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28 June 2024

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

Level 1 of Factory Acceptance Test Completed

CPH2, the UK-based green hydrogen technology and manufacturing company that has developed the IP-protected Membrane-Free Electrolyser ("MFE"), is pleased to announce the successful completion of Level 1 of the Factory Acceptance Test ("FAT") for its MFE110 electrolyser. The completion of the MFE110 Level 1 FAT marks the first of three stages within the FAT which run sequentially, with completion of FAT marking the significant juncture of the MFE110 becoming a commercially accepted electrolyser.

The Level 1 FAT signifies a crucial part of the procedure verifying that mechanical and electrical components are checked for completion, confirms that all documentation is in order, and that the MFE's design and build is aligned to the documentation and compliant to relevant safety standards. The successful independent verification was undertaken by Lagan MEICA Limited, the Contractor to Northern Ireland Water.

The Company is now proceeding with Level 2 of the FAT protocol, which verifies a broad range of checks and calibrations for the MFE110. Once the functional checks of the MFE110 are completed, CPH2 will begin Level 3 FAT, the final testing procedure once the MFE110 electrolyser has been fully commissioned and is producing hydrogen and oxygen.

The completed FAT of the MFE110 will be the first customer acceptance and validation of CPH2's scaled electrolyser technology marking a significant milestone in the Company's route to market.

Jon Duffy, CEO commented:

"The completion of Level 1 FAT is an important milestone as we continue with the Factory Acceptance Testing of our market-leading technology. Level 1 signifies that we have completed the build of the MFE110 and all necessary checks are complete so we can continue our journey to commercialisation. We will now swiftly move to Level 2 where upon approval of the functional checks, we will commence our final stage, on-site testing of the MFE110."

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For more information, please contact:

Clean Power Hydrogen plc
Jon Duffy, Chief Executive Officer
James Hobson, Chief Financial Officer

via Camarco

Cavendish Capital Markets Limited - NOMAD & Broker

Neil McDonald +44 (0)131 220 9771
Peter Lynch +44 (0)131 220 9772
Adam Rae +44 (0)131 220 9778

Camarco PR

Billy Clegg
Owen Roberts
Lily Pettifar

+ 44(0) 20 3 757 4980

To find out more, please visit: <https://www.cph2.com>

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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