



MODERNIZATION SOLAR

# Bess system for solar factory in Sudan





## Overview

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Does South Sudan have a large-scale solar power project?

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

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.

Does South Sudan need a new solar power plant?

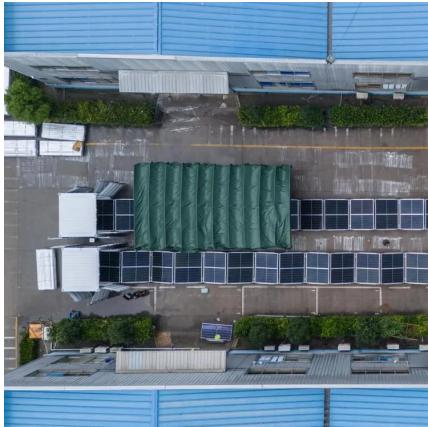
The new solar plant now accounts for 19% of JEDCO's total electricity distribution, complementing existing thermal power plants. However, the long-term success of renewable energy in South Sudan will require additional sources of clean energy.

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.



## Bess system for solar factory in Sudan



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

Jan 27, 2025 · 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 ...

### [Hybrid Solar Plant Launched In South Sudan](#)

Feb 14, 2025 · South Sudan's energy ministry has presided over the launch ceremony of a 20MW solar photovoltaic (PV) power plant and 14MWh ...



### [Ezra Group Powers Ahead with Renewable Energy in South Sudan](#)

Jan 28, 2025 · Juba - South Sudan celebrates its first major renewable energy project, marking a milestone in its transition to sustainable power. The Ezra Group, a leading business ...

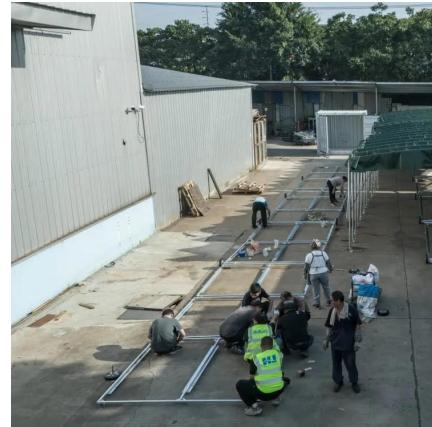


### [Hybrid Solar Plant Launched In South Sudan , ConstructAfrica](#)

Feb 14, 2025 · South Sudan's energy ministry has presided over the launch ceremony of a 20MW solar photovoltaic (PV) power plant and 14MWh battery energy storage system (BESS) in



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## **South Sudan's Milestone in Renewable Energy: First Major Solar**

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Feb 12, 2025 · South Sudan has taken a significant step toward renewable energy with the launch of its first large-scale solar power project. The Ezra Group, a prominent business ...

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Jan 28, 2025 · Juba - South Sudan celebrates its first major renewable energy project, marking a milestone in its transition to sustainable power.

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### [Solar Project Brings Power to South Sudan](#)

Jan 28, 2025 · Insights: South Sudan's solar-BESS project is designed to address its status as one of the least electrified countries globally. The ...



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

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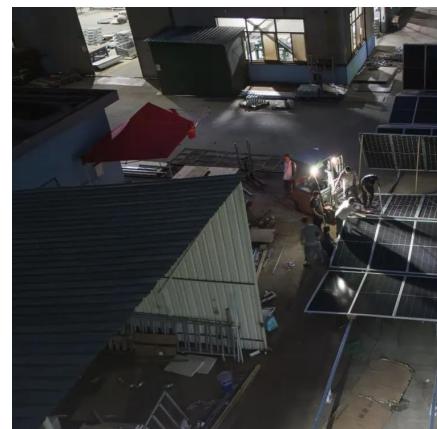


## [South Sudan launches solar energy](#)

Jan 28, 2025 · 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 ...

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

Jan 29, 2025 · 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 ...



## [Powering a Solar Factory in Sudan: Off-Grid & Hybrid Guide](#)

Oct 9, 2025 · Facing grid instability for your solar factory in Sudan? Discover how off-grid and hybrid power solutions can ensure reliable energy and boost profitability.



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

Jan 28, 2025 · 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 ...



## South Sudan Launches First Solar Power Plant ...

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## Solar Project Brings Power to South Sudan

Jan 28, 2025 · 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 ...



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

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