

# **Huawei Middle East Environmental Protection Energy Storage Project**





## Overview

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Will Huawei fusion solar power Red Sea city's off-grid energy needs?

Huawei's FusionSolar Smart String Energy Storage Solution will power the Red Sea City's off-grid, clean energy needs. The Red Sea Project, a key part of SaudiVision2030, is now the world's largest microgrid with 1.3GWh storage capacity.

Why is Huawei involved in the Red Sea project?

Huawei's involvement in the Red Sea Project underscores its commitment to sustainability, technological expertise, and collaboration. "The Red Sea Project provides an unparalleled opportunity to demonstrate this commitment and showcase our industry-leading innovation and technology," said Xing. "It's a blueprint for sustainable cities.

What is Huawei doing to protect the environment?

At the webinar, Huawei showcased its technological innovations and achievements in environmental protection to global audiences. Huawei has continued to invest in new technologies, guided by the strategy of reducing carbon emissions, increasing the use of renewable energy, promoting the circular economy, and conserving nature with technology.

What is Huawei fusionsolar smart string ESS?

Subscribe to The Week in Huawei. As a cornerstone of SaudiVision2030, the Red Sea Project now stands as the world's largest microgrid energy storage project, with a storage capacity of 1.3GWh. Utilizing Huawei FusionSolar Smart String ESS solution, this groundbreaking project is redefining renewable energy infrastructure.



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### 1300 MWh! Huawei Wins Contract for the World's Largest Energy Storage

Oct 19, 2021 · At the summit, Huawei Digital Power signed a key contract with SEPCOIII for the Red Sea Project with 400 MW PV plus 1300 MWh battery energy storage solution (BESS), ...

### [Saudi Arabia Red Sea Project](#)

As a cornerstone of SaudiVision2030, the Red Sea Project now stands as the world's largest microgrid energy storage project, with a storage capacity of 1.3GWh. Utilizing Huawei ...



### [Saudi: Huawei to power 'world's 1st fully clean-energy ...](#)

Aug 19, 2024 · World's largest solar microgrid to power Saudi Arabia' Red Sea Project Huawei's FusionSolar Smart String Energy Storage Solution will power the Red Sea City's off-grid, clean ...

### [Huawei FusionSolar builds Red Sea Project, ...](#)

Jun 13, 2024 · Saudi Arabia's Red Sea Project is poised to be the world's first fully clean energy-powered destination! Huawei has been instrumental in ...





### [Huawei signs 1,300MWh solar-charged ...](#)

Nov 10, 2021 · SEPCO III and Huawei Digital Power signed the contract at Huawei's Dubai summit last week. Image: Huawei. Huawei Digital Power ...



### [Huawei to Power the World's Largest Energy Storage Project](#)

1 day ago · Chen Guoguang, Chief Operating Officer of Huawei Digital Power and President of Huawei Smart PV, said that the significance of this project as an industry benchmark is ...



### [Saudi Arabia Red Sea Project](#)

As a cornerstone of SaudiVision2030, the Red Sea Project now stands as the world's largest microgrid energy storage project, with a storage ...



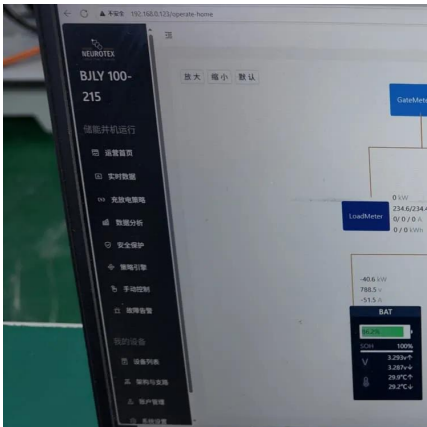
## Huawei Strengthens Global Push in Grid-Forming Energy Storage ...

Jul 8, 2025 · A Landmark Project in the Middle East One of Huawei's most prominent successes in this space is its grid-forming ESS deployment in the Middle East, specifically at the ...



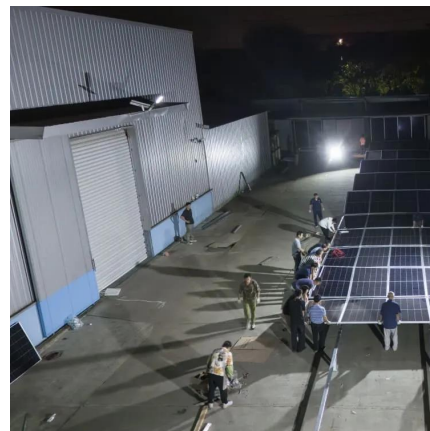
## [Huawei wins contract for 1300 MWh storage ...](#)

Oct 19, 2021 · The 1300 MWh off-grid energy storage project is the largest of its kind in the world according to Huawei. The two parties will cooperate ...



## Huawei FusionSolar builds Red Sea Project, world's first city ...

Jun 13, 2024 · Saudi Arabia's Red Sea Project is poised to be the world's first fully clean energy-powered destination! Huawei has been instrumental in this sustainable initiative, constructing ...



## [Huawei Strengthens Global Push in Grid ...](#)

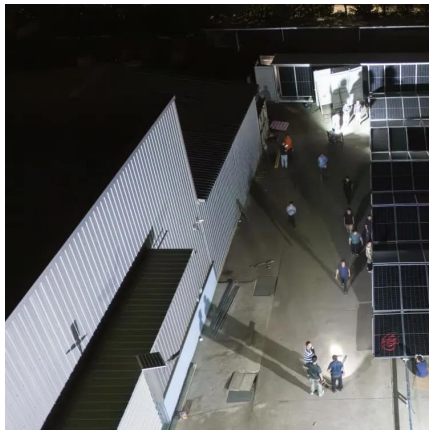
Jul 8, 2025 · A Landmark Project in the Middle East One of Huawei's most prominent successes in this space is its grid-forming ESS deployment in ...





### [Huawei signs 1,300MWh solar-charged battery contract for ...](#)

Nov 10, 2021 · SEPCO III and Huawei Digital Power signed the contract at Huawei's Dubai summit last week. Image: Huawei. Huawei Digital Power has said it will supply battery energy ...

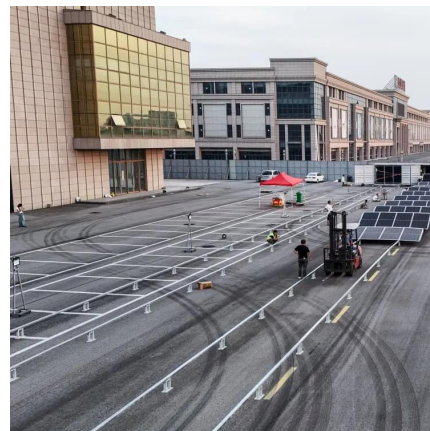


### **Huawei Wins World's Largest Energy Storage Project Contract in Middle East**

Sep 20, 2023 · The project will install a 400 megawatt (MW) photovoltaic system along with a 1300 megawatt-hour (MWh) battery energy storage solution (BESS) on the coast of the Red ...

### [Huawei wins contract for 1300 MWh storage project](#)

Oct 19, 2021 · The 1300 MWh off-grid energy storage project is the largest of its kind in the world according to Huawei. The two parties will cooperate to help Saudi Arabia build a global clean ...



### [Huawei Secures Contract for 1300MWh Saudi ...](#)

Oct 26, 2021 · The Dubai Electricity and Water Authority (DEWA) is another example of a utility based in the Middle East that is leveraging energy ...





## Huawei Secures Contract for 1300MWh Saudi Battery Storage Project

Oct 26, 2021 · The Dubai Electricity and Water Authority (DEWA) is another example of a utility based in the Middle East that is leveraging energy storage to diversify its energy mix and ...



## [Saudi: Huawei to power 'world's 1st fully](#)

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Aug 19, 2024 · World's largest solar microgrid to power Saudi Arabia's Red Sea Project Huawei's FusionSolar Smart String Energy Storage Solution

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