

Press release

Thor: RWE signs grid connection agreement with Energinet for Denmark's largest offshore wind farm

- **Energinet to build two new electrical substations; cables will be buried underground**
- **Green electricity for more than one million Danish households**

Essen, 7 April 2022

RWE has signed an agreement with the Danish grid operator Energinet for its Thor Offshore Wind Farm. The agreement regulates the technical set-up, the power quality and the cooperation between RWE and Energinet, at the point of connection (POC) in Volder Mark.

With a planned capacity of around 1,000 megawatts (MW) Thor will be Denmark's largest offshore wind farm to date. The wind farm will be built off the Danish west coast approximately 22 kilometers from the port of Thorsminde.

To connect the offshore wind farm to the grid, Energinet will construct a new 220 kilovolt (kV) station - as part of the 220/400 kV conversion of the existing 400 kV station in Idomlund. From there, 28 kilometers of cables will be laid underground to connect to a new 220 kV station (POC) to be constructed at Volder Mark, which is located 4 km from the coastline. At Volder Mark the electricity generated by the offshore wind farm will be delivered to the grid.

Once fully operational, which is planned to be no later than 2027, Thor would be capable of producing enough green electricity to supply the equivalent of more than one million Danish households. As something new for offshore wind in Denmark, developer RWE will construct and pay for the entire offshore electrical high voltage system up to POC, and also pay for the onshore grid connection. This is regulated by a concession agreement signed with the Danish Energy Agency (Energistyrelsen) in January.

RWE is a leading global player in renewables and number 2 worldwide in offshore wind. The Thor project will help to support the company's goal to triple its global offshore wind capacity from 2.4 to 8 gigawatts by 2030. RWE is already involved in the Danish Rødsand 2 offshore wind farm, which is located south of the Danish island Lolland, approximately 10 kilometres southeast of Rødbyhavn. The wind farm has an installed capacity of 207 MW (RWE share: 20%) and has been in operation since 2010.



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RWE

RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas. RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.

Forward-looking statements

This press release contains forward-looking statements. These statements reflect the current views, expectations and assumptions of management, and are based on information currently available to management. Forward-looking statements do not guarantee the occurrence of future results and developments and are subject to known and unknown risks and uncertainties. Actual future results and developments may deviate materially from the expectations and assumptions expressed in this document due to various factors. These factors primarily include changes in the general economic and competitive environment. Furthermore, developments on financial markets and changes in currency exchange rates as well as changes in national and international laws, in particular in respect of fiscal regulation, and other factors influence the company's future results and developments. Neither the company nor any of its affiliates undertakes to update the statements contained in this press release.

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