

Global LNG Technology Insights and Evaluation – Small LNG Trains Regain Momentum

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Abstracts

Global LNG Technology Insights and Evaluation from LNGReports is a complete report on liquefaction technologies. The report provides all the technical and commercial aspects of developing a liquefaction terminal. Recent trends in liquefaction technology along with industry outlook are covered. Various technology providers available along with their technologies, operational and planned projects are provided. Further, all key components in development of liquefaction process are detailed. Leading constructor profiles are discussed in detail. Further, current status, feasibility and capital investment details are included for all planned LNG terminals. Latest technology trends and recent developments are also provided in the report.

Research Highlights

Global LNG Supply to increase at a compounded annual growth rate of 5.9% over the decade

LNG industry scope widening rapidly with 38 new liquefaction terminals scheduled for operation by 2020

Against the historic trend, demand for small sized trains will be constructed between 2015 and 2020

Over 68% of liquefaction terminals are developed through Air Products' technologies including SMR, C3MR, SplitMR and AP-X technologies

APCI-C3MR dominates the global liquefaction industry based on its proven

technology, high efficiency and simple process

New technologies including APCI DMR, Chart Energy & Chemicals Inc - IPSMR, LNG Limited - OSMR and Shell PMR continue to emerge to meet specific terminal requirements

An increasing number of constructors prefer ConocoPhillips Optimized cascade process

Global LNG capital investments to witness strong growth with Asia Pacific leading the way

Scope

Liquefaction technology trends and outlook to 2020

Evaluation of all available base load liquefaction technologies

Black & Veatch's PRICO, APCI (SMR, C3MR, SplitMR, Ap-X, DMR), ConocoPhillips Optimized Cascade Process, Linde MFC, LNG Limited- OSMR, Shell (C3MR, DMR, PMR) processes are evaluated

Dominant technologies by geography, train size, investment and period of construction

Basic understanding of Liquefaction Process- Overview, liquefaction cycles, components (heat exchangers, acid removal unit, dehydration, mercury removal, fractionation, storage tank)

Operational and Planned LNG projects- technology, train size, capacity and capex details

All available Small Scale LNG technology providers are compared

Business Profiles of Leading Constructors along with their projects and contacts are provided

Global LNG supply and demand forecast to 2020

LNG Capital investment forecasts by year and geography, type to 2015 are included

Reasons To Purchase

Gain understanding of the entire liquefaction terminal construction process

Evaluate all available technologies and providers through comparison of their processes, projects and costs

Design your preferred technology by comparing with other terminals in similar geographies, train sizes and macro environmental conditions

Identify potential opportunities of providing technology through information on planned terminals

Keep informed of upcoming liquefaction technologies that can impact the current business environment

Design your future strategies with LNG industry outlook, upcoming markets, capex and supply-demand forecasts

Keep updated with the latest trends and recent developments in liquefaction technologies

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COUNTRIES COVERED

Australia, Indonesia, Papua New Guinea, Russia, Iraq, Angola, Algeria, Nigeria, US, Canada, Venezuela

COMPANIES MENTIONED

Technip, Chiyoda Corp, Bechtel Corp, Air Products & Chemicals (APCI), ConocoPhillips, Linde AG, Black & Veatch, Shell, Linde AG, Chart Energy & Chemicals Inc, LNG Limited

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