PRESS RELEASE

VSB Group Connects One of Europe's Largest Repowering Projects to the Grid

Dresden/Zahna-Elster/Jessen, 15 August 2025 – The VSB Group has successfully connected the Repowering Wind Farm Elster to the grid. With an installed capacity of 105.6 megawatts, it ranks among the largest repowering projects in Europe. The energy output has increased sixfold compared to the original site – made possible by state-of-the-art turbine technology.

Press contact
Sandy Richter
Press officer
+49 351 21183 653
sandy.richter@vsb.energy

VSB Gruppe
Schweizer Straße 3 a
01069 Dresden
+49 351 21183 400

www.vsb.energy

More energy, less land use
The new wind farm produces 235 gigawatt hours of electricity per year – enough to supply around 67,000 three-person households, comparable to a city the size of Heidelberg. "Every kilowatt hour from Repowering Wind Farm Elster strengthens Europe's energy sovereignty and brings us closer to achieving the EU's climate targets," **says Dr Felix Grolman, CEO of the VSB Group**.

Repowering sets new standards
With an efficiency increase of nearly 600 percent, the Elster site demonstrates the vast potential of repowering. This strategy is particularly promising in countries like Germany and France, where many older turbines are still in operation.

Future-proof development of existing sites
VSB has been involved with the Elster location for over two decades. Between autumn 2021 and autumn 2022, the legacy turbines were dismantled. Many of their components were given a second life – either reused for spare parts or in continued operation elsewhere.

"Grid connection, permitting, dismantling – the project posed significant challenges in every phase," points out **Thomas Winkler, Managing Director of VSB Germany**, which was responsible for planning and construction. "Its successful completion shows how existing sites can be future-proofed through long-standing experience and close cooperation with local partners and authorities."

European technology, measurable benefits
The 16 SG 6.6-155 turbines come from European manufacturer Siemens Gamesa. "Modern turbines like the SG 6.6-155 deliver higher yields using less land – and make a clearly measurable contribution to climate protection," adds **Christian Essiger, Head of Onshore Business in Germany at Siemens Gamesa**. "Each turbine generates around 48 times more energy over its lifetime than is needed for manufacturing, installation and operation."

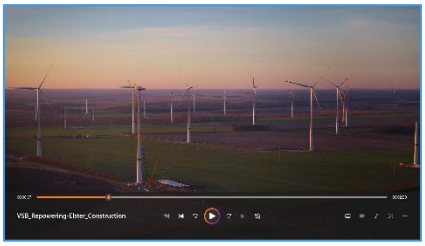
Expansion starts this autumn
Two additional turbines will be added in autumn 2025. For **Grolman**, the path forward is clear: "Fewer turbines, more output, and smart use of available land – that's the key to a strong European wind industry."

Fact box: Old turbines vs. new turbines

	Former wind farm (decommissioned turbines)	Repowered wind farm
Number of turbines	50	16
Turbine type	Enercon E-40	Siemens Gamesa SG 6.6-155
Commissioning	Between 2000 and 2002	2025
Capacity per turbine	0.6 MW	6.6 MW
Total installed capacity	30 MW	105.6 MW
Annual energy yield	36 GWh	235 GWh
Hub height	77.8 metres	165 metres
Rotor blade length	20 metres	77.5 metres
Total height (tip)	97.8 metres	242.5 metres

Detailed information as well as image and video material related to the announcement

https://vsb.canto.global/b/VKVK6



Photos of the opening ceremony will be available via the link from 1:45 p.m. (CEST) on 15 August.

Further information on the Repowering Wind Farm Elster

www.windfarm-elster.com

About VSB Group

VSB, headquartered in Dresden, is one of Europe's leading vertically integrated developers in the field of renewable energy. The company is part of TotalEnergies since 2025. Its core business is project development of onshore wind and photovoltaic parks, battery storage solutions, their operational management as well as the operation of its own assets as a growing independent power producer. VSB operates in six European countries and has a pipeline of more than 18 GW. Since 1996, it has installed more than 750 wind energy and photovoltaic plants. VSB also provides services for a portfolio of more than 3 GW and is active in the field of e-mobility for freight transport. With its affiliated companies, the Group employs over 500 people. Further information: www.vsb.energy