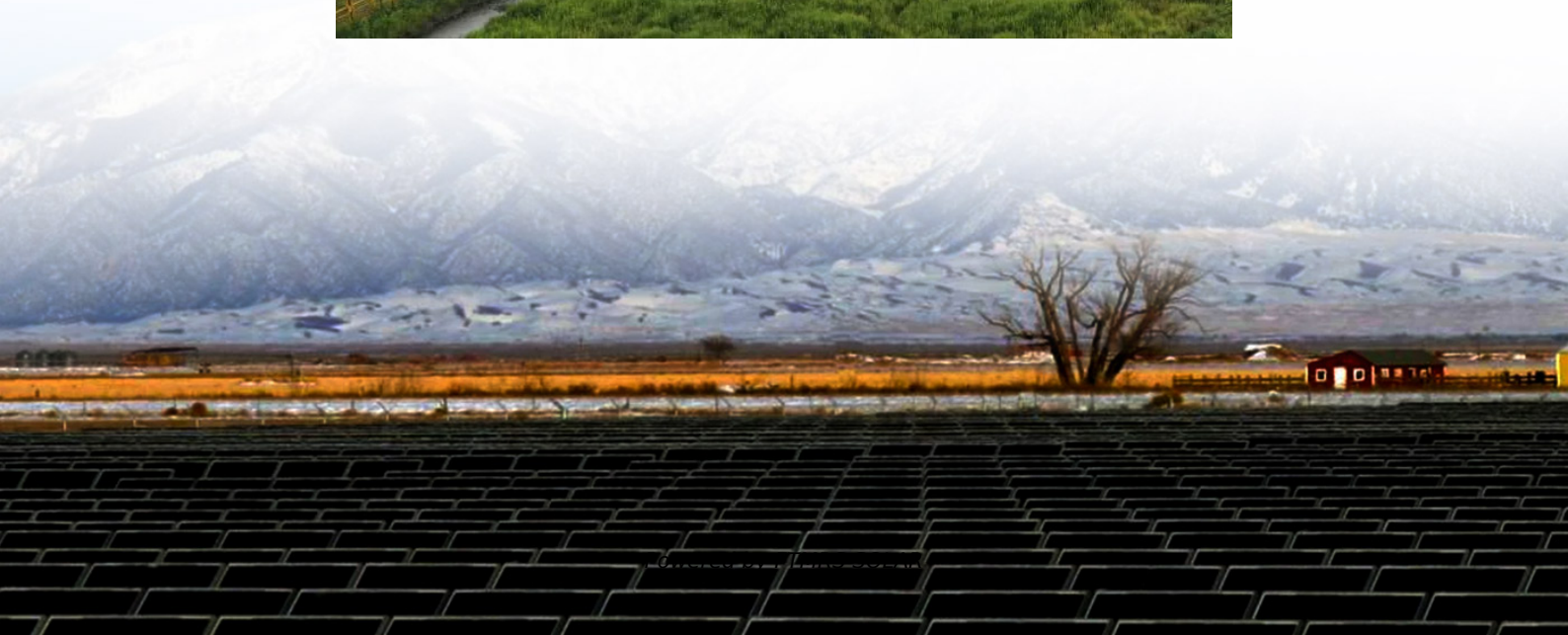


# Juba complete solar system





## 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.

Does jedco need a solar plant?

The solar plant now supplies 19% of JEDCO's total energy distribution, complementing the existing thermal power plants. However, to ensure sustained reliability and long-term growth, additional renewable sources like the government-operated Nisitu Solar Plant will be essential in supporting thermal energy output.



## Juba complete solar system

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South Sudan: First major solar energy, BESS ...

Jan 27, 2025 · Image: The recently launched 20MW solar energy plant in South Sudan.  
Credit: Ezra Group A public-private partnership in South ...

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Solarization Of Juba Military Hospital

Aug 20, 2025 · The Juba Military Hospital marked a milestone, the official launch of its new 150 kWp Solar PV system paired with a 217.62 kWh ...

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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 ...

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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, ...

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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 ...

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Ezra Group switches on South Sudan's first solar power plant

Jan 29, 2025 · The 20 MW solar power plant will generate sufficient power to supply electricity to up to 16,000 households in the capital Juba.

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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 ...

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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 ...

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Solarization Of Juba Military Hospital

Aug 20, 2025 · The Juba Military Hospital marked a milestone, the official launch of its new 150 kWp Solar PV system paired with a 217.62 kWh battery bank from Alpha ESS Implemented by ...

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South Sudan launches solar energy

Jan 28, 2025 · 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 ...

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South Sudan shifts to clean energy as Ezra ...

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 ...

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Aptech Africa Completes 26 MW Solar Power ...

Aug 13, 2023 · Renewable energy EPC firm, Aptech Africa, has announced the completion of 26 MWp of solar panels on the Ezra Power Plant in ...

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Ezra Group switches on South Sudan's first ...

Jan 29, 2025 · The 20 MW solar power plant will generate sufficient power to supply electricity to up to 16,000 households in the capital Juba.

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Ministry targets 3000MW solar plant to combat pollution

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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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 ...

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Aptech Africa Completes 26 MW Solar Power Facility in Juba

Aug 13, 2023 · Renewable energy EPC firm, Aptech Africa, has announced the completion of 26 MWp of solar panels on the Ezra Power Plant in Juba, serving to enhance energy security and ...

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