

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.



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THE FEATURES OF MID-SCALE PRODUCTIZED LIQUEFACTION UNITS THAT ADDRESSES THE IMMEDIATE DEMAND OF LNG INDUSTRY

The possibility of delivering pre-commissioned and productized LNG trains directly to an export terminal is now a reality, resulting from decade long advances in modularization technology for large capacity LNG trains both in offshore and onshore.

This state of art productization design can achieve an overall shorter project development timeline and higher certainty of cost, while also improving safety and reliability. The resulting train capacity falls in between 1.0 and 3.0 MTPA depending on specific requirements of the project.

While more mid-scale trains are required with respect to a large stick-built train, the productized design of the liquefaction section allows, for example, an earlier delivery of critical equipment resulting in shorter schedule. Fabrication in high productivity yards reduces cost and risk, particularly by reducing site manhours. In addition to gains in cost and schedule, this approach solves several LNG industry problems that in the past have resulted in massive cost overruns.

The authors will describe SnapLNG™, a solution developed by Technip Energies using the experience gained in delivering more than a million tons of modular LNG plant delivered in the last decade. GHG emissions are also eliminated through electrification and methane leakage monitoring.

The paper will also discuss the case studies taken from greenfield developments where SnapLNG™ has been selected and the lessons learnt during the product development cycle.

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