



# South Sudan Power Storage Project

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 & battery storage?

This project marks a significant achievement for South Sudan, reinforcing its commitment to renewable energy and environmental responsibility. 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.

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.

Why is South Sudan launching a 20 MW solar power facility?

The inauguration of the 20 MW solar power facility in Gondokoro signifies a monumental leap forward for South Sudan's renewable energy sector. With this project, South Sudan becomes one of the few nations in Africa to harness solar energy on such a scale, showcasing its potential for sustainable development.

What projects are underway in South Sudan?

Plans are already underway for other projects like the government-owned Nisitu Solar Plant which will complement existing structures and enhance overall grid reliability. Ezra Construction & Development Group is dedicated to expanding renewable energy solutions across South Sudan.

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.

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 ...

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upply to power systems, regardless of weather conditions. Ene h storage system near the South Sudanese capital of Juba. The project will serve the s 20 MWp PV plant and 35 MWh sto Ezra ...

Built on a 25-hectare piece of land near Nesitu County, approximately 20km from Juba, the future photovoltaic solar power plant will consist of a 20MWp solar photovoltaic park, ...

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