + IT         560           WGAT         FT FT + IT         23% PT + IT         121% PT + IT         560         518           WGAT         FT FT + IT         70% PT + IT         3,355.0         83% PT + IT         518           ALEG         FT FT + IT PT PT PT + IT         43% PT + IT         118% PT + IT         90% PT + IT         90% PT + IT         261           MLAT         FT FT + IT PT PT PT PT + IT         15% PT + IT         108% PT + IT         261         118% PT + IT         261         118% PT + IT         45         111% PT + IT         261         111% PT + IT	WAEX	FT	14%	42.4	53%	388
GPML FT 1T 29% 107%  GPML FT 24% 167.6 79% 3.048  FT 11T 33% 98% 113% 839  LPOL FT 17 19% 82.6 93% 560  LPOL FT 29% 3.355.0 83% 518  ALEG FT 17 49% 178.3 96% 261  BLEG FT 55% 108% 614  EGAT FT 1 18% 28.1 86% 87  EGAT FT 1 18% 28.1 86% 87  EGAT FT 1 18% 55% 102% 560  KIRB FT 1 1 100% 775.8 66% 53  KIRB FT 1 1 100% 12.1 81% 52  EGAL FT 49% 12.1 81% 52  EDM FT 17 49% 13.1 91% 51  EDM FT 17 63% 56.8 95% 31  EDM FT 17 63% 56.8 95% 31  ELAT FT 185% 1.09% 11.17%  NLAT FT 1 100% 56.8 95% 31  EDM FT 1 1 100% 11.17%  ELAT FT 1 1 100% 11.17%  ELAT FT 1 1 100% 11.17%  ELAT FT 1 100% 11.1871.5 83% 10.150		FT + IT	24%		70%	
GPML         FT FT FT         24% 167.6         79% 86%         3,048           CENT         FT FT IT         19% 9.8         9.2% 839         839           LPOL         FT FT IT         17% 82.6         93% 560         560           WGAT         FT FT IT         67% 3,355.0         83% 518         518           WGAT         FT FT IT         29% 315.3         93% 99% 99%         518           ALEG         FT FT IT         14% 178.3         96% 261         261           SLAT         FT FT IT         15% 22% 262.1         91% 236         261           MLAT         FT 52% 266.2         262.1         91% 236         261           BLEG         FT 54% 142.6         95% 95% 96         614           FF FT IT         56% 102% 95% 95% 95% 95% 95% 95% 95% 95% 95% 95	JUDY	FT	29%	16.6	96%	73
CENT FT 17 33% 86% 86% 839    LPOL FT 17 19% 9.8 92% 839    LPOL FT 17 23% 82.6 93% 560    WGAT FT 17 67% 3,355.0 83% 518    FT 1 17 43% 113% 91%    SLAT FT 17 15% 108%    MLAT FT 17 56% 108% 614    BLEG FT 52% 262.1 91% 236    BLEG FT 54% 142.6 95% 614    FT 11 121% 614    MRTN FT 11 16% 28.1 86% 87    EGAT FT 18% 775.8 66% 53    LIEG FT 80% 775.8 66% 53    LIEG FT 18% 775.8 66% 53    KIRB FT 18% 781.8 82% 50    EGAT FT 49% 12.1 81% 52    SMHI FT 17 49% 12.1 81% 52    EGAT FT 18% 781.8 82% 50    KIRB FT 149% 12.1 81% 52    EGAT FT 199% 13.1 91% 51    EDM FT 133% 56.8 95% 31    EDM FT 133% 1,709.4 79% 80    NLAT FT 11 33% 1,709.4 79% 80    NLAT FT 11 33% 1,709.4 79% 80    NLAT FT 11 25% 16.0 96% 112%    WAIN FT 17 49% 1.70 1.70    ELAT FT 17 75% 256.5 88% 171    ELAT FT 17 75% 256.5 88% 171    TOTAL SYSTEM FT 69% 11,871.5 83% 10,150		FT + IT	29%		107%	
CENT         FT FT FT         19% PT FT FT         9.8 P2% PT FT         839           LPOL         FT FT FT FT         17% PT FT FT         82.6 P3% PT PT PT         560 PT PT PT         560 PT PT PT         560 PT PT PT         518 PT         <	GPML			167.6		3,048
LPOL   FT   17%   82.6   93%   560   FT   17   70%   3,355.0   83%   518		FT + IT	33%		86%	
LPOL FT 17% 82.6 93% 560  WGAT FT + IT 23% 3.355.0 83% 518  FT + IT 70% 3.355.0 83% 518  ALEG FT 29% 315.3 118%  SLAT FT 114% 178.3 96% 261  FT + IT 15% 108% 261  MLAT FT 52% 262.1 91% 236  FT + IT 55% 108% 614  EGAT FT + IT 55% 108% 87  EGAT FT 11 121% 3.575.6 97% 45  EGAT FT 11 18% 775.8 86% 87  LIEG FT 80% 775.8 86% 53  KIRB FT 82% 781.8 82% 50  SMHI FT 149% 12.1 81% 52  SMHI FT 149% 12.1 81% 52  EDM FT 43% 56.8 95% 31  EDM FT 13% 56% 56.8 95% 31  COLD FT 63% 56.8 95% 31  EDM FT 13% 56% 11,709.4 79% 80  NLAT FT 11 25% 16.0 96% 185  WAIN FT 44% 0.5 85% 12  WAIN FT 147 49% 10.5 88% 12  WAIN FT 44% 0.5 88% 17  ELAT FT 117 75% 256.5 88% 171  ELAT FT 117 75% 256.5 88% 171  FT 117 75% 256.5 88% 10,150	CENT	FT	19%	9.8	92%	839
WGAT  FT + IT  COLD  FT + IT		FT + IT				
WGAT  FT + IT  COLD  FT + IT	LPOL	FT	17%	82.6	93%	560
ALEG FT + IT 70% 90% 913 FT + IT 29% 315.3 93% 913 SLAT FT 14% 178.3 96% 261 MLAT FT 52% 262.1 91% 236  MLAT FT 55% 142.6 95% 614 FT + IT 121% 158% 108% 87  EGAT FT 97% 3,575.6 97% 45  MRTN FT 16% 28.1 86% 87 FT + IT 18% 98% 775.8 66% 53 FT + IT 100% 775.8 66% 53  KIRB FT 82% 781.8 82% 50 FT + IT 91% 121% 50  SMHI FT 49% 12.1 81% 52  REDL FT 49% 12.1 81% 52  REDL FT 75 49% 13.1 91% 51 FT 10 49% 12.1 81% 52  REDL FT 63% 56.8 95% 31 FT + IT 109% 1709.4 79% 80  FT 109% 1709.4 79% 80  NLAT FT 109% 16.0 96% 185 FT + IT 25% 16.0 96% 185  WAIN FT 4% 0.5 85% 12  WAIN FT 4% 105% 256.5 88% 171  ELAT FT 1T 75% 256.5 88% 171  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	21 02			02.0		200
ALEG FT + IT 70% 90% 913 FT + IT 29% 315.3 93% 913 SLAT FT 14% 178.3 96% 261 MLAT FT 52% 262.1 91% 236  MLAT FT 55% 142.6 95% 614 FT + IT 121% 158% 108% 87  EGAT FT 97% 3,575.6 97% 45  MRTN FT 16% 28.1 86% 87 FT + IT 18% 98% 775.8 66% 53 FT + IT 100% 775.8 66% 53  KIRB FT 82% 781.8 82% 50 FT + IT 91% 121% 50  SMHI FT 49% 12.1 81% 52  REDL FT 49% 12.1 81% 52  REDL FT 75 49% 13.1 91% 51 FT 10 49% 12.1 81% 52  REDL FT 63% 56.8 95% 31 FT + IT 109% 1709.4 79% 80  FT 109% 1709.4 79% 80  NLAT FT 109% 16.0 96% 185 FT + IT 25% 16.0 96% 185  WAIN FT 4% 0.5 85% 12  WAIN FT 4% 105% 256.5 88% 171  ELAT FT 1T 75% 256.5 88% 171  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	WGAT	FT	67%	3,355.0	83%	518
SLAT       FT       14%       178.3       96%       261         MLAT       FT       52%       262.1       91%       236         MLAT       FT       52%       262.1       91%       236         BLEG       FT       54%       142.6       95%       614         EGAT       FT       55%       108%       614         EGAT       FT       97%       3,575.6       97%       45         EGAT       FT       16%       28.1       86%       87         MRTN       FT       16%       28.1       86%       87         LIEG       FT       80%       775.8       66%       53         FT+ IT       100%       75.8       66%       53         KIRB       FT       82%       781.8       82%       50         SMHI       FT       49%       12.1       81%       52         SRDL       FT       49%       12.1       81%       52         REDL       FT       63%       56.8       95%       31         COLD       FT       63%       56.8       95%       31         EDM       FT+IT				-,		
SLAT       FT FT IT       14% 15% 108% 108%       261         MLAT       FT FT IT       52% 262.1 91% 102%       236         BLEG       FT 54% 142.6 95% 108%       614         EGAT       FT 97% 3,575.6 97% 1111%       45         EGAT       FT 121% 1111%       1111%         MRTN       FT 18% 28.1 86% 87       87         LIEG       FT 80% 775.8 66% 53       53         FFT + IT 100% 101%       53         KIRB       FT 82% 781.8 82% 50       50         FFT + IT 49% 12.1 81% 52       52         SMHI       FT 49% 12.1 81% 52         FFT + IT 49% 13.1 91% 51       51         FEDL       FT 63% 56.8 95% 31         FFT + IT 33% 56.8 95% 31       31         EDM       FT 33% 1,709.4 79% 80         FFT + IT 25% 16.0 96% 112%       112%         WAIN       FT 4% 0.5 85% 12         WAIN       FT 57 75% 256.5 88% 171         FLAT       FT + IT 75% 256.5 88% 171         TOTAL SYSTEM       FT 69% 11,871.5 83% 10,150	ALEG	FT	29%	315.3	93%	913
MLAT  FT		FT + IT	43%		118%	
MLAT         FT FT + IT         52% 56%         262.1         91% 91% 91%         236           BLEG         FT 54% 142.6         95% 95% 95% 614         614           EGAT         FT 17 55% 108% 95% 108% 95% 111%         614           EGAT         FT 97% 3,575.6 97% 111% 95% 95% 1111% 95% 1111%         45           MRTN         FT 16% 28.1 86% 87         86% 87           FT + IT 18% 98% 775.8 66% 53         53           KIRB         FT 82% 781.8 82% 50         50           KIRB         FT 82% 781.8 82% 50         50           SMHI         FT 49% 12.1 81% 52         52           REDL         FT 49% 12.1 81% 52         52           REDL         FT 57 11 49% 12.1 91% 51         51           COLD         FT 63% 56.8 95% 31         31           EDM         FT 109% 56.8 95% 31         31           EDM         FT 25% 16.0 96% 185           FT + IT 25% 112% 112%         112%           WAIN         FT 44% 0.5 85% 112% 111%           FT + IT 75% 256.5 88% 171         111% 111%           ELAT         FT 75% 256.5 88% 171           TOTAL SYSTEM         FT 69% 11,871.5 83% 10,150	SLAT	FT	14%	178.3	96%	261
BLEG FT   17   56%   102%    BLEG FT   54%   142.6   95%   614    EGAT   FT   97%   3,575.6   97%   45    EGAT   FT   121%   111%   111%    MRTN   FT   16%   28.1   86%   87    FT + IT   18%   775.8   66%   53    ET   80%   775.8   66%   53    ET   82%   781.8   82%   50    ET   49%   12.1   81%   52    EDM   FT   2%   13.1   91%   51    EDM   FT   109%   56.8   95%   31    EDM   FT   33%   1,709.4   79%   80    NLAT   FT   25%   16.0   96%   185    WAIN   FT   4%   0.5   85%   12    ELAT   FT   75%   256.5   88%   171    ELAT   FT   17   75%   256.5   88%   171    TOTAL SYSTEM   FT   69%   11,871.5   83%   10,150		FT + IT	15%		108%	
BLEG FT 54% 142.6 95% 614  EGAT FT + IT 55% 3,575.6 97% 45  EGAT FT + IT 121% 3,575.6 97% 45  MRTN FT 16% 28.1 86% 87  ET 80% 775.8 66% 53  ET 80% 775.8 66% 53  ET 100% 775.8 82% 50  EXIRB FT 100% 781.8 82% 50  EXIRB FT 4 17 91% 121% 124%  SMHI FT 49% 12.1 81% 52  FT 11 49% 12.1 81% 52  REDL FT 2% 13.1 91% 51  EDM FT 109% 56.8 95% 31  EDM FT 11 109% 56.8 95% 31  EDM FT 11 33% 1,709.4 79% 80  NLAT FT 17 25% 16.0 96% 185  WAIN FT 4% 0.5 85% 12  WAIN FT 4% 0.5 85% 12  ELAT FT 75% 256.5 88% 171  ELAT FT 75% 256.5 88% 171  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	MLAT	$\mathbf{FT}$	52%	262.1	91%	236
EGAT FT 17 55% 108%  EGAT FT 97% 3,575.6 97% 45 FT 111% 111% 111% 111%  MRTN FT 16% 28.1 86% 87 FT 17 18% 775.8 66% 53 LIEG FT 80% 775.8 66% 53 KIRB FT 17 100% 775.8 82% 50 KIRB FT 82% 781.8 82% 50 SMHI FT 49% 12.1 81% 52 FT 11 49% 12.1 81% 52 REDL FT 2% 13.1 91% 51 FT 11 49% 56.8 95% 31 FT 1 109% 56.8 95% 31 EDM FT 33% 56.8 95% 31 FT 1 36% 1,709.4 79% 80 FT 33% 1,709.4 79% 80 NLAT FT 25% 16.0 96% 1185 WAIN FT 44% 0.5 85% 12 WAIN FT 44% 0.5 85% 12 ELAT FT 17 75% 256.5 88% 171 FT 11 75% 112%		FT + IT	56%		102%	
EGAT FT 17 55% 108%  EGAT FT 97% 3,575.6 97% 45 FT 111% 111% 111% 111%  MRTN FT 16% 28.1 86% 87 FT 17 18% 775.8 66% 53 LIEG FT 80% 775.8 66% 53 KIRB FT 17 100% 775.8 82% 50 KIRB FT 82% 781.8 82% 50 SMHI FT 49% 12.1 81% 52 FT 11 49% 12.1 81% 52 REDL FT 2% 13.1 91% 51 FT 11 49% 56.8 95% 31 FT 1 109% 56.8 95% 31 EDM FT 33% 56.8 95% 31 FT 1 36% 1,709.4 79% 80 FT 33% 1,709.4 79% 80 NLAT FT 25% 16.0 96% 1185 WAIN FT 44% 0.5 85% 12 WAIN FT 44% 0.5 85% 12 ELAT FT 17 75% 256.5 88% 171 FT 11 75% 112%	BLEG	FT	54%	142.6	95%	614
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	DLLG			1.2.0		011
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	EGAT	FT	97%	3,575.6	97%	45
LIEG FT + IT 18% 98%    LIEG FT 80% 775.8 66% 53   FT + IT 100% 75.8 101% 50    KIRB FT 82% 781.8 82% 50    ET + IT 91% 124% 50    SMHI FT 49% 12.1 81% 52    EDM FT + IT 49% 13.1 91% 51    EDM FT 109% 56.8 95% 31    FT + IT 109% 56.8 95% 31    EDM FT 33% 1,709.4 79% 80    FT + IT 36% 117% 117%    NLAT FT 25% 16.0 96% 185    FT + IT 25% 112% 112%    WAIN FT 4% 0.5 85% 12    ELAT FT 75% 256.5 88% 171    ELAT FT 75% 256.5 88% 171    TOTAL SYSTEM FT 69% 11,871.5 83% 10,150		FT + IT	121%	,	111%	
LIEG FT 80% 775.8 66% 53  KIRB FT 82% 781.8 82% 50  FT + IT 91% 124%  SMHI FT 49% 12.1 81% 52  FT + IT 49% 13.1 91% 51  FT 1 63% 56.8 95% 31  FT + IT 109% 56.8 95% 31  EDM FT 33% 1,709.4 79% 80  FT 1 36% 117%  NLAT FT 25% 16.0 96% 185  FT + IT 25% 112%  WAIN FT 4% 0.5 85% 12  ELAT FT 75% 256.5 88% 171  FT 17 75% 256.5 88% 171  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	MRTN	FT	16%	28.1	86%	87
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		FT + IT	18%		98%	
KIRB       FT FT + IT       82% 781.8 82% 124%       50         SMHI       FT 49% 12.1 81% 121%       52         REDL       FT 49% 13.1 91% 119%       51         COLD       FT 63% 56.8 95% 121%       31         EDM       FT 33% 1,709.4 79% 80       80         FT + IT 36% 117%       112% 112%         NLAT       FT 25% 16.0 96% 112%         WAIN       FT 4% 0.5 85% 112%         ELAT       FT 75% 256.5 88% 171         FT + IT 75% 112%       112% 112%         TOTAL SYSTEM       FT 69% 11,871.5 83% 10,150	LIEG	FT	80%	775.8	66%	53
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		FT + IT	100%		101%	
SMHI       FT FT + IT       49% 12.1 81% 121%       52         REDL       FT HT       2% 13.1 91% 119%       51         COLD       FT 63% 56.8 95% 121%       31         EDM       FT 33% 1,709.4 79% 80 FT + IT 36% 117%       80         NLAT       FT 25% 16.0 96% 112%         WAIN       FT 4% 0.5 85% 112%         ELAT       FT 75% 256.5 88% 171         TOTAL SYSTEM       FT 69% 11,871.5 83% 10,150	KIRB	FT	82%	781.8		50
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		FT + IT	91%		124%	
REDL       FT FT + IT       2% 4%       13.1       91% 119%       51         COLD       FT 63% 56.8       95% 121%       31         EDM       FT 109% 121%       79% 80         FT + IT 36% 117%       117% 117%         NLAT       FT 25% 16.0 96% 112%       185         WAIN       FT 4% 0.5 85% 112%       12         ELAT       FT 75% 256.5 88% 171       111%         TOTAL SYSTEM       FT 69% 11,871.5 83% 10,150	SMHI	FT	49%	12.1	81%	52
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		FT + IT	49%		121%	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	REDL	FT	2%	13.1	91%	51
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		FT + IT	4%		119%	
EDM FT 33% 1,709.4 79% 80 FT + IT 36% 117%  NLAT FT 25% 16.0 96% 185 FT + IT 25% 112%  WAIN FT 4% 0.5 85% 12 FT + IT 4% 111%  ELAT FT 75% 256.5 88% 171 FT + IT 75% 112%  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	COLD	FT	63%	56.8	95%	31
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		FT + IT	109%		121%	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	EDM	FT	33%	1,709.4	79%	80
WAIN     FT		FT + IT	36%		117%	
WAIN     FT	NLAT	FT	25%	16.0	96%	185
ELAT FT + IT 4% 111%  ELAT FT 75% 256.5 88% 171 FT + IT 75% 112%  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150						
ELAT FT + IT 4% 111%  ELAT FT 75% 256.5 88% 171 FT + IT 75% 112%  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	WAIN	FT	4%	0.5	85%	12
FT + IT 75% 112%  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	•					
FT + IT 75% 112%  TOTAL SYSTEM FT 69% 11,871.5 83% 10,150	ELAT	FT	75%	256.5	88%	171
	TOTAL SYSTEM	FT	69%	11,871.5	83%	10,150
				-		

<sup>\*</sup>NOTE:
1. FT includes all receipt and delivery Firm Transportation Services: FTR, FTRN,
2. IT includes all receipt and delivery Interruptible Services: ITR, FRO, ITD1, ITD2,
3. Utilization data is based on billed monthly volumes. Percent utilization calculated billed volumes divided by applicable receipt or delivery Contract level.



### DESIGN CAPABILITY UTILIZATION FT. McMURRAY AREA – FLOW WITHIN





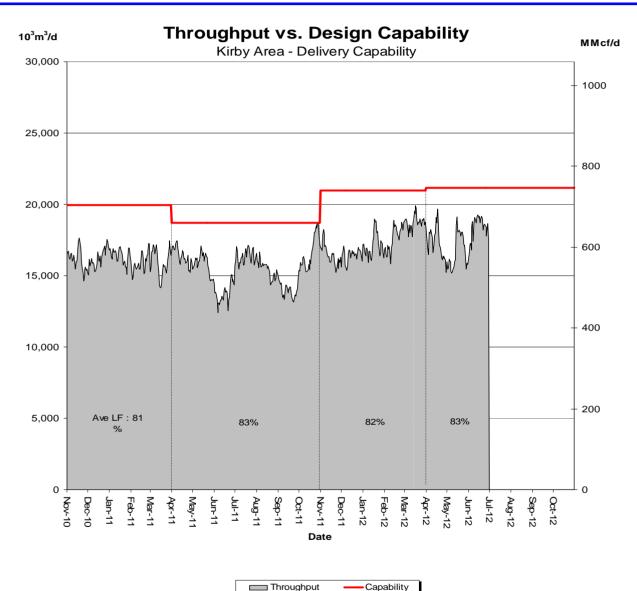
Throughput —Capability

% Design Capability Utilization  Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	60	60	62	64	54	55



### DESIGN CAPABILITY UTILIZATION KIRBY AREA – FLOW WITHIN



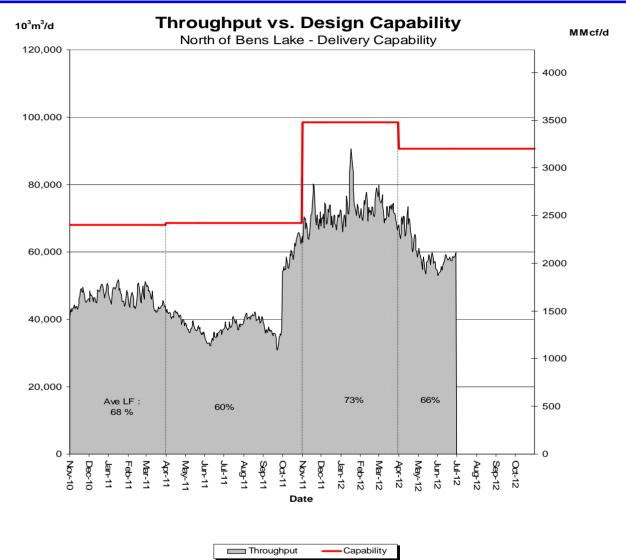


% Design Capability Utilization  Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	82	84	89	82	79	87



### DESIGN CAPABILITY UTILIZATION NORTH OF BENS LAKE – FLOW WITHIN



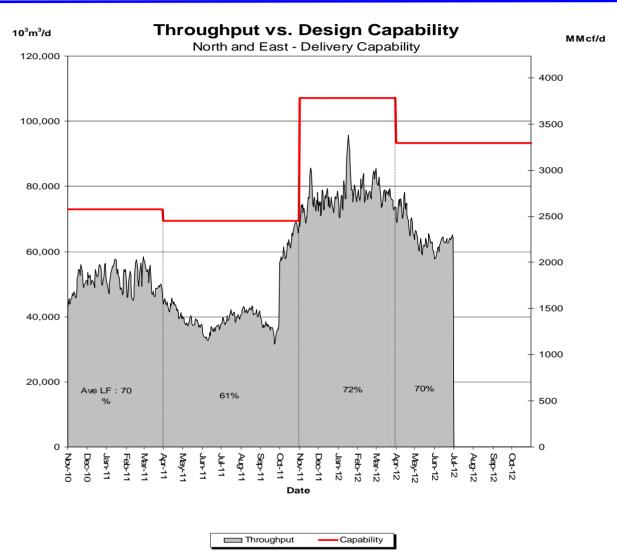


% Design Capability Utilization  Monthly Average Area Deliveries as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	76	75	73	73	63	63



### DESIGN CAPABILITY UTILIZATION NORTH & SOUTH OF BENS LAKE – FLOW WITHIN



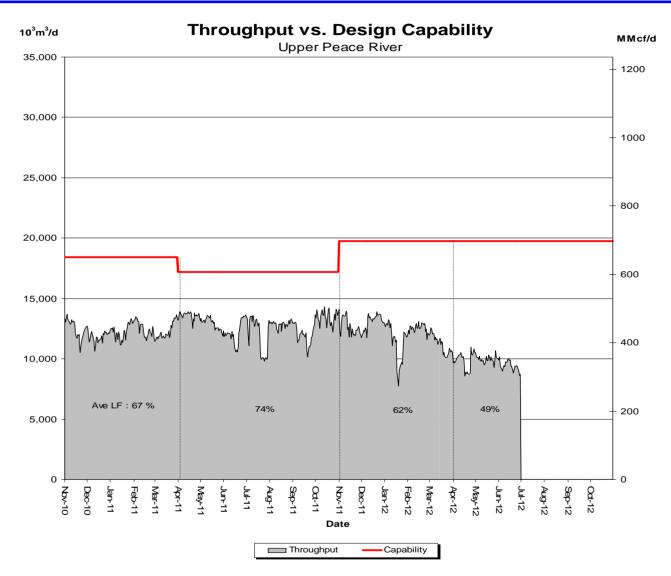


% Design Capability Utilization  Monthly Average Actual Area Deliveries as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	74	74	72	76	67	67



# DESIGN CAPABILITY UTILIZATION UPPER PEACE RIVER



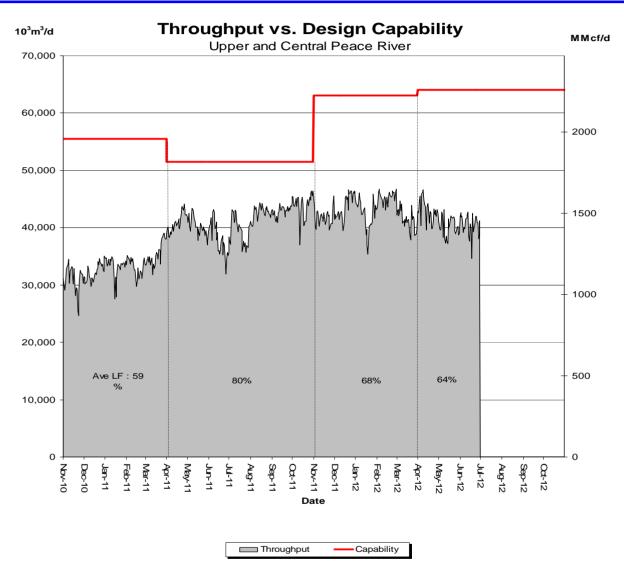


% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	57	63	57	50	50	48



## **DESIGN CAPABILITY UTILIZATION UPPER and CENTRAL PEACE RIVER**





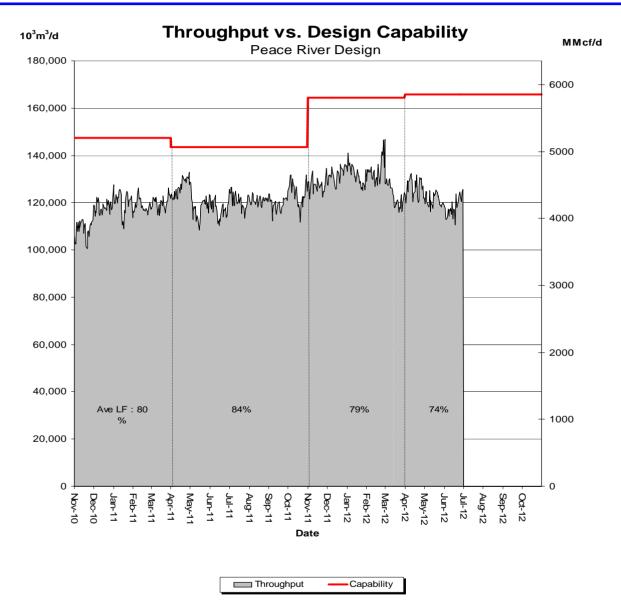
% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	67	72	65	67	63	63



## DESIGN CAPABILITY UTILIZATION PEACE RIVER DESIGN

(Upper, Central and Lower Peace River)



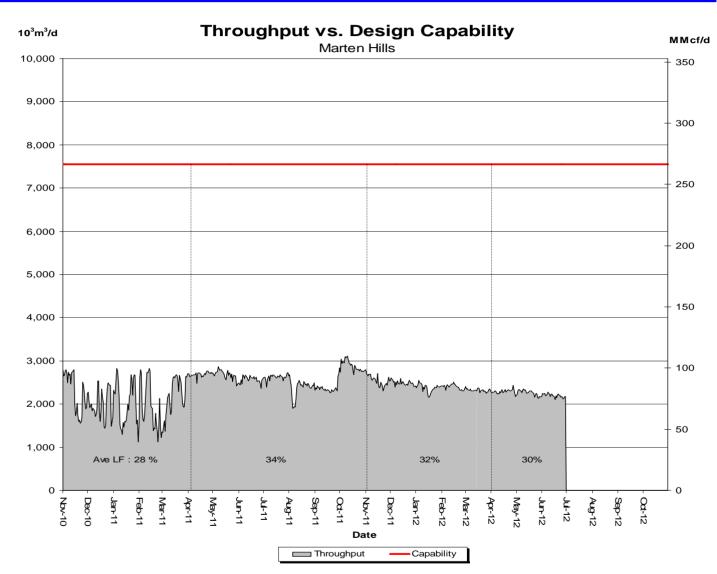


% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	80	81	75	76	73	71



# DESIGN CAPABILITY UTILIZATION MARTEN HILLS



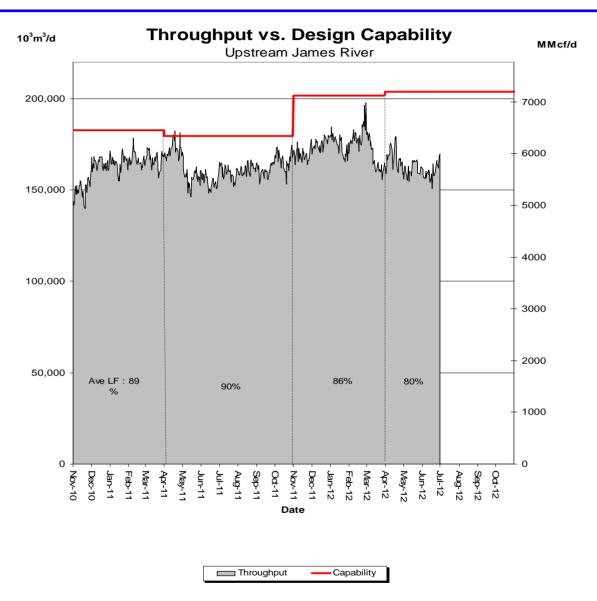


% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Design Capability							
Average Flow/	Jan	Feb	Mar	Apr	May	Jun	
Design Capability	31	32	31	30	30	29	



# DESIGN CAPABILITY UTILIZATION UPSTREAM JAMES RIVER

(Edson Mainline, Peace River Design and Marten Hills)

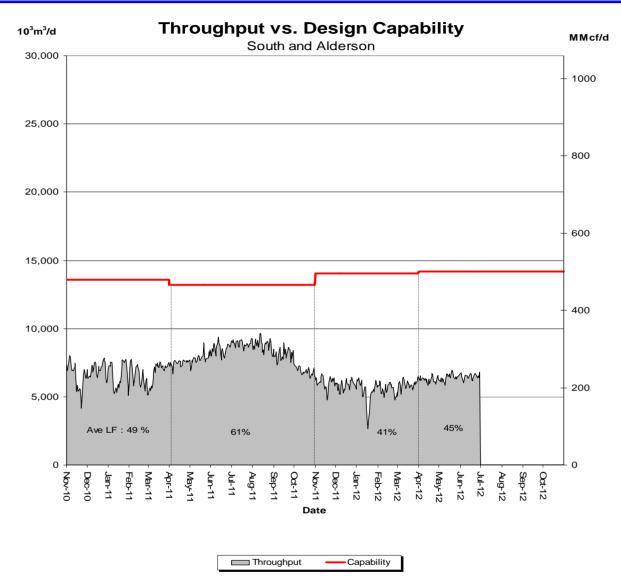


% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Design Capability						
Average Flow/	Jan	Feb	Mar	Apr	May	Jun
Design Capability	87	89	83	82	79	78



# **DESIGN CAPABILITY UTILIZATION SOUTH and ALDERSON**



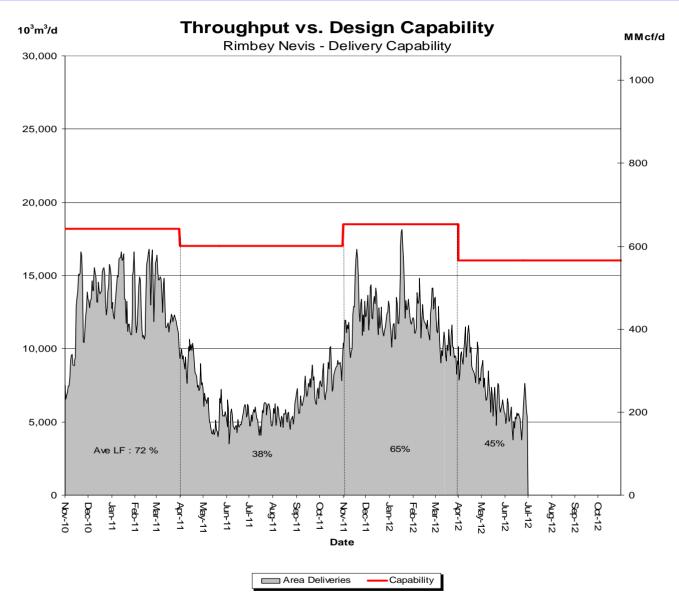


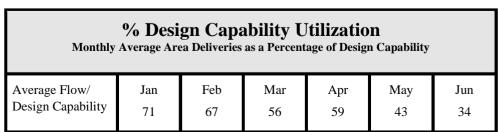
% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Design Capability							
Average Flow/	Jan	Feb	Mar	Apr	May	Jun	
Design Capability	37	40	42	44	45	46	



## **DESIGN CAPABILITY UTILIZATION RIMBEY-NEVIS – FLOW WITHIN**





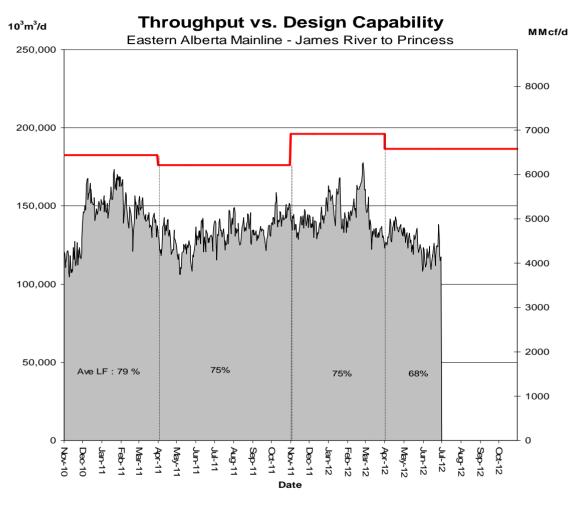




## DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE

(James River to Princess)





% Design Capability Utilization  Monthly Average Actual Flow as a Percentage of Design Capability							
Average Flow/	Jan	Feb	Mar	Apr	May	Jun	
Design Capability	77	79	69	72	68	64	

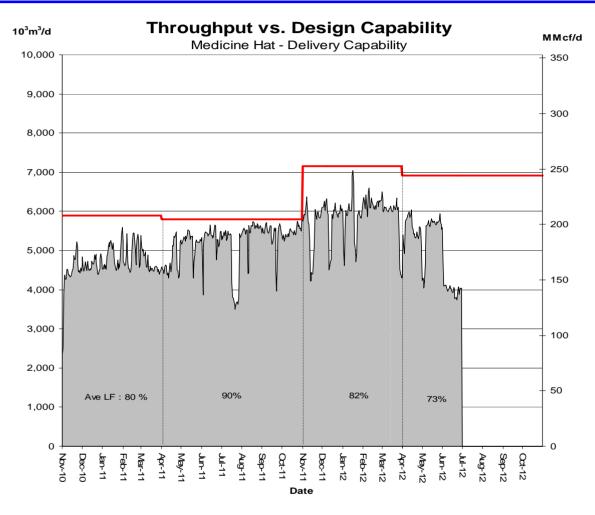
Capability

Throughput



## **DESIGN CAPABILITY UTILIZATION MEDICINE HAT – FLOW WITHIN**





Area Deliveries	Capability

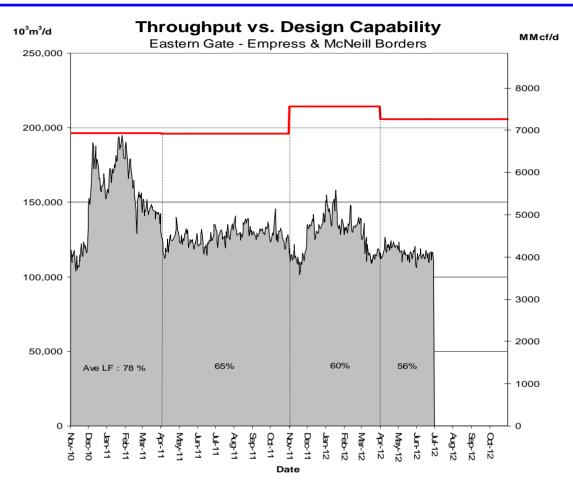
% Design Capability Utilization  Monthly Average Area Deliveries as a Percentage of Design Capability							
Average Flow/	Jan	Feb	Mar	Apr	May	Jun	
Design Capability	81	87	82	80	79	59	

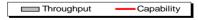


# DESIGN CAPABILITY UTILIZATION EASTERN ALBERTA MAINLINE

(Princess to Empress / McNeill)







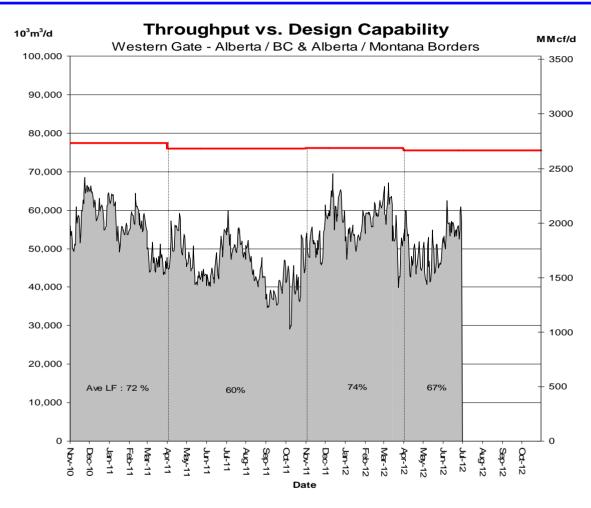
% Design Capability Utilization Average Actual Flow as a Percentage of Design Capability							
Average Flow / Design Capability	Jan	Feb	Mar	Apr	May	Jun	
	66	63	55	58	56	55	



## DESIGN CAPABILITY UTILIZATION WESTERN ALBERTA MAINLINE

(Alberta/B.C. and Alberta/Montana Borders)





% Design Capability Utilization Average Actual Flow as a Percentage of Design Capability							
Average Flow / Design Capability	Jan	Feb	Mar	Apr	May	Jun	
	70	78	73	65	63	73	

Capability

Throughput



### HISTORICAL TRANSPORTATION SERVICE AVAILABILITY

April 1, 2012 to June 30, 2012 (3 Month Average)

Receipt Area		IT-R Service	Firm Service	Firm Service	%(	CD	Causes/Comments (3)
		Available	Available	Restriction	Restri	cted <sup>(1)</sup>	
	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	
	WRSY26	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	
	SMHI12	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	



## FUTURE FIRM TRANSPORTATION SERVICE AVAILABILITY (MAINLINE RESTRICTIONS)

### **Receipt and Delivery Firm Transportation Guidelines**

Firm Transportation Location	Authorize Firm Transportation Service By	To Ensure Firm Transportation Service By
Summer construction (generally south of Edmonton)	November 2012	November 2014
Winter construction (generally north of Edmonton)	November 2012	April 2015

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

Please refer to the following web site for current FT-R Availability Map:

http://www.transcanada.com/customerexpress/docs/ab\_ftr\_availability\_map/external\_map.pdf

Please refer to the following web site for current FT-D Availability Map:

http://www.transcanada.com/customerexpress/docs/ab\_ftd\_availability\_map/mapavailability.pdf



### 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 Capability Utilization**

The load factor/segment flow graphs show actual flow versus design capability values for various NGTL system areas. The graphs also show seasonal (winter/summer) design capability and average load factors for each season. Data used in these reports lags the current date by one month.

Design Flow Capability 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.

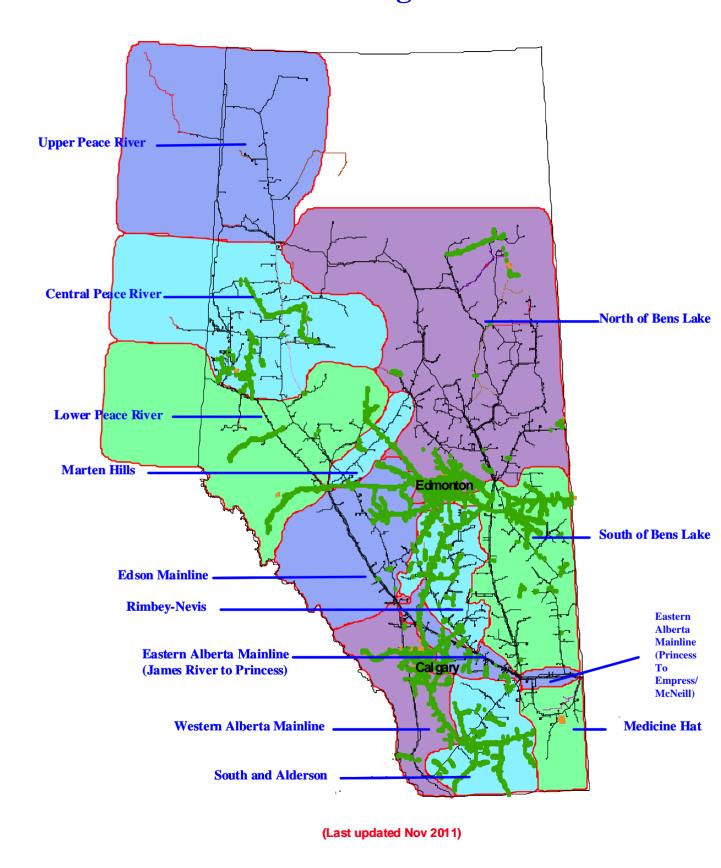
As a monthly feature the Historical Transportation Service Availability is shown as a three-month rolling average of transportation availability.

#### **Future Firm Transportation Service Availability**

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

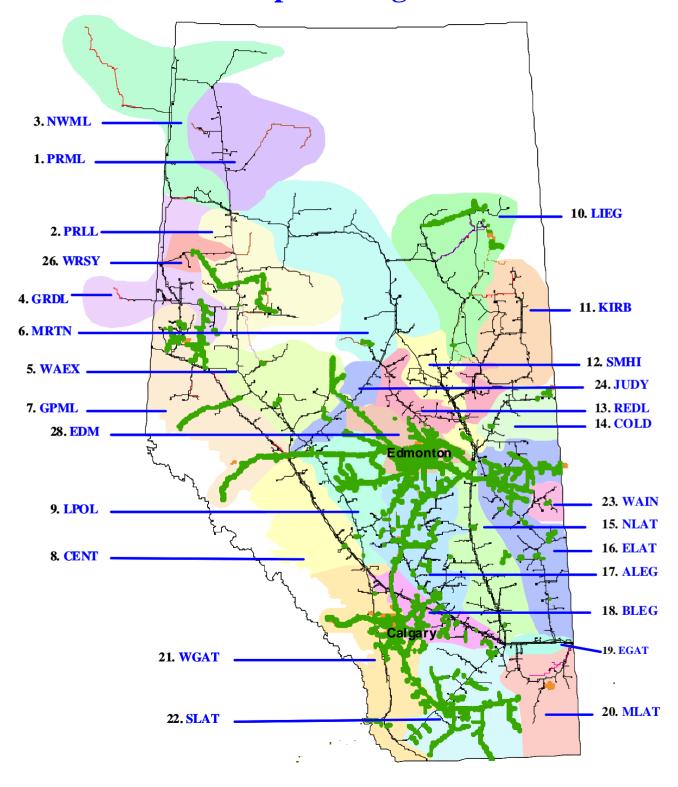


## **NGTL Design Areas**





## **NGTL Pipeline Segments**



### **DEFINITION OF TERMS**

### Design Capability Utilization

#### Actual Flow

The amount of gas flowing within or out of our design area.

#### Design Capability

The volume of gas that can be transported at various points on the pipeline system considering design assumptions.

#### AVGLF (Average Load Factor)

The ratio between average *Actual Flow* and *Design Capability*. It is calculated for every design season (summer/winter) as shown on the graphs.

#### 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

