



McPhy enjoys further success on the rapidly developing on-site hydrogen production market for Power Plant Cooling applications

Following the CPI Zaoquan thermal power station in China's Ningxia region, McPhy will be equipping a power station in Lebanon for a Power Plant Cooling application. With this latest contract, McPhy is confirming the efficiency of its range of McLyzer generators for competitively-priced on-site production of the hydrogen required for cooling circuits to operate in thermal power plants.

La Motte Fanjas, 19 July 2017 – McPhy, the designer, manufacturer and integrator of hydrogen equipment for the energy, transport and industrial sectors, is supporting its partner ThyssenKrupp Uhde Chlorine Engineers (TKUCE), specialized in comprehensive high-yield electrolysis solutions and technologies, to renovate a thermal power plant in Lebanon.

With this project, McPhy will be supplying two McLyzer 10-10 generators to equip the cooling systems for the plant's alternators, while TKUCE will be in charge of engineering.

Strong market growth for on-site hydrogen production equipment

The market for on-site hydrogen production equipment for Power Plant Cooling applications is growing strongly, particularly in emerging regions where hydrogen logistics infrastructures are relatively underdeveloped, which can make their supply costs very high. By replacing deliveries of hydrogen cylinder, McPhy's solutions are making it possible to ensure reliable supplies, while creating value for their users, which can produce hydrogen for lower costs.

With a unit capacity of 10 kg of hydrogen delivered at a pressure of 10 bar, the McLyzers that will be deployed at the Lebanese thermal power station will produce hydrogen for injection into its alternator cooling circuit.

For this contract, the Group will be capitalizing on its expert logistics capabilities for export projects.

McPhy, which delivered a first McLyzer 10-10 to the Chinese thermal power station CPI Zaoquan (Ningxia region) at the start of 2017, is confirming its deployment on the high-potential market for on-site hydrogen production.



About McPhy

In the framework of the energy transition, and as a leading supplier of hydrogen production, storage and distribution equipment, McPhy 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 provides turnkey solutions to its clients. These solutions are tailored to our client applications: renewable energy surplus storage and valorization, fuel cell car refueling, raw material for industrial sites.

As a designer, manufacturer and integrator of hydrogen equipment since 2008, McPhy 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 is listed on NYSE Euronext Paris (Segment C, ISIN code: FR0011742329; ticker: MCPHY).

Media relations

Calyptus

Marie-Anne Garigue

T. +33 (0)1 53 65 68 63

marie-anne.garigue@calyptus.net

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