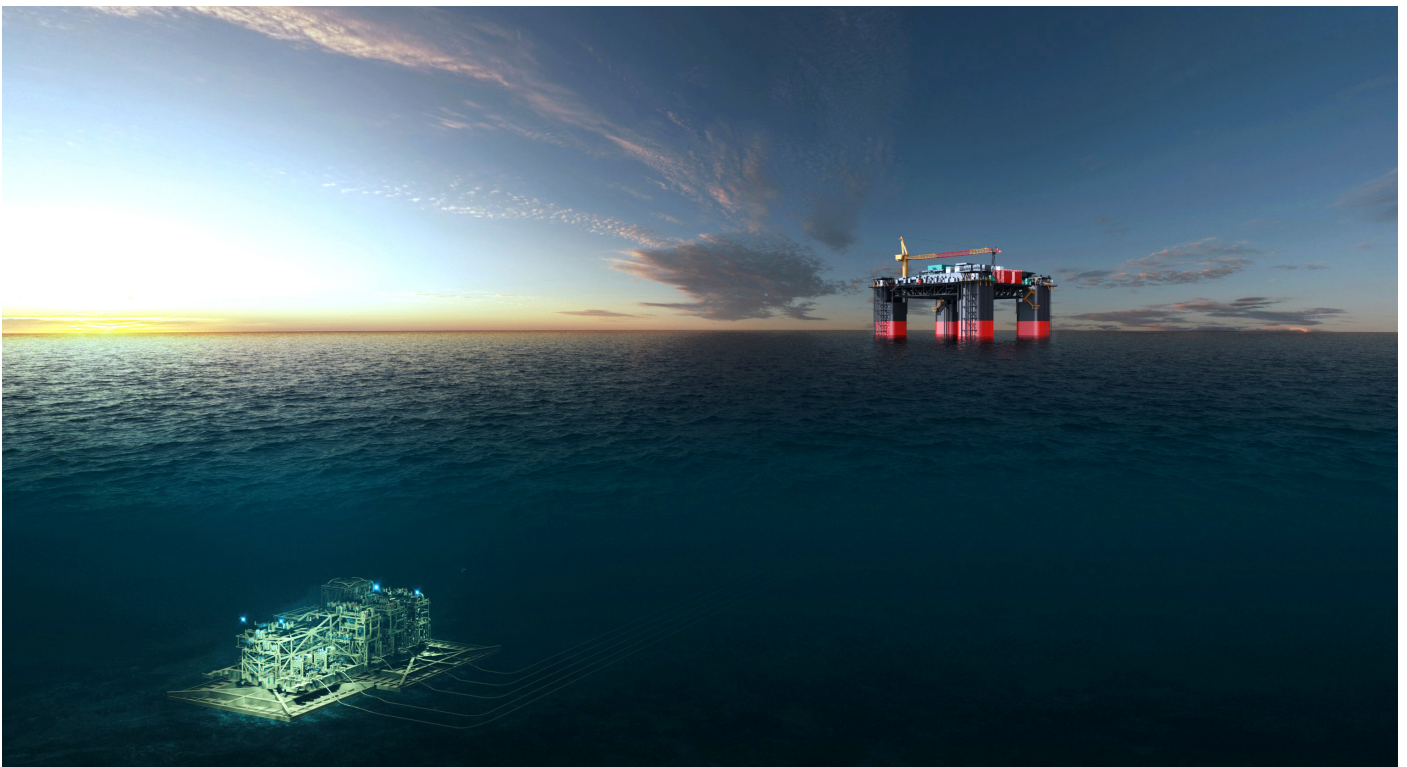


fact sheet

jansz-io compression

maintaining long-term natural gas supply to gorgon



The Jansz-Io field has been supplying gas to the Gorgon gas processing facilities on Barrow Island since 2015. After approximately 10 years of production, the reservoir pressure at Jansz-Io will decline, requiring modification of the existing subsea gas gathering network to maintain long-term natural gas supply.

project overview

The Jansz-Io Compression (J-IC) project will use proven subsea compression technology to enhance the recoverability of the Jansz-Io field and maintain the supply of natural gas to the LNG and domestic gas plants on Barrow Island. The installation of compression and supporting infrastructure will also enable the future tie-in of other fields within the Greater Gorgon Area.

J-IC is part of the original development plan for Gorgon and will support the delivery of energy to customers in Western Australia and Asia for decades to come.


facilities

Approximately 6,500 tonnes of subsea structures, including the subsea compression station responsible for compressing the field gas, will be installed on the sea floor.

The power and control requirements for the subsea infrastructure will be provided by a 27,000 tonne floating field control station, a normally unattended facility that is tied to the seabed by 12 mooring lines.

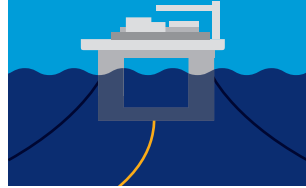
Power for the field control station is supplied from Barrow Island via a 14 kilometre land cable connected to a 135 kilometre submarine cable.

system overview



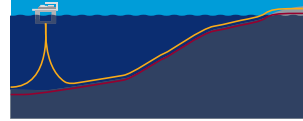
J-IC helps maintain the supply of natural gas to western australia and customers across asia

field control station provides power and control




subsea cable from barrow island powers the field control station


← 135km →



supply from the jansz-io field is maintained




gorgon gas plant



delivering the energy that improves lives and enables human progress


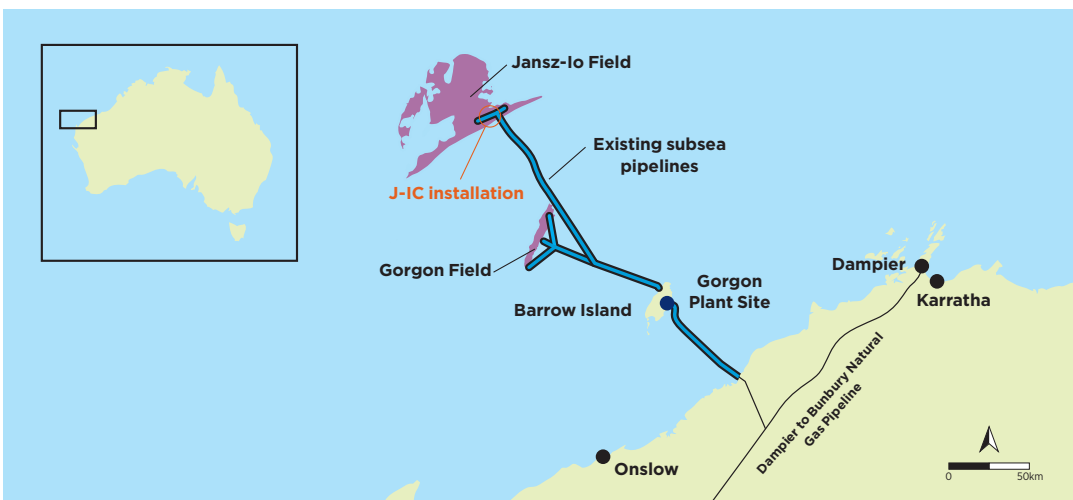
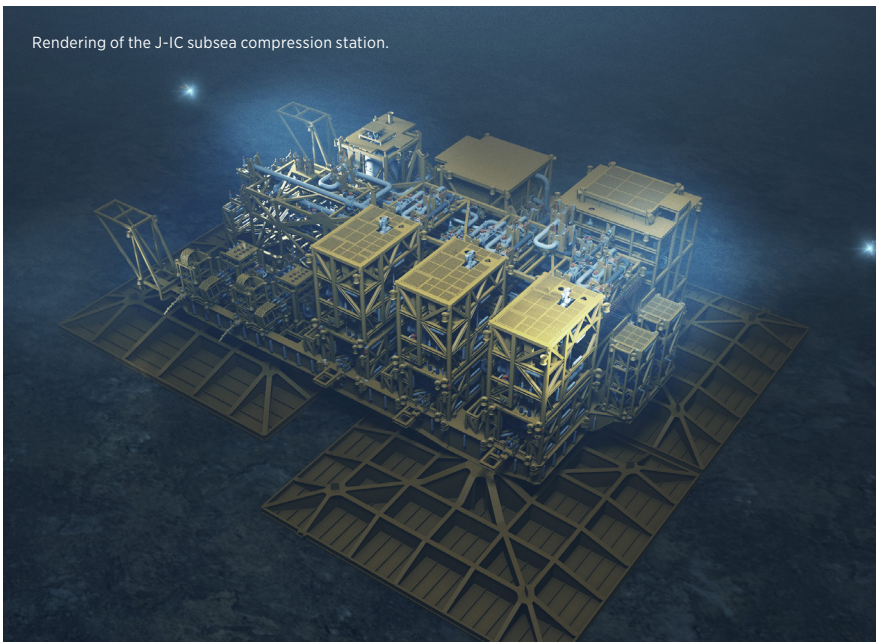
subsea compression station increases gas pressure

1360m below sea level



increased pressure pushes gas to gorgon gas plant

existing pipelines

The Chevron-operated Gorgon Project is a joint venture between the Australian subsidiaries of Chevron (47.3 percent), ExxonMobil (25 percent), Shell (25 percent), Osaka Gas (1.25 percent), Tokyo Gas (1 percent) and JERA (0.417 percent).

Gorgon Project

Operated by Chevron Australia in joint venture with



Osaka Gas | Tokyo Gas | JERA