

8 May 2025

ITM Power PLC

Selected by Uniper for 120MW green hydrogen project

ITM Power is pleased to announce that we have been selected by Uniper for their 120MW Humber H2ub® (Green) project. The project was recently shortlisted as part of the UK's Hydrogen Allocation Round 2 (HAR2).

ITM will deploy six 20MW POSEIDON core electrolysis process modules into the project. POSEIDON offers unmatched efficiency, rapid response times, and an optimised footprint for large-scale projects.

The Humber H2ub® (Green) project is a planned green hydrogen production facility at Uniper's Killingholme site. Its initial capacity will be 120MW, with the future potential expansion of a further 200MW+. In March 2024, Uniper and Phillips 66 Limited signed a collaboration agreement to work together towards supplying green hydrogen from the Humber H2ub® (Green) project to the Phillips 66 Limited Humber Refinery to replace some refinery fuel gas in industrial-scale fired heaters.

The project is subject to a Final Investment Decision (FID), which is expected in 2026 and targeted to be operational by 2029.

Dennis Schulz, CEO, said, "We are delighted that Uniper has selected us for their large-scale green hydrogen project in the UK, which will contribute to the decarbonisation of the Humber Refinery and create skilled job opportunities at Killingholme and the surrounding area."

Jan Taschenberger, Uniper COO New Green Power and Gas, said, "This is a key milestone for the project, and we are looking forward to working with ITM Power and further developing the engineering for the project built around the ITM Power 20MW POSEIDON modules."

For further information, please visit www.itm-power.com or contact:

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About ITM Power PLC:

ITM Power was founded in 2000 and ITM Power PLC was admitted to the AIM market of the London Stock Exchange in 2004. Headquartered in Sheffield, England, ITM Power designs and manufactures electrolyzers based on proton exchange membrane (PEM) technology to produce green hydrogen, the only net zero energy gas, using renewable electricity and water.

About Uniper:

Düsseldorf-based Uniper is a European energy company with global reach and activities in more than 40 countries. With around 7,500 employees, the company makes an important contribution to security of supply in Europe, particularly in its core markets of Germany, the UK, Sweden, and the Netherlands. Uniper's operations include power generation in Europe, global energy trading, and a broad gas portfolio. Uniper procures gas - including liquefied natural gas (LNG) - and other energy sources on global markets. The company owns and operates gas storage facilities with a total capacity of more than 7 billion cubic meters.

Uniper aims to be carbon-neutral by 2040. To achieve this, the company is transforming its power plants and facilities and investing in flexible, dispatchable power generation units. Uniper is one of Europe's largest operators of hydropower plants and is helping further expand solar and wind power, which are essential for a more sustainable and secure future. Uniper is gradually adding renewable and low-carbon gases such as biomethane to its gas portfolio and is developing a hydrogen portfolio with the aim of a long-term transition. The company plans to offset any remaining CO2 emissions by high-quality CO2-offsets.

Uniper is a reliable partner for communities, municipal utilities, and industrial enterprises for planning and implementing innovative, lower-carbon solutions on their decarbonization journey. Uniper is a hydrogen pioneer, is active worldwide along the entire hydrogen value chain, and is conducting projects to make hydrogen a mainstay of the energy supply.

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