



# Juba energy storage power station implementation plan





## Overview

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The 20 MW solar PV plant, located in Juba, the capital city, will have a 14 MWh battery energy storage system & will connect 16,000 households in the world's least electrified country. This project marks South Sudan's first public-private partnership (PPP) in the. 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 Company of Egypt, Asunim Solar from the United Arab Emirates (UAE) and I-kWh Company, an energy consultancy firm also based. Ezra Group, a South Sudan family-run conglomerate, on Monday announced the launch of a 20-MW solar power plant with a 14-MWh battery energy storage system in South Sudan, marking the country's first major renewable energy project. Officials frame reliable power as a practical foundation for services, security lighting and economic activity. This 58MW/116MWh facility - equivalent to powering 35,000 homes daily - demonstrates how modern battery technology can transform energy accessibility.



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### South Sudan shifts to clean energy as Ezra Group launches a 20 ...

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 Construction ...

### [Juba PV Project Energy Storage Regulations Document](#)

"Implementing a solar microgrid energy storage system has improved our energy independence and sustainability, ensuring uninterrupted power supply throughout the day."



### [Juba Power Boost Plan: What Changes in 2026?](#)

South Sudan's Energy Minister Agok Makur Kur inspects Ezra Group in Gondokoro, confirms 79 MW in use and 21 MW pending, and outlines plans including Uganda power imports and ...



### [Juba Energy Storage Integrated Battery Enterprise](#)

Summary: The Juba Energy Storage Photovoltaic Power Plant combines solar energy with advanced battery storage to address renewable intermittency. This article explores its



## Juba Shared Energy Storage Power Station: A Game Changer for ...

In the heart of Africa's newest nation, the Juba Shared Energy Storage Power Station stands as a beacon of energy innovation. This 58MW/116MWh facility - equivalent to powering 35,000 homes ...



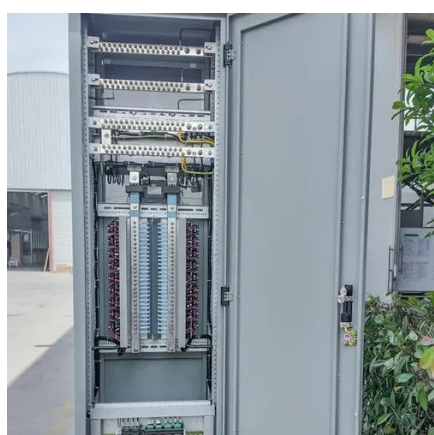
## Juba Solar Power Station

There are plans to build new generation stations and to import electricity from neighboring Ethiopia, Sudan and Uganda, but the civil war has hindered progress in that direction.



## [Juba Energy Storage Power Station Implementation Plan](#)

With the establishment of a large number of clean energy power stations nationwide, there is an urgent need to establish long-duration energy storage stations to absorb the excess electricity



## [South Sudan launches first solar plant](#)



## with battery storage

The 20 MW solar PV plant, located in Juba, the capital city, will have a 14 MWh battery energy storage system & will connect 16,000 households in the world's least electrified country.



2MW / 5MWh  
Customizable



## **Juba Energy Storage Power Plant**

Built on a 25-hectare piece of land near Nesitu County, approximately 20km from Juba, the future photovoltaic solar power plant will consist of a 20MWp solar photovoltaic park, a 35MWh battery

...

## Solar park of 20 MW plus battery opens in South Sudan

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 Development ...





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