

# 2nd International Oil and Gas Conference

December 3-5, 2018 Dubai, UAE

## Development of Badak LNG's Loading Facilities to Accommodate Small Scale LNG Demand in Indonesia

Ferri Yohannes  
PT Badak NGL, Indonesia

Badak LNG Plant, located in East Kalimantan – Indonesia, is the biggest LNG plant in Indonesia having a capability to produce up to 22.5 Million Tons Per Annum (MTPA) LNG and 1 MTPA Liquefied Petroleum Gas (LPG). It has been operated for more than 40 years in the most excellent practice. Badak LNG has already delivered more than 9200 LNG cargoes since 1977. As one of the biggest LNG plant, Badak LNG has three (3) loading dock facilities to supply LNG by using LNG vessel which is mostly delivered for export destination. Energy consumption in Indonesia is expected to increase because of population and economic growth. To maintain national energy sustainability, the government of Indonesia has aimed to reduce oil portion in energy consumption by promoting natural gas use in the context of diversification of energy sources. The government of Indonesia has targeted to encourage energy diversification by increasing utilization of natural gas at least 30% in 2025. In line with the government's program, Badak LNG has developed first LNG loading station in Indonesia to accommodate small scale LNG demand by land transportation. Starting 2015, LNG from Badak LNG has been distributed by using LNG trucking and delivered to several industries in Kalimantan such as mining, power plant, and commercial sector. LNG was considered as the best gas distribution method for Indonesia to encourage natural gas utilization for domestic industries. Moreover, the development of LNG loading station in Badak LNG has encouraged LNG demand from several domestic industries in Indonesia. This paper explains how Badak LNG develop and utilize LNG loading station facilities to accommodate small scale LNG business scheme in Indonesia. The development of LNG loading station in Badak LNG for small scale LNG distribution has been successfully performed.

**Keywords:** Badak LNG, LNG loading station, natural gas, small scale LNG.