

## Press release

### Auction success for RWE: Repowering of Lengerich wind turbine can begin

- RWE replaces 1.8-MW turbine with more powerful 5.7-MW turbine
- Electricity production at site increased by around 400 percent
- Green electricity for equivalent of around 4,000 households

Essen, 11 September 2023

RWE has been awarded the tender for its onshore repowering project in Lengerich by the German Federal Network Agency's auction for onshore wind (bid deadline was 1 August). "Repowering" is the process of replacing old turbines with modern, more powerful ones. At the site in Emsland in northwest Germany, this means that RWE is replacing a turbine with a capacity of 1.8 megawatts (MW) with a new 5.7-megawatt turbine. The larger rotor creates a significantly larger area for harvesting wind. As a result, electricity production here can be increased by about 400 percent. Whereas in the past, around 1,000 households could be supplied with green electricity, the new wind turbine has the capacity to produce green electricity for 4,000 households.

RWE has already begun dismantling the old plant, which had been in operation since 2003. The new construction project will then begin, with the large components such as the nacelle or the three rotor blades for the new plant to be delivered in the fourth quarter of this year. The RWE construction team aims to start building the new plant in the winter so that it can start producing green electricity next year. After commissioning, the surrounding municipalities will also benefit from this repowering project, as RWE voluntarily pays 0.2 cents for every kilowatt hour produced to the municipalities in the vicinity. Due to the more powerful wind turbine, the municipalities can expect to receive around 28,000 euros per year, compared to 7,000 euros without repowering).

#### **Agata Schallenberg, RWE's head of wind energy and solar park construction in Germany:**

"Over the entire construction period, a total of around 50 colleagues, including various partner companies, will be involved, working hand in hand. In repowering projects, our challenge is to ensure that old turbines remain connected to the grid and produce green electricity for as long as possible, while we simultaneously start preparations for the construction of the new turbines. Because every green kilowatt hour counts."

# RWE

In Germany, RWE operates around 90 onshore wind farms. The company is working hard to drive forward the expansion of renewable energies and will invest 15 billion euros gross in its green portfolio by 2030.

**For further enquiries:** Sinje Vogelsang  
RWE Renewables Europe & Australia  
Spokesperson  
T +49 (0) 201 5179-5941  
E [sinje.vogelsang@rwe.com](mailto:sinje.vogelsang@rwe.com)

**Pictures for media use** are available at the [RWE Media Centre](#). Credit: RWE

## 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 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 wants to phase out coal by 2030. 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.*

## Data Protection

*The personal data processed in connection with the press releases will be processed in compliance with the legal data protection requirements. If you are not interested in continuing to receive the press release, please inform us at [Datenschutz-kommunikation@rwe.com](mailto:Datenschutz-kommunikation@rwe.com). Your data will then be deleted and you will not receive any further press releases from us in this regard. If you have any questions about our data protection policy or the exercise of your rights under the GDPR, please contact [datenschutz@rwe.com](mailto:datenschutz@rwe.com).*