

# Monthly Reference Price Calculations

## September 2009

### Natural Gas and In-stream Component Reference Prices

**Gas Reference Price** **\$2.48/GJ**

Breakdown:	
Weighted Average Price of Alberta Gas	\$2.768/GJ
Deductions:	
Intra-Alberta Transportation	\$0.280/GJ
Marketing Allowance	\$0.011/GJ
Price before Pipeline Factor	\$2.477/GJ
Pipeline Fuel/Loss Factor	0.994
Price Before Special Adjustment	\$2.463/GJ
Special Adjustment	\$0.000/GJ
Calculated RP (price before 2% amendment limitation or rounding)	\$2.463/GJ
Amendments:	
Brought forward (from previous RP month)	\$0.019/GJ
Prior Period Amendment Adjustment (current RP month)	\$0.000/GJ
Calculated RP After Amendments	\$2.482/GJ
Reference Price	\$2.48/GJ
Difference – Value is carried forward to next RP month	\$0.002/GJ

**Methane ISC Reference Price** **\$2.45/GJ**

Breakdown:	
Weighted Average Price of Alberta Gas	\$2.749/GJ
Deductions:	
Intra-Alberta Transportation	\$0.298/GJ
Marketing Allowance	\$0.011/GJ
Price before Pipeline Factor	\$2.440/GJ
Pipeline Fuel/Loss Factor	0.994
Price Before Special Adjustment	\$2.427/GJ
Special Adjustment	\$0.000/GJ
Calculated RP (price before 2% amendment limitation or rounding)	\$2.427/GJ
Amendments:	
Brought forward (from previous RP month)	\$0.027/GJ
Prior Period Amendment Adjustment (current RP month)	-\$0.001/GJ
Calculated RP After Amendments	\$2.453/GJ
Reference Price	\$2.45/GJ
Difference – Value is carried forward to next RP month	\$0.003/GJ
Methane ISC Adjusted Intra-Alberta Transportation Deduction	\$0.296/GJ

**Methane ISC Par Price** **\$2.45/GJ**

**Ethane ISC Reference Price** **\$2.73/GJ**

Breakdown:	
Weighted Average Price of Alberta Gas	\$2.924/GJ
Deductions:	
Intra-Alberta Transportation	\$0.170/GJ
Marketing Allowance	\$0.011/GJ
Price before Pipeline Factor	\$2.743/GJ
Pipeline Fuel/Loss Factor	0.994
Price Before Special Adjustment	\$2.728/GJ
Special Adjustment	\$0.000/GJ
Calculated RP (price before 2% amendment limitation or rounding)	\$2.728/GJ
Amendments:	
Brought forward (from previous RP month)	\$0.004/GJ
Prior Period Amendment Adjustment (current RP month)	-\$0.007/GJ
Calculated RP After Amendments	\$2.725/GJ
Reference Price	\$2.73/GJ
Difference – Value is carried forward to next RP month	-\$0.005/GJ
Ethane ISC Adjusted Intra-Alberta Transportation Deduction	\$0.169/GJ

# Monthly Reference Price Calculations

## September 2009

**Propane ISC Reference Price** **\$2.86/GJ**

Breakdown:	
Weighted Average Price of Alberta Gas	\$2.999/GJ
Deductions:	
Intra-Alberta Transportation	\$0.119/GJ
Marketing Allowance	\$0.011/GJ
Price before Pipeline Factor	\$2.869/GJ
Pipeline Fuel/Loss Factor	0.994
Price Before Special Adjustment	\$2.853/GJ
Special Adjustment	\$0.000/GJ
Calculated RP (price before 2% amendment limitation or rounding)	\$2.853/GJ
Amendments:	
Brought forward (from previous RP month)	\$0.005/GJ
Prior Period Amendment Adjustment (current RP month)	\$0.001/GJ
Calculated RP After Amendments	\$2.859/GJ
Reference Price	\$2.86/GJ
Difference – Value is carried forward to next RP month	\$0.000/GJ
Propane ISC Adjusted Intra-Alberta Transportation Deduction	\$0.119/GJ

**Butanes ISC Reference Price** **\$2.88/GJ**

Breakdown:	
Weighted Average Price of Alberta Gas	\$3.004/GJ
Deductions:	
Intra-Alberta Transportation	\$0.092/GJ
Marketing Allowance	\$0.011/GJ
Price before Pipeline Factor	\$2.901/GJ
Pipeline Fuel/Loss Factor	0.994
Price Before Special Adjustment	\$2.885/GJ
Special Adjustment	\$0.000/GJ
Calculated RP (price before 2% amendment limitation or rounding)	\$2.885/GJ
Amendments:	
Brought forward (from previous RP month)	-\$0.003/GJ
Prior Period Amendment Adjustment (current RP month)	\$0.000/GJ
Calculated RP After Amendments	\$2.882/GJ
Reference Price	\$2.88/GJ
Difference – Value is carried forward to next RP month	\$0.003/GJ
Butanes ISC Adjusted Intra-Alberta Transportation Deduction	\$0.092GJ

**Pentanes Plus ISC Reference Price** **\$2.91/GJ**

Breakdown:	
Weighted Average Price of Alberta Gas	\$3.009/GJ
Deductions:	
Intra-Alberta Transportation	\$0.070/GJ
Marketing Allowance	\$0.011/GJ
Price before Pipeline Factor	\$2.928/GJ
Pipeline Fuel/Loss Factor	0.994
Price Before Special Adjustment	\$2.912/GJ
Special Adjustment	\$0.000/GJ
Calculated RP (price before 2% amendment limitation or rounding)	\$2.912/GJ
Amendments:	
Brought forward (from previous RP month)	-\$0.001/GJ
Prior Period Amendment Adjustment (current RP month)	\$0.000/GJ
Calculated RP After Amendments	\$2.911/GJ
Reference Price	\$2.91GJ
Difference – Value is carried forward to next RP month	\$0.001/GJ
Pentanes ISC Adjusted Intra-Alberta Transportation Deduction	\$0.069/GJ

# Monthly Reference Price Calculations

## September 2009

### Natural Gas Liquids Reference Prices and Par Prices

Ethane Reference Price	\$2.73/GJ
Ethane Par Price	\$2.73/GJ
Propane Reference Price	\$213.48/m <sup>3</sup>
Butanes Reference Price	\$360.13/m <sup>3</sup>
Pentanes Plus Reference Price	\$464.65/m <sup>3</sup>
Pentanes Plus Par Price	\$448.88/m <sup>3</sup>
Propane Floor Price	\$194.59/m <sup>3</sup>
Butanes Floor Price	\$258.92/m <sup>3</sup>

### Natural Gas Liquids Transportation Allowances

#### Pentanes Plus (Spec Pentanes):

Region 1	\$11.64/m <sup>3</sup>
Region 2	\$18.05/m <sup>3</sup>
Region 3	\$24.65/m <sup>3</sup>
Region 4	\$22.70/m <sup>3</sup>

#### Propane & Butanes (Spec Product):

Region 1	\$18.56/m <sup>3</sup>
Region 2	\$27.61/m <sup>3</sup>
Region 3	\$4.88/m <sup>3</sup>
Region 4	\$13.82/m <sup>3</sup>

#### Pentanes Plus, Propane & Butanes (NGL Mix):

Region 1	\$55.78/m <sup>3</sup>
Region 2	\$47.76/m <sup>3</sup>
Region 3	\$64.83/m <sup>3</sup>
Region 4	\$42.47/m <sup>3</sup>

### Fractionation Allowance

17.25/m<sup>3</sup>

### Sulphur Default Price

\$0.19 / tonne