



Sofia s first integrated wind power and energy storage

How many turbines are in the Sofia offshore wind farm?

The Sofia Offshore Wind Farm will comprise 100 Siemens Gamesa 14MW turbines, making it one of the largest single offshore wind farms in the world. RWE announced that the first turbine has been successfully installed at its Sofia Offshore Wind Farm.

Will Sofia Wind Farm achieve clean power by 2030?

Energy Minister Michael Shanks said: "It is great to see this exciting milestone reached for the Sofia offshore wind farm. Today takes us a step closer to achieving our mission for clean power by 2030, with over a million homes expected to be powered by the cutting-edge turbines of Sofia wind farm.

What is Sofia & why is it a big leap?

Sofia represents a giant leap for the company; located 195 km off the UK's north eastern coast on Dogger Bank in the North Sea, the project will be the first to install the company's flagship 14 MW Direct Drive offshore wind turbine.

How big is the SOFIA project?

At 593 square kilometres, the Sofia project will also cover an area greater than that of the Isle of Man and will utilise the evolutionary technology of the SG 14-222 DD offshore wind turbine commercially for the first time anywhere in the world.

Which wind turbine blades are used at Sofia?

The B108 blades being used at Sofia are more than six times longer than the first offshore wind turbine blades ever installed, namely the 16-meter long blades used at Vindeby in Denmark in 1991.

When will the SOFIA project start?

Offshore construction works for the Sofia project will start in 2023 with turbine installation set to commence in 2025.

Why Sofia Energy Storage is Making Headlines Ever wondered what happens to solar power when the sun clocks out? That's where the Sofia Energy Storage Projects come in - they're ...

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RWE, one of the world's leading offshore wind companies, is celebrating significant progress in the construction of its 1.4 gigawatts (GW) Sofia offshore wind farm located on the ...

That's where the Sofia Energy Storage Projects come in - they're basically the Swiss Army knives of the renewable energy world. These grid-scale battery systems are solving one of the clean ...

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Sofia represents a giant leap for the company; located 195 km off the UK's north eastern coast on Dogger Bank in the North Sea, the project will be the first to install the ...

Sofia Offshore Wind Farm is located on Dogger Bank, 195 kilometres from the nearest point on the UK's north east coast, and will have a single offshore converter platform, ...

This isn't just another wind farm--it's a bold statement in the global energy transition, blending cutting-edge tech, sustainability, and economic muscle. With key construction milestones ...

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