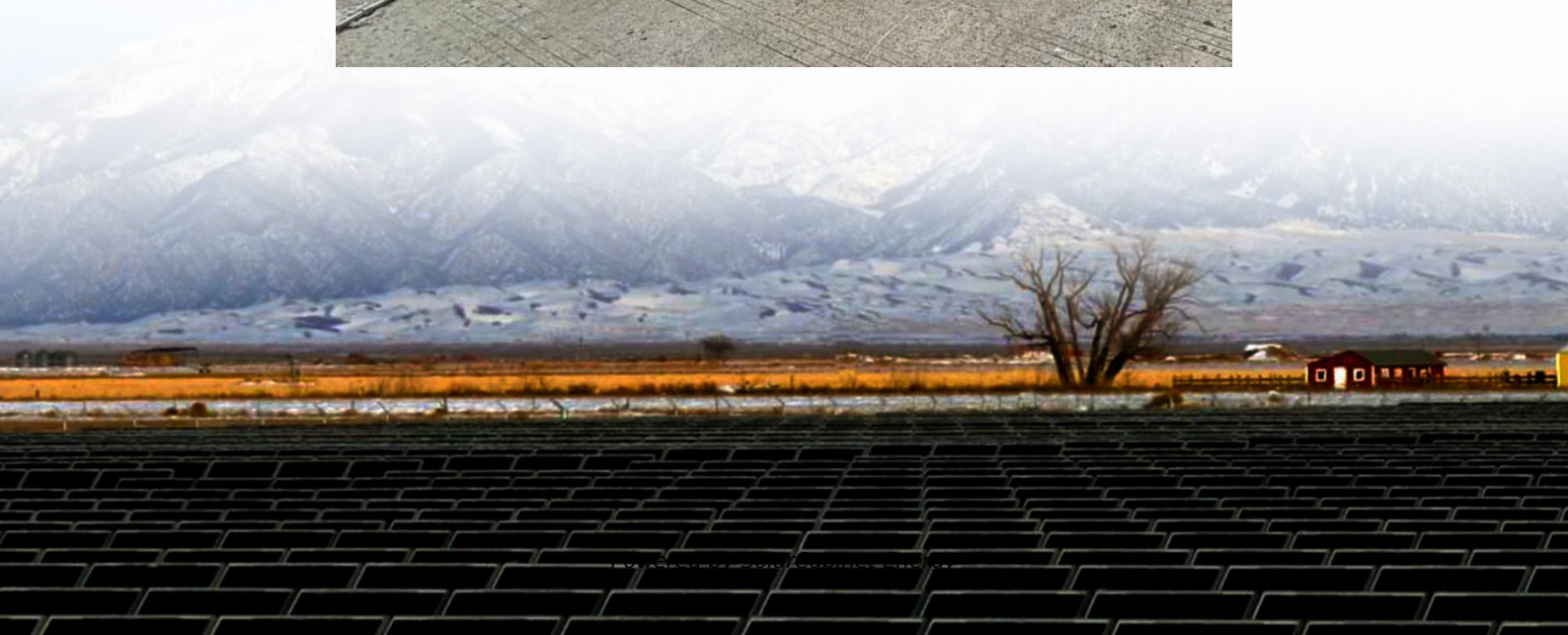


South Sudan outdoor power cabinet recommendation





Overview

What is South Sudan's role as a power utility?

Its role as a power utility is expected to intensify as programmes to increase electricity access in South Sudan are implemented. It is proposed under the Electricity Bill 2015 as the regulatory entity for the electricity sector in South Sudan. It would function as the energy regulator whose functions would include the creation of regulations.

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.

What is the grid-based electricity situation in South Sudan?

At present, the grid-based electricity situation in South Sudan is characterized by routine power outages and lack of efficiency in the distribution system . In fact, in 2020, 580 GWh or nearly 100 % of electricity was produced from oil and gas, and just 1 GWh from renewable sources .

Does South Sudan have electricity?

As a result, the majority of the nation's electricity is produced by thermal sources, and supply is only available in a few urban centers, notably the capital Juba, Wau, and Malakal. Compared to neighboring countries, South Sudan has the lowest access to electricity (% of population) with only 7.7 % as of 2021 .

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.



Can South Sudan electrify?

South Sudan is at a crossroads in terms of its ability to electrify the nation. Looking forward, the path toward clean, renewable energy is both cost-effective and environmentally conscious, resulting in increased energy security, sustainability and community resilience.



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