The Institution of Engineers, Malaysia

ORGANISED BY:
OIL, GAS AND MINING TECHNICAL DIVISION

PRE-AGM WEBINAR TALK ON

PENINSULAR GAS UTILIZATION (PGU): MANAGING THE ARTERY OF ENERGY SUPPLY TO INDUSTRIAL DEVELOPMENT IN MALAYSIA

Date: 14 December 2024 (Saturday)
Time: 9.00 am - 11.00 am
Platform: ZOOM Webinar
BEM APPROVED CPD: 2
REF NO: IEM24/HQL/533/T (w)

SPEAKER:
Ir. M. Nasahie B. Akbar Ali

SYNOPSIS

The Peninsular Gas Utilization (PGU) pipeline network began operations in 1983 and has been transporting sales gas (methane) to shippers and customers across Peninsular Malaysia since then. It also receives imported LNG, stores it in LNG Regasification Terminals (RGT Sungai Udang and RGT Pengerang), and converts the LNG to sales gas. The pipeline network includes 2,633 km of pipelines, 2 LNG regasification terminals, 2 compressor stations, over 100 block valves, and metering stations, supported by 8 regional offices across the region.

The primary customers of the PGU network in Malaysia are industries, power stations, and urban areas across Peninsular Malaysia. This extensive network, developed by PETRONAS, transports processed natural gas from production hubs in Kerteh and Paka to major industrial zones, refineries, power plants, and exports to Singapore and the Pengerang Integrated Complex (PIC).

This presentation will provide a brief introduction to the PGU, its operational and maintenance challenges, and its role in transporting energy as the backbone of industrial development in Malaysia.

SPEAKER'S PROFILE

Ir. M. Nasahie B. Akbar Ali has held various managerial positions, including Head of Pipeline Design for Malaysia, Head of Pipeline Projects in Turkmenistan, Pipeline Project Advisor for Pacific Northwest LNG Canada, and Pipeline Director for Coastal Gas Link Canada. Currently, he is the Head of Gas Transmission and CEO of Regasification Terminal Sg Udang Sdn Bhd, where he also manages the operations of Regasification Terminal Pengerang.

He graduated with an Honours Bachelor's degree in Mechanical Engineering from the University of Manchester Institute of Science and Technology (UMIST). He has worked in various engineering and technical roles at PETRONAS, contributing to multiple pipeline projects, from conceptual design to detailed design, and has managed various construction and commissioning works. He has consistently been involved in numerous PETRONAS pipeline projects. Besides technical work, he has also contributed to commercial negotiations, Final Investment Decision preparations, strategic roles, project financing, business planning, and marketing.

He is also an adjunct lecturer in Project Management at Universiti Teknologi PETRONAS, Malaysia.

REGISTRATION FEE :

IEM STUDENT : FOC
IEM MEMBERS: RM15
NON IEM MEMBERS: RM70

myiem_official

www.myiem.org.my