

# South sudan s energy storage installed capacity in 2025

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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 a solar power plant in South Sudan?

**Image:** The recently launched 20MW solar energy plant in South Sudan. Credit: Ezra Group 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.

Can solar power improve South Sudan's Energy Infrastructure?

**Future Implications:** Integrating solar and storage solutions could stabilize South Sudan's energy infrastructure, creating a model for renewable energy adoption in other energy-deprived regions. South Sudan launches solar-BESS project to expand grid access, replacing diesel generators and boosting energy for underserved regions.

Where can I find information about energy in South Sudan?

Find relevant data on energy production, total primary energy supply, electricity consumption and CO2 emissions for South Sudan on the IEA homepage. Find relevant information for South Sudan on energy access (access to electricity, access to clean cooking, renewable energy and energy efficiency) on the Tracking SDG7 homepage.

Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.

Elsewedy Electric has signed a contract with South Sudan's Ministry of Energy and Dams to construct hybrid solar and storage system valued at approximately \$45 million.

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About 130 MW of South Sudan's installed power capacity will be operational by 2025, a portion of which will be used to power the nation's numerous oil fields.

Find an overview of the electrification investment scenarios (2025 and 2030) for South Sudan on the Global

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Electrification Platform (GEP). Find relevant information on the regulations and South Sudan's ...

South Sudan have potential for renewable energy development (Table 1). The level of global horizontal solar radiation in most of the country is quite high and has a value of 5.5-6.0 ...

A public-private partnership in South Sudan has launched the country's first major solar power plant and Battery Energy Storage System ...

Ezra Group, a South Sudan family-run conglomerate, on Monday announced the launch of a 20-MW solar power plant with a 14-MWh battery energy storage system in South ...

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