



Energiedienst

Power-to-Gas: McPhy Energy wins the call for tenders issued by the German group Energiedienst

In the burgeoning renewable energy storage market, McPhy Energy won a third major project in 2016 to supply the German green energy firm Energiedienst with a hydrogen production solution and support its deployment and operational use.

La Motte-Fanjas, 12 January 2017 – McPhy Energy, which designs, manufactures and integrates hydrogen equipment for the energy and industrial sectors, has won the call for tenders issued by Energiedienst, the hydroelectricity specialist from Baden-Württemberg, Germany.

McPhy Energy will be supporting Energiedienst to set up a green hydrogen production facility at the site of its Wyhlen hydroelectric power plant, supplying it with a 1 MW hydrogen generation unit. The Group will also manage this facility's maintenance under a long-term contract and will support Energiedienst to monetize its production for applications in industrial markets, as well as zero-emission mobility and injection into gas networks.

This project for a green hydrogen production facility, which will be delivered at the end of 2017, is part of the renewable energy storage program based on hydrogen technologies launched by the German foundation ZSW. It offers a response to the storage issues linked to the acceleration in the deployment of renewable energies, which are inherently intermittent, around the world. In Germany, renewable energies are expected to represent 35% of the electricity consumed by 2020⁽¹⁾.

Irene Knauber, member of the management of Energiedienst, emphasizes the project's important contribution to energy transition and climate protection. *"We plan to use the produced hydrogen primarily for fuel cell cars. With our green electricity coming from hydropower, we empower climate-neutral mobility besides electromobility. With McPhy we have an experienced partner for alkaline*

⁽¹⁾ Source: ZSW, December 2016.

electrolysis on our side to produce environmental friendly hydrogen from green electricity”.

“Following the project in China’s Hebei Province and the GRTgaz project in France, the green hydrogen production facility for the Wyhlen hydroelectric power plant is the third call for tenders won in 2016 with our Power-to-Gas solutions. With this latest contract, McPhy Energy’s teams will have installed more than 13 MW of high-capacity electrolyzers, making it possible to produce more than 5 tons of green hydrogen each day. We would like to thank the teams from Energiedienst for placing their confidence and trust in us to support them on this project, which will help capitalize on surplus renewable electricity in Germany, which is number two worldwide for renewable energy”, concludes Pascal Mauberger, McPhy Energy’s Chairman and CEO.

About... McPhy Energy

In the framework of the energy transition, and as a leading supplier of hydrogen production, storage and distribution equipment, McPhy Energy contributes to the deployment of clean hydrogen throughout the world.

Thanks to its wide range of products and services dedicated to the hydrogen energy, zero emission mobility and industrial hydrogen markets, McPhy Energy provides turnkey solutions to its clients. These solutions are tailored to our client applications: renewable energy surplus storage and monetization, fuel cell car refueling, raw material for industrial sites.

As a designer, manufacturer and integrator of hydrogen equipment since 2008, McPhy Energy has three development, engineering and production units based in Europe (France, Italy, Germany).

The company’s international subsidiaries ensure a global sales coverage of McPhy’s innovative hydrogen solutions.

McPhy Energy is listed on NYSE Euronext Paris (Segment C, ISIN code: FR0011742329; ticker: MCPHY).

www.mcphy.com

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About... EnergieDienst

EnergieDienst group produces exclusively green electricity and sells electricity and gas. Since 1999, private customers receive green power of the trade mark NaturEnergie only. Furthermore, the group offers services for heat management and decentralized generation. The group serves around 250.000 private and commercial customers, 19.000 business customers and 46 municipal customers. EnergieDienst sold 9,4 Billion kWh in 2015, serving a grid of around 760.000 people. EnergieDienst group employs around 840 people incl. 42 trainees. EnergieDienst Holding AG owns EnergieDienst AG, ED Netze GmbH, NaturEnergie AG, die EnAlpin AG in Wallis and Tritec AG. EnergieDienst Holding AG is an associated company of EnBW Energie Baden-Württemberg AG in Karlsruhe.

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