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New Industrial Gas Terminal ready to fuel up production



Dr Grahaeme Henderson (R), BSP Managing Director with Hj Mohamad Hj Jaya (L), Hydrocarbon Processing Manager officiates the opening of the Industrial Gas Terminal at BLNG at a ceremony held yesterday. Picture: BT/Syed Rory Malai Hassan

Syed Rory Malai Hassan

BELAIT

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THE newly completed Industrial Gas Terminal (IGT) in Lumut is set to fuel up production for Brunei's new methanol plant.

Officially launched yesterday by the managing director of Brunei Shell Petroleum Company Sdn Bhd, Dr Grahaeme Henderson, the technologically advanced IGT facility was fully completed in December 2009 and gas has been delivered since the first week of January this year for Brunei Methanol Plant's pre-commissioning activities, according to BSP in a statement.

The IGT facility, located adjacent to Brunei LNG, primarily processes the natural gas from BSP's Champion or Ampa Offshore fields to which it is then delivered to Brunei Methanol Company (BMC) through a three-kilometre long and 16-inch pipeline via the gas metering station called Fiscal Metering Station (FMS), situated within the Sungai Liang Industrial Park (Spark) itself.

BSP also stated that the facility is utilising a new type of hydrate inhibitor, one of the latest technologies in the field, used in the gas conditioning called the "Low Dosage Hydrate Inhibitor" (LDHI).

Its main feature, added the statement is that it only requires a small dosage and does not require regeneration plant to process the natural gas.

Hydrate formation can cause blockages in the flow lines, valves and reduce line capacity. Removing these hydrates is time consuming and may result in plant shutdown. Natural Gas from BSP's fields flowing into the IGT undergoes blending and conditioning whereby any liquids are removed and carbon dioxide level monitored before it is sent to the methanol plant.

Although the facility was designed to be unmanned, a team of nine Bruneians have been stationed at the facility on a 24-hour rotation, seven days a week to ensure that the plant is operating smoothly.

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