

SUNFIRE RECEIVES PURCHASE ORDER FOR 100 MW PRESSURIZED ALKALINE ELECTROLYZER

The supply agreement with a leading European refinery marks a key milestone for Sunfire.

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Sunfire, a leading electrolysis manufacturer, has secured a contract to supply a 100 MW pressurized alkaline electrolyzer to a European refinery. Earlier this year, the company launched its scaling strategy with the official opening of its industrial serial electrolyzer production in Solingen, Germany.

“Now we are ready to deliver on large scale projects,” said Sunfire CEO Nils Aldag. “Signing this 100 MW contract marks a key milestone for Sunfire as it is our first commercial order from a leading refinery in Europe. Refineries are at the forefront of decarbonizing their operations through green hydrogen and hence are one of our strategic target sectors,” Nils Aldag adds.

The purchase order includes ten modules of Sunfire’s highly reliable pressurized alkaline electrolysis technology, each with a capacity of 10 MW, as well as the power supply units. In addition, the company will be responsible for supervising the subsequent installation and commissioning of the system. The electrolyzer is planned to commence operation in early 2026.

Nils Aldag emphasizes: “With our track record in industrial projects and our scaling strategy to reach an alkaline electrolyzer production capacity of up to 1 GW per year by 2024, Sunfire is one of the few electrolysis companies in the world capable of delivering electrolysis at an industrial scale.”

Sunfire’s pressurized alkaline electrolysis technology is the go-to solution for early movers in the dynamic hydrogen economy. The company’s advanced technology delivers green hydrogen at a high pressure of 30 bar(g). Due to this feature, customers save on compressor and operating costs as less compression is required to further utilize the green hydrogen.

Renowned customers already rely on Sunfire's proven alkaline electrolyzers. The company is realizing green hydrogen projects together with international energy companies such as RWE and Uniper, or hydrogen project developers like P2X Solutions from Finland or Copenhagen Infrastructure Partners.

About Sunfire

Sunfire GmbH is a global leader in the production of industrial electrolyzers based on pressurized alkaline and solid oxide (SOEC) technologies. With its electrolysis solutions, Sunfire is addressing a key challenge of today’s energy system: providing

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renewable hydrogen and syngas as climate-neutral substitutes for fossil energy. Sunfire's innovative and proven electrolysis technology enables the transformation of carbon-intensive industries that are currently dependent on fossil-based oil, gas, or coal. The company employs more than 500 people located in Germany and Switzerland.

For further information please visit www.sunfire.de/en/