



Press release

27.02.2023

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thyssenkrupp nucera and customer signed contract to reserve large scale electrolyzer production capacity for green hydrogen

- European customer from a carbon-intensive industry secures supply of alkaline water electrolyzers for the production of green hydrogen in a new production plant
- thyssenkrupp nucera reserves production capacity for its standard 20 MW electrolyser modules with large scale capacity for the customer
- With this new option, thyssenkrupp nucera enables customers to secure their hydrogen project supply chains already during the development phase

Dortmund, February 27, 2023 – thyssenkrupp nucera and a European customer from a carbon-intensive industry have signed a reservation agreement for production capacities for green hydrogen. Under this contract the customer secures production capacities for the manufacturing of standardized 20 MW alkaline water electrolysis modules with large scale capacity from the supplier of world-leading technologies for high-efficiency electrolysis plants. The new customer of thyssenkrupp nucera will build a production plant that will use green hydrogen to manufacture green products in Europe. The two companies have agreed not to disclose further contract details.

For the first time, a company has decided to use thyssenkrupp nucera's offer to reserving production capacities. With this option, thyssenkrupp nucera, as a partner at the side of its customers, makes a crucial contribution to secure the overall project supply chain and enables them to take the lead in decarbonizing its industry.

"The use of green hydrogen to decarbonize the industry is gaining significant momentum driven by American and European green hydrogen programs such as the Inflation Reduction Act and The REPowerEU plan. The ramp-up of the overall supply chain for our electrolyzers requires a close cooperation between the involved companies. We offer capacity reservation agreements which are an excellent example for the close collaboration needed to support the successful implementation of green hydrogen projects," says Dr. Christoph Noeres, Head of Green Hydrogen thyssenkrupp nucera AG & Co. KGaA.



The new customer relies on an industrial partner with already more than 2.3 Gigawatt capacity under construction. This includes one of the largest green hydrogen projects in the world to install over 2 GW electrolysis plant for Air Products in Saudi Arabia and the delivery of Shell's new 200 MW of hydrogen facility in the port of Rotterdam. These reference projects prove that thyssenkrupp nucera is the leading technology provider for the industry in the multi 100 MW up to GW range.

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About thyssenkrupp nucera:

thyssenkrupp nucera offers world-leading technologies for high-efficiency electrolysis plants. The company has extensive in-depth knowledge in the engineering, procurement, and construction of electrochemical plants and a strong track record of more than 600 projects with a total rating of over 10 gigawatts already successfully installed. With its water electrolysis technology to produce green hydrogen, the company offers an innovative solution on an industrial scale for green value chains and an industry fueled by clean energy – a major step towards a climate-neutrality.

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