



Power to power: McPhy Energy sells its integrated solid hydrogen production-storage solution to the Australian firm Petawatt® Energy

Following the success of its major demonstration projects, this contract confirms the commercial relevance of McPhy's range of power to power solutions.

La Motte-Fanjas, October 6th, 2014 - McPhy Energy, specialized in hydrogen production and storage equipment for industry and energy markets, has just signed an agreement to sell an integrated production-storage solution to Petawatt® Energy - Electrygen Pty Ltd, an independent developer and operator of sun, water and wind hydrogen energy production sites.

Combining McPhy Energy's integrated solution with the fuel cell that it has developed will enable Petawatt® Energy to complete work to build its first sun, water and wind land-based hydrogen energy production system. This system is designed for both isolated and grid-connected sites across Australia and Oceania.

This first test system will be set up at Petawatt® Energy's client demonstration site in Queensland State, Australia. It will be fitted with a small-capacity (4 kg) solid hydrogen storage solution, making it possible to store 130 kW.

Colin Salmond, Petawatt® Energy's Director, has just signed a purchase agreement with a regional client for various services, including the production of electricity, hot water, hydrogen energy and renewable energy certificates for 15 sites in Queensland.

" Following the success achieved with our major demonstration projects, including the multi-energy fuelling station at Berlin-Schönefeld airport in Germany, this first agreement with Petawatt® Energy confirms the outstanding reputation and above all the commercial potential of our integrated solid-state hydrogen production and storage solution serving the global energy market ", concludes Pascal Mauberger, President and CEO of McPhy Energy.

About McPhy Energy

McPhy Energy, a leading developer of hydrogen-based solutions, was founded at La Motte Fanjas in France in 2008. The company draws on its exclusive technique for storing hydrogen in solid form and its years of experience in producing hydrogen through water electrolysis to design and manufacture flexible production and storage equipment.

McPhy Energy markets easy-to-use, environmental-friendly solutions combining unique safety features and energy independence to over 1,000 clients in the renewable energy, mobility and industry sectors.

The group has three production sites in France, Germany and Italy and an R&D laboratory in France.

Since March 25th 2014, McPhy Energy has been listed on Euronext Paris (compartment C, ISIN code: FR0011742329; ticker: MCPHY).

www.mcphy.com

McPhy Energy press contact

Calyptus

Marie-Anne Garigue

Tel: + 33 1 53 65 68 63

marie-anne.garigue@calyptus.net

About Petawatt[®] Energy - Electrygen Pty Ltd

Based in Beerwah, Queensland, Petawatt[®] Energy develops and operates sun, water and wind hydrogen energy production sites in Australia and Oceania.

The company recently signed its first purchase agreement for hydrogen energy power and derivatives for 15 isolated or grid-connected sites in Queensland.

Over 20 years, Colin Salmond, Petawatt[®] Energy's founder, aims to produce 1PWh (10¹⁵ Wh) of sun, water and wind (SWW) renewable hydrogen energy to displace the 1 GT of CO₂ and 240 trillion micrograms of mercury generated by fossil fuel equivalents.

Contact: colin@petawatt.com.au



Mcphy's offices