

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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## PREPARING SIMULTANEOUS OPERATIONS OF THE LNG LIQUEFACTION TERMINAL AND LNG-LPG-CONDENSATE HUB TERMINAL IN ARUN

Existing Arun LNG plant has six LNG Train, five LNG tanks, four LPG tanks, and four condensate tanks. Currently there was a gas discovery in deep-water Andaman II block, around 150 km from the Arun LNG plant. With a potential reserve up to 6 TCF, PT Perta Arun Gas is preparing to activate the liquefaction plant in the LNG Hub and Regasification Terminal.

Several technical concerns shall be considered in regards to Arun's operation philosophy to handle hub and liquefaction simultaneously. It consists of BOG management or re-liquefaction facility for Hub business, segregation or commingle LNG line, electricity source, etc. A comprehensive study will lead to a smooth transformation of Arun into a LNG hub as well as LNG liquefaction terminal.

LNG Hub business started while two LNG tanks are recommissioned and operate in 2019. The ongoing expansion is revitalizing the remaining LNG tank while another strategy is to construct at least three new tanks. One interesting business of Arun LNG Hub is reverse breakbulk operation.

For the LPG hub, two LPG tanks is used for domestic LPG Supplier Held Stock. Marketing discussions have already been held with several potential users who will use remaining two tanks as an international LPG hub.

Furthermore, three condensate tanks were prepared to be revitalized and will be used by one major condensate trader starting in 2024.

While all the program realized, PT Perta Arun Gas will be the world's first Liquefaction as well as LNG, LPG, and condensate hub complex.

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