



LLSE CONTAINERS

# Juba solar Module Project





## Overview

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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.

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.

Does jedco need a solar plant?

The solar plant is set to contribute 19% of the total energy distributed by JEDCO, complementing existing thermal power plants. However, to ensure reliability and long-term sustainability, additional renewable energy sources, such as the government-owned Nisitu Solar Plant, will be crucial in supplementing the thermal output, said the Group.



## Juba solar Module Project

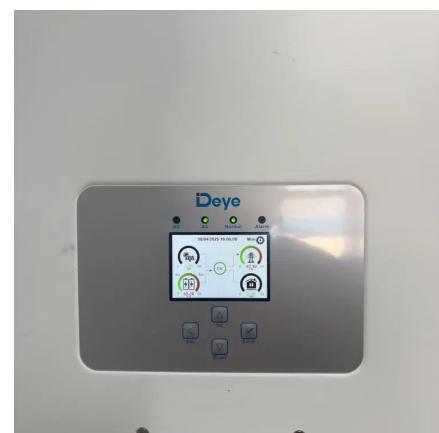


### [Juba Energy Storage Photovoltaic Power Plant A Game ...](#)

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

### [Cabinet approves \\$150 million solar project for Juba](#)

Aug 3, 2024 · The project aims to support the provision of reliable, continuous and affordable energy in Juba. The estimated cost is \$150.2 million over 20 years, plus a five-year grace ...



### [Cabinet approves over \\$150 million for construction of 5 ...](#)

Aug 5, 2024 · The Council of Ministers in their regular meeting on Friday approved 150,190,216 U.S dollars for constructing 5 megawatt hyper solar power plant in Juba City.

### [South Sudan shifts to clean energy as Ezra Group launches a ...](#)

Jan 27, 2025 · The South Sudan's solar power project reportedly marks a milestone in Juba's transition to sustainable power. The Ezra Group, a leading business conglomerate, announced ...

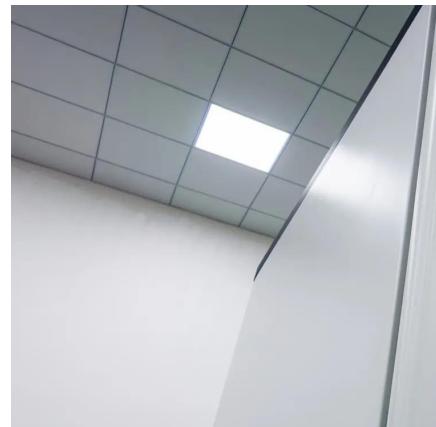


### [Ministry targets 3000MW solar plant to combat pollution](#)

Jan 21, 2025 · The launch of the solar projects is expected to lower electricity costs for consumers. Natanel Ghebrengu Ezra, Operations Officer at ECDG, stated that the project ...

### [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, ...



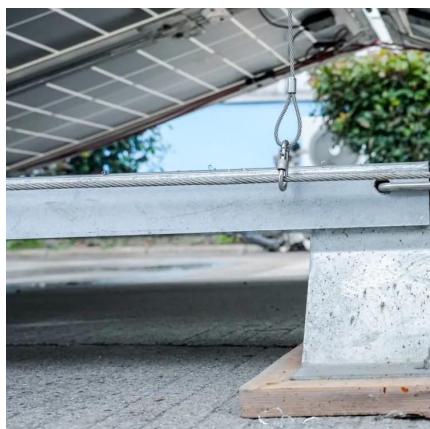
### [Power plant profile: Juba Solar PV Park, South Sudan](#)

Oct 21, 2024 · The project is being developed by Elsewedy Electric T&D and is currently owned by South Sudan Electricity with a stake of 100%. Juba Solar PV Park is a ground-mounted ...



## [South Sudan Launches First 20-Megawatt Solar Power Plant](#)

Apr 1, 2025 · South Sudan solar power milestone: First plant marks a new energy era South Sudan has taken a transformative step toward sustainable energy by launching its first solar ...



## [South Sudan: First major solar energy, BESS plant launched](#)

Jan 27, 2025 · 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, ...

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