

## SolarTech Power Solutions

# Sudan Power Construction Energy Storage Project



## 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. Does South Sudan have a solar power project?

South Sudan has taken a significant step toward renewable energy with the launch of its first major solar power project. The Ezra Group, a leading business conglomerate, has successfully developed and financed a 20-megawatt (MW) solar power plant along with a 14-megawatt-hour (MWh) Battery Energy Storage System (BESS).

Is there a program for promoting modern energy in South Sudan?

South Sudan has great potential for development of energy consuming nodes in rural areas such as agro-processing, carpentry, hair salons and other SMEs. However, there is no known program for promotion of modern energy for productive use in South Sudan.

What is Ezra Construction & Development Group doing in South Sudan?

Ezra Construction & Development Group remains committed to furthering the expansion of renewable energy in South Sudan. The company is actively exploring new ways to provide cleaner, more affordable electricity to benefit a larger number of communities.

How will a 20 MW solar plant benefit Juba?

The 20 MW solar plant will generate enough electricity to power approximately 16,000 households in Juba. It will also enhance grid stability and reduce energy costs for consumers.

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.

Where does jedco get its energy?

JEDCO receives bulk energy from Ezra Construction & Development Group and distributes it across the region. The new solar plant now accounts for 19% of JEDCO's total electricity distribution, complementing existing thermal power plants.

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