



LLSE CONTAINERS

# Research station uses 15MWh solar container from South Sudan





## 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).

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.

Can solar power solve energy poverty in South Sudan?

Because South Sudan is still in the beginning stages of their infrastructural development, there is a rare opportunity to move forward and address the issue of energy poverty by building sustainable models of electrification, like solar power, without having to dismantle an already existing energy foundation.



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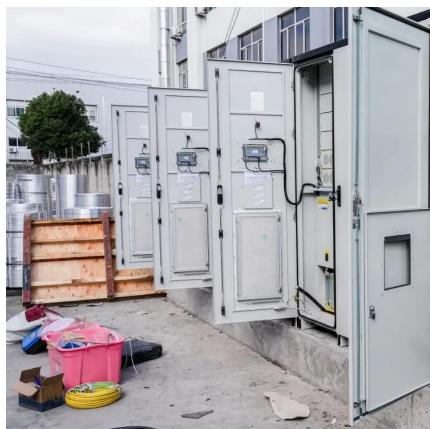


### [South Sudan: First major solar energy, BESS plant launched](#)

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 ...

### [Juba Mobile Energy Storage System Project Powering South Sudan ...](#)

In South Sudan's energy-starved landscape, the Juba Mobile Energy Storage System Project emerges as a game-changer. This innovative solution tackles chronic power shortages while ...



### [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 ...



## A Bright Future for Renewable Energy in South Sudan

Dec 4, 2024 · Since 2020, Rainmaker Enterprise has made serious strides toward expanding locally-driven, solar-powered water security, increasing environmental resilience and ...

## 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 Project With 14 ...

Feb 10, 2025 · 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 ...



## Renewable energy: A way out for South Sudan's electricity ...

South Sudan is one of the least electrified countries in the world, despite having abundant renewable energy resources that could be exploited to generate electricity. The country relies ...



## Solar park of 20 MW plus battery opens in South Sudan

Jan 27, 2025 · 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

...



## South Sudan Renewable Energy Potentials

Solar PV Systems South Sudan is endowed with high solar PV potential boasting more than 10 hours of daily sunshine - approximately solar radiation of 5.5 - 6.0 Kwh/m 2 /day year-round. ...

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