



# South Sudan Energy Group Energy Storage Project

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Why is SSEC a success in South Sudan?

The success of this project is largely due to the strategic collaboration with key partners, including the South Sudan Electricity Corporation (SSEC) and the Ministry of Energy and Dams, which oversee electricity generation, transmission, and distribution across the country.

What is a solar power plant & a battery energy storage system?

Developed and financed by Ezra Construction & Development Group Ltd., the 20-megawatt (MW) solar power plant and accompanying 14-megawatt-hour (MWh) Battery Energy Storage System (BESS) represent the country's first official renewable energy source.

How will a 20 MW solar plant benefit Juba?

The 20 MW solar plant will supply electricity to approximately 16,000 households in Juba, integrating clean energy into the national grid. The project is expected to reduce carbon emissions, lower electricity costs, and enhance grid stability. The BESS system ensures a reliable power supply, allowing stored solar energy to be used when needed.

Who distributes electricity in Juba?

The Juba Electricity Distribution Company (JEDCO), a public-private partnership between Ezra Group and SSEC, is responsible for distributing the generated electricity to consumers in Juba. JEDCO receives bulk energy from Ezra Construction & Development Group and distributes it across the region.

South Sudan has taken a significant step toward renewable energy with the launch of its first large-scale solar power project. The Ezra Group, a prominent business conglomerate, has successfully ...

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, located in ...

The South Sudan energy storage cooperation represents more than technical installations - it's about building sustainable energy foundations for economic growth, healthcare improvement, and ...

Future Implications: Integrating solar and storage solutions could stabilize South Sudan's energy



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infrastructure, creating a model for renewable energy adoption in other energy-deprived regions. ...

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 ...

Ezra Group, a prominent business conglomerate, proudly unveiled its 20MW solar power plant and 14-Megawatt (MWh) Battery Energy Storage System (BESS) in South Sudan Developed ...

South Sudan has inaugurated its first large-scale solar power project, marking a significant milestone in the country's transition toward renewable energy. Developed and financed by ...

Ezra Juba Solar PV Park is a 26MW solar PV power project. It is located in Central Equatoria, South Sudan. According to GlobalData, who tracks and profiles over 170,000 ... Juba - 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, ...

The Ezra Group, a leading business conglomerate, announced the successful launch of the 20-megawatt (MW) solar power plant and the 14-megawatt (MWh) Battery Energy Storage ...

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