



South Sudan s largest energy storage power station

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.

How will solar power help South Sudan?

By integrating renewable energy into the national grid, the initiative supports South Sudan's environmental sustainability goals while making electricity more affordable and accessible for the local population. The 20 MW solar plant will generate enough electricity to power approximately 16,000 households in Juba.

What makes up the power sector in South Sudan?

The power sector in South Sudan consists of a mix of public and private sector service providers that engage in electricity generation, transmission, and distribution enterprises. Encouragement is given for the development of electricity through renewable power sources, such as hydro, wind, biomass, solar, and geothermal.

What is the main source of energy in South Sudan?

In South Sudan, over 96% depend on firewood or charcoal as their primary source of energy for cooking. While the country has abundant natural resources, it is heavily dependent on oil for its economy.

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.

What does Ezra group do for South Sudan?

With a strong focus on sustainability and cost reduction, Ezra Group aims to support the country's transition to a greener future. This project is a major achievement for South Sudan, signaling the country's commitment to renewable energy and environmental responsibility.



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