

16 June 2025

Clean Power Hydrogen plc
("CPH2", the "Company" or the "Group")

Memorandum of Understanding signed between CPH2 and Constant Energy

Significant step forward in the commerciality phase of CPH2's MFE technology following successful site acceptance test

CPH2, the UK-based green hydrogen technology and manufacturing company that has developed the IP-protected Membrane-Free Electrolyser ("MFE"), is pleased to announce that it has entered into a non-binding memorandum of understanding ("MOU") with Constant Energy Ltd ("Constant Energy"), an Irish based energy developer.

Constant Energy was recently granted planning permission for the Killala Energy Hub, a proposed hydrogen and energy centre in County Mayo, Ireland. The proposed site will link wind and solar energy production in the vicinity to Constant Energy's site for the production of green hydrogen utilising CPH2's MFE technology. The produced hydrogen is intended to be utilised in a gas peaking plant, for export to the surrounding gas grid as well as for a hydrogen filling station servicing fuel cell electric vehicles.

Pursuant to the terms of the MOU, the parties will now proceed to negotiate the terms of a binding Sale and Purchase Agreement which it is intended will see Constant Energy purchase an initial five 1MW MFE220 units from CPH2, to be operational in 2027 to 2028, and will facilitate discussions to secure up to 200 MW of capacity at the County Mayo site over the next 10 years.

Further announcements will be issued in due course.

About Constant Energy

Constant Energy is a Limited Company based in Limerick, Ireland, focused on delivering green hydrogen projects in Ireland. It recently received planning permission for a hydrogen plant and energy centre in Killala, Ireland.

Jon Duffy, CEO of Clean Power Hydrogen commented:

"The signing of an MOU between CPH2 and Constant Energy is a significant step forward in the commerciality phase of our membrane free technology, following our successful site acceptance test and demonstration of our electrolyser functioning to a high level in a commercial setting.

"With confidence around both our technology and our ability to deliver operationally, this MOU provides an exciting opportunity for the Company as we look to significantly increase our order book and provide the solution for efficient green hydrogen production across industry. We look forward to working with Constant Energy to progress our relationship and ultimately provide them with our membrane free technology solution for the Killala Energy Hub Project."

Partick Hynes - Director, Constant Energy Limited, Ireland commented:

"We are delighted be working with CPH2. We have been watching their development and believe that their MFE technology is a game changer for the renewable industry here in Ireland as we look to capture curtailed renewable energy and offer grid balancing through the Killala Energy Hub."

ENDS

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Overview of CPH2

CPH2 is the holding company of Clean Power Hydrogen Group Limited which has almost a decade of dedicated research and product development experience. This experience has resulted in the creation of simple, safe and sustainable technology which is designed to deliver a modular solution to the hydrogen production market in a cost-effective, scalable, reliable and long-lasting manner. The Group's strategic objective is to deliver the lowest LCOH in the market in relation to the production of green hydrogen. CPH2 is listed on the AIM market and trades under the ticker LON:CPH2.

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