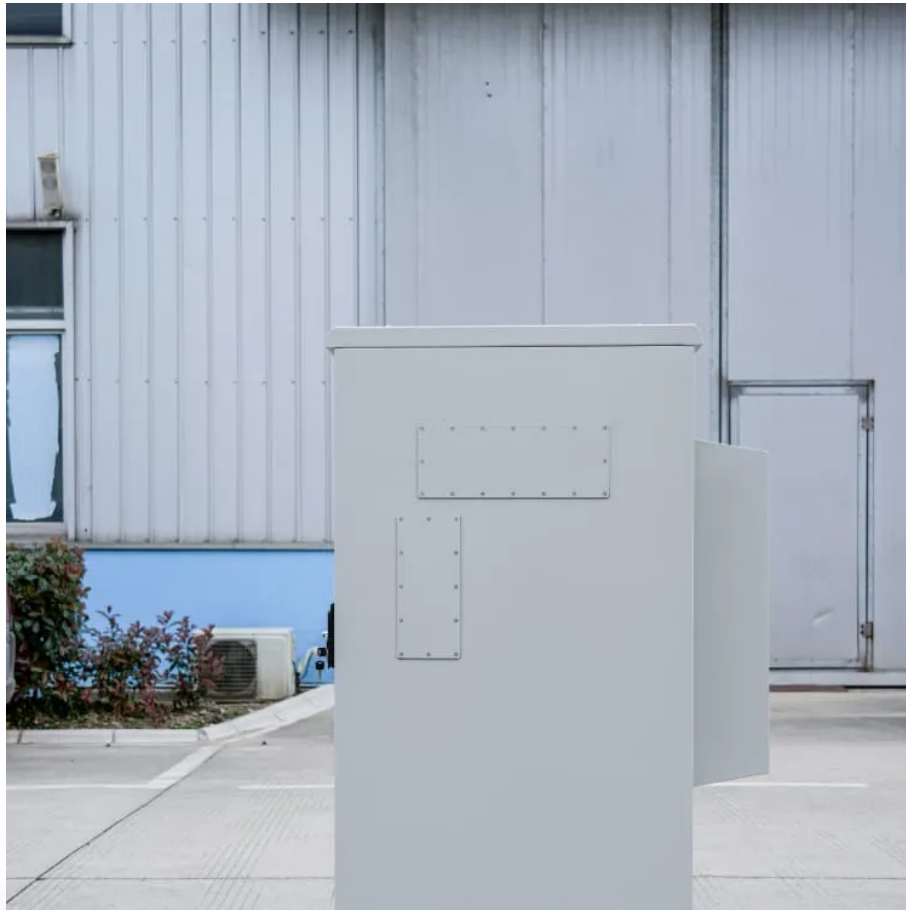


Juba Battery Energy Storage Project





Overview

How much power can a 20MW solar plant produce in Juba?

The 20MW solar plant can generate sufficient power to supply electricity to up to 16,000 households in Juba, significantly reducing energy costs and bolstering grid reliability, said the project's developer.

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 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).

Who distributes electricity in Juba?

The Juba Electricity Distribution Company (JEDCO), a public-private partnership between Ezra Group and SSEC, is responsible for distributing electricity to the public in Juba. JEDCO receives bulk energy from Ezra Construction & Development Group and distributes it across the region.



Juba Battery Energy Storage Project

Juba Energy Storage Project Ranking Key Insights for Sustainable Energy

Why Energy Storage Matters in South Sudan's Power Sector South Sudan's energy landscape is transforming rapidly, with the Juba energy storage project ranking highlighting the nation's ...

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South Sudan: First major solar energy, BESS plant launched

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South Sudan launches first solar plant with battery storage

Feb 5, 2025 · Ezra Group, a South Sudanese family-run conglomerate, last month announced the launch of South Sudan's first major renewable energy project. The 20 MW solar PV plant, ...

Juba Energy Storage Technology

Juba Solar Power Station The Juba Solar Power Station is a proposed 20 MW (27,000 hp) solar power plant in South Sudan. The solar farm is under development by a consortium comprising ...

South Sudan's Milestone in Renewable ...

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Ezra Group Launches 20 MW Solar Power Project With 14 MWh Battery

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