

# South Sudan General Energy Storage Power Service





## Overview

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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 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.

How much power can a 20MW solar plant produce in Juba?

The 20MW solar plant can generate sufficient power to supply electricity to up to 16,000 households in Juba, significantly reducing energy costs and bolstering grid reliability, said the project's developer.



## South Sudan General Energy Storage Power Service

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### [South Sudan: First major solar energy, BESS plant launched](#)

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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### [South Sudan Launches First Solar Power Plant ...](#)

South Sudan has launched its first solar power plant with battery storage. The 20-megawatt (MW) solar plant and the 14-megawatt-hour (MWh) Battery Energy Storage System (BESS) were developed by a ...

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### [South sudan power and energy storage](#)

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 ...

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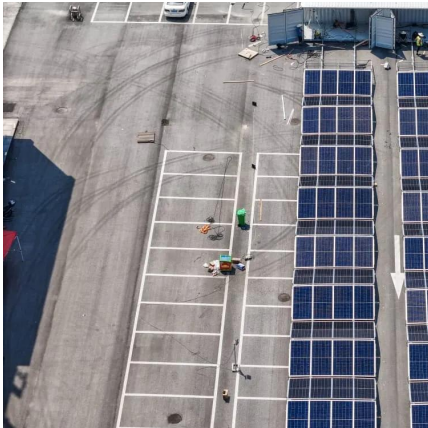
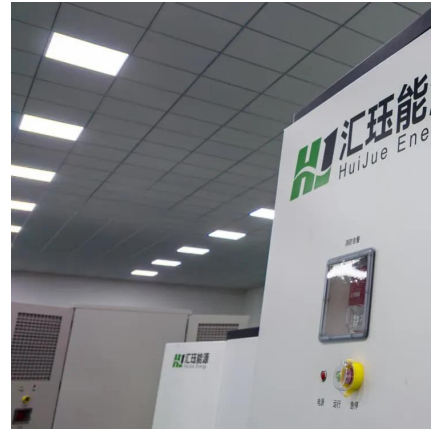


### [South Sudan launches first solar plant with battery storage](#)

Ezra Group, a South Sudanese family-run conglomerate, last month announced the launch of South Sudan's first major renewable energy project. The 20 MW solar PV plant, ...



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## 20MW solar with 14-Megawatt (MWh) BESS commissioned in South Sudan

The Ezra Group has commissioned a 20MW solar power plant with a 14-Megawatt (MWh) Battery Energy Storage System (BESS) in South Sudan. The project was developed ...

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## [Ezra Group Launches 20 MW Solar Power](#)

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## ENERGY PROFILE South Sudan

Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area ...

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## South Sudan launches solar energy

Ezra Group, a prominent business conglomerate, proudly unveiled its 20MW solar power plant and 14-Megawatt (MWh) Battery Energy Storage System (BESS) in South Sudan ...

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## [South Sudan launches first solar plant with ...](#)

Ezra Group, a South Sudanese family-run conglomerate, last month announced the launch of South Sudan's first major renewable energy project. The 20 MW solar PV plant, located in Juba, the capital city, will ...

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## [South Sudan Launches First Solar Power Plant with BESS](#)

South Sudan has launched its first solar power plant with battery storage. The 20-megawatt (MW) solar plant and the 14-megawatt-hour (MWh) Battery Energy Storage System ...

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## Ezra Group Powers Ahead with Renewable Energy in South Sudan

South Sudan celebrates its first major renewable energy project, marking a milestone in the country's transition to sustainable power. The Ezra Group, a leading business ...

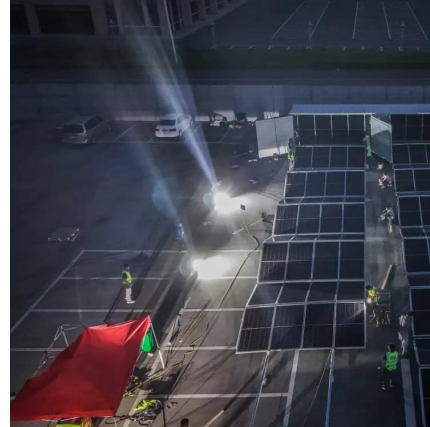
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## [Ezra Group Powers Ahead with Renewable ...](#)

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## [Ezra Group switches on South Sudan's first ...](#)

South Sudanese company, Ezra Group, has announced the successful launch of the 20 megawatt (MW) solar power plant and the 14 megawatt (MWh) Battery Energy Storage System (BESS) in South ...

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## [Ezra Group Launches 20 MW Solar Power Project With 14 ...](#)

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## **Ezra Group switches on South Sudan's first solar power plant**

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