



# Juba wind power storage subsidy





## Overview

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South Sudan's energy landscape is transforming rapidly, with the Juba energy storage project ranking highlighting the nation's push toward grid stability. As solar adoption grows by 18% annually (World Bank 2023), battery systems are becoming critical for managing intermittent re South Sudan's.

ESMAP is a partnership between the World Bank and 24 partners to help low- and middle-income countries reduce poverty and boost growth through sustainable energy solutions. ESMAP's analytical and advisory services are fully integrated within the World Bank's country financing and policy dialogue in.

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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. This is a major step in reducing the country's electricity access.

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.

Ministry of Environment and Forestry welcomes the launch of a 20-megawatt solar



power plant and 14-megawatt-hour battery system in Juba. Joseph Africano Bartel, Undersecretary of the ministry, calls for increased investment in clean energy to reduce the country's carbon footprint and combat climate.



## Juba wind power storage subsidy



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

The Uganda-South Sudan interconnector will run from the recently completed Karuma hydropower plant to Juba. This project has received funding from the African ...

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Africano emphasized that the solar plant will boost agriculture through irrigation and provide cold storage for fish and other produce. The government also plans to construct ...

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The government's subsidy push has so far prompted an increasing number of private companies to invest in battery storage projects, including large-scale plants.

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## World Bank Document

Juba Electricity Distribution Company Limited (JEDCO) is Juba's sole electricity service provider and the only functional distribution utility in the country.

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[Juba Energy Storage Project Ranking: Key Insights for ...](#)

South Sudan's energy landscape is transforming rapidly, with the Juba energy storage project ranking highlighting the nation's push toward grid stability. As solar adoption grows by 18% ...

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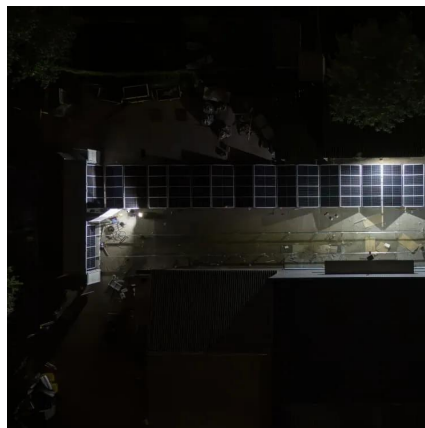
[Juba PV Project Energy Storage](#)



## [Regulations Document](#)

Who is implementing Juba power rehabilitation project? Recently, PowerChina, a Chinese engineering firm, has been contracted by SSEC to implement the Juba Power Rehabilitation ...

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## **Juba Solar Power Station**

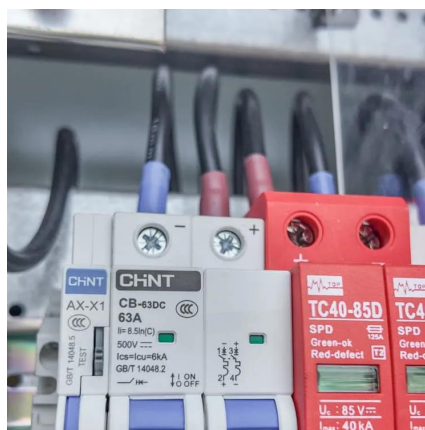
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## **South Sudan**

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