

# GW-scale solar power plant in South Sudan



## Overview

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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. South Sudan has taken a significant step toward renewable energy with the launch of its first large-scale solar power project. 4% (as of 2022) Image: The recently launched 20MW solar energy plant in South Sudan. Built by Egypt's Elsewedy Electric, the 20-megawatt power plant is located in Nesitu, Central Equatoria State, just 30 kilometers from the capital, Juba. 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. 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.

## GW-scale solar power plant in South Sudan

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### South Sudan Launches First Solar Power Plant with BESS

The plant is located in Gondokoro, near Juba. It is expected to supply electricity to up to 16,000 households. The battery storage system will help stabilize the grid by storing excess solar ...

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### South Sudan: First major solar energy, BESS plant launched

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 ...



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### South Sudan's Milestone in Renewable Energy: First Major Solar ...

By integrating renewable energy into the national grid, it aligns with South Sudan's environmental sustainability goals while making electricity more affordable and accessible to the local ...

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### South Sudan launches solar energy

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.

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## Juba Solar Power Station

In March 2020, South Sudan's installed generation capacity was reported as approximately 130 MW. Most of the electricity in the country is concentrated in Juba the capital and in the regional centers of Malakal and Wau. At that time the demand for electricity in the county was estimated at over 300 MW and growing. Nearly all electricity sources in the country are fossil-fuel based, with attendant challenges of cost and environmental pollution. There are plans to build new generation stations and to import electr...

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## 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.

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## South Sudan launches first solar plant with battery storage

South Sudan is planning to build a 500 MW solar power plant in agreement with the United Arab Emirates. It also plans to invest in the 1,080 MW Grand Fula hydropower project. At the ...

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

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, ...



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## Ezra Group unveils 20 MW solar project in South Sudan

The solar plant is projected to provide clean electricity to approximately 16,000 households in Juba alone, significantly lowering energy costs while enhancing grid stability.

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## Ezra Group Powers Ahead with Renewable Energy in South Sudan

The Ezra Group, a leading business conglomerate, announced the successful launch of the 20-Megawatt (MW) solar power plant and the 14-Megawatt

Battery Energy Storage System in ...

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### **South Sudan Launches First 20-Megawatt Solar Power Plant**

South Sudan has taken a transformative step toward sustainable energy by launching its first solar power plant. Built by Egypt's Elsewedy Electric, the 20-megawatt power plant is located in ...

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