



9th

IndoGAS 2019

International Indonesia Gas
Conference & Exhibition

WORKSHOP

Monday, 18 February 2019

08.30 - 16.00

Kakatua Room, Jakarta Convention Center

SESSION 1 : LNG TO POWER IN JAWA SATU PROJECT

Workshop Outline

Abstract

LNG to Power concept have been introduced as a new trend in the energy industry for the past few years, recently being implemented in Indonesia. This concept combines two different businesses into one integrated project, consists of gas or LNG business and power business, which each has its unique character technically and commercially. The integrated LNG to Power project would address the needs of power in an area with high electricity demand but limited energy source. In Indonesia, the first implemented LNG to Power project named Jawa-1 Project is currently being developed and just achieved financial close in December 2018. The Jawa-1 Project will be located in West Java, as a high-populated area and an industry-focused zone which drives a high power demand. The Project would comprise a new-build 170,000 m³ FSRU (floating storage and regasification unit), a two-unit 1,760 MW combined cycle gas turbine power plant.

The LNG will be delivered to the FSRU and re-gasified so the gas can be sent to the power plant to generate electricity that will be distributed through substation and transmission line. FSRU has been commonly chosen as a solution for the LNG terminal due to its speed of delivery, despite its own challenges due to local regulation about marine industry that characterizes FSRU operation as a shipping business. The challenges of this integrated LNG to Power project lie across the technical aspect which related to the compatibility on technical specification and schedule between LNG and IPP infrastructure, and also the commercial aspect in managing risks from two different nature of businesses.

The success of the LNG to Power Project would be dependent to the success of each part of the project with strong alignment of one to another, so the control to both LNG and Power aspect would be a key to align the interest. Despite its complexity, the LNG to Power solution has been considered throughout the world as the awareness of clean energy to reduce carbon emission has been growing.

Workshop Scopes

The workshop will deliver the insight on LNG to Power concept and focus on the challenges on integrated LNG to Power, specifically in Jawa-1 Project, Indonesia. The attendees will gain an understanding of the nature of each LNG or gas business and power business, and the complexity of integrating such two businesses into one project.

Workshop Objectives

- To have an overview and understanding of the unique nature of LNG and gas business vis-à-vis power business
- To gain an understanding on the opportunity and challenges for the development of LNG to Power Project
- To have an overview on the technology solution which integrates FSRU and IPP in the LNG to Power Project
- To have an overview on the commercial and risk associated with LNG to Power Project.

Target Audience

- Management
- Professional in gas and LNG business
- Professional in IPP business
- Technologist and engineers



Facilitator:

Indra Trigha

Director of Strategic Planning
Business Development
PT Pertamina Power Indonesia

Short Biography:

Indra Trigha has been serving as Director of Strategic Planning Business Development, PT Pertamina Power Indonesia since February 2018. He graduated from Electrical Engineering, University of Indonesia and earned his Master's Degree from Faculty of Industrial Engineering, University of Indonesia.

Prior to this current position, he served as IPP Business Manager, Gas Directorate PT Pertamina (Persero). He started his career Refinery Directorate with experience of more than 20 years in PT Pertamina (Persero). Having been allocated special assignment during his tenure in Refinery Directorate and Gas Directorate such as project leader of minor Turn around in Balongan Refinery 2012 and IPP Jawa-1 project winning team, it has developed his strong leadership in Managing the Strategic Planning & Business Development team under his current position.

Indra Trigha also currently hold a position of Operation Director PT Jawa Satu Power and President Director of PT Jawa Satu Regas - both are affiliates of PT Pertamina Power Indonesia, as special purpose companies formed to operate power plant and operate FSRU for Jawa-1 respectively.

SESSION 2 : LNG TO POWER SEMBERAH PROJECT

Facilitator:

Achmad Fauzi

VP Commercial LNG & CNG, Pertagas Niaga

Hosted by:

IGS
Indonesian Gas Society
Masyarakat Gas Indonesia



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REGISTRATION FORM WORKSHOP

PERSONAL DETAILS (Please fill out one form each applicant, even if registering as a group)

Prof. Dr./ Others: _____ / Mr. Ms.

Name: _____ Position: _____

Company: _____

Mailing Address: Home Office _____

Postcode: _____ Country: _____ Tel: _____

Fax: _____ E-mail: _____

Name as you want to appear on your name badge: _____

WORKSHOP FEE

IDR 4.500.000 / Person

Day / Date : Monday, 18 February 2019

Time : 08.30 - 16.00

Venue : Kakatua Room, Jakarta Convention Center

Authorized Signature & Co. Stamp :

Payable to:

PT Indomedia Gemilang Komunikasi

Bank Mandiri, Branch Jakarta Lapangan Ros

Jl. KH. Abdullah Saefi No. 14 Jakarta 12840

Account No. **124-0001102731**

Date : _____ / _____ / _____ (d/m/y)

For Secretariat Use : _____ Receipt date: _____ Reg. No.: _____

IndoGAS 2019 Secretariat
Tel : (+62 21) 837 95203, 837 83757, Fax : (+62 21) 837 81126
E-mail : indogas.committee@i-ec.com

