

Supporting Innovative Floating LNG Facility

Flowserve valves to help reduce emissions, increase efficiency

Liquefied natural gas (LNG) will play a pivotal role as the energy industry transitions from coal and oil to cleaner energy sources during renewed efforts to significantly reduce greenhouse gases that contribute to climatic change.

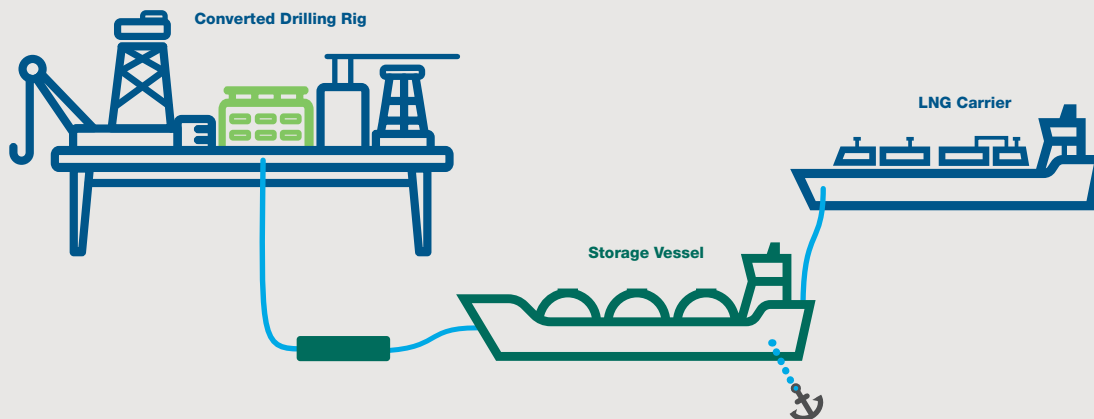
An innovative floating LNG facility in Australia will operate efficiently and precisely with control and on/off valves provided by Flowserve.

Participation in this offshore LNG project reflects our commitment to sustainable development. With end-to-end solutions that support energy transition initiatives, Flowserve helps protect the planet as we enable customers to increase operational efficiency, productivity and profitability.

Different by design

The Australian facility can be towed to offshore sources of natural gas and does not require subsea pipelines to transport the gas onshore. It will be able to store natural gas at sea using a floating storage unit (FSU) that is moored alongside the platform.

Unlike the traditional approach for floating liquefied natural gas (FLNG) construction, which generally uses a floating hull built from scratch, this advanced modular facility will convert a conventional drilling jackup rig into a mobile LNG liquefaction plant.



Flowserve was recently awarded contracts to provide for an advanced modular liquefaction facility to convert natural gas in offshore well fields into LNG for shipment.



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Reduced time, materials, emissions

The modular design offers a smaller environmental footprint compared to traditional FLNG facilities; in addition, the time and cost savings featured in this project's innovative method are significant. The design combines the latest liquefaction technologies and proven jackup rig systems to shorten lead times, use fewer materials, drive energy efficiency, and reduce carbon emissions.

Proven flow control expertise

Through projects like this, Flowserve demonstrates its leadership in critical energy transition initiatives. We leverage our 225 years of flow control experience and a comprehensive portfolio of product and service solutions so our customers can diversify their energy mix, decarbonize their operations, and digitize their plant processes. As a partner, Flowserve enables companies to enhance operational efficiency and supports their energy transition goals.



Read Flowserve's approach to [energy transition](#).

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