

# **Sophia Island Power Ground Base Station**





## Overview

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How will Sofia's power be transmitted?

The power produced by Sofia will be transmitted by offshore cables that arrive on land at a site between Redcar and Marske-by-the-Sea. Each offshore cable connects to an onshore buried cable that runs seven kilometres to a new converter station, currently approaching completion on a site adjacent to the Wilton Complex.

What is Sofia offshore wind farm?

Sofia Offshore Wind Farm is one of the four Dogger Bank projects that were awarded consent in 2015. Formerly known as Dogger Bank Teesside B, the entire project was taken over by innogy (now RWE) in August 2017 and subsequently renamed Sofia Offshore Wind Farm.

What's happening at Sofia offshore wind farm in 2025?

The year ahead will bring challenges, but 2025 will see Sofia Offshore Wind Farm increase activity on both our onshore and offshore converter assets. We're also excited to soon welcome the turbine installation vessel, the Wind Peak, which will begin installing turbines in the spring.

Will Sofia be RWE's most state-of-the-art offshore wind farm?

Matthew Archer, Site Manager for Sofia Onshore Converter Station said: "Sofia will be RWE's most state-of-the-art offshore wind farm yet and a major addition to our growing portfolio of renewable energy assets." "Work on the station at Wilton continues at pace, and the arrival of these transformers is an important moment for the project."



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### [Sofia Offshore Wind Farm , RWE in the UK](#)

Sofia is not just one of the largest offshore wind farms in the world - it is setting new standards for sustainability and innovation. It is the UK's first offshore wind project to use recyclable rotor ...

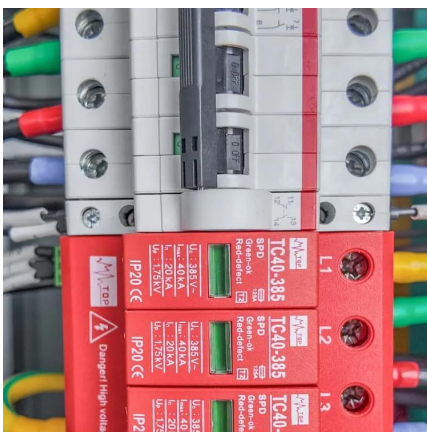
### [Progress made at sea and on land in 2024](#)

Dec 21, 2024 · Our latest film looks back on the progress we have made on Sofia Offshore Wind Farm throughout 2024. To celebrate Sofia Offshore Wind Farm's achievements over the past ...



### [Sofia and Dogger Bank Wind Farm projects ...](#)

Oct 26, 2023 · Sofia and Dogger Bank C's contractors GE and Hitachi Energy are currently working on the two projects' respective onshore ...



## Sofia Iztok power station

5 days ago · Sofia Iztok power station is an operating power station of at least 167-megawatts (MW) in Sofia City, Sofia, Bulgaria with multiple units, some of which are not currently ...





### Sofia substation installation completed

Aug 30, 2024 · Heerema has completed the installation of the offshore substation for the 1400 MW Sofia Offshore Wind Farm off the UK coast.



### Sofia energy storage power station progress

Siemens Gamesa Renewable Energy (SGRE) will manufacture, fabricate and install Sofia's 100 wind turbines. GE's Grid Solutions will be responsible for the engineering, procurement, ...



### First turbine foundation installed at 1.4 GW ...

May 21, 2024 · RWE has taken a significant step forward in delivering its flagship Sofia Offshore Wind farm with the installation of the project's first ...





## Onshore Construction

The power produced by Sofia will be transmitted by offshore cables that arrive on land at a site between Redcar and Marske-by-the-Sea. Each ...

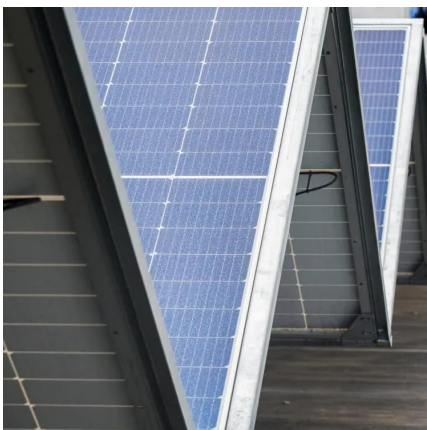


## Onshore Construction

The power produced by Sofia will be transmitted by offshore cables that arrive on land at a site between Redcar and Marske-by-the-Sea. Each offshore cable connects to an onshore buried ...

## Sofia and Dogger Bank Wind Farm projects confirm converter station

Oct 26, 2023 · Sofia and Dogger Bank C's contractors GE and Hitachi Energy are currently working on the two projects' respective onshore converter stations (OCS), that will convert ...



## [Sofia substation installation completed. Transformer Magazine](#)

Aug 30, 2024 · Heerema has completed the installation of the offshore substation for the 1400 MW Sofia Offshore Wind Farm off the UK coast.



## RWE marks major construction milestones at Sofia offshore ...

Mar 17, 2025 · Wind power project sees arrival of brand-new wind turbine installation vessel, first wind turbine load-out and completion of Sofia's first recyclable blades at Siemens Gamesa in ...



## First turbine foundation installed at 1.4 GW Sofia array

May 21, 2024 · RWE has taken a significant step forward in delivering its flagship Sofia Offshore Wind farm with the installation of the project's first turbine foundation. With a capacity of 1.4 ...

## **Sofia power station**

1 day ago · Sofia power station is an operating power station of at least 75-megawatts (MW) in Sofia City, Sofia, Bulgaria with multiple units, some of which are not currently operating.



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