



MODERNIZATION SOLAR

Is South Sudan powered by solar energy





Overview

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).

Why should South Sudan invest in solar power?

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. South Sudan has taken a significant step toward renewable energy with the launch of its first large-scale solar power project.

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.

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.



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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 ...



[A Bright Future for Renewable Energy in South Sudan](#)

Dec 4, 2024 · Looking Ahead South Sudan is at a crossroads in terms of its ability to electrify the nation. Looking forward, the path toward clean, renewable energy is both cost-effective and ...



[South Sudan: Energy Country Profile](#)

South Sudan: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page ...

Sudd Green Energy

Sudd Green Energy (SGE) is aims to revolutionize the way rural communities and individuals in South Sudan achieve energy independence through sustainable solar energy, solar hydro ...



[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/m² /day year-round. ...



[South Sudan's Milestone in Renewable Energy: First Major Solar](#)

...

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 ...



South Sudan Launches First 20-Megawatt Solar Power Plant

Apr 1, 2025 · South Sudan marks a new era in sustainable energy with its first 20-megawatt solar plant, built in partnership with Egypt. Learn how this milestone boosts energy security.



ENERGY PROFILE South Sudan

Indicators of renewable resource potential Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity ...

South Sudan's Milestone in Renewable ...

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 ...



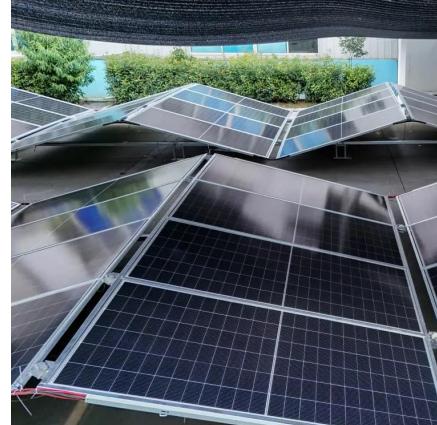
Solar Project Brings Power to South Sudan

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 ...



[South Sudan launches solar energy](#)

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[South Sudan Launches First 20-Megawatt ...](#)

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