



VSB combines repowering and hybridisation in the Löberitz project to accelerate expansion in Europe

Dresden, 20 March 2026 – With today’s groundbreaking ceremony for the Löberitz wind farm in Saxony-Anhalt, the VSB Group is consistently advancing its European growth strategy: repowering existing sites combined with hybrid generation structures at a shared grid connection point.

The project replaces five existing turbines with three wind turbines of the type Vestas V172-7.2. Installed capacity will increase from 4.25 MW to 21.6 MW. The expected annual energy yield is around 65.7 GWh – almost a tenfold increase compared to previous electricity production. Commissioning is scheduled for 2027.

“Repowering is one of the most efficient levers for accelerating the expansion of renewable energy in Europe,” says **Dr Felix Grolman, CEO of the VSB Group**. “Against the backdrop of the EU Green Deal and REPowerEU, the focus is on additional capacity as well as energy security and resilience. By modernising existing sites, we significantly increase electricity production while making optimal use of existing grid infrastructure.”

Thomas Winkler, Managing Director of VSB Germany, adds: “Löberitz is exemplary of our strategic approach in Germany: around half of our German project pipeline is based on repowering. The further development of existing sites is the most efficient way to achieve national and European expansion targets. Combined with photovoltaics and storage, this creates a powerful, future-proof and integrated energy system.”

Hybrid concept as the next stage of development

The wind farm is part of the Löberitz hybrid park, which combines wind and solar energy at a shared grid connection point. In addition to a ground-mounted photovoltaic installation with a capacity of 19.99 MWp, a battery energy storage system (BESS) is planned for the future.

Combining complementary generation profiles increases utilisation of the grid connection point, smooths the feed-in profile and facilitates the integration of renewable energy into the electricity system. Hybrid projects are therefore considered the next stage in the development of renewable energy: by intelligently combining multiple technologies, infrastructure can be used more efficiently, supply can be stabilised and energy autonomy strengthened.

European context

The Löberitz repowering wind farm is part of the VSB Group’s project pipeline of more than 20 gigawatts. In 2025, the company commissioned one of Europe’s largest repowering projects with the Elster wind farm: 16 modern turbines replaced 50 old turbines, achieving more than six times the energy yield. At the same time, VSB is developing a 303 MWp photovoltaic park with battery storage in Poland, which is planned to be complemented by a wind component in the future.

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Fact box: Existing turbines vs. new turbines

	Existing turbines – planned dismantling in spring 2026	Repowering Wind Farm Löberitz – planned commissioning 2027
Number of turbines	5	3
Type	Vestas V52	Vestas V172-7.2
Commissioning	2003	2027
Capacity per turbine	0.85 MW	7.2 MW
Total installed capacity	4.25 MW	21.5 MW
Annual energy yield	6.44 GWh	65.7 GWh
Hub height	74 m	175 m
Blade length	26 m	86 m
Total height (blade tip)	100 m	261 m

Press release and image material for download

<https://vsb.canto.global/b/SF309> > Photos of the groundbreaking ceremony will be available via the link from 13:45 CET on 20 March 2026.

Further information on the Löberitz repowering wind farm

<https://www.vsb.energy/de/en/projekte/hybridpark-loeberitz/>

About VSB Group

VSB, headquartered in Dresden, is one of Europe's leading vertically integrated developers in the field of renewable energy. The company has been 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 20 GW. Since 1996, it has developed 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