



# Power banks for houses South Sudan

How many people use banking in South Sudan?

According to World Bank data, less than 600,000 of the over 11 million South Sudanese use the banking sector (World Bank, 2022a). This translates into only 5.83% of those aged 15 and above having an account with a financial institution, including mobile money service providers.

Do health institutions in South Sudan have access to electricity?

About 30% of South Sudan health institutions do not have access to electricity. However, there were disparities where 15.0% of health institutions in urban areas lacked access to electricity compared to 33.2% of health institutions in rural areas reported lacking electricity access.

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 fields. However, the country's power demand is about 300 megawatts, an amount that's likely to grow during peacetime, Deng said. "We are actually thirsty [for generation]," he said.

Will South Sudan build a hydropower project near Juba?

The utility is looking for investors to build a 120-megawatt hydropower project near Juba, which could cost \$490 million to construct over five years. South Sudan's government says it also plans to invest in the 1,080-megawatt Grand Fula project proposed near the Ugandan border, though how and when it would do so is unclear.

How many energy companies are there in South Sudan?

There are about fourteen off-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.

Where can I buy solar panels in South Sudan?

Their largest market is the Central Equatoria state. Founded in 2011 and opened its first branch in Asmara, Eritrea. Branches located in South Sudan, Uganda, and Dubai. In South Sudan, they have shops in Yei, Wau, Juba and Malakal. -Specialise in large solar home systems with a minimum capacity of 600W onwards.

as a joint venture between the South Sudan Electricity Corporation (SSEC) - South Sudan's public utility - which holds 48 percent of shares, and Ezra Group - a private South Sudanese construction company founded by Eritrean immigrants

Recently, development banks and foreign companies have started backing projects to revitalize infrastructure and boost power generation amid a relatively tranquil time for the eight-year-old country.

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Most of South Sudan's electricity infrastructure outside of Juba is nonoperational. The country's total installed power capacity is approximately 109 MW, all from thermal sources, of which around 76.5 MW is operational but only around 34.5 MW

Most decentralized power systems in South Sudan are operated by private companies, NGOs and humanitarian organizations in South Sudan. In assessing the capacity of the off-grid electricity in terms of Megawatt (MW), the kVA rating of the generators and the power factor were taken into consideration.

In 2020, the World Bank, in response to South Sudan's transitional government's request, set up the Pathways to Electricity Access Expansion in South Sudan project. As part of the initiative, the World Bank commissioned this study, the Off-grid and Mini-grids Market Assessment.

The proposed Bank support to Juba PDSRE Project is in line with the South Sudan Development Plan (SSDP) and South Sudan Infrastructure Action Plan (SSIAP) both identifying infrastructure as a core priority for South Sudan.

