

Press release

Large construction site for the energy transition: RWE modernises two wind farms and increases power generation

- **Company modernises wind farms in Salzgitter and Peine district**
- **Total capacity to increase from 30.6 to 61.8 MW; electricity production will more than triple**
- **Successful start to construction: First foundation poured for new wind turbine**

Essen, 14 February 2024

Ground frost, gusts of wind, cold – the RWE team braved the adverse conditions. Over the next few weeks, a total of around 100 employees and experts from RWE and its partner companies will be working on two wind farms to dismantle 17 older wind turbines and replace them with 11 new, more powerful ones. By repowering the wind farms in this way, RWE can significantly increase electricity production despite using fewer turbines. This is due to the larger rotor blades being able to capture more wind and produce green electricity even when the wind is weak. At the Lesse and Barbecke sites, the company will increase capacity from 30.6 to 61.8 megawatts (MW).

Katja Wünschel, CEO RWE Renewables Europe & Australia: “43,500 is the number of the day. Once operational, the wind farms will be able to supply the equivalent of 43,500 households with green electricity. Electricity production at both sites will more than triple. Repowering is therefore making an important contribution to the success of the energy transition. But it is not only the climate that benefits, since we voluntarily pay an RWE climate bonus of 0.2 cents per kilowatt hour produced to the local communities. The town of Salzgitter and the municipalities of Lengede, Burgdorf and Söhlde can look forward to a total annual income of up to €280,000, which will be distributed among the municipalities.”

RWE opts for established wind sites in Lesse and Barbecke

The local conditions make the area suitable for wind power, with sufficient distance from the nearest villages and good wind conditions. In Lesse, RWE will replace eleven turbines of the oldest generation (total capacity 19.8 MW) with eight modern turbines with a total capacity of 44.7 MW.

In Barbecke, RWE will replace six existing turbines (total capacity 10.8 MW) with three turbines with an installed capacity of 5.7 MW each (total capacity 17.1 MW). The team has started to set up the construction site and carry out initial road works.

RWE

Any repowering project is a logistical challenge. In parallel with the new construction, the old turbines need to remain connected to the grid for as long as possible in order to continue generating green electricity.

Jens Meyer, Project manager at RWE: “We really have our hands full. While we have already laid the first foundation with a diameter of more than 26 metres for the new wind farm in Lesse, we were able to start dismantling the old plant at the same time. We are doing this in the most environmentally-friendly and resource-efficient way possible. We are leaving areas that are no longer required in such a way that they can be used without restriction after dismantling. We also reuse some of the gravel removed from roads and crane pads in the new wind farm.”

How communities benefit from wind power

RWE operates around 90 onshore wind farms in its home market. Involving citizens and local authorities in renewable energy projects is a key element in driving forward the energy transition. It promotes local acceptance. In Germany, the company gives all municipalities with an RWE wind farm a share of the profits. As the RWE climate bonus is paid per kilowatt hour of electricity generated, communities where high-capacity plants are based benefit the most. This creates an additional incentive to replace older plants with modern ones. In Lesse and Barbecke, electricity production will more than triple after repowering. Municipalities can expect to receive up to €280,000 per year of wind farm operation, up from up to €80,000. The additional income can be used, for example, to financially support local facilities such as day-care centres for children, schools and fire brigades. RWE plans to commission all new plants this coming winter.

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Pictures for media use of the dismantling and reconstruction of the Lesse wind farm are available at the [RWE media centre](#). Credit: RWE

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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