



LLSE CONTAINERS

# Juba solar Off-Grid Energy Storage Company





## Overview

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How will a 20MW solar plant benefit Juba?

The 20MW solar facility is capable of supplying power to approximately 16,000 households in Juba, offering a significant reduction in energy prices and enhancing grid stability. The BESS will store energy from the solar plant, providing on-demand power, stabilizing the grid, and ensuring consistent renewable energy reliability.

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.

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.



## Juba solar Off-Grid Energy Storage Company

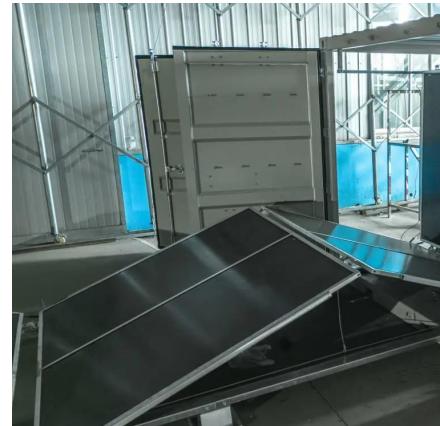


### [South Sudan launches first solar plant with battery storage](#)

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, ...

### [Ezra Group switches on South Sudan's first solar power plant](#)

Jan 29, 2025 · South Sudanese company, Ezra Group, has announced the successful launch of the 20 megawatt (MW) solar power plant and the 14 megawatt (MWh) Battery Energy Storage ...



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

Jan 27, 2025 · Ezra Group launches a 20-megawatt solar power plant and a 14-megawatt-hour Battery Energy Storage System in South Sudan. The project developed and run by the Ezra ...

### [Ezra Group Powers Ahead with Renewable Energy in South ...](#)

Jan 28, 2025 · Juba - South Sudan celebrates its first major renewable energy project, marking a milestone in its transition to sustainable power. The Ezra Group, a leading business ...



## [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 ...

## [Ezra Group Launches 20 MW Solar Power Project With 14 ...](#)

Feb 10, 2025 · 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 ...



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

Jan 27, 2025 · 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 park of 20 MW plus battery opens in South Sudan

Jan 27, 2025 · An official opening was held in Gondokoro, near the city of Juba, the capital of South Sudan. The project was developed and financed in-house by Ezra Construction and ...



## JUBA OFF GRID PHOTOVOLTAIC ENERGY STORAGE POWER STATION

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## South Sudan launches solar energy

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