

Pumped with success

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Latest order for water injection pumps bolsters FPSO market for Sulzer

Guyana has some of the world's biggest offshore discoveries made in years, with 10 billion barrels of recoverable oil and gas starting to come online since 2019. These offshore reserves are being extracted using floating production, storage and offloading (FPSO) vessels, which are connected to well-heads on the seabed. Sulzer has already delivered 11 high pressure water injection pumps and the latest order for five more HPcp pumps will support the largest FPSO in the Stabroek block.

Sulzer's expert support for the FPSO arena is based on both innovative pump design and the flexibility to meet the customer's requirements. These are essential to cope with the often-extreme conditions of the oceans and the specifics of the operator's production methodology and philosophy. Water injection as a method of increased oil recovery (IOR) is well known and time-proven in the upstream Oil & Gas market. Typically, high-pressure pumps are used to inject treated seawater or produced water into the aquifer formation to stimulate and drive oil to the production riser.

In this project, the engineering, procurement and construction (EPC) company will also lease and operate the FPSO for two years. Consequently, the efficiency and reliability of the major pumping equipment are very important. Sulzer has a long-standing partnership with the EPC, which appreciates the high-quality products that have been delivered for similar projects.

Steve Jackson - Head of Global FPSO Market for Sulzer, comments: "Our expertise is widely recognized by this market where our pumps are renowned for delivering high-quality, robust products. The latest FPSO is designed to produce 250'000 barrels of oil per day, with an associated gas treatment capacity of 450 million cubic feet per day and a water injection capacity of 300'000 barrels per day. Operating in water around 1'800 meters deep, the new vessel will have a storage capacity of around 2 million barrels of crude oil."

Image captions:



Image 1: Sulzer's expert support for the FPSO arena is based on both innovative pump design and the flexibility to meet the customer's requirements.

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About Sulzer

Sulzer is a global leader in fluid engineering. We specialize in pumping, agitation, mixing, separation and purification technologies for fluids of all types. Our customers benefit from our commitment to innovation, performance and quality and from our responsive network of 180 world-class production facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2021, our 13'800 employees delivered revenues of CHF 3.2 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN).

For more information, visit www.sulzer.com

Press contact:**Sulzer Pumps****Troy Rodger, Sulzer Management Ltd**

Tel: n/a

Web: www.sulzer.com

Email: troy.rodger@sulzer.com

Address: Sulzer Management Ltd, Neuwiesenstrasse 15, 8401 Winterthur, Switzerland

PR agency:**DMA Europa Group****Brittany Kennan**

Tel: +44 (0) 1905 91747

Web: www.dmaeuropa.com

Email: brittany@dmaeuropa.com

Address: Progress House, Great Western Avenue Worcester, Worcestershire, WR5 1AQ, UK