November 2, 2026

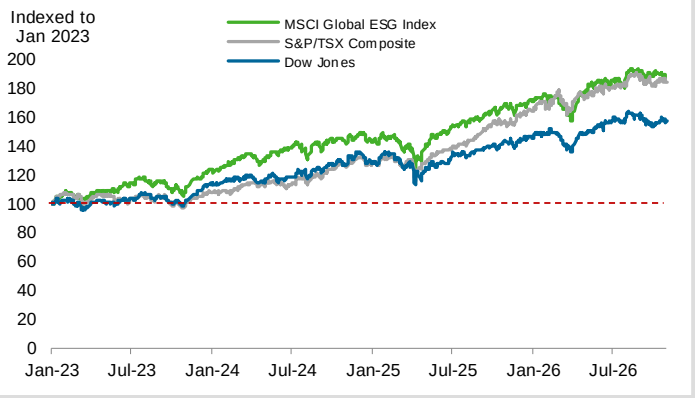
# ARC Energy Charts

**Visit www.arcenergyinstitute.com for more information on this publication and the Institute**

| Spot WTI Crude $US/B | Spot Henry Hub $US/ MMBtu | Spot AESO Electricity $C/MWh | EUA Emissions (ICE) EUR/Tonne | Bloomberg Commodity Index | Currency $US/$Cdn |
|---|---|---|---|---|---|
| **96.46 ↓** | **2.86 ↑** | **29.17 ↑** | **90.52 ↑** | **138.03 ↓** | **0.7149 ↑** |

## 1 Broad Equity Markets

Daily Index Values; January 2023 to Present

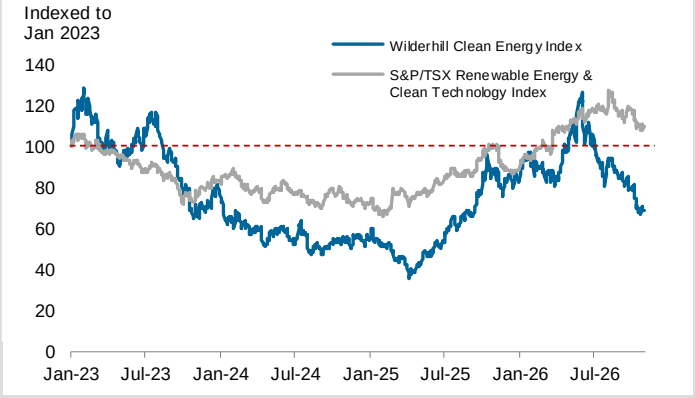



Broad market indices are one the many vital signs measuring the health of the economy. Energy demand is a function of economic health.

*Source: Bloomberg, ARC Financial Corp.*

## 2 Clean Energy Indices

Daily Index Values; January 2023 to Present

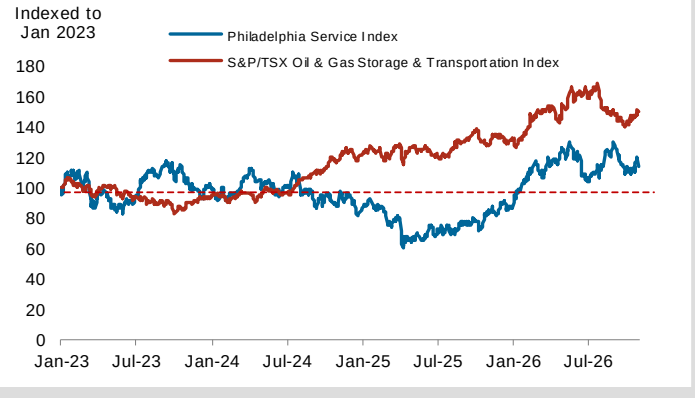



The performance of global and Canadian clean energy indices are compared against each other.

*Source: Bloomberg, ARC Financial Corp.*

## 3 Oil & Gas Service and Midstream Indices

Daily Index Values; January 2023 to Present

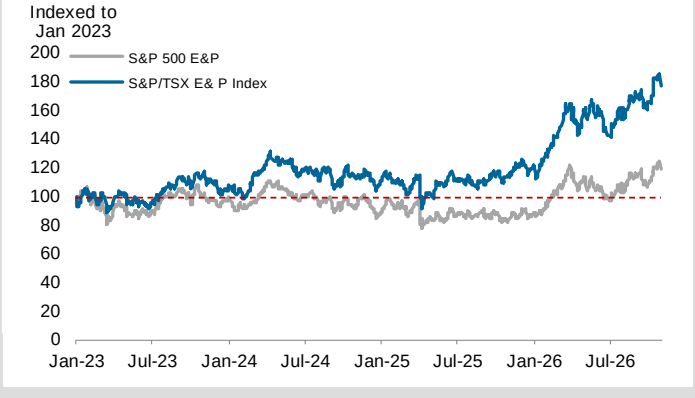



The performance of Canadian and US oilfield equities and Canadian midstream equities are compared against each other.

*Source: Bloomberg*

## 4 Oil and Gas E&P Indices

Daily Index Values; January 2023 to Present




The performance of Canadian and US oil & gas equities are compared against each other.

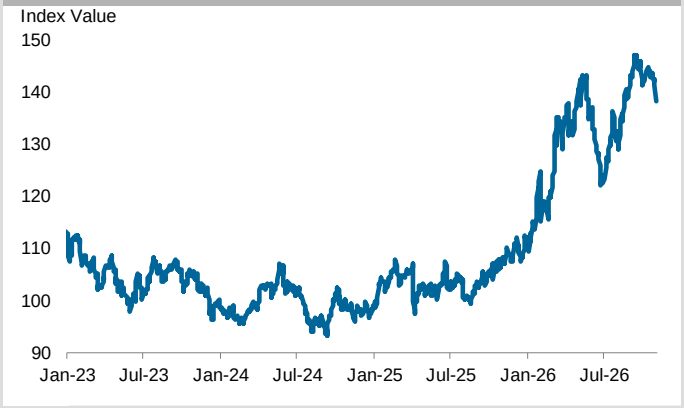
*Source: Bloomberg, ARC Financial Corp.*

Please see **Advisories and Disclaimers** at the end of the publication for important cautionary advisory and disclaimer language


© 2026 ARC Energy Research Institute. All Rights Reserved.

## 5 Bloomberg Commodity Index

Daily Index Values; January 2023 to Present

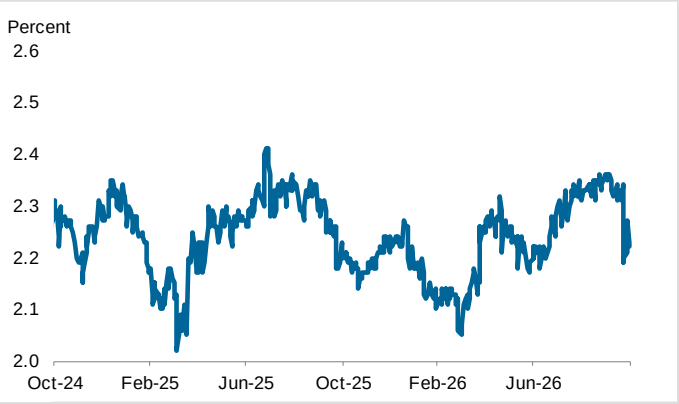



BCOM is a widely tracked benchmark for the commodities market. It is composed of 23 exchange-traded contracts on physical commodities.

*Source: Bloomberg*

## 6 5-Yr, 5-Yr Forward Inflation Expectation Rate

Daily; Rolling 24 Month History




This series is a measure of expected inflation (on average) over the five-year period that begins five years from today.

*Source: Federal Reserve Bank of St. Louis, (FRED) Economic Data*

## 7 CO2e Emissions: ICE EUA Futures Contract

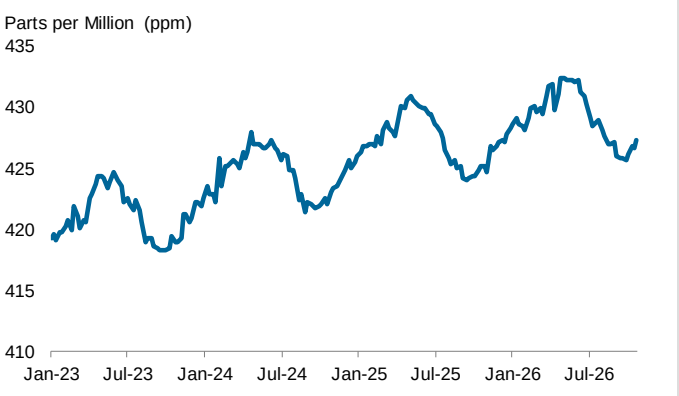
Daily; January 2023 to Present

EU Allowances (EUA) are carbon credits equivalent to one tonne of CO2 used in the European Union Emissions Trading Scheme (EU ETS).

*Source: Bloomberg*

## 8 Trends in Atmospheric CO2

Mauna Loa Weekly Average: January 2023 to Present

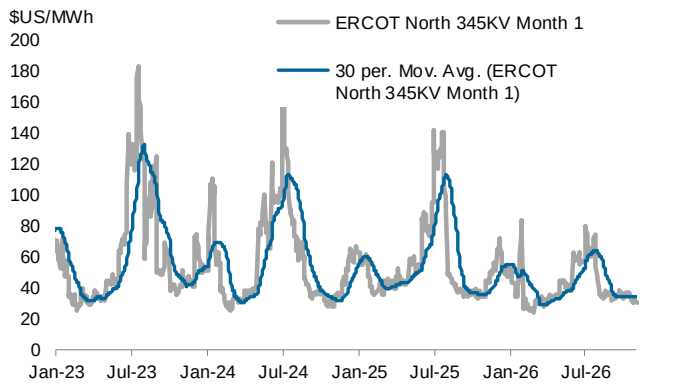



The carbon dioxide data on Mauna Loa constitutes the longest record of direct measurements of CO2 in the atmosphere.

*Source: NOAA*

## 9 Texas Electricity: ERCOT North Hub Price

Daily and 30-Day Average; January 2023 to Present

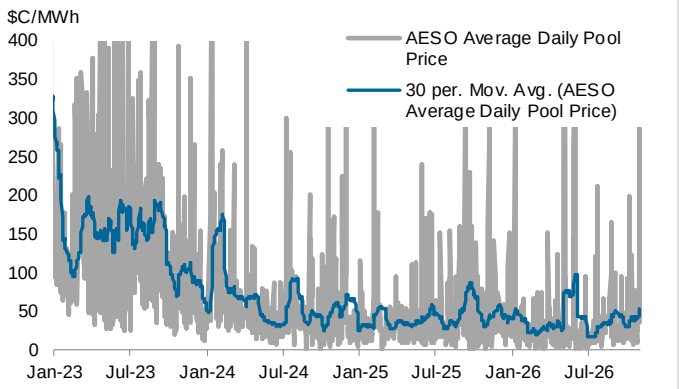



ERCOT is the grid operator for 90% of the electricity sold in Texas. The price shown is for the North Hub and is the wholesale price.

*Source: Bloomberg*

## 10 Alberta Electricity: AESO Average Pool Price

Daily and 30-Day Average; January 2023 to Present



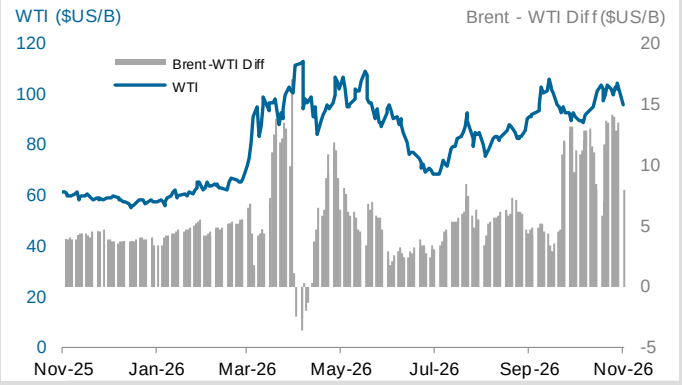

The Alberta Electric System Operator (AESO) manages and operates the provincial power grid.

*Source: Bloomberg*


© 2026 ARC Energy Research Institute. All Rights Reserved.

## 11 WTI Crude Oil Price and Differential to Brent

Near-Month WTI and Brent Differential; Rolling 12-Month History

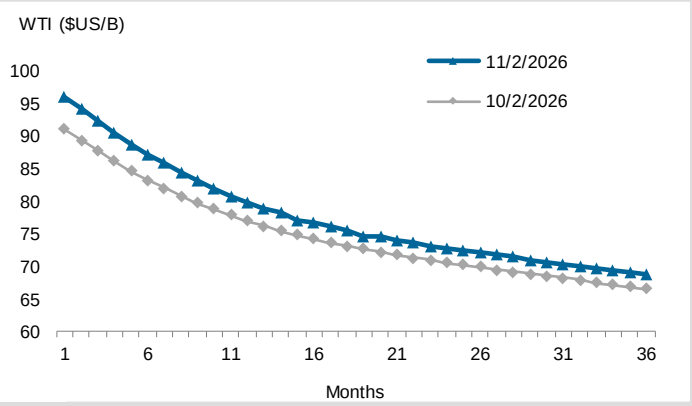



North American crude oil prices can sometimes disconnect from global prices depending on regional supply and demand dynamics.

*Source: Bloomberg*

## 12 US Crude Oil Futures

West Texas Intermediate (WTI), Next 36 Months

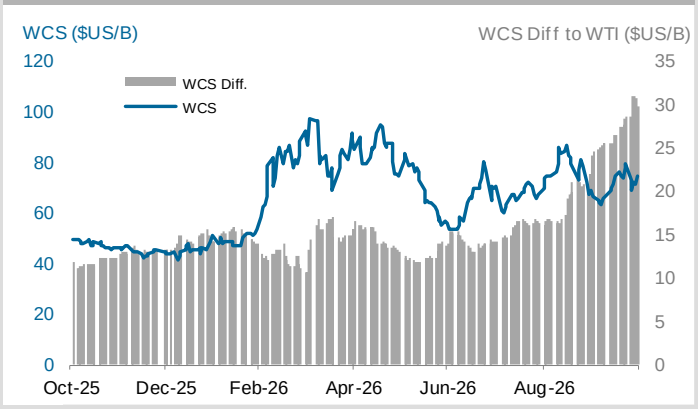



Forward prices for WTI are plotted for the next 36 contracts, and compared against the same contracts one month prior.

*Source: Bloomberg*

## 13 CDN Heavy Oil Price Differential to WTI

Western Canadian Select (WCS) Differential; Rolling 12-Month History

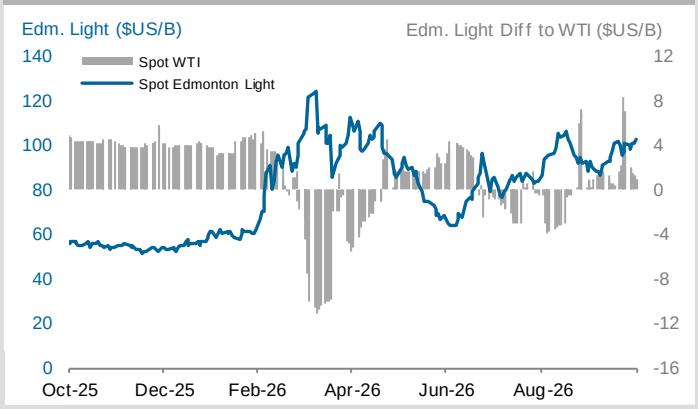



The differential should reflect quality differences and transportation costs. Greater discounts can result from infrastructure or refinery outages.

*Source: Bloomberg, FactSet*

## 14 CDN Light Crude Oil Price Differential to WTI

WTI and Edmonton Light differential; Rolling 12-Month History

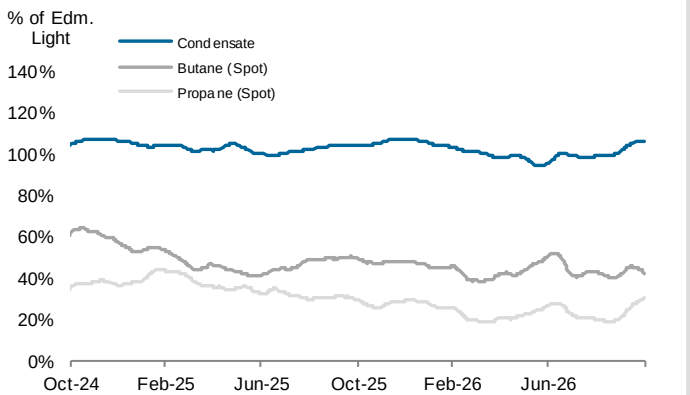



The differential should reflect the transportation cost from Alberta to Cushing. Greater discounts can result from infrastructure or refinery outages.

*Source: Bloomberg, FactSet*

## 15 Daily NGL Prices as a % of Edmonton Light

NGL Prices at Edmonton, AB, 10 Day Rolling Average Shown

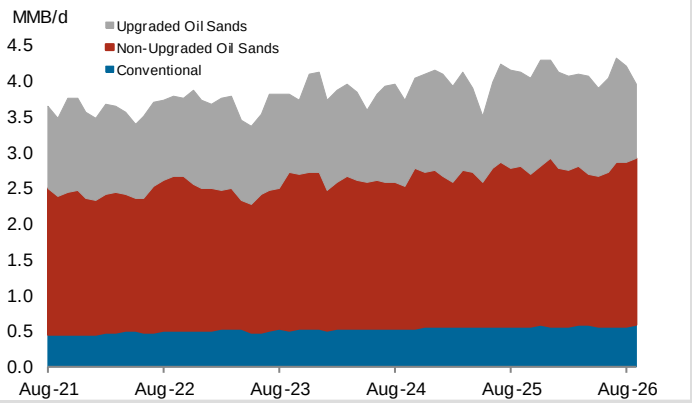



Natural gas liquids have become critical contributors to producer's cash flow. Prices are influenced by the price of oil as well as local supply and demand.

*Source: Bloomberg, ARC Financial Corp.*

## 16 Alberta Oil Production

Monthly; Conventional and Oil Sands

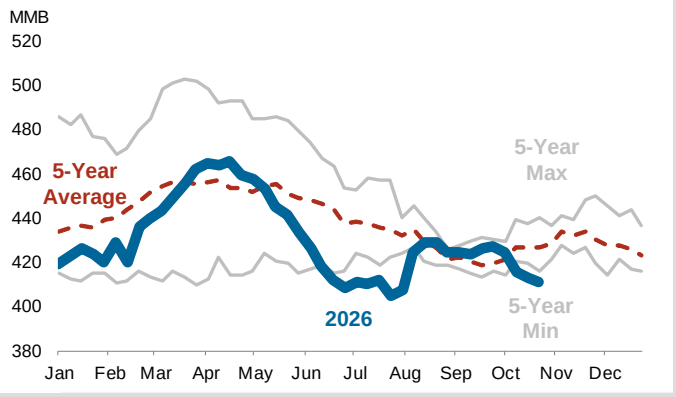



Most of Canada's oil production comes from Alberta; split between oil sands and conventional production.

*Source: Alberta Energy Regulator*


© 2026 ARC Energy Research Institute. All Rights Reserved.

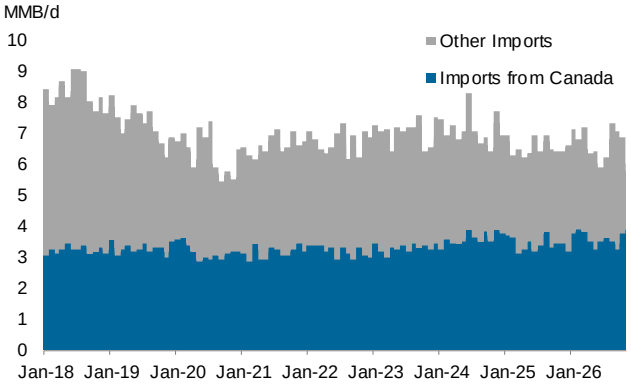
## 17 US Crude Oil Stocks
Historical Range and Current Year Levels




US crude oil stock levels can affect crude oil prices. Stock levels for the current year are represented by the blue line.

*Source: U.S. Energy Information Administration*

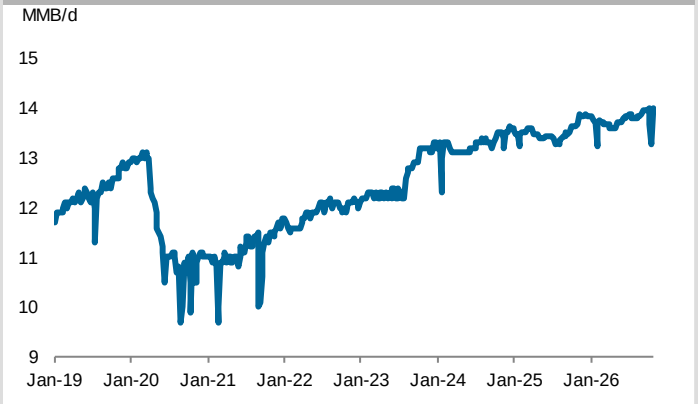
## 18 US Crude Oil Imports
Weekly Data; 2018 to Present




Crude oil imports from Canada are taking market share from overseas imports.

*Source: U.S. Energy Information Administration*

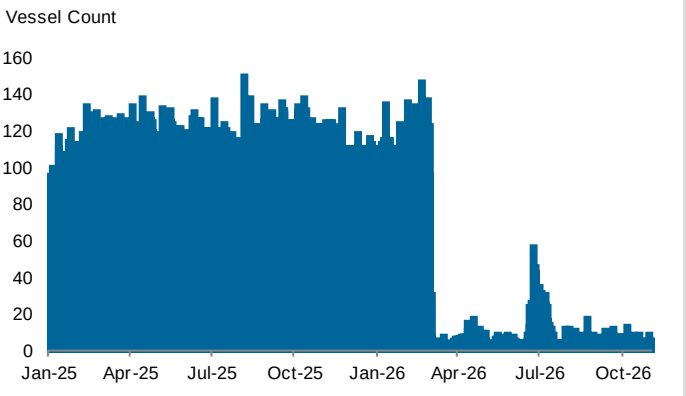
## 19 US Weekly Crude Oil Production
US Field Production of Crude Oil; 2019 to Present




Weekly production is modelled by the EIA. It is less accurate then monthly reported numbers, but is instructive of up to date changes.

*Source: U.S. Energy Information Administration*

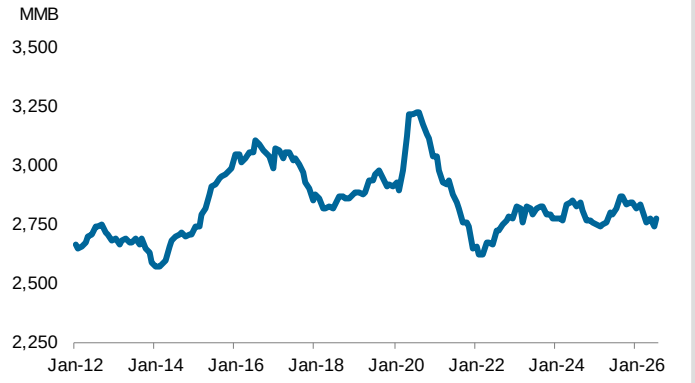
## 20 Strait of Hormuz Cargo Ship Crossings
Rolling 24-Hour Vessel Count; January 2025 to Present




Commercial cargo vessel transits through the Strait of Hormuz, a critical chokepoint for global oil flows.

*Source: Bloomberg*

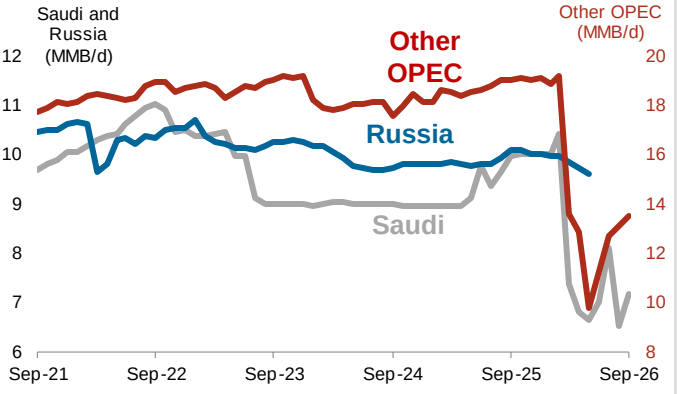
## 21 OECD Total Industry Oil Stocks
Monthly; 2012 to Present




OECD stock levels can affect crude oil prices.

*Source: International Energy Agency*

## 22 OPEC and Russian Oil Production
Monthly; Rolling 60-Month History



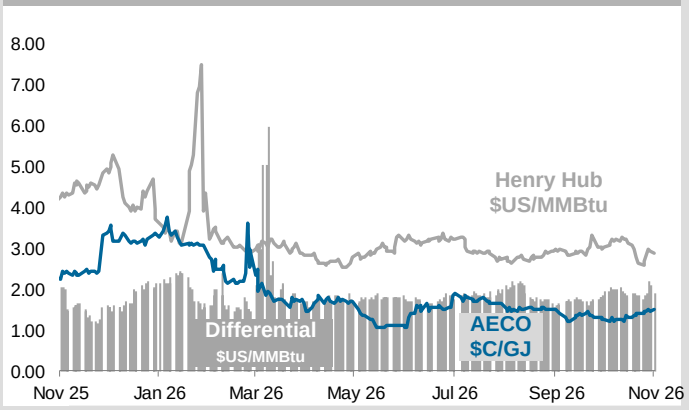

OPEC's production levels relative to its sustainable and spare capacity influences global crude prices. Note: scale has been expanded.

*Source: Bloomberg, OPEC, US Department of Energy*


© 2026 ARC Energy Research Institute. All Rights Reserved.

## 23 Near-Month North American Natural Gas Prices

Daily Prices; Rolling 12-Month History

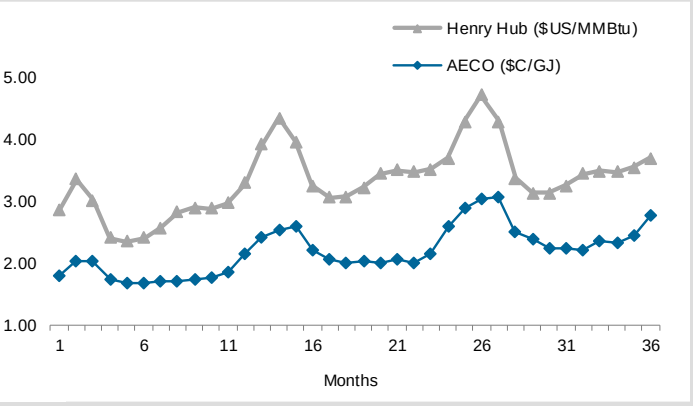



Near-month prices at AECO track Henry Hub prices, the exchange rate and the cost of transportation. Local factors can also affect price.

*Source: Bloomberg*

## 24 US and Canadian Natural Gas Futures

Nymex (Henry Hub) and AECO Next 36 Months

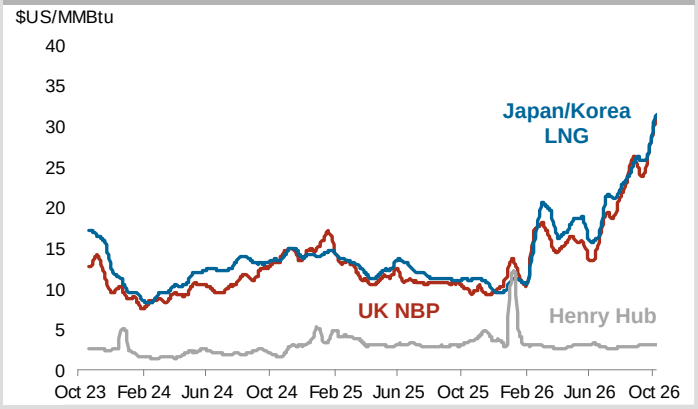



AECO futures trade at a differential to Henry Hub, reflecting transportation, egress and the Canadian dollar exchange rate.

*Source: Bloomberg*

## 25 Global Natural Gas Prices

Japan/Korea, UK NBP, Henry Hub; 10-Day Moving Average Price

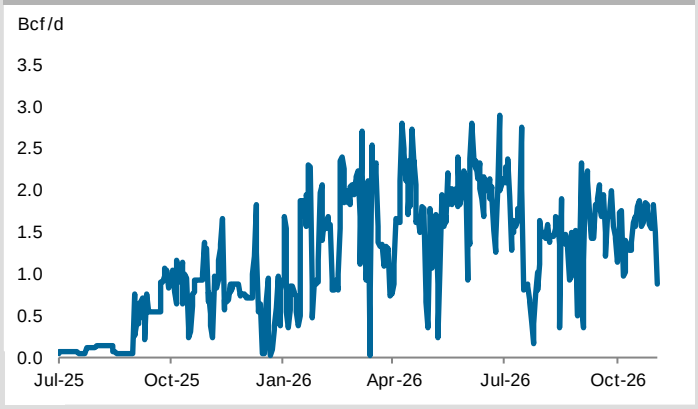



International natural gas prices strongly impact the economics of proposed LNG projects.

*Source: Bloomberg*

## 26 LNG Canada Implied Feedgas

Daily; July 2025 to Present

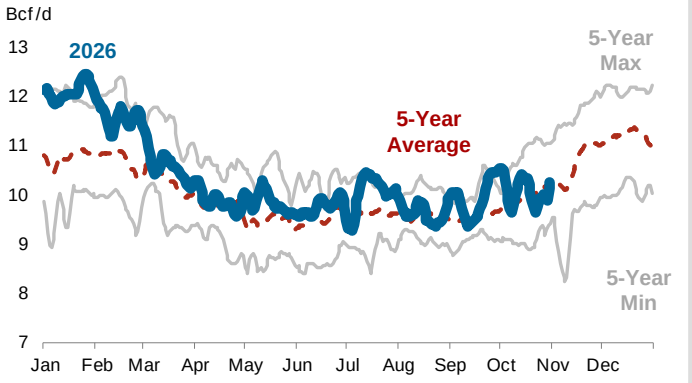



LNG Canada at Kitimat is the country's first large-scale LNG export facility. Implied feedgas represents gas flows to the LNG plant to be liquefied.

*Source: Bloomberg*

## 27 Pipeline Flows Out of Western Canada

Daily; Historical Tracks and Current Year Levels

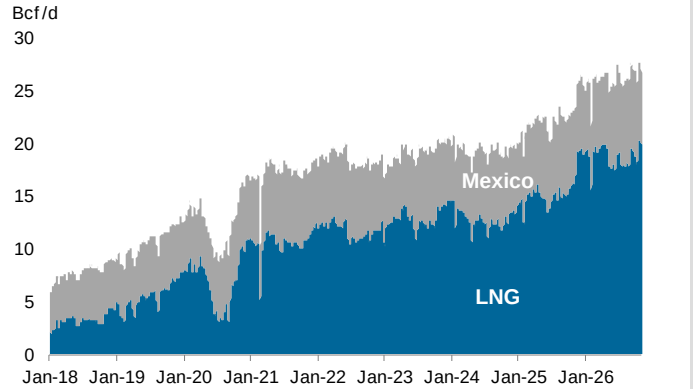



The ability of gas producers to move gas out of the WCSB to eastern markets and the US is a major factor in local natural gas prices.

*Source: Various Pipeline Companies*

## 28 US Natural Gas Exports – Excluding Canada

Daily; Jan 2018 to Present



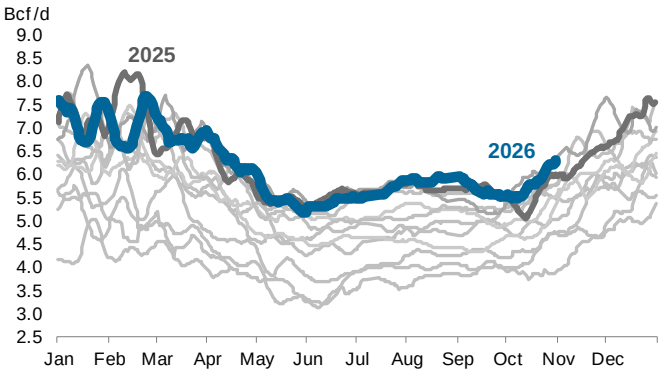

Between exports to Mexico and LNG shipments, the US is growing as a natural gas exporter. Robust US supply growth has driven this trend.

*Source: Bloomberg*


© 2026 ARC Energy Research Institute. All Rights Reserved.

## 29 Alberta Natural Gas Demand

TransCanada Intra-AB Deliveries; Current Year and Historical Tracks

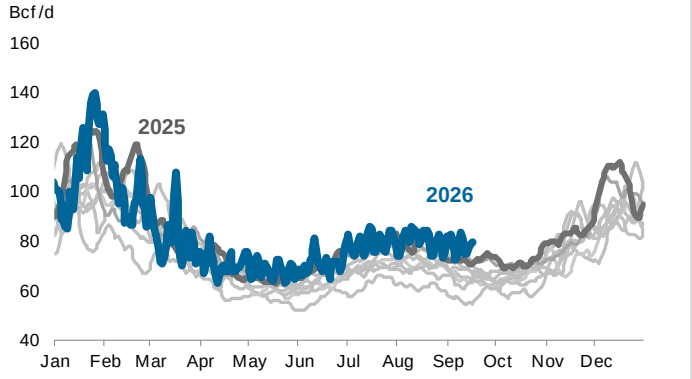



Alberta natural gas demand has grown steadily in recent years, largely driven by new oil sands demand and power generation projects.

*Source: TransCanada Pipelines*

## 30 US Domestic Natural Gas Demand

Daily; Historical Tracks and Current Year Levels

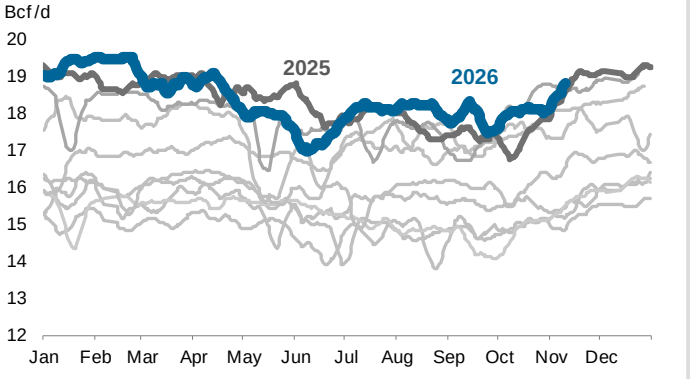



Domestic US demand fluctuates in the summer and during the winter as weather is an important driver of consumption.

*Source: Bloomberg*

## 31 Daily Western CDN Production

Estimated Using Major Pipeline Receipts

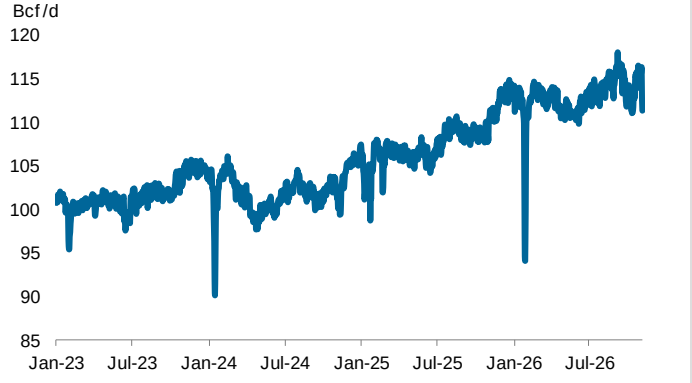



This includes receipts on the TCPL, Alliance, WestCoast and TransGas pipelines.

*Source: Various Pipeline Companies*

## 32 Total US Dry Natural Gas Production

Daily; Jan 2023 to Present

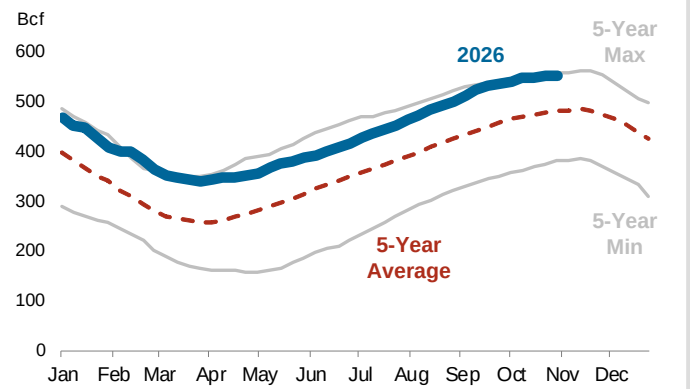



US production started ramping up in late 2007 and continues to grow year over year.

*Source: Bloomberg*

## 33 Western CDN Natural Gas Storage Levels

Weekly; Current Year and Historic Tracks

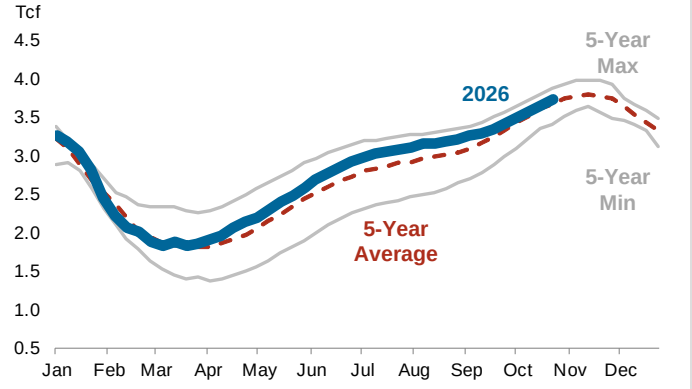



Canada's natural gas storage level provides a good metric if the country is well stocked. Abnormally high or low storage can affect the basis.

*Source: Bloomberg*

## 34 Total Working Natural Gas in US Storage

Historical Range and Current Year Levels



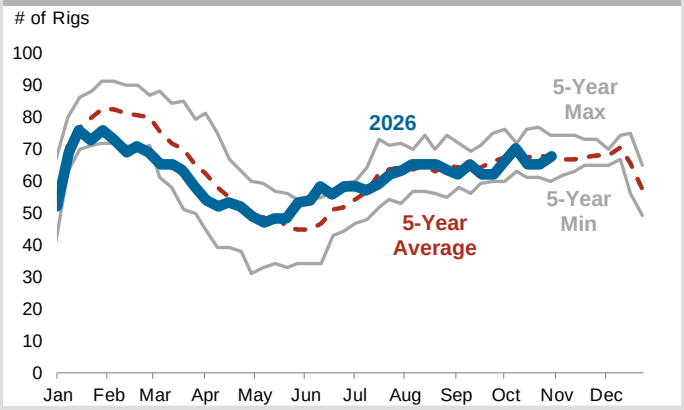

The EIA reports changes in US natural gas inventories held in underground storage facilities on a weekly basis.

*Source: U.S. Energy Information Administration*


© 2026 ARC Energy Research Institute. All Rights Reserved.

## 35 Canada: Weekly Gas Drilling Activity

Baker Hughes Drilling Rig Count; Current Year and Historical Range

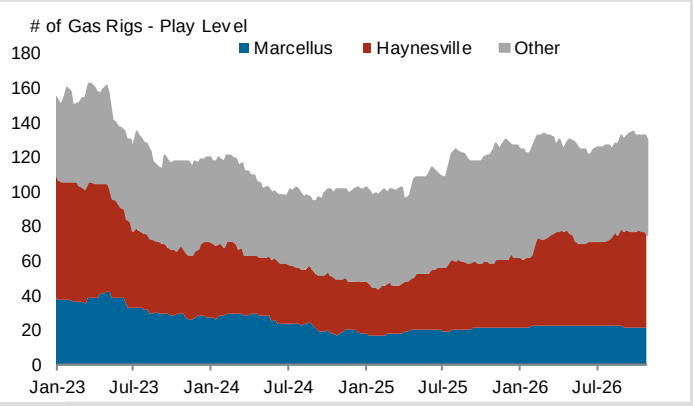



Unlike US drilling activity, Canadian rigs are dispatched seasonally. Capital allocation by operators is driven by views of future oil and gas prices.

*Source: Baker Hughes*

## 36 United States: Weekly Gas Drilling Activity

Baker Hughes Gas Rig Counts; 2023 to Present

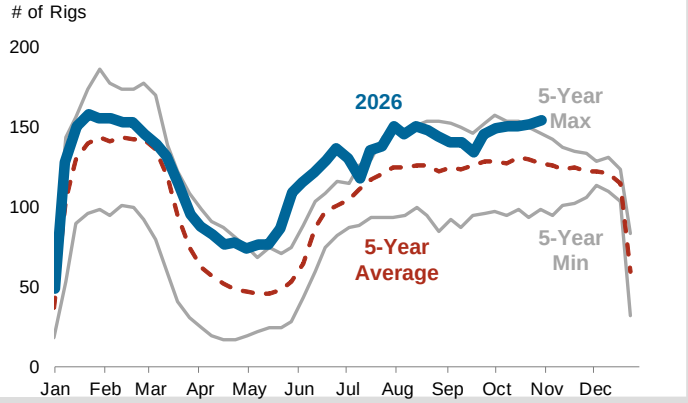



Tracking US gas drilling by major play provides insight into the composition of US gas supply and growth trends.

*Source: Baker Hughes*

## 37 Canada: Weekly Oil Drilling Activity

Baker Hughes Drilling Rig Count; Current Year and Historical Range

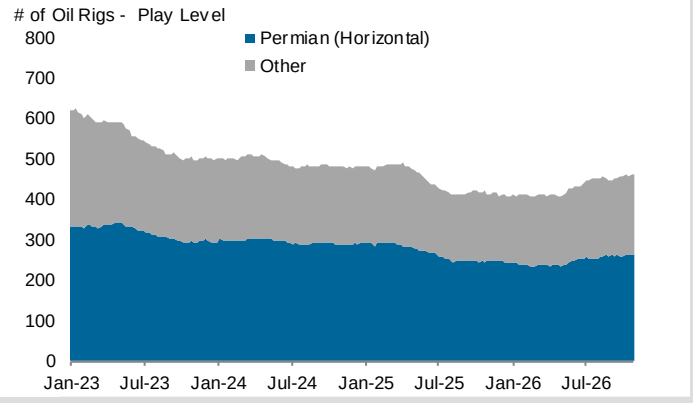



Unlike US drilling activity, Canadian rigs are dispatched seasonally. Capital allocation by operators is driven by views of future oil and gas prices.

*Source: Baker Hughes*

## 38 United States: Oil Drilling Activity

Baker Hughes Oil Rig Counts; 2023 to Present

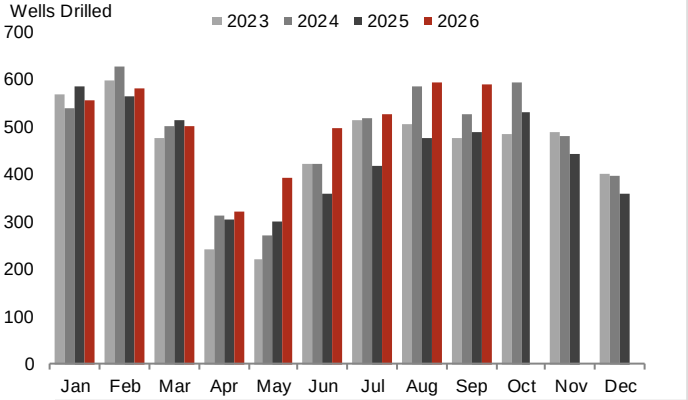



Tracking US oil drilling by major play provides insight into the composition of US oil supply and growth trends.

*Source: Baker Hughes*

## 39 Canada: Monthly Wells Drilled

Current Year *vs* Years Prior

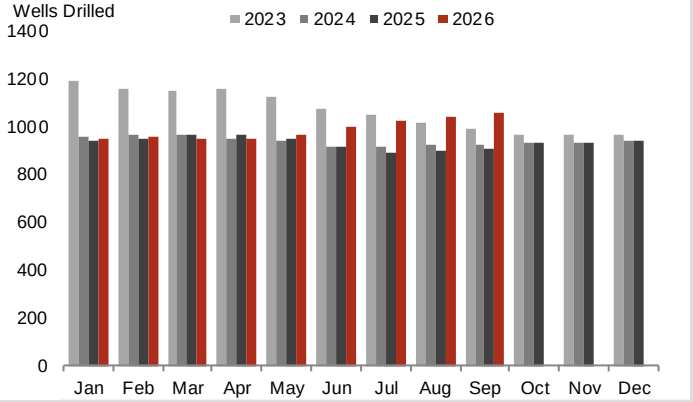



Total rig-releases for exploratory and development wells are highlighted in this chart. Rig releases for the current year are shown in red.

*Source: Daily Oil Bulletin/JWN*

## 40 United States: Monthly Wells Drilled

Current Year *vs* Years Prior



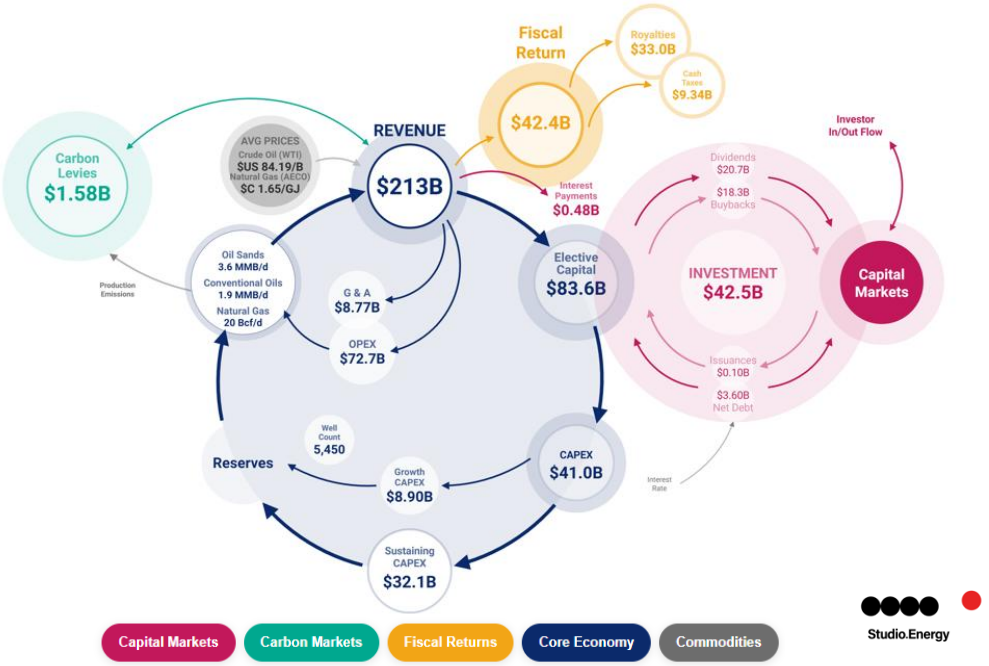

Total onshore wells drilled in the US

*Source: U.S. Energy Information Administration*


© 2026 ARC Energy Research Institute. All Rights Reserved.

## Estimated Capital Flow in the Canadian Oil and Gas Economy for 2026

Industry Revenue, Cash Flow, Reinvestment, Drilling Activity and Production




41

## Canadian Industry Statistics: Historical Data and Forecast

| | Price | | Production Volume | | | | Capital Inflow | | Reinvestment | | | Drilling |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WTI | AECO | Conv. Liquids | Bitumen + Synthetic | Natural Gas | Total Volume | Total Revenue | After-tax Cash Flow | Sustaining | Growth | Reinvest Ratio | Wells Drilled Rig-Release |
| | $US/B | $C/GJ | Average MMBOE/d | Average MMBOE/d | MMBOE/d (@ 6:1) | MMBOE/d (@ 6:1) | $C billions | $C billions | $C billions | $C billions | x:1 | # / Year |
| **2015** | 48.66 | 2.80 | 150 | 2.38 | 2.53 | 6.41 | 85.6 | 21.4 | 24.3 | 30.2 | 2.54 | 5,382 |
| **2016** | 43.29 | 2.10 | 147 | 2.41 | 2.55 | 6.43 | 79.9 | 22.7 | 24.6 | 13.8 | 1.69 | 4,060 |
| **2017** | 50.80 | 2.40 | 156 | 2.67 | 2.59 | 6.82 | 103.6 | 43.9 | 25.9 | 16.6 | 0.97 | 7,076 |
| **2018** | 65.23 | 1.55 | 170 | 2.91 | 2.69 | 7.30 | 116.9 | 52.0 | 27.7 | 11.4 | 0.75 | 6,927 |
| **2019** | 56.99 | 1.60 | 174 | 2.95 | 2.62 | 7.31 | 118.4 | 49.6 | 27.8 | 7.3 | 0.71 | 4,886 |
| **2020** | 39.16 | 2.25 | 163 | 2.83 | 2.57 | 7.03 | 83.4 | 33.0 | 21.4 | 0.0 | 0.65 | 2,970 |
| **2021** | 68.13 | 3.55 | 164 | 3.10 | 2.69 | 7.43 | 154.3 | 69.9 | 25.9 | 0.0 | 0.37 | 4,638 |
| **2022** | 94.90 | 5.55 | 170 | 3.16 | 2.88 | 7.74 | 231.3 | 108.7 | 29.4 | 8.0 | 0.34 | 5,723 |
| **2023** | 77.65 | 2.95 | 170 | 3.23 | 2.99 | 7.92 | 182.3 | 75.5 | 30.0 | 9.5 | 0.52 | 5,389 |
| **2024** | 76.55 | 1.45 | 177 | 3.36 | 3.06 | 8.19 | 185.3 | 69.6 | 31.4 | 9.1 | 0.58 | 5,758 |
| **2025f** | 64.82 | 1.95 | 185 | 3.49 | 3.19 | 8.53 | 167.5 | 60.1 | 31.8 | 8.0 | 0.66 | 5,500 |
| **2026f** | 84.19 | 1.65 | 192 | 2.58 | 3.34 | 7.84 | 213.0 | 83.6 | 32.1 | 8.9 | 0.49 | 5,450 |

**Advisories and Disclaimers:** This document is provided for informational purposes only and none of the information contained herein is intended to provide, nor should be construed as, investment, financial, legal or other advice and should not be relied upon as such. Certain of the information and data contained herein has been obtained or prepared from publicly available documents and other sources prepared by third parties, and ARC has relied upon such information and data. ARC does not audit or independently verify such information and data and ARC makes no representations or warranties as to the accuracy or completeness of such information and data nor the conclusions derived therefrom. This document has been published on the basis that ARC shall not be responsible for, and ARC hereby expressly disclaims any responsibility or liability for, any financial or other losses or damages of any nature whatsoever arising from or otherwise relating to any use of this document.

Certain information contained herein may constitute forward-looking information and forward-looking statements" (collectively, "forward-looking statements") under the meaning of applicable Canadian securities laws. Forward-looking statements include estimates, plans, expectations, intentions, opinions, forecasts, projections, guidance or other statements that are not statements of fact, including but not limited to global and industry economic conditions and policies, production, demand and commodity prices. Although ARC believes that the assumptions underlying and expectations reflected in such forward-looking statements are reasonable, it can give no (and does not give any) assurance that such assumptions and expectations will prove to have been correct. Such forward-looking statements involve known and unknown risks, uncertainties and other factors outside of ARC's control that may cause actual results to differ materially from those expressed herein. Neither ARC nor any of its affiliates undertakes any obligation to publicly revise such forward-looking statements to reflect subsequent events or circumstances, except as required by law.


© 2026 ARC Energy Research Institute. All Rights Reserved.