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## Juba wind power storage subsidy

How many solar projects are there in Juba?

There are currently two 20 MW utility-scale solar projects under construction around Juba, one an IPP (Ezra hybridization) and the other government-owned (Nesitu; includes 10 MW/35MWh BESS), expected to become operational in 2023 (see Table 1). Another 20 MW Juba solar IPP (GWG) is currently in planning, though with a more uncertain timeline.

Who owns the Juba electricity distribution company (jedco)?

The Juba Electricity Distribution Company (JEDCO) was established in May 2018 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 - which holds 52 percent.

How much power does Juba have off-grid?

Off-grid installed generation capacity in Juba has been estimated at a total of 28.93 MW, which is almost as high as the installed capacity available on the Juba grid.

How much does electricity cost in Juba?

Customers in Juba pay an average tariff of US\$0.40 per kWh, among the highest in Sub-Saharan Africa. Even the lifeline segment of the tariff for residential customers consuming under 100 kWh per month is priced at US\$0.31.6 per kWh.

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