

How many energy companies are there in South Sudan?

There are about fourteen of-grid energy companies in South Sudan, and their services include i) selling solar products, ii) engineering, procurement, and construction (EPC), iii) independent power production (IPPs) and iv) developing mini-grids.

What is the governance of the energy sector in South Sudan?

The institutional and regulatory governance of the of-grid energy sector in South Sudan is still nascent. Table 2 below lists the major players participating in the governance of the energy industry and their positions as defined by applicable laws.

How solar energy can transform South Sudan's economy?

A solar energy can also be transformative to South Sudan's economy. For example, solar energy is affordable, cleaner and last longer as compared to energy from diesel-powered generators because generators need diesel to burn and they also need to be replaced after few years.

Is result based financing a solution to South Sudan's energy crisis?

Result Based Financing (RBF) to accelerate access to energy services, an instrument commonly used in other markets to bridge the affordability gap, is also lacking in South Sudan. The energy sector's policy and enabling regulatory environment is still in its formative stage, especially for the of-grid sector.

How do solar companies work in South Sudan?

Of-grid solar companies in South Sudan focus on serving large institutions and commercial customers, who make up over 80% of their sales. They prefer serving international NGOs and aid organisations operating in the country since these organisations can readily pay, unlike households. This leaves the household market underserved.

Is South Sudan a good place to buy energy?

Based on independent sources from consumers and suppliers, most of-grid energy products available in South Sudan are neither standardised nor quality verified. This hinders uptake, as many households reported quality to be a main factor in their purchase decision, especially in urban areas.

This report explores the potential for renewable energy to support local energy access and peacebuilding in South Sudan, the newest and least electrified country in the world, by leveraging the renewable energy transition of the UN peacekeeping mission (UNMISS) - the single largest generator and consumer of electricity in the country.

We realize the impact that our work has on the communities we live in. Thus, environmental sustainability is at the core of our business activities at Eko Energies. We are committed to enhancing our operations and



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technologies to protect those communities.

Eko Energies Ltd. is an international EPC service provider operating in the Middle East and West Africa, offering a diverse portfolio of engineering, MEP construction, and other services. The company is committed to sustainability, with a focus on renewable energy and environmental protection.

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Our involvement starts with providing expert advice to ensure the feasibility and maintainability of the designed systems. We are always ready to address any business stipulation in the engineering field to fulfill and exceed the client's required services.

In addition to its hydrocarbon proven reserves, South Sudan can also prepare for its sustainable energy future by reducing electricity deficit through clean power investment that targets upto 40MW of additional power from renewable energy sources.

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