
Qatar LNG power station generator

When will liquified natural gas (LNG) carriers get permanent magnet shaft generators?

ABB has won an order from Samsung Heavy Industries Co.,Ltd. (SHI) to equip 15 liquified natural gas (LNG) carriers with the permanent magnet shaft generator technology. The 174,000-cbm capacity ships are due delivery between mid-2026 and August 2028 to multiple leading owners serving the supply chain needs of charterer Qatar Energy.

Who is qatarenergy LNG?

QatarEnergy LNG is a unique global energy operator in terms of size, service and reliability. We operate 14 liquefied natural gas (LNG) trains with a total annual production capacity of 77 million tonnes. This makes QatarEnergy LNG the largest LNG producer in the world.

How many liquefied natural gas trains does qatarenergy operate?

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Established in 1984, QatarEnergy LNG develops and produces hydrocarbons from the world's largest non-associated natural gas field.

What products does qatarenergy LNG produce?

We also produce condensate feedstock for downstream industries as well as other associated products such as liquefied petroleum gas (LPG), ethane, sulphur and natural gas liquids (NGL). QatarEnergy LNG also manages and operates Ras Laffan Helium Plants 1 and 2, with a combined liquid helium production capacity of 2.1 bscf per year.

ABB has won an order from Samsung Heavy Industries Co., Ltd to equip 15 LNG carriers with the permanent magnet shaft generator technology which will serve the supply ...

ABB permanent magnet shaft generator technology enhances operational efficiency of vessels by utilizing the power from the shaft and main engine, resulting in better ...

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ABB permanent magnet shaft generator technology chosen for 15 liquified natural gas (LNG) carriers to be built by Samsung Heavy Industries Co., Ltd. Permanent magnet shaft ...

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However, achieving sustainability in LNG-based electricity generation remains a significant challenge. This study evaluates the sustainability of LNG-derived electricity in the ...

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