

## PRESS RELEASE

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# Energiequelle GmbH celebrates the commissioning of the Bad Gandersheim repowering project

**The latest-generation wind turbine replaces four old turbines and achieves a 530 percent increase in efficiency**

Bad Gandersheim, 24 April 2024. In mid-February, Energiequelle GmbH commissioned a new E-160 wind turbine with a hub height of 166 meters and an output of 5.56 MW in Bad Gandersheim (Lower Saxony). Thanks to its overall height of 250 meters and its location directly on the A7 motorway, the latest generation turbine can be seen from afar. Construction work began last February with the dismantling of four old turbines that had been in operation since 2000. With the construction of the new turbine, which replaces the four previous turbines, the repowering project has achieved an efficiency gain of around 530 percent and now supplies around 5,000 households with green electricity.

In the course of repowering, Energiequelle replaces older turbines with larger and more powerful ones. In this way, the internationally active company ensures the sustainable and consistently optimal use of the land used. This not only makes economic sense, but also represents an advantage for communities and residents, as fewer turbines are required despite the considerable increase in output and the larger rotor blades rotate much more slowly, thus protecting the landscape.

Jan Schrobsdorff, Project Manager at Energiequelle, is optimistic that further repowering projects can be implemented in the future: "It's impressive to see how current technical progress has made such significant increases in efficiency possible. Germany offers great potential for further repowering projects, as many wind turbines are already over 20 years old."

A small inauguration ceremony will be held at the wind turbine on May 25 to celebrate the good cooperation between Energiequelle and the local residents and stakeholders.

With more than 850 wind turbines installed and a total output of around 1,700 MW, Energiequelle is a leading company in the industry. Energiequelle currently employs around 550 people in six countries.



Construction of the new wind turbine

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## About Energiequelle

Energiequelle GmbH has been internationally active as a project developer and operator of wind energy, biomass and photovoltaic plants as well as transformer stations and storage facilities since 1997. The company is headquartered in Kallinchen, with further locations in Berlin, Bremen, Oldenburg, Hanover, Putlitz, Perleberg, Penzing, Erfurt, Dresden, Rostock, Kiel, Magdeburg, Wiesbaden, Leipzig, Stuttgart, Münster, Guntersblum, Spremberg and Luckenwalde as well as Rennes, Dijon and Bordeaux (France), Helsinki and Vaasa (Finland),

Poznan (Poland) and Cape Town (South Africa). With over 550 employees and more than 850 plants installed with a total output of around 1,700 MW, Energiequelle is a leading company in the industry.