



BUHLE POWER

Juba Energy Storage solar Power Plant





Overview

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 a 20 MW solar plant benefit Juba?

The 20 MW solar plant will generate enough electricity to power approximately 16,000 households in Juba. It will also enhance grid stability and reduce energy costs for consumers.

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.

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.



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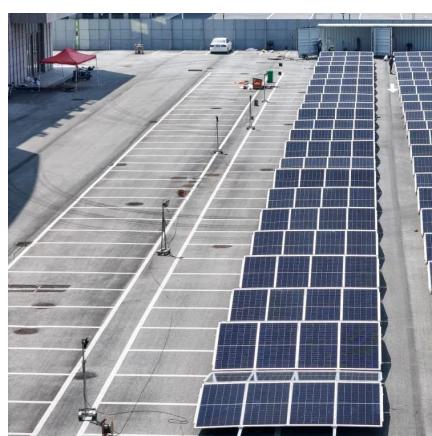
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Jan 21, 2025 · By Kei Emmanuel Duku Ministry of Environment and Forestry welcomes the launch of a 20-megawatt solar power plant and 14-megawatt-hour battery system in Juba. Joseph

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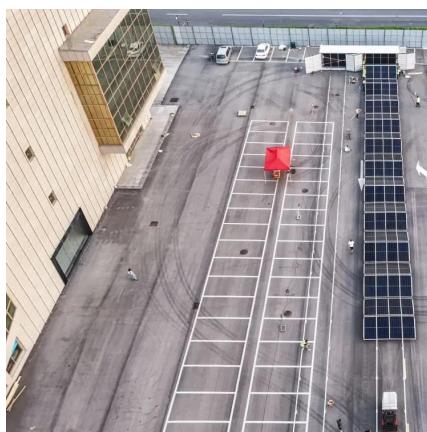
Juba Solar Power Station

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



South Sudan: First major solar energy, BESS plant launched

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South Sudan launches first solar plant with ...

Feb 5, 2025 · Ezra Group, a South Sudanese family-run conglomerate, last month announced the launch of South Sudan's first major renewable ...



South Sudan launches 20MW solar energy plant . Pumps Africa

Feb 3, 2025 · The 20MW solar facility is designed to supply power to approximately 16,000 households in Juba, significantly decreasing energy prices and improving grid stability. The ...



Solar tower power plant South Sudan

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 Elsewedy Electric ...

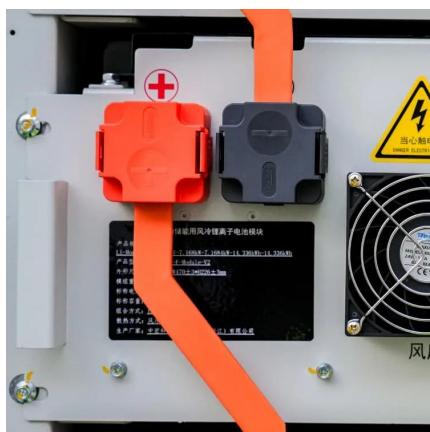


South Sudan launches first solar plant with battery storage

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SunContainer Innovations - Summary: The Juba Energy Storage Photovoltaic Power Plant combines solar energy with advanced battery storage to address renewable intermittency. ...



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