Press release

"Wedding" on the high seas – RWE installs substations for Nordseecluster A offshore wind farm

- **Substations around 40 metres long, 22 metres high and weighing 1,800 and 2,500 tonnes respectively**
- **Platforms constructed by Chantiers de l'Atlantique and installed by SCALDIS using heavy-lift crane "Gulliver"**
- **Nordseecluster A with 660 megawatts to be commissioned in 2027; Nordseecluster B with additional 900 megawatts to follow from 2029**
- **1.6-gigawatt Nordseecluster will be able to generate enough green electricity to supply equivalent of around 1.6 million German households**

Essen, 14 April 2026

Around 50 kilometres north of the island of Juist, the Nordseecluster is taking shape – a joint offshore wind project between RWE (51%) and Norges Bank Investment Management (49%). A 'wedding', as the successful installation of a substation onto its foundation is known, has now been celebrated at the offshore construction site. This special event could be witnessed twice in recent days, as the two substations of the Nordseecluster A, each around 40 metres long and 22 metres high, were successfully installed. One topside weighs around 1,800 tonnes, the other around 2,500 tonnes.

Tobias Keitel, Chief Technology Officer RWE Offshore Wind: "I would like to thank everyone involved in implementing our 1.6-gigawatt Nordseecluster, which is significantly expanding RWE's offshore wind portfolio and making an important contribution to a sustainable and reliable energy system. At the 'double wedding', the two heaviest components were installed – a visible sign that we are making excellent progress with the work at sea. We will begin installing the first turbines this summer. The first phase of the Nordseecluster will be fully operational from 2027."

The journey of the two substations began in Saint-Nazaire, France, on the premises of the manufacturer Chantiers de l'Atlantique. They were transported across the North Sea, a journey lasting about a week, before being placed on their foundations by the floating heavy-lift crane "Gulliver" operated by SCALDIS. The foundations had already been installed at the end of 2025.

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Nordseecluster A will be connected via two separate grid connections, which is why two offshore substations are required. The electricity generated by the wind turbines of Nordseecluster A will be fed into the two substations, where it will be stepped up to the required transmission voltage. From there, the electricity will be transmitted to the grid operator's converter station and then transported to the mainland.

Construction of Nordseecluster A progressing according to plan

The offshore works on Nordseecluster A are proceeding well with foundation installation completed at the end of last year, cable-laying within the farm currently underway and installation of the 44 wind turbines to begin in summer 2026. After full commissioning at the beginning of 2027, Nordseecluster A will have a total capacity of 660 megawatts (MW). The second expansion stage, Nordseecluster B, will contribute an additional 900 MW through its 60 wind turbines, from the beginning of 2029. Manufacture of several components has already begun. At the end of March, the Federal Maritime and Hydrographic Agency granted planning permissions for Nordseecluster B – a key prerequisite for work at sea to begin next year. The Nordseecluster will be able to generate enough green electricity to supply the equivalent of around 1.6 million German households. RWE is responsible for the construction and operation of the offshore wind farms throughout their entire life cycle.

RWE is a leading global player in offshore wind

RWE is one of the world's leading players in the offshore wind sector and has more than 20 years of experience in the development, construction, and efficient operation of offshore wind farms. In addition to Nordseecluster, the company is currently implementing three other large offshore wind projects: Sofia in the UK (1.4 GW), Thor in Denmark together with Norges Bank Investment Management (1.1 GW), and OranjeWind in the Netherlands in collaboration with TotalEnergies (795 MW).

Further information on the Nordseecluster offshore wind project can be found here.

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Images of the substation installation for media use are available at the RWE Media Centre *(Credit: RWE / Photographer: Matthias Ibeler)*

Technical characteristics of the Nordseecluster A offshore substations:

	Substation 1	Substation 2
Capacity:	225 MW	433 MW
Topside weight:	1,800 t	2,500 t
Foundation weight:	800 t (Monopile)	2,000 t (Jacket)
Topside dimensions:	41 m (length) × 26 m (width) × 22 m (height)	42 m (length) × 30 m (width) × 22 m (height)

RWE

RWE is leading the way to a modern energy world. With its investment and growth strategy, 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 over 20 countries worldwide. RWE is one of the leading companies in the field of renewable energy. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its global energy trading business. Thanks to its integrated portfolio of renewables, battery storage and flexible generation, as well as its broad project pipeline of possible new builds, RWE is well positioned to address the growing global demand for electricity, particularly driven by further electrification and artificial intelligence. 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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Emissions Trading System
Innovation Fund

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