



# South sudan energy storage project

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).

Why should South Sudan invest in solar power & battery storage?

This project marks a significant achievement for South Sudan, reinforcing its commitment to renewable energy and environmental responsibility. By investing in solar power and battery storage technology, the country is making a decisive move toward energy independence, economic growth, and a sustainable future for its people.

Does South Sudan have a real energy infrastructure?

The situation in South Sudan, the world's newest country, is unique. It does not have any real existing energy infrastructure.

Why is South Sudan struggling to get electricity?

Despite having an abundance of energy resources, particularly fossil fuels, South Sudan struggles to give its citizens access to electricity. The long period of historical neglect of the region by the Sudanese government before independence and the recent conflict, is the primary cause of the current energy challenges.

Could solar energy be South Sudan's most affordable energy transition path?

Nhial Tiitmamer, a researcher on energy and environmental issues in South Sudan and a current policy analyst for SUDD Institute, concludes that solar energy has the greatest potential to be South Sudan's immediate and most affordable energy transition path towards a sustainable energy transition and even job creation.

Are solar devices a problem in South Sudan?

The second hurdle is the lack of awareness, with 8% of urban and rural populations reporting a lack of knowledge about solar devices. The third barrier to greater penetration of solar devices in South Sudan is poor consumer perceptions of solar product quality.



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