

# Sofia s first wind power storage integration



## Overview

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The project is the first offshore wind farm in the world to install recyclable turbine blades at scale. Manufactured by Siemens Gamesa, the blades are made with a specially developed resin that allows the components to be separated and recycled at the end of their lifecycle. Installation of the first turbines due to start imminently with first power to follow.

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### [First Wind Turbine Up at Sofia Offshore Wind Farm Where Half of ...](#)

The first wind turbine has been installed at the Sofia offshore wind farm in the UK. The 1.4 GW project, developed by RWE, will comprise 100 Siemens Gamesa 14 MW turbines, half of ...

### [RWE begins installation of 100 wind turbines in Sofia](#)

To date, more than half of the wind turbine foundations have been installed, along with the offshore converter station and onshore substation. Furthermore, both onshore and offshore ...



### DETAILS AND PACKAGING



- 1 USER MANUAL PDF
- 2 RJ45 Cable For RS485/CAN
- 3 Battery in Parallel Cables
- 4 RJ45 TO USB Monitor Cable
- 5 M8 Terminal\*4

### [RWE celebrates next milestone for Sofia offshore wind farm, with](#)

Turbine installation vessel Wind Peak will install all Sofia's turbines, carrying components for six turbines per sail-out. Half of the turbine blades on the Sofia project are recyclable.

### [RWE's 1.4-GW Sofia offshore wind farm installs 1st turbine](#)

The wind park is scheduled to be fully operational in the second half of 2026. All of the turbines will be installed by Cadeler's installation vessel Wind Peak, which will carry and install six ...



### [All 100 Foundations in Place for 1.4GW Sofia](#)

Once operational, its 100 Siemens Gamesa 14MW turbines, standing 252 meters tall, will generate enough electricity to power approximately 1.2 million typical UK homes. Notably, half of the ...



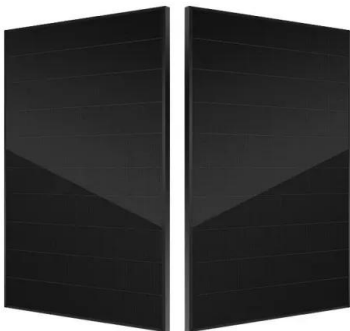
### [The Green Energy Revolution: How RWE's Sofia Offshore Wind Farm...](#)

"Sofia will be the first UK wind farm to feature this innovation, proving that green energy can be both powerful and sustainable." With over half of Sofia's offshore foundations installed, and ...



### [50 turbines installed at Sofia Offshore Wind Farm](#)

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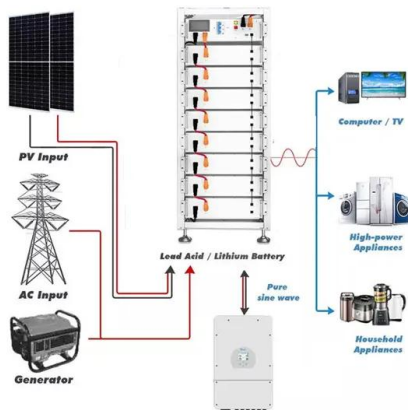
[RWE marks major construction milestones at Sofia offshore wind ...](#)

This is a major landmark moment: Sofia, one of the largest offshore wind farms in the world, will be the first in UK waters to feature this industry-leading innovation."



[RWE marks major construction milestones at Sofia offshore wind farm](#)

Project sees arrival of brand-new turbine installation vessel, first turbine load-out and completion of Sofia's first recyclable blades at Siemens Gamesa in Hull.



[Installation of first turbine for Sofia OWF](#)

RWE announced that the first turbine has been successfully installed at its Sofia Offshore Wind Farm.



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