

Dakar BESS Communication BESS Power Station





Overview

Where is a Bess project being built in Senegal?

The BESS is to be built at the Tobène substation in Thies, Senegal. It will be operated by Infinity Power's 158.7 MW wind farm in Senegal, Parc Eolien Taiba N'Diaye (PETN).

What is the Bess project?

The four-hour BESS project, which will have a power rating of 40MW and an energy storage capacity of 160MWh, will be built at the Tobène substation in Thies and operated in tandem with Infinity Power's 158.7MW wind farm, the Parc Eolien Taiba N'Diaye (PETN).

Will Bess provide frequency response services in West Africa?

The project is the first BESS to provide frequency response services in West Africa, the companies claimed. Image: Africa REN. Finance institutions FMO and PIDG will finance a first battery storage project in Senegal dedicated to frequency regulation, the first in the region, project developer Africa REN claimed.

When will Senegal's Bess project start?

The BESS is expected to begin construction in early 2024 at the Tobène substation in Thies and is expected to become operational in 2025. Once completed, the system will be one of the largest of its kind in West Africa and will help Senegal avoid approximately 37,000 tonnes of carbon dioxide emissions each year. Have you read?



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