

Kongres Container

Kenya Power Generation and Energy Storage Project



Overview

Kenya Electricity Generating Company (KenGen) is powering forward with its green energy ambitions, officially launching the prequalification process for a 42.5 MWac solar PV plant and a 3 MW / 4.5 MWh battery energy storage system (BESS) at its iconic Seven Forks hydro complex. Who is the implementing agency for the Kenyan battery energy storage system?

The Kenya Electricity Generating Company PLC (KenGen), has been designated to be the Implementing Agency for the Kenyan Battery Energy Storage System (BESS), which is part of the Kenya Green and Resilient Expansion of Energy (GREEN) program, funded by the World Bank.

What type of energy does Kengen produce?

KenGen is the leading electric power generating company in Kenya, generating 1904MW, which represents a market share of 65% of the nation's installed capacity, making KenGen the largest energy producer in East Africa. The company's energy mix includes Hydro (825.69 MW), Geothermal (799 MW), Solar (253.5MW), Wind (25.5MW).

Will Kengen implement a 100MW Bess project in 2024?

KenGen has announced that it will implement an initial 100MW BESS project as part of the World Bank funded GREEN program in early 2024. The BESS project has been identified as a possible solution to increased proportion of intermittent energy to the Kenyan power system and energy curtailment during off peak hours.

Where is the Seven Forks solar-plus-storage project located?

Located near Kamburu Dam in Embu County, approximately 150 km northeast of Nairobi, the Seven Forks solar-plus-storage project will not only inject clean energy into the national grid but also enhance grid stability through integrated battery storage. The scope includes:

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