

## Current Year Equalization Data

As of December 13, 2018

Light Crude EQ Factors				Condensate EQ Data						
Year		Density EQ Factor	Sulphur EQ Factor	C5+ Price	Hvy Price	Ref T	Avg C5+ Density	Calculated Blend Density	Density EQ Factor	Sulphur EQ Factor
		\$/m3 per kg/m3	\$/m3 per 0.1wt%Sul	\$	\$	°C	kg/m <sup>3</sup>	kg/m <sup>3</sup>	\$/m3 per kg/m3	\$/m3 per 0.1wt%Sulphur
2018	<b>Jan</b>	0.49	1.38	512.69	328.06	7.74	737.7	920.8	<b>0.47</b>	1.38
2018	<b>Feb</b>	0.49	1.38	478.77	295.01	7.50	736.6	920.5	<b>0.47</b>	1.38
2018	<b>Mar</b>	0.49	1.38	513.49	285.46	7.50	733.6	920.3	<b>0.58</b>	1.38
2018	<b>Apr</b>	0.49	1.38	556.36	318.27	8.00	736.8	921.1	<b>0.61</b>	1.38
2018	<b>May</b>	0.49	1.38	574.42	428.33	10.53	737.1	924.2	<b>0.36</b>	1.38
2018	<b>Jun</b>	0.49	1.38	549.84	427.05	14.00	743.4	928.8	<b>0.31</b>	1.38
2018	<b>Jul</b>	0.49	1.38	564.63	432.46	16.52	737.0	931.6	<b>0.33</b>	1.38
2018	<b>Aug</b>	0.49	1.38	532.13	398.74	18.26	744.5	934.1	<b>0.35</b>	1.38
2018	<b>Sep</b>	0.49	1.38	552.34	329.34	17.75	741.5	933.3	<b>0.60</b>	1.38
2018	<b>Oct</b>	0.49	1.38	482.84	327.75	14.73	750.7	930.1	<b>0.43</b>	1.38
2018	<b>Nov</b>	0.49	1.38	383.01	98.76	11.50	754.2	926.4	<b>0.83</b>	1.38
2018	<b>Dec</b>	0.49	1.38							1.38

### NOTES:

#### NOTES FOR CRUDE EQ:

The information contained in this file is collected from the semiannual Crude EQ letter and it may contain inaccuracies or typographical errors.

#### Nomenclature

Density Penalty slope (\$Cdn/m3 per kg/m3 ) calculated according to Crude EQ methodology.  
Sulphur Penalty slope (\$Cdn / m3 per 0.1 wt% Sulphur) calculated according to Crude EQ methodology.

\*effective February 2013 production month - no longer track butane price

#### NOTES FOR CONDENSATE EQ:

The information contained in this file is collected from the monthly Condensate EQ letter and it may contain inaccuracies or typographical errors.

#### Nomenclature

C5+ Price Condensate allowance Price (\$Cdn/m3). Source: Enbridge.  
C4 Price \* Butane Price (\$Cdn/m3). Arithmetic average Edmonton Posters currently Shell, Spectra and Keyera  
Hvy Price Heavy allowance Price (\$Cdn/m3) volumetric weighted average. Source: Enbridge.  
Ref T Monthly average Enbridge Reference temperature (°C). Source: Enbridge.  
Avg C5+ Density Volumetric Weighted Average Enbridge Edmonton Condensate receipts (CRW) (kg/m3). Source: Enbridge.  
Density EQ Factor Penalty slope (\$Cdn/m3 per kg/m3 ) calculated according to Condensate EQ methodology.  
Sulphur EQ Factor Penalty slope (\$Cdn / m3 per 0.1 wt% Sulphur) calculated according to Crude EQ methodology.