OFFSHORE MAGAZINE · LNG

Techouse wins HRSG contract for Golar's fourth FLNG

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Techouse has secured a contract to supply two heat recovery steam generator (HRSG) modules for Golar LNG's fourth floating liquefied natural gas vessel. Each module weighs 1,000 metric tonnes, and the system is designed to deliver 20–25% lower fuel consumption compared with conventional gas-turbine-only configurations.

Heat recovery steam generators capture exhaust heat from gas turbines and convert it into useful steam or power, reducing the volume of feed gas consumed in vessel operations. For an FLNG unit, where fuel efficiency directly affects the volume of gas available for liquefaction and export, the performance gain is commercially significant. The two-module configuration supplied by Techouse is intended to integrate with the vessel's power and processing systems to optimise overall energy yield.

Golar LNG is one of the most active developers of floating liquefaction infrastructure globally, and the addition of a fourth FLNG vessel signals continued expansion of the company's production capacity. FLNG technology allows gas resources to be monetised offshore without the need for onshore pipeline and liquefaction infrastructure, making it particularly relevant for stranded or remote gas fields.

The contract award to Techouse, a specialist in heat recovery and waste-heat utilisation equipment, reflects a broader industry trend toward improving the thermal efficiency of offshore gas processing assets. As operators face pressure to reduce both operating costs and emissions intensity, heat recovery systems have moved from optional upgrades to standard design considerations on new FLNG builds. The 20–

25% fuel-consumption reduction cited for this installation represents a meaningful improvement in the energy economics of the vessel.

No project location, delivery schedule, or contract value was disclosed in the available information. The vessel's deployment target and the specific gas fields it is intended to serve have not been confirmed at this stage.

Why this matters to partners and clients of Saga

This is a confirmed supplier contract for a specialised process module on a new FLNG vessel. Norwegian companies active in offshore process engineering, heat recovery systems, or FLNG module fabrication and integration should monitor Golar LNG's fourth vessel programme for further procurement packages as the build progresses. Direct outreach to Golar LNG's project and procurement teams is appropriate at this stage given the confirmed contract activity.

PARTNER ANGLES

- **LNG:** Norwegian FLNG process and systems integrators should track Golar's fourth vessel for auxiliary and utility package tenders as the build scope is defined.
- **Subsea/FPSO:** Fabricators with heavy-module handling and offshore installation experience may find relevance in future topsides or hull integration scopes on this vessel programme.
- **Service:** Specialist heat recovery and waste-heat utilisation firms should benchmark Techouse's scope and assess whether complementary equipment packages remain open for bid.
- **Drilling:** Limited direct relevance at this stage; monitor for field development announcements tied to the vessel's eventual deployment that may trigger upstream drilling programmes.

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