RWE

Press release

Thor: RWE selects Siemens Gamesa as preferred supplier for 1,000-MW offshore wind farm in Denmark

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- **Denmark's largest offshore wind farm to date moves ahead: 72 x SG 14-236 DD offshore wind turbines planned to be installed starting in 2026**
- **installation works planned to be carried out from Port of Esbjerg**
- **Local Danish supply chain expected to contribute**
- **RWE plans to create up to 60 permanent local jobs in Thorsminde**
- **Thor intended to supply green electricity to more than one million Danish households**

Copenhagen, 12 January 2023

RWE is further progressing with the deployment of Denmark's largest offshore wind farm to date by signing a Preferred Supplier Agreement with Siemens Gamesa. 72 units of Siemens Gamesa's flagship SG 14-236 DD offshore wind turbines are planned to be installed at RWE's 1,000 megawatt (MW) Thor project. In addition, a service contract for the wind turbines is included. All deliveries are subject to RWE's final investment decision.
Executives from RWE and Siemens Gamesa met at the Danish National Test Centre for Large Wind Turbines in Østerild yesterday to celebrate the signing. Taking place just a few metres from the Siemens Gamesa SG 14-236 DD prototype machine, they marked the moment with an increased commitment to delivering clean energy in Denmark.
Sven Utermöhlen, CEO RWE Offshore Wind: "With Thor, we will massively contribute towards Denmark's ambitious climate targets. In order to deploy this offshore project, we will rely on our track record of more than 20 years in offshore wind and on experienced suppliers, like Siemens Gamesa, which are committed to working hand in hand with Danish supply chain companies and the local workforce. As RWE, we want to be one of the key drivers of offshore wind energy in Denmark."
Marc Becker, CEO of Siemens Gamesa's Offshore business: "We're thrilled to collaborate once more with RWE, and feel particularly encouraged by the signing of the Preferred Supplier Agreement for the Thor project. Our partnership already encompasses 12 offshore wind projects in both operation and development, totaling over 5.1 gigawatts of capacity in several countries. Connecting in Denmark today is a testament to our commitment to the country, and to the benefits we all gain from the Østerild test centre. Governmental support in all aspects of the wind industry – from projects to support schemes to research and development centres like this one – is critical for our future success."
RWE will build the Thor wind farm in the Danish North Sea, approximately 22 kilometres from Thorsminde on the west coast of Jutland. Installation of the turbines at sea is expected to begin in 2026. The installation works are planned to be carried out from the Port of Esbjerg, Denmark. Both RWE and Siemens Gamesa intend to utilise the skilled local workforce during construction and commissioning of the project, both in the harbour as well as offshore.

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For the operation and maintenance of Thor, RWE will set up a service base at the port of Thorsminde. RWE intends to contribute to the local economy and community by creating up to 60 permanent jobs. This includes technicians, engineers, nautical personnel as well as crew for the service vessels. It is expected that the new service station will be fully operational from 2026 onwards. RWE plans to support its wind farm for at least 30 years from this port.

With a planned capacity of more than 1,000 MW, Thor offshore wind farm will increase Denmark's share of electricity produced from renewable energy sources and help to reduce the country's carbon emissions, in line with the European Green Deal. Once fully operational, which is planned to be no later than the end of 2027, RWE's Thor wind farm would be capable of producing enough green electricity to supply the equivalent of more than one million Danish households.

RWE is a leading global player in renewables. Globally RWE is investing more than €50 billion gross towards 2030 to grow its green core business. As part of this the Thor project will help to support the company's goal to grow its global offshore wind capacity from 3 to 8 gigawatts by the end of the decade. Since 2010, RWE has already completed and now operates the Danish Rødsand 2 offshore wind farm, which is located south of the Danish island of Lolland.

For more information about the Thor offshore project, please visit: thor.rwe.com

Earlier this year, RWE already signed preferred supplier agreements for the onshore and offshore substations.

Pictures for media use are available at the RWE Media Centre (credit: Siemens Gamesa).

General information about the SG 14-236 turbine model: The SG 14-236 DD is Siemens Gamesa's flagship offshore wind turbine. It features a capacity of almost 15 MW and a 236-meter diameter rotor with an astounding swept area of 43,500 m^2. This allows the SG 14-236 DD to provide an increase of more than 30% in Annual Energy Production compared to its predecessor. It features Siemens Gamesa's patented IntegralBlades, each measuring 115 meters in length.

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RWE Renewables

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 more than €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.

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