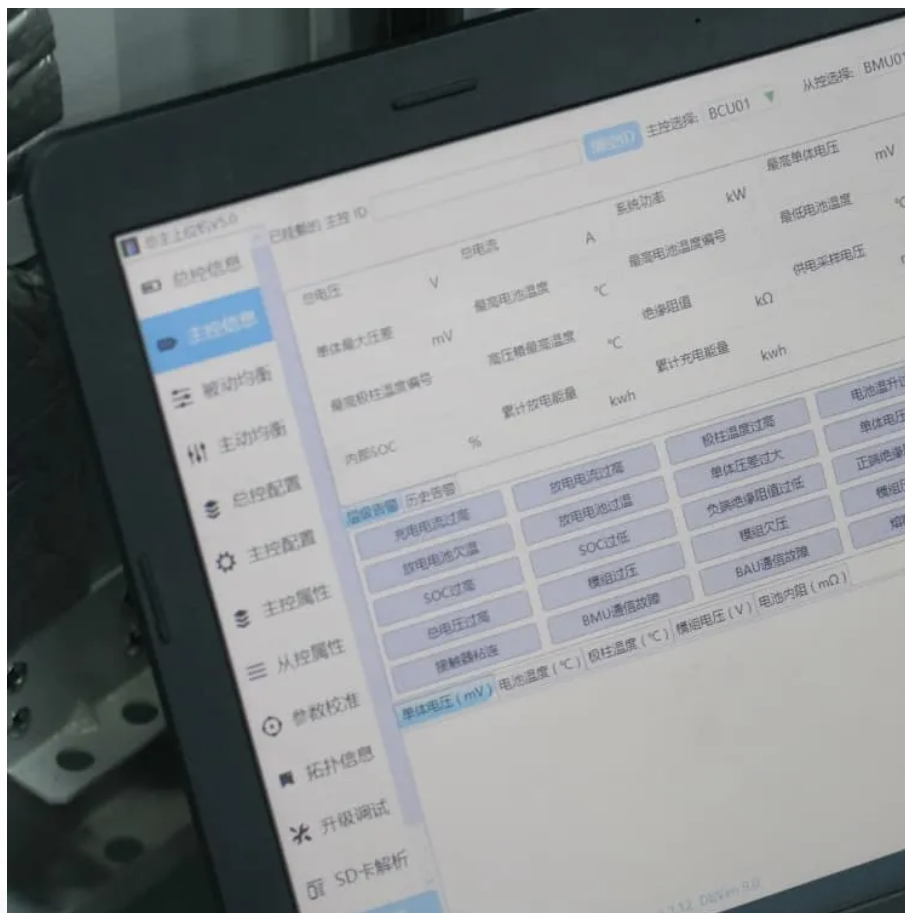


South Sudan energy storage project joins





Overview

The 20 MW solar PV plant, located in Juba, the capital city, will have a 14 MWh battery energy storage system & will connect 16,000 households in the world's least electrified country. This project marks South Sudan's first public-private partnership (PPP) in the renewable energy sector. 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.

How does South Sudan produce energy?

Most of the country's current energy production comes from generators that burn imported diesel, a costly method both economically and environmentally. According to the World Bank, only 8.4% of the population had reliable access to power and electricity in 2022, leaving the door wide open to produce much-needed renewable energy in South Sudan.

Can solar power solve energy poverty in South Sudan?



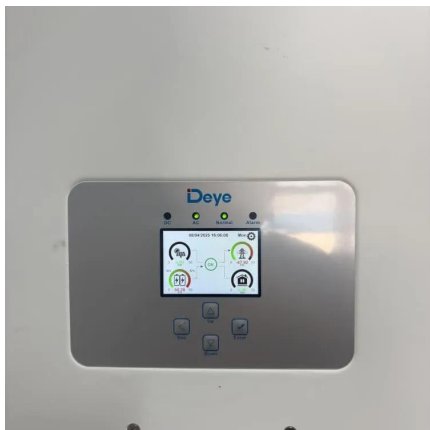
Because South Sudan is still in the beginning stages of their infrastructural development, there is a rare opportunity to move forward and address the issue of energy poverty by building sustainable models of electrification, like solar power, without having to dismantle an already existing energy foundation.

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.



South Sudan energy storage project joins



[South Sudan Investment Group Energy Storage Project](#)

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 ...

[Asunim & i-kWh Joins Elsewedy Electric on a Utility Scale PV + Storage](#)

Asunim & i-kWh Joins Elsewedy Electric on a Utility Scale PV + Storage Project In South Sudan. It will be one of the largest storage projects implemented in the African continent and a ...



[ASUNIM & I-KWH JOINS ELSEWEDY ELECTRIC ON A UTILITY SCALE PV + STORAGE](#)

Elsewedy Electric T& D (EETD) were recently awarded for building 20MWp PV with 35MWh storage in Juba, South Sudan. Asunim and I-kWh formed a consulting consortium ...



[Asunim & i-kWh Joins Elsewedy Electric on a Utility Scale PV + Storage](#)

Asunim & i-kWh Joins Elsewedy Electric on a Utility Scale PV + Storage Project In South Sudan. It will be one of the largest storage



projects implemented in the African continent
and a first for ...



ASUNIM & I-KWH JOINS ELSEWEDY ELECTRIC ON A UTILITY SCALE PV + STORAGE

Both Asunim and I-kWh have extensive
experience on their field, implementing well-
performing PV systems and utility scale
electricity storage systems. The project will ...

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