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‘To play a profitable role in the future, LNG will have to be clean’: G2 Net-Zero LNG

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[1] G2 Net-Zero LNG, formerly known as G2 LNG, is an energy products company based in Louisiana. In partnership with Siemens Energy, infrastructure developer 8 Rivers/NET Power and energy advisory firm EJM Associates, it plans to build the world's first net-zero LNG export and industrial gas production complex.

G2 Net-Zero LNG says the 13 mtpa plant, located on the Calcasieu Ship Channel, three miles north of the Gulf of Mexico, will be the first to deliver “a profitable portfolio of uniquely differentiated energy products,” while achieving net-zero greenhouse gas (GHG) emissions “from the producing reservoir through to the loading dock.” It aims to capture 85% of upstream and midstream emissions, with the remaining 15% offset using carbon credits.

Against the backdrop of decarbonisation, the development of G2 Net-Zero LNG's project is reflective of US LNG players seeking to draw attention to their emission reduction efforts. The offer of carbon-neutral LNG could potentially give producers a competitive edge, especially in jurisdictions where GHG emissions reduction is an important part of government policy.

In this interview, G2 Net-Zero LNG chairman Chas Roemer explains to LNG Business Review how, with buyers expected to increasingly scrutinise a supplier's emissions profile in coming years, technological innovation will set his company's carbon-neutral offering apart from its competitors.



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