



EQUITABLE
ORIGIN
CERTIFIED



PACIFIC
CANBRIAM ENERGY

Site Overview

Certificate Issuer:	Equitable Origin, Inc.
Certificate Number:	EO100-31082024-CAN
Operator:	Pacific Canbriam Energy
Certifiable Unit Name:	<i>Northeast British Columbia Montney Project</i>
Certification Standard:	EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Technical Supplement: Onshore Natural Gas and Light Oil Production (2022)
Location of Certified Unit:	Fort St. John, British Columbia, Canada
Area:	~225,000 net acres
Production Volume:	Approximately 340 MMscfe/d
Number of Employees:	68 Employees and 73 Consultants
Segments of Supply Chain Covered:	Natural Gas Production
Re-Certification Date:	31 August 2024
Re-Verification Date:	31 August 2025
Expiration Date:	30 August 2027
Assessment Period:	June 2024
Assessment Body:	Impact Resolutions Ltd.

ABOUT THIS REPORT

The purpose of this report is to publicly document the EO100™ Certification assessment conducted of Pacific Canbriam Energy (Pacific Canbriam) natural gas operations in Fort St. John, British Columbia, Canada. The assessment scope covered Pacific Canbriam's *Northeast British Columbia Montney Project*, detailed below, which were treated as one Certifiable Unit.

The EO100™ Standard for Responsible Energy Development is a set of rigorous performance standards for energy development projects. Developed through an extensive multi-year, and multi-stakeholder [engagement process](#), the EO100™ Standard is the product of extensive consultation with over 1,000 representatives from the energy industry, international NGOs, Indigenous Rightsholders, financial institutions, government officials, and communities affected by energy projects. The Standard establishes metrics and performance targets that aim to objectively and independently evaluate environmental, social and governance (ESG) impacts of energy development projects. The EO100™ Standard includes a Technical Supplement for Natural Gas and Light oil Production that was originally released in 2017 and updated in 2022.

In selecting the management obligations, metrics and performance targets to represent under these Principles, the EO100™ Standard synthesizes leading international and sectoral Environmental, Social and Governance Performance standards, initiatives and reporting frameworks, including: international human rights standards and conventions (Universal Declaration of Human Rights and the UN Guiding Principles on Business and Human Rights), IFC Performance Standards, Global Reporting Initiative, ISO 26000, AA1000 Assurance Standard, ISO 14001, ISO 45001, Oil and Gas Methane Partnership, the Task Force on Climate Related Financial Disclosure, and the Extractives Industries Transparency Initiative. These global and sectoral Good Practice benchmarks are selected and codified as specific and auditable indicators, with the guidance of a multi-stakeholder expert Advisory Committee. Standards are reviewed periodically to remain consistent with evolving guidelines, benchmarks and expectations.

A total of over 500 metrics are incorporated in the EO100™ Standard and associated project-related Supplement that are grouped under the following Principles:

1. Corporate Governance, Transparency & Ethics
2. Human Rights, Social Impact & Community Development
3. Indigenous People's Rights
4. Fair Labor & Working Conditions
5. Climate Change, Biodiversity & Environment

The EO100™ Standard allocates these 500 metrics across three successive levels of Performance Targets (PTs):

- PT1 targets “meet” global or sectoral “good practice” benchmarks;
- PT2 targets “exceed” or go beyond these benchmarks in terms of transparency, management or stringency; or operational performance;
- PT3 targets represent “leadership” and achievement of sector best practices in this area of management or operational performance.

Scoring of an Energy Development Project against the EO100™ Standard and relevant Supplements is undertaken annually by an expert Assessment Body based on representative sampling of a cross section of observation points following documented procedures and international assurance good practice, including periodic site visits and interviews. The Assessor is required to substantiate their recommended scoring based on evidence provided by the Operator, and on their observations gathered onsite, through interviews and document review. The Assessment Body’s findings are subject to expert peer review and periodic Witness Assessment by EO, to ensure consistency of interpretation across sites and assessors.

Participating Producers must at least partially meet all applicable ~270 PT1 targets to achieve certification under the Standard, score a minimum of 70% overall, and commit to fully meet all applicable PT1s by the end of the first 3-year certification cycle. Additional points are awarded for achieving PT2s and PT3s, which indicate that the producer has gone beyond industry good practice to demonstrate leadership and innovation.

Established in 2009, Equitable Origin is a non-profit 501(c)3 charity based in the US that partners with business, communities and government to incent and reward more transparent, equitable, and sustainable development of energy resources through standards and certification. Our mission is to protect people and the environment by ensuring that energy development is conducted under the highest social and environmental standards.

Read more about our Standards here:

<https://energystandards.org/responsible-energy-development/>

Site Profile

Royal Golden Eagle (RGE) manages a group of companies specializing in resource-based manufacturing. RGE's oil and gas business activities are organized and operated under Pacific Oil & Gas (PO&G), an independent energy resources development company focused on supplying the increasing energy requirements of growing Asian economies. It invests, develops, builds, owns, and operates projects throughout the energy supply chain. PO&G has an integrated natural gas export business in Canada through Pacific Canbriam Energy Limited (PCE) and Woodfibre LNG. PCE was founded in 2007 and is headquartered in Calgary, Alberta with a field operations office in Fort St. John, B.C.



PCE is a private exploration and production company focusing on liquids-rich natural gas development. The principal producing properties, Altares and Kobes, over more than 177,000 net acres located about 70 kilometers northwest of Fort St. John and are a part of the Montney region of northeast B.C.

PCE has implemented water management and recycling practices, where they own and operate all infrastructure. PCE employs pad-based horizontal drilling and hydraulic multi-stage fracturing to increase the productivity of wells while minimizing surface disturbances. The PCE development produces natural gas, condensate and natural gas liquids. PCE will supply the Woodfibre LNG project, located near Squamish, British Columbia, with natural gas.



Stakeholders

In the course of operating this Certified Unit, PCE engages with:

- Society
- Governments
- Employees
- Communities
- Business partners
- Supply and service providers
- Infrastructure customers

Indigenous Peoples and Rights Holders:

Equitable Origin-approved independent Assessors, Impact Resolutions Ltd., reports that PCE's lease areas primarily impact Crown lands of four Treaty 8 Signatory communities, including the Halfway River First Nation, Saulteau First Nation, Blueberry River First Nations, and West Moberly First Nation.

Assessment Activities

Pacific Canbriam engaged Equitable Origin-approved independent Assessors, Impact Resolutions Ltd., to conduct the recertification assessment of their operations in June 2024.

To assess conformance of the Certifiable Unit to the associated performance obligations, the assessment team conducted verification activities including a desktop review of policies, standards and procedures, internal interviews with employees, consultants and management, and external interviews detailed further below. Site investigations for workplace environment, health, safety and environmental observations took place as well. A two-day site visit occurred in June to confirm compliance to the EO100™ standard and verify improvements made on the 2024 Continuous Improvement Plan.

As part of this work, Impact Resolutions spent approximately two days performing desktop reviews, reviewed 283 documents, and (from 42 requests) conducted 39 interviews with external stakeholders. In addition, the Assessors reviewed applicable regulations and guidance documents from the British Columbia Energy Regulator (BCER), including relevant content related to the BCER Compliance & Enforcement and BCER Fugitive Emissions Management Guidelines. The Assessors also reviewed relevant content on the Government of British Columbia's website, related to information pertaining to spill changes made available by the BC Ministry of Environment and Climate Change's.

Assessors made seven interview requests via email and phone with Nation representatives of Indigenous communities directly impacted by PCE operating activities. All responded quickly to the request. In-depth interviews were conducted with the Halfway River First Nation, Saulteau First Nation, Blueberry River First Nations, West Moberly First Nation, who provided positive feedback overall and constructive suggestions for improvement in their relationship with PCE. Discussion topics focused on business practices, transparency, community benefits, cultural heritage, environmental performance and agreement progression.

The Assessors would have preferred to interview a cross-section of Nation representatives from the Halfway River First Nation, Saulteau First Nation, Blueberry River First Nations, West Moberly First Nation outside the Lands and Economic Development departments. This Assessment is limited by the number of Nation representative interviews conducted and representativeness within the Nation, and therefore only offers a snapshot into engagement activities. The Assessor generated engagement themes from a limited sample. Interview outcomes were followed up with relevant PCE representatives, providing some further evidence of the 'nature of the relationship'. All supporting assessment documents are confidential.

Certification Results

Based on the information obtained, Impact Resolutions finds that Pacific Canbriam has met the requirements for the continued certification of its *Northeast British Columbia Montney Project* in Fort St. John, British Columbia, Canada, to the EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Technical Supplement: Onshore Natural Gas and Light Oil Production (2022).

This recertification assessment concludes that Pacific Canbriam has succeeded in meeting or partially meeting all the applicable Level 1 Performance Targets (see Figure 1, below). It finds that Pacific Canbriam’s erosion and sediment control mechanisms are working, there are no uncontrolled releases of water occurring during peak runoff and mitigation measures for acid rock drainage are achieving desired outcomes.

During Site investigations, the Assessors noted specific examples of best and leading practices. Best and leading practices were found in the areas of drilling, completions, construction, operations, and abandonment and reclamation.

The Assessors recommend that PCE should focus on Principle 1 and Principle 5 to achieve further assessment milestones. The Assessors have noted that, in the future, PCE can achieve increased performance levels through continued improvement in developing its management systems and documentation. Upon further development of fit-for-purpose documents relative to their scope, risks and impacts, PCE certification scoring is likely to continue to further improve.

Pacific Canbriam has been provided with a list of the remaining gaps identified during this recertification for incorporation into the Continuous Improvement planning process initiated following the first year’s certification assessment. Additional and outstanding gaps found during this Assessment have been identified in an updated Continuous Improvement Plan for 2024/2025.

Table 1 shows the results summarized by Principle for each Performance Target level.

Table 1: Summary Results by Principle

B+
Letter Grade

Principle	2024 Re-Certification Assessment
1: Corporate Governance, Transparency & Ethics	91%
2: Human Rights, Social Impact & Community Development	97%
3: Indigenous Peoples' Rights	98%
4: Fair Labor & Working Conditions	95%
5: Climate Change, Biodiversity & Environment	92%

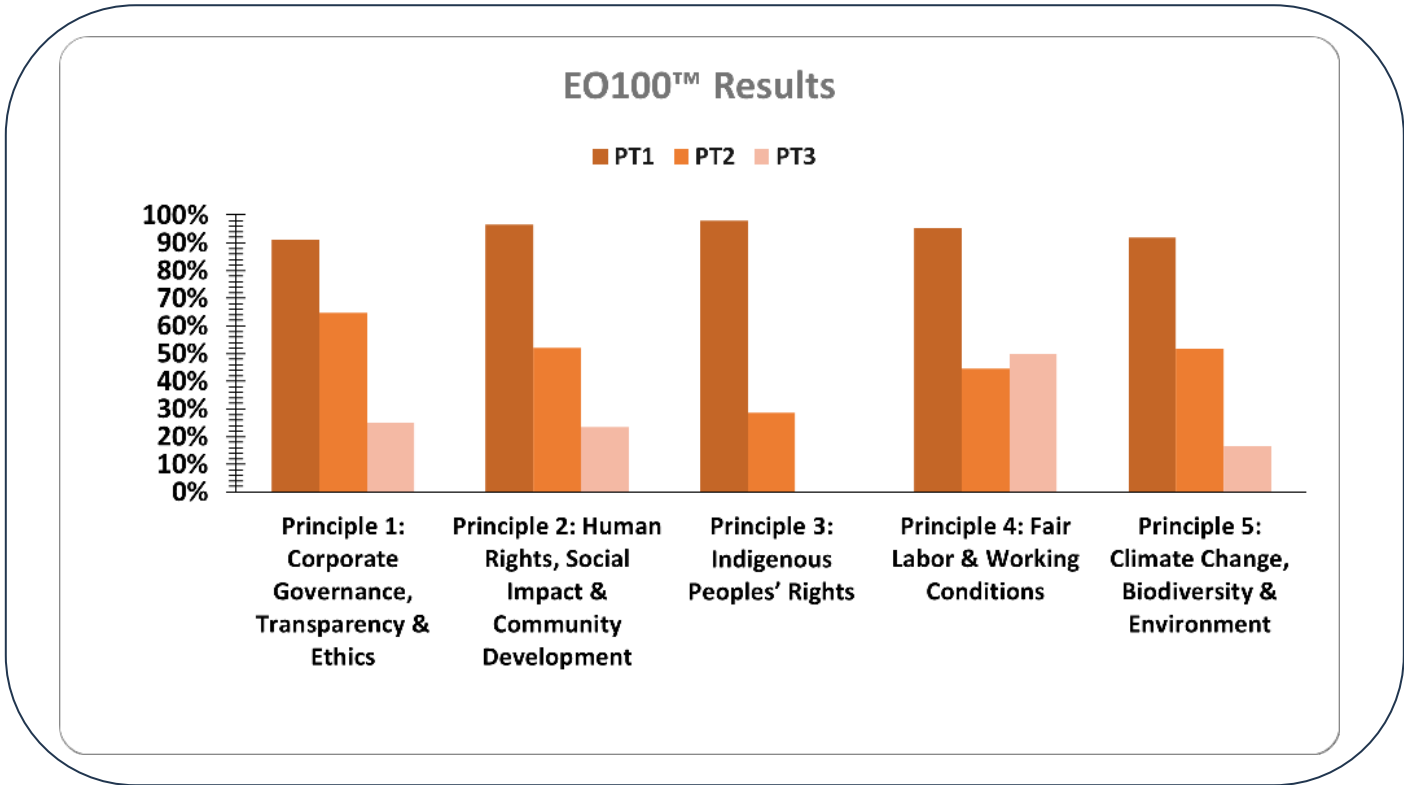


Figure 1: EO100™ Re-Certification Assessment Results

EO100™ Certificate



Certificate

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Assessment Dates: June 2024
Assessor: Impact Resolutions Ltd.

B+
Letter Grade



Jason Switzer
CEO, Equitable Origin

Contact Information:

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If organizations or individuals have concerns, complaints, or comments about the operator's EO100™ Certification, they should first contact the Certified Operator directly: whistleblower@rgei.com

Equitable Origin: contact@equitableorigin.org

For more information on Equitable Origin's Certification System Comments, Complaints and Appeals processes, please visit our website: www.energystandards.org