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Pacific Canbriam Energy Pioneers Emission-Reduction Efforts

B.C. natural gas with low-GHG intensity qualifies for new S&P Global Platts methane certificate

CALGARY, AB — Pacific Canbriam Energy Limited (“Pacific Canbriam”) is proud to be part of a first-of-its-kind deal that will generate Methane Performance Certificates (MPCs)—tradeable instruments that unlock the market value of reducing the environmental impact of gas production. MPCs allow a producer to sell instruments representing zero methane emission natural gas production.

As part of the inaugural launch, Macquarie Energy Canada, Ltd. a wholly owned subsidiary of Macquarie Group (“Macquarie”), arranged the first MPC trade between Pacific Canbriam and industrial gas customer Skeena Bioenergy Ltd, a manufacturer of wood pellets exported to the UK, EU, and Japan, displacing coal in electricity generation.

S&P Global Platts and Xpansiv, the global marketplace for ESG commodities, worked together to launch this innovative new way to measure and price methane performance in natural gas production. Pacific Canbriam and other natural gas providers who qualify will issue MPCs that register the carbon intensity of their natural gas, proving that fugitive methane emissions fall below strict, quantifiable thresholds.

The MPCs evidence the stringent environmental standards in B.C. and the low methane intensity of Pacific Canbriam’s natural gas. Only natural gas produced below a threshold of 0.1% methane emissions intensity (MEI) qualifies under the [S&P Global Platts protocol](#). This standard reflects the market value of low methane emissions in natural gas production.

Pacific Canbriam Energy is a world-leader in minimizing methane leaks and vents in its operations, and its natural gas involved in this transaction is well below the 0.1% Platts threshold; the number of MPCs are calculated relative to an average methane emissions rate for North America¹.

“With increasing focus on where energy comes from, Pacific Canbriam Energy is proud that the origin, energy content, and methane intensity of its natural gas has been externally verified as being responsibly sourced,” said Paul Myers, President of Pacific Canbriam Energy. “This is proof that our product is produced according to the highest standards of environmental and social responsibility. We’re excited and proud to supply MPCs to Skeena that demonstrate the exceptionally low methane intensity associated with the development of our natural gas.”

With global attention on climate change in the run-up to COP26, upstream energy carbon intensity is being closely watched and has prompted investors, consumers, and producers to seek new ways to reduce their carbon footprint. This has created an increased demand for low-carbon fuels.

“We chose to purchase Methane Performance Certificates from Pacific Canbriam Energy to voluntarily reduce the supply chain methane emissions intensity associated with our natural gas,” said Skeena President Roger Keery. “It’s an important step forward in lowering our overall GHG footprint.”

¹ Source: "Quantification Framework for Digital Natural Gas and Methane Performance Certificates: Benchmarking Methane Performance, v.1.0", Xpansiv, October 2021

MPCs are registered, issued, transacted, and retired in accordance with the [Xpansiv Digital Fuels Program](#) to eliminate double counting. Xpansiv's DF Registry maintains a complete record of the MPC and its associated environmental claims, ensuring data quality.

"MPCs allow the market to reward producers like Pacific Canbriam with low methane leakage, creating a clear market price related to fugitive methane emissions," said Andrew Pisano, Head of XRegistries at Xpansiv. "We're pleased to support natural gas market participants on their path to reach their ESG targets and climate commitments, and hope this incentivizes other producers to make similar measurable progress."

Last month, Pacific Canbriam announced it had become the second natural gas producer in Canada to achieve an EO100™ Standard Certification from Equitable Origin. Equitable Origin is a leading standards organization that certifies energy production based on third-party verification that evaluates energy producers that demonstrate their commitment to the highest ESG standards in their operations.

-30-

About Pacific Canbriam Energy Limited

Pacific Canbriam Energy Limited is a private exploration and production company with a focus on liquids-rich natural gas development. Its principal producing properties and acreage positions are in the Altares and Kobes Montney regions of northeast British Columbia. Pacific Canbriam is an industry leader in water management and recycling, and unique in the ownership of all infrastructure. The company was founded in 2007 and is headquartered in Calgary, Alberta with an office in Fort St. John, British Columbia.

About Xpansiv

Xpansiv is the global marketplace for ESG-inclusive commodities. These Intelligent Commodities bring transparency and liquidity to markets, empowering participants to value energy, carbon, and water to meet the challenges of an information-rich, resource-constrained world. The company's main business units include [XMarkets](#), the largest spot exchange for ESG commodities, including carbon, renewable energy certificates, water and Digital Natural Gas; [XSignals](#), which provides end-of-day and historical market data; and [XPortfolio](#), the leading multi-registry portfolio management system for all ESG-inclusive commodities. Xpansiv is the digital nexus where ESG and price signals merge. [Xpansiv.com](https://xpansiv.com)

About Skeena

Skeena Bioenergy is located in Terrace, British Columbia, Canada next to Skeena Sawmills, one of the largest Pacific Coast Hemlock sawmills in B.C. The plant produces 82,000 metric tonnes of wood pellets annually for international and domestic markets. The plant incorporates state-of-the-art equipment that maximizes the value of all the waste residuals from Skeena Sawmills. Skeena Bioenergy is both PEFC & SBP third-party certified. Global energy producers use Skeena's wood pellets to displace fossil fuels and dramatically reduce their greenhouse gas emissions.



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