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South Sudan has outdoor communication power supply BESS



Overview

A public-private partnership in South Sudan has launched the country's first major solar power plant and Battery Energy Storage System (BESS) in the capital Juba, where it is expected to provide electricity to thousands of homes. Does South Sudan have a solar power project?

South Sudan has taken a significant step toward renewable energy with the launch of its first major solar power project. The Ezra Group, a leading business conglomerate, has successfully developed and financed a 20-megawatt (MW) solar power plant along with a 14-megawatt-hour (MWh) Battery Energy Storage System (BESS).

Why should South Sudan invest in solar power?

By investing in solar power and battery storage technology, the country is making a decisive move toward energy independence, economic growth, and a sustainable future for its people. South Sudan has taken a significant step toward renewable energy with the launch of its first large-scale solar power project.

Does South Sudan have a solar-plus-battery storage project?

Key Figures & Findings: South Sudan is embarking on a significant renewable energy transformation, with a new solar-plus-battery storage (BESS) project to address the country's alarmingly low energy access.

What is South Sudan's solar-BESS project?

Insights: South Sudan's solar-BESS project is designed to address its status as one of the least electrified countries globally. The initiative is expected to significantly expand the grid's reach while reducing reliance on expensive and polluting diesel power, setting a foundation for long-term economic and social benefits.

Why is South Sudan struggling to provide electricity to its citizens?

According to a 2024 sciencedirect.com report, South Sudan struggles to provide its citizens access to electricity despite having abundant energy resources, particularly fossil fuels.

Why is SSEC a success in South Sudan?

The success of this project is largely due to the strategic collaboration with key partners, including the South Sudan Electricity Corporation (SSEC) and the Ministry of Energy and Dams, which oversee electricity generation, transmission, and distribution across the country.

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