

PRESS RELEASE

TES and EWE to Build 500MW Electrolyser at Wilhelmshaven Green Energy Hub

- EWE and TES plan to design, build and operate the electrolysis plant in TES' Green Energy Hub.
- TES and EWE will benefit from synergies like using the oxygen from the electrolyser in other green energy processes.

Berlin/Oldenburg, 25 November 2022 – Tree Energy Solutions (“TES”), a world-scale green hydrogen company with a mission to deliver on a net-zero future by decarbonising the energy chain, and EWE, one of Germany’s largest integrated utilities, are delighted to announce the signing of a Memorandum of Understanding (MoU) to build an electrolyser in TES’ Green Energy Hub in Wilhelmshaven.

The electrolyser is to be installed and operated starting in 2028. The planned capacity of the electrolyser is 500MW and one more unit is planned to reach a total capacity of 1GW. This MoU is in line with Germany’s strategic energy policy to develop clean energy generated by the North Sea and broaden the possible supply for hydrogen. The signing marks a joint interest in delivering national energy security as Germany continues to diversify its energy supply from renewable energy sources.

The hub in Wilhelmshaven is strategically placed on the North Sea coast and can accommodate up to 2GW capacity electrolysers with renewable energy sources such as offshore wind in order to generate locally produced green hydrogen. TES and EWE will both benefit from the synergies like the joint connection to the grid or the utilization of oxygen in other green energy processes.

Marco Alvera’, CEO of TES, said: “The signing of this MoU is a clear example of the progress underway for Wilhelmshaven to become a major green energy hub for all of Europe, which will not only import green energy but also generate locally produced hydrogen. We look forward to our collaboration with EWE in order to harness untapped energy potential and accelerate the transition to deliver affordable energy for all.”

Dr. Urban Keussen, CTO of EWE, said: „Without hydrogen there can be no energy transition, no climate neutrality, and no move away from fossil fuels. In order to fill the national hydrogen strategy with life and to advance the topic of hydrogen together, partnerships and suitable location concepts are needed. Wilhelmshaven, as an energy hub, plays a crucial role in this. Together with TES, we want to develop Wilhelmshaven with a focus on green hydrogen and contribute our know-how to the planned partnership. “

About TES

Tree Energy Solutions (TES) is a global green hydrogen company supplying long term nonintermittent carbon-neutral energy on-demand at industrial scale. TES aims to accelerate the energy transition by unlocking the potential of existing global energy infrastructure to reach customers with green hydrogen, green gas and green power while accelerating the phaseout of fossil fuels from the energy system worldwide and adopting a circular carbon economy. TES is currently developing energy supply and import terminal locations across the Americas, Middle East, Australia and US in volumes that will truly help to decarbonise global markets. www.tes-h2.com

About EWE

As an innovative service provider, EWE is active in the business areas of energy, telecommunications and information technology. With over 9,500 employees and a turnover of 6.1 billion euros in 2021, EWE is one of the largest energy companies in Germany. The company, headquartered in Oldenburg in Lower Saxony, is predominantly municipally owned. It supplies around 1.4 million customers with electricity, around 0.7 million with natural gas and around 0.7 million with telecommunications services in northwest Germany, Brandenburg, Rügen and parts of Poland. EWE plays a pioneering role in the areas of supply security, climate protection and digital participation. To this end, the Group is investing over one billion euros in the expansion of the fibre optic infrastructure in the coming years, four billion euros in the construction of new wind power plants and is a leader in the expansion of the hydrogen infrastructure. You can find out more about EWE at www.ewe.com.

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