

Monthly Reference Price Calculations

October 2006

Natural Gas and In-stream Component Reference Prices

Gas Reference Price		4.40 \$/GJ
Breakdown:		
Weighted Average Price of Alberta Gas	4.761	\$/GJ
Deductions:		
Intra-Alberta Transportation	0.218	\$/GJ
Marketing Allowance	0.012	\$/GJ
Price before Pipeline Factor	4.531	\$/GJ
Pipeline Fuel/Loss Factor	.990	
Price Before Special Adjustment	4.484	\$/GJ
Special Adjustment	0.000	\$/GJ
Calculated RP (price before 2% amendment limitation or rounding)	4.484	\$/GJ
Amendments:		
Brought forward (from previous RP month)	0.002	\$/GJ
Prior Period Amendment Adjustment (current RP month)	-0.183	\$/GJ
Calculated RP After Amendments	4.303	\$/GJ
Reference Price	4.40	\$/GJ
Difference – Value is carried forward to next RP month	-0.097	\$/GJ

Methane ISC Reference Price		4.33 \$/GJ
Breakdown:		
Weighted Average Price of Alberta Gas	4.702	\$/GJ
Deductions:		
Intra-Alberta Transportation	0.231	\$/GJ
Marketing Allowance	0.012	\$/GJ
Price before Pipeline Factor	4.459	\$/GJ
Pipeline Fuel/Loss Factor	.990	
Price Before Special Adjustment	4.413	\$/GJ
Special Adjustment	0.000	\$/GJ
Calculated RP (price before 2% amendment limitation or rounding)	4.413	\$/GJ
Amendments:		
Brought forward (from previous RP month)	0.000	\$/GJ
Prior Period Amendment Adjustment (current RP month)	-0.194	\$/GJ
Calculated RP After Amendments	4.219	\$/GJ
Reference Price	4.33	\$/GJ
Difference – Value is carried forward to next RP month	-0.111	\$/GJ
Methane ISC Adjusted Intra-Alberta Transportation Deduction	0.229	\$/GJ

Methane ISC Par Price		4.33 \$/GJ
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Ethane ISC Reference Price		4.82 \$/GJ
Breakdown:		
Weighted Average Price of Alberta Gas	5.111	\$/GJ
Deductions:		
Intra-Alberta Transportation	0.132	\$/GJ
Marketing Allowance	0.012	\$/GJ
Price before Pipeline Factor	4.967	\$/GJ
Pipeline Fuel/Loss Factor	.990	
Price Before Special Adjustment	4.915	\$/GJ
Special Adjustment	0.000	\$/GJ
Calculated RP (price before 2% amendment limitation or rounding)	4.915	\$/GJ
Amendments:		
Brought forward (from previous RP month)	0.003	\$/GJ
Prior Period Amendment Adjustment (current RP month)	-0.121	\$/GJ
Calculated RP After Amendments	4.797	\$/GJ
Reference Price	4.82	\$/GJ
Difference – Value is carried forward to next RP month	-0.023	\$/GJ
Ethane ISC Adjusted Intra-Alberta Transportation Deduction	0.131	\$/GJ

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Propane ISC Reference Price 5.00 \$/GJ

Breakdown:		
Weighted Average Price of Alberta Gas	5.249	\$/GJ
Deductions:		
Intra-Alberta Transportation	0.093	\$/GJ
Marketing Allowance	0.012	\$/GJ
Price before Pipeline Factor	5.144	\$/GJ
Pipeline Fuel/Loss Factor	.990	
Price Before Special Adjustment	5.091	\$/GJ
Special Adjustment	0.000	\$/GJ
Calculated RP (price before 2% amendment limitation or rounding)	5.091	\$/GJ
Amendments:		
Brought forward (from previous RP month)	-0.001	\$/GJ
Prior Period Amendment Adjustment (current RP month)	-0.086	\$/GJ
Calculated RP After Amendments	5.003	\$/GJ
Reference Price	5.00	\$/GJ
Difference – Value is carried forward to next RP month	0.003	\$/GJ
Propane ISC Adjusted Intra-Alberta Transportation Deduction	0.092	\$/GJ

Butanes ISC Reference Price 5.03 \$/GJ

Breakdown:		
Weighted Average Price of Alberta Gas	5.257	\$/GJ
Deductions:		
Intra-Alberta Transportation	0.072	\$/GJ
Marketing Allowance	0.012	\$/GJ
Price before Pipeline Factor	5.173	\$/GJ
Pipeline Fuel/Loss Factor	.990	
Price Before Special Adjustment	5.119	\$/GJ
Special Adjustment	0.000	\$/GJ
Calculated RP (price before 2% amendment limitation or rounding)	5.119	\$/GJ
Amendments:		
Brought forward (from previous RP month)	-0.003	\$/GJ
Prior Period Amendment Adjustment (current RP month)	-0.084	\$/GJ
Calculated RP After Amendments	5.032	\$/GJ
Reference Price	5.03	\$/GJ
Difference – Value is carried forward to next RP month	0.002	\$/GJ
Butanes ISC Adjusted Intra-Alberta Transportation Deduction	0.071	\$/GJ

Pentanes Plus ISC Reference Price 5.06 \$/GJ

Breakdown:		
Weighted Average Price of Alberta Gas	5.270	\$/GJ
Deductions:		
Intra-Alberta Transportation	0.054	\$/GJ
Marketing Allowance	0.012	\$/GJ
Price before Pipeline Factor	5.204	\$/GJ
Pipeline Fuel/Loss Factor	.990	
Price Before Special Adjustment	5.150	\$/GJ
Special Adjustment	0.000	\$/GJ
Calculated RP (price before 2% amendment limitation or rounding)	5.150	\$/GJ
Amendments:		
Brought forward (from previous RP month)	-0.004	\$/GJ
Prior Period Amendment Adjustment (current RP month)	-0.083	\$/GJ
Calculated RP After Amendments	5.062	\$/GJ
Reference Price	5.06	\$/GJ
Difference – Value is carried forward to next RP month	0.002	\$/GJ
Pentanes ISC Adjusted Intra-Alberta Transportation Deduction	0.054	\$/GJ

Monthly Reference Price Calculations

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Natural Gas Liquids Reference Prices and Par Prices

Ethane Reference Price	4.82	\$/GJ
Ethane Par Price	4.82	\$/GJ
Propane Reference Price	263.50	\$/m ³
Propane Par Price	5.00	\$/GJ
Butanes Reference Price	320.32	\$/m ³
Butanes Par Price	5.03	\$/GJ
Pentanes Plus Reference Price	431.87	\$/m ³
Pentanes Plus Par Price	410.21	\$/m ³
Propane Floor Price	228.69	\$/m ³
Butanes Floor Price	254.10	\$/m ³

Natural Gas Liquids Transportation Allowances

Pentanes Plus (Spec Pentanes):

Region 1	17.73	\$/m ³
Region 2	32.23	\$/m ³
Region 3	44.58	\$/m ³
Region 4	8.15	\$/m ³

Propane & Butanes (Spec Product):

Region 1	18.24	\$/m ³
Region 2	1.49	\$/m ³
Region 3	17.20	\$/m ³
Region 4	8.30	\$/m ³

Pentanes Plus, Propane & Butanes (NGL Mix):

Region 1	16.16	\$/m ³
Region 2	15.89	\$/m ³
Region 3	28.60	\$/m ³
Region 4	14.69	\$/m ³

Fractionation Allowance	15.50	\$/m ³
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Natural Gas and Natural Gas Liquids Royalty Rates

New Methane	30.00000 %
Old Methane	35.00000 %
New Ethane	30.00000 %
Old Ethane	35.00000 %
Propane	30.00000 %
Butanes	30.00000 %
New Pentanes Plus	33.39231 %
Old Pentanes Plus	46.53729 %

Select Prices 2006

New Methane	1.419	\$/GJ
Old Methane	0.418	\$/GJ
New Ethane	1.419	\$/GJ
Old Ethane	0.418	\$/GJ
Propane	1.419	\$/GJ
Butane	1.419	\$/GJ
Pentanes plus	50.73	\$/m ³

Royalty Factors for Pentanes Plus

	Base	Marginal
New Pentanes	22	35
Old Pentanes	22	50

The 2006 Alberta Royalty Tax Credit Rate

1 st quarter	25.00 %
2 nd quarter	25.00 %
3 rd quarter	25.00 %
4 th quarter	25.00 %

Sulphur Default Price 14.99 \$ / tonne