

MEDIA INFORMATION

New Vonovia power station will heat with Proton Motor fuel cell | Hydrogen instead of coal for the Ruhrgebiet project ODH@Bochum-Weitmar I

Puchheim near Munich, May 28, 2020 – **Hydrogen is the new coal in Bochum. Emission-free living of the future with renewable raw materials has high priority in the “Ruhrgebiet” (Ruhr-area) as part of North Rhine-Westphalia. The Bavarian hydrogen fuel cell expert “Proton Motor Fuel Cell GmbH” (www.proton-motor.de) is pleased about the latest order in the stationary area of application. Germany’s leading housing company “Vonovia SE” (www.vonovia.de) is planning a spectacular project and has ordered a 36 kW fuel cell with direct grid connection worth around EUR 110.000 from the Bavarian engineers.**

In the middle of the Bochum district of Weitmar is a settlement with 1,400 tenants. As the owner of the neighbourhood on Baerendorfer Strasse, Vonovia will start trail measures that will help reduce carbon dioxide emissions over the next three years. The current project in the heart of the Ruhrgebiet with its historical coal mining is called “ODH@Bochum-Weitmar.de”. When testing energy generation and heating for the future, those responsible want to rely on hydrogen as storage, geothermal energy, photovoltaics, fuel cells and heat pumps. For this reason, a 36 kW fuel cell was ordered from Proton Motor and is intended for the new glass power station of the future. The machinery currently under construction is scheduled to officially open in summer 2020 to supply 81 apartments with CO₂-free energy.

About Proton Motor Fuel Cell GmbH (www.proton-motor.de)

With more than 20 years of experience, internationally active Proton Motor Fuel Cell GmbH is Germany's expert for energy solutions with cleantech technologies and a specialist in fuel cells in this field. Located in Puchheim near Munich, Proton Motor offers complete fuel cell and fuel cell hybrid systems from its own production – from development to production to the realisation of customer-specific solutions. Proton Motor focuses on stationary applications such as back-up power and energy storage solutions, as well as mobile solutions such as back-to-base applications. The solutions can also be applied in the maritime and rail sectors. The product portfolio includes basic fuel cell systems, standard complete systems and customised systems. The official commissioning of the new fuel cell stack machine to start the series production took place in September 2019.

Proton Motor is active in the stationary sector for customers in the IT, telecommunications, public infrastructure and healthcare sectors in Germany, Europe and the Middle East with power supply solutions for DC and AC demand. In addition to power supply, the SPower product range also offers solutions for solar systems as well as a new product line for the storage of solar energy. Proton Motor Fuel Cell GmbH, with currently 75 employees under the management of Mister Dr. Faiz Nahab, is a wholly owned subsidiary of “Proton Motor Power Systems plc” (www.protonpowersystems.com) with headquarters in Newcastle upon Tyne, England. The company has been listed on the London Stock Exchange since October 2006 (code: PPS).

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