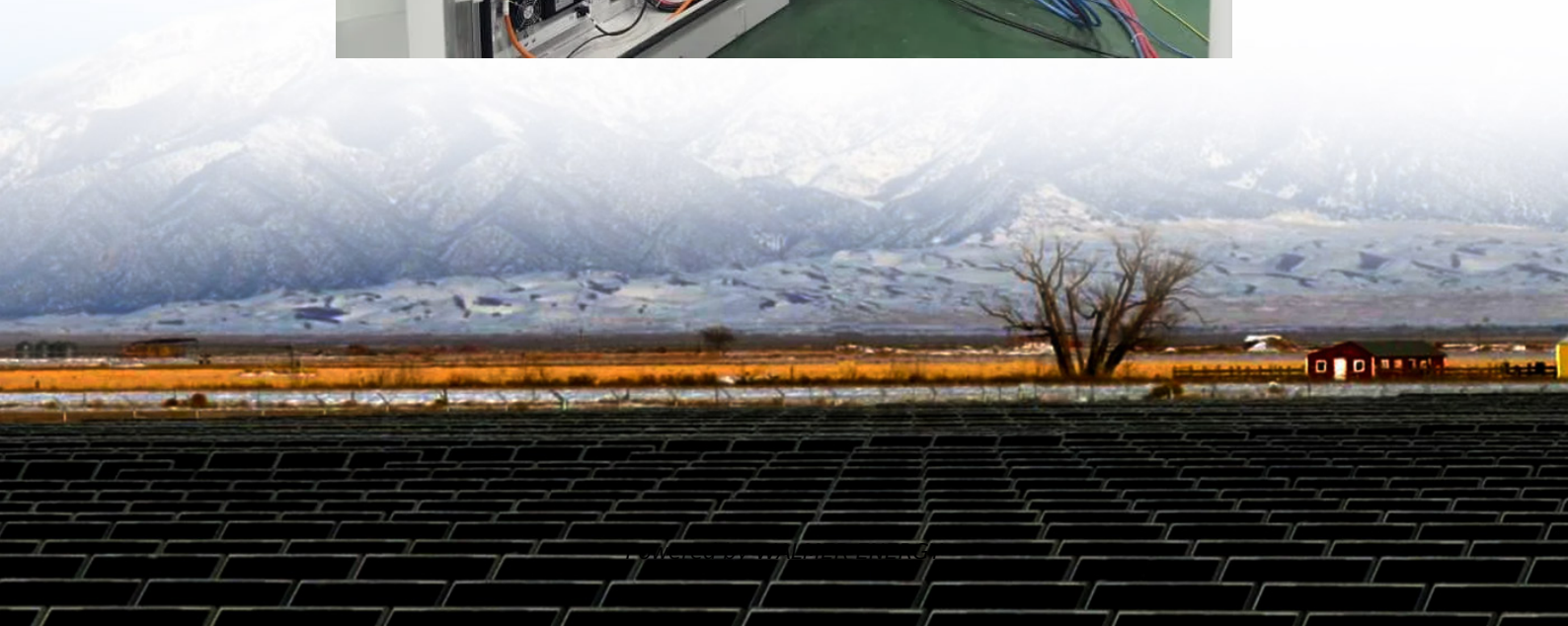


# Large-capacity battery energy storage in South Sudan





## Overview

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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).

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.

What does Ezra group do for South Sudan?

With a strong focus on sustainability and cost reduction, Ezra Group aims to support the country's transition to a greener future. This project is a major achievement for South Sudan, signaling the country's commitment to renewable energy and environmental responsibility.



## Large-capacity battery energy storage in South Sudan

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### LARGE SCALE PV AND STORAGE SYSTEM IN SOUTH SUDAN

How much power does South Sudan need? South Sudan's installed power capacity is about 130 megawatts, a large chunk of which is used to supply electricity to the country's abundant oil ...

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### Ezra Group Launches 20 MW Solar Power ...

Feb 10, 2025 · South Sudan has taken a significant step toward renewable energy with the launch of its first major solar power project. The Ezra ...

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### Solar Photovoltaic and Battery Storage Systems for Grid ...

Request PDF , On May 17, 2023, Talib Paskwali Beshir Latio and others published Solar Photovoltaic and Battery Storage Systems for Grid-Connected in Urban: A Case study of ...

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### South Sudan Launches First Solar Power Plant ...

Jan 29, 2025 · South Sudan has launched its first solar power plant with battery storage. The 20-megawatt (MW) solar plant and the 14-megawatt ...

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### South Sudan Battery Energy Storage Market (2025-2031)

6Wresearch actively monitors the South Sudan Battery Energy Storage Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, ...

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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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### Ezra Group Launches 20 MW Solar Power Project With 14 MWh Battery

Feb 10, 2025 · 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 ...

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### South sudan s largest energy storage

The CIS promotes new investments in renewable energy dispatchable capacity, such as battery storage, solar, and wind power generation. This will enable Australia to meet the increasing ...

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### South sudan power storage project

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

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### Solar and energy storage system powers ...

Feb 2, 2024 · Offices in Juba, South Sudan have had a 50.144kWp solar installation with a



218kwh battery energy storage system commissioned ...

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South Sudan liquid solar energy storage

The solution integrates a 5MWh liquid cooled battery energy storage system and a 5MW MV Skid, supported by over 100 patents and featuring three key technological highlights: The project will ...

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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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Solar and energy storage system powers offices in South Sudan

Feb 2, 2024 · Offices in Juba, South Sudan have had a 50.144kWp solar installation with a 218kwh battery energy storage system commissioned recently. The roof-mounted system ...

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South Sudan Launches First Solar Power Plant with BESS

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