

This abstract will be presented during LNG2023 conference on 10-13 July in Vancouver, Canada among many other innovative projects, ideas and outlooks. LNG2023 will provide a unique platform for the global LNG industry and key stakeholders to discuss, debate, and showcase the latest industry developments and opportunities.



## LEAD AUTHOR

**Clint Strittmatter**  
Process Manager, Mcdermott

## CO-AUTHORS

Brett Wink  
Engineering Manager Woodfibre LNG

Homayoun Heidari  
Engineering Manager Mcdermott

Martin Mayer  
VP LNG Mcdermott

## WOODFIBRE LNG: E-DRIVE AND MODULAR EXECUTION APPROACH LEADS TO WORLD'S LOWEST EMISSION LNG FACILITY.

Woodfibre's LNG facility located near Squamish, British Columbia, Canada, sanctioned in 2022 will have the lowest Green House Gas emissions, CO<sub>2</sub>e/t LNG, of any LNG liquefaction facility currently in operation or under construction. This is achieved through the adoption of a low-emission philosophy. The facility will use hydroelectricity for the main liquefaction process, and includes state of the art technology that enables liquefaction machinery to restart without flaring. In addition, McDermott's NetZero Modular LNG strategy has been utilized during the development of this liquefaction facility.

This paper describes the engagement with the Skwxwú7mesh Úxwumixw (Squamish Nation) as Woodfibre LNG becomes the first industrial project in Canada to recognize an Indigenous people as a full project regulator (in the absence of a treaty) and the novel approach to challenging conventional benchmarks on emissions for LNG facilities as the world's energy market moves towards NetZero carbon emissions.

To view the full conference agenda, visit <https://www.lng2023.org/lng-programme-overview>