

Juba distributed energy storage inquiry





Overview

Who distributes electricity in Juba?

The Juba Electricity Distribution Company (JEDCO), a public-private partnership between Ezra Group and SSEC, is responsible for distributing electricity to the public in Juba. JEDCO receives bulk energy from Ezra Construction & Development Group and distributes it across the region.

How will a 20 MW solar plant benefit Juba?

The 20 MW solar plant will generate enough electricity to power approximately 16,000 households in Juba. It will also enhance grid stability and reduce energy costs for consumers.

How many energy meters will be installed in Juba?

In the existing supply centers, 40 km of 33/11 kV line, 70 km of 11 kV line, 60 transformer stations (10 of 33/11 kV and 50 of 11/0.415/0.230 kV transformers), 130 km of 0.415/0.230 kV line, and 22,000 pre-paid energy meters will be installed (Juba, Malakal and Wau). (Interviewee 2 &).

Where does jedco get its energy?

JEDCO receives bulk energy from Ezra Construction & Development Group and distributes it across the region. The new solar plant now accounts for 19% of JEDCO's total electricity distribution, complementing existing thermal power plants.



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IMPLEMENTATION PROGRESS AND RESULTS REPORT (IPR)

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