

# Juba Household Energy Storage 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.

Why is Juba launching a 20MW solar project?

The project contributes not only to the country's environmental targets but also to improving energy accessibility and affordability for local communities. 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.

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.

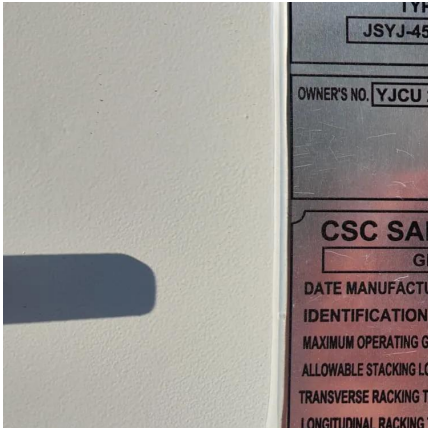
What is a solar power plant in South Sudan?

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.



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### [South Sudan launches solar energy](#)

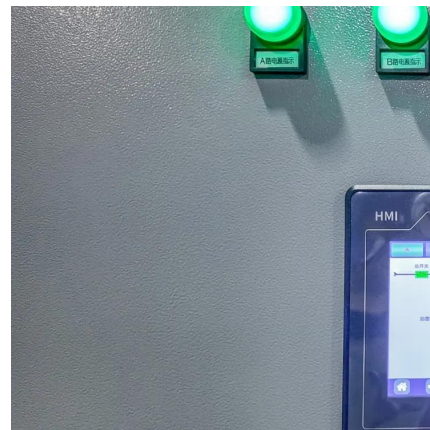
The project contributes not only to the country's environmental targets but also to improving energy accessibility and affordability for local communities. The 20MW solar facility ...

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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 ...

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Electricity generated by the project will be supplied to the Juba Electricity Distribution Company (JEDCO) - a public-private partnership between Ezra Group and South Sudan Electricity Corporation (SSEC). ...

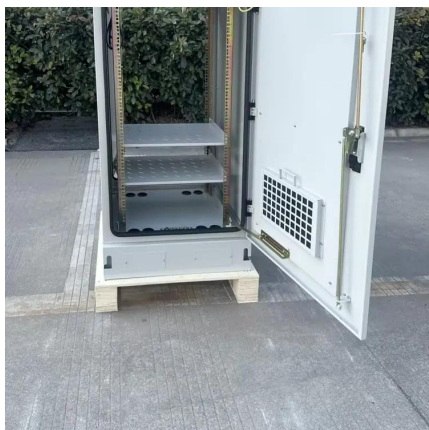
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### [South Sudan: First major solar energy, BESS plant launched](#)

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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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 and Development ...

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Future Implications: If successfully expanded, this project could serve as a model for South Sudan's renewable energy future, reducing reliance on thermal power. Further investments in solar infrastructure, ...

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### [South Sudan launches 20MW solar energy plant. Pumps Africa](#)

South Sudan has inaugurated a 20MW solar energy plant. Developed and funded internally by Ezra Construction and Development Group Ltd., a subsidiary of the Ezra Group, ...

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

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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