

Burkina Faso Centralized Energy Storage Power Station Project



Overview

The project is earmarked to deliver 150MWp of solar PV power integrated with a 50MW battery energy storage system (BESS) to the national grid over a 25-year term. Dutch developer Gutami Holding has signed a 25-year power purchase agreement with Burkina Faso's national utility to supply electricity from a planned 150 MW solar project paired with 50 MWh of storage. We analyze market trends, technical challenges, and opportunities for foreign investors in West Africa's renewable energy landscape. With just 26% of the population currently connected to the grid, the project. The project involves the construction of a 25 MW solar power plant at the Donsin airport site, located in the council of Loumbila in central Burkina Faso. Operational since March 2024, this 137MWh lithium-ion facility isn't just another battery project - it's solving three massive problems simultaneously: Wait, no - let's backtrack.

Burkina Faso Centralized Energy Storage Power Station Project



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The project aims to ease power shortages, strengthen grid stability and reduce Burkina Faso's reliance on imported electricity from neighboring countries.

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Does Burkina Faso have operational energy storage projects? While no utility-scale projects exist yet, several pilot microgrids with battery storage are being tested in rural areas.



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