



VALUE NAVIGATOR PRICE FILE - RELEASE NOTES

Enclosed within this .zip are folders for Value Navigator versions 6.5 and greater. Within each folder is one price file that can be imported into the specified version of Value Navigator. This single price file contains all tax, royalty, par/reference pricing, benchmark pricing and exchange rate information relevant to the most recent month end.

These files also contain Alberta Modernized Royalty Framework (MRF) data. These files may be imported into either MRF or pre-MRF versions of the program.

If you encounter any difficulties, please do not hesitate to [contact Sproule](#).

New This Month (2018-04-30):

Changes for this month's release include those made to incorporate updates to pricing, exchange rate assumptions and inflation as of April 30, 2018. Please note that these files now include pricing forecasts needed for the MRF and there are certain assumptions that have been made regarding the MRF pricing forecasts. These assumptions include forecasts of hydrocarbon par pricing for oil, natural gas, natural gas liquids and the C* Capital Cost Index (C* CCI). These values may require updating once the AER releases more clarifying details regarding the MRF calculations.

Price Forecast Adjustment Notice – April 30, 2018

Sproule has adjusted its April 30, 2018 price forecast as outlined below:



WTI and Brent Crude

	WTI (US/bbl)		Brent (US/bbl)	
	March 31, 2018 Forecast	April 30, 2018 Forecast	March 31, 2018 Forecast	April 30, 2018 Forecast
2018	58.00	67.00	62.00	72.00
2019	65.00	65.00	67.00	68.00
2020	70.00	70.00	72.00	72.00

Sproule has adjusted our Brent and WTI 2018 forecasts this month to 72USD/bbl and 67USD/bbl respectively. Decreasing inventories, increasing summer demand and geopolitical uncertainty are aligning to sustain current prices for the remainder of 2018.

AECO to Henry Hub Differentials

	Henry Hub - AECO Differential (US/MMBtu)		AECO (CDN/MMBtu)	
	March 31, 2018 Forecast	April 30, 2018 Forecast	March 31, 2018 Forecast	April 30, 2018 Forecast
2018	1.30	1.50	2.15	1.90
2019	1.20	1.20	2.50	2.50
2020	1.10	1.10	3.12	3.12

At AECO, we are forecasting wider differentials than previously anticipated. Interruptible flow restrictions on the TCPL system this summer will result in sustained weak spot prices at AECO until the fall/winter withdrawal season.