

Permits in place for RWE to kick off offshore construction for Denmark's largest offshore wind farm in spring

- **Danish Energy Agency grants RWE offshore construction permit for 1.1 GW Thor offshore wind farm**
- **Offshore work will begin - as planned - in spring 2025; full commissioning expected in 2027**
- **Enough green electricity to supply the equivalent of more than one million Danish households**

Essen, 31 October 2024

The Danish Energy Agency has granted RWE the offshore construction permit for its Danish offshore wind farm Thor. RWE therefore now has all permits in place to start construction work at sea in spring 2025. With more than one gigawatt of capacity, Thor will be able to produce enough green electricity to supply the equivalent of more than one million Danish households.

Thomas Michel, COO RWE Offshore Wind: “With our Thor project we are delivering Denmark’s largest offshore wind farm to date. But it is not just the size of the project that makes us ambitious. We are also leading the way with investments in new sustainable technology with recyclable rotor blades and turbine towers made of greener steel. Denmark is already a pioneer when it comes to renewable energy and innovative solutions. We are proud to contribute to this journey with Thor.”

Good progress is already being made on land, with the laying of cables and the construction of an onshore substation in the municipality of Lemvig. At the beginning of next year, RWE will prepare the seabed for the construction activities, which will kick off in spring when the foundations are installed. Turbine installation is scheduled to begin in 2026. Located approximately 22 kilometres off the west coast of Jutland, Thor will consist of 72 wind turbines (SG 14-236 DD). Half of the turbines will be equipped with CO₂-reduced steel towers and 40 turbines will use recyclable rotor blades. The plan is to perform the turbine installation works from the port of Esbjerg. The port of Thorsminde will serve as an operations and maintenance base, creating 50-60 local jobs. Construction of RWE’s new service building is expected to start later this year. Thor is expected to be fully operational by no later than the end of 2027.

Leading global player in offshore wind

RWE already operates 19 offshore wind farms, including [Rødsand 2](#) off the Danish coast. Besides Thor in Denmark, the company is currently building three large-scale offshore wind farms: the Sofia offshore wind farm (1.4 GW) in the UK, the Nordseecluster (1.6 GW) off the German coast and, together with TotalEnergies, the OranjeWind offshore wind farm (795 MW) in the Netherlands. RWE aims to triple its global offshore wind capacity from 3.3 GW today to 10 GW by 2030.

For more information about RWE's Thor offshore project, please visit: thor.rwe.com

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RWE

RWE is leading the way to a green energy world. With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy. Between 2024 and 2030, RWE will invest 55 billion euros worldwide in offshore and onshore wind, solar energy, batteries, flexible generation, and hydrogen projects. By the end of the decade, the company's green portfolio will grow to more than 65 gigawatts of generation capacity, which will be perfectly complemented by global energy trading. RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net-zero by 2040. Fully in line with 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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