

## Press release

### Wind farm Jüchen A 44n: turbines to be dismantled; new wind farm to be connected to the grid in 2023

- **RWE, city of Jüchen and NEW to support Nordex in controlled demolition of the existing wind turbines this year**
- **Grid connection of the new wind farm with 27 MW to take place in 2023**

Essen, 25 August 2022

As the responsible company, Nordex has drawn up a dismantling concept for the Jüchen A 44n wind farm with support of RWE, the city of Jüchen and the utility company NEW. The concept comprises the complete dismantling of the existing wind turbines and safe demolition of the concrete towers. A new wind farm is then to be built on the same site and connected to the grid in 2023. The dismantling is required due to structural defects identified in the towers. For safety reasons, the entire wind farm has therefore been out of operation for months. As a result, manufacturer Nordex was unable to hand over the project to the three partners RWE, the city of Jüchen and the energy supplier NEW.

The Jüchen A 44n wind farm consists of six wind turbines. One of the turbines (turbine number 4) was shut down in August last year when damage to the tower was detected. Shortly after, the remaining five turbines were shut down as a precautionary measure and comprehensive safety measures put in place. The safety precautions included an extensive cordoning off of the site and ongoing monitoring of the wind farm. The manufacturer and partners have now agreed to replace the towers. Karsten Brüggemann, Managing Director of Nordex Germany GmbH, explains: "Safety is our top priority. We have already gained initial experience in dismantling identical turbines in other German states."

RWE is supporting the work on securing the wind turbines, which is being carried out by the manufacturer, and is providing personnel, machinery and materials as required. The aim of the project partners is to erect new turbines as quickly as possible after dismantling the old ones. Grid connection of the new wind farm with six wind turbines and a total capacity of 27 megawatts is scheduled for 2023. Once fully operational, the wind farm will be capable of generating enough green electricity to meet the average needs of more than 26,000 households.

Starting this month, the first step will be to stabilise five of the six concrete towers from the outside using two steel collars, and then to safely dismantle the blades, hub, nacelle and steel turbine towers.

# RWE

In a second step, the remaining concrete towers will be brought to the ground in a controlled, targeted demolition - a common method worldwide for the rapid and economical dismantling of concrete structures. A separate dismantling plan is being drawn up for the sixth turbine (turbine number 4), due to the specific damage pattern. The entire dismantling will take place in the coming months. RWE has provided further information including a time schedule at [www.rwe.com/windpark-juechen](http://www.rwe.com/windpark-juechen).

The dismantling has no consequences for other wind turbines operated by RWE: RWE does not operate any further turbines with this specific tower.

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## Nordex

The Group has installed over 39 GW of wind power capacity in more than 40 markets, and generated sales of approximately EUR 5.4 billion in 2021. The company currently employs over 8,600 people. Its manufacturing network includes plants in Germany, Spain, Brazil, the US, India and Mexico. The product range focuses on onshore turbines primarily from 4 to more than 6 MW, designed to meet the market requirements of countries with limited expansion areas and regions with limited grid capacity.

## 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 €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.

## Town of Jüchen

The town of Jüchen is a medium-sized town in the Rhine district of Neuss with a population of around 24,000. The council of the town of Jüchen has adopted both a climate protection concept and a sustainability strategy. The goal is the expansion of wind energy. Jüchen was one of the first 15 municipalities in Germany and worldwide to draw up a strategy based on the United Nations' 2030 Agenda for Sustainable Development.

## NEW

NEW is a municipal service company with strong ties to the Lower Rhine region. The group includes several subsidiaries in Mönchengladbach, Erkelenz, Geilenkirchen, Grevenbroich, Viersen, Schwalmatal and Tönisvorst. NEW supplies around 400,000 customers with electricity, 150,000 with gas and 100,000 with water. Its regional services include local public transport and the operation of public swimming pools. NEW also operates the public sewer network on behalf of the cities of Mönchengladbach and Viersen. NEW promotes projects in the region - including through its sponsorships of local associations - and employs around 2,200 people.

## Forward-looking statements

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