

Where is FSRU moored in Hong Kong?

Located in the southwestern waters of Hong Kong, the terminal is the first of its kind in Hong Kong. The Bauhinia Spirit is the world's largest FSRU vessel with an LNG storage capacity of 263,000 cubic meters and is moored at the terminal to receive, store, and regasify LNG.

How much LNG can A FSRU store?

A typical FSRU facility with capacity of 170,000 m³ can store up to 77,000 tonnes of LNG. CLP has yet to determine the size and capacity of the FSRU vessel to be used for the Project and, as outlined previously, this will be based on the projected future Hong Kong gas demand for 2020 and onwards.

How is LNG re-gasified on a FSRU vessel?

On board the FSRU vessel, the LNG is re-gasified by a simple heat exchange process. Common types of vaporizers for an FSRU vessel include generic Intermediate Fluid Vaporizer (IFV) and Shell & Tube Vaporisers (STV) which are both compatible with wave motions experienced by the FSRU vessel.

How does the FSRU terminal work?

The terminal will operate 24 hours a day, all year round continuously. Operational processes include: High pressure natural gas sent out from the FSRU Vessel to CLP Power's Black Point Power Station and HK Electric's Lamma Power Station via the two subsea gas pipelines.

How does A FSRU LNG liquefaction plant work?

The LNGC receives its LNG cargo at an LNG liquefaction plant in an exporting country and then delivers this LNG to the importing country, and the LNG is unloaded at an offshore LNG receiving terminal, and a typical FSRU facility is illustrated in Figure 2.1. (1) Franklin et al., (2010).

Does hklng have a FSRU facility?

At the time of planning the earlier HKLNG Terminal, the EIA Report included an FSRU facility as one of the technology options for receiving imported LNG. However, the technology was considered nascent at that time.

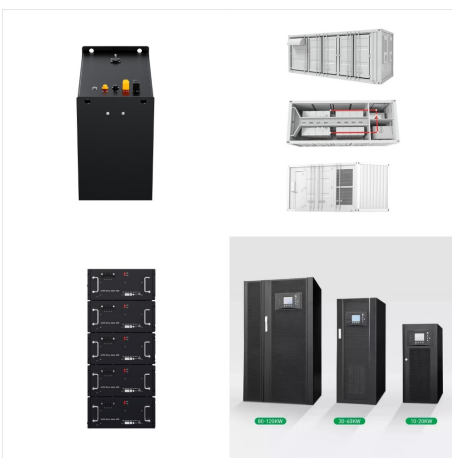
HONG KONG FLOATING STORAGE REGASIFICATION UNIT FSRU



Hence, a floating storage and regasification unit (FSRU) plant provides a solution to the aforementioned problems with the additional benefit of being more affordable, time-efficient, ???



BW Tatiana is the first-ever Floating Storage and Regasification Unit (FSRU) deployed in El Salvador, with a capacity of 280 MMSCFD and storage capacity of 137,000 m3. The vessel will be part of the Acajutla FSRU project which is built ???



To support the increased use of natural gas in Hong Kong, Castle Peak Power Company Limited (CAPCO) and The Hongkong Electric Company, Limited (HK Electric) have identified that the development of an offshore liquefied natural ???

HONG KONG FLOATING STORAGE REGASIFICATION UNIT FSRU



14th April 2023 ??? (Hong Kong) The world's largest floating storage and regasification unit (FSRU) has arrived in Hong Kong to serve the city's first liquefied natural gas (LNG) import terminal, ???



FSRU???????????????? CLP Power Hong Kong Limited (CLP Power)???The Hongkong Electric Company, Limited (HK Electric) ??????????Hong Kong LNG Terminal Limited? 1/4 ? 2? 1/4 ???,??(R)??? ???



The Hong Kong Offshore LNG Terminal receives cargos of LNG for processing into fuel. The Floating Storage and Regasification Unit (FSRU) is where the LNG cargo is unloaded, stored and regasified for transport to CLP Power's Black ???