

## ContainerPower Energy Solutions

# Kenyan new energy companies engage in energy storage



## Overview

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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.

Does Kenya need battery energy storage?

A battery energy storage. The question of power storage has become critical as Kenya embraces e-mobility which requires reliable power supplies. The Energy and Petroleum ministry targets to mainstream power storage in its electricity master plan as the country's renewable energy generation expands.

Can a 50MW wind power plant be built in Kenya?

Separately on September 9, 2019, the US Trade and Development Agency awarded a grant to Kenya's Craftskills Energy Limited for a feasibility study by an American firm, Delphos International for the development of a 50MW wind power plant with integrated battery storage capacity in Kenya.

How much Bess is needed in Kenya?

Kenya Power projected that more than 480MW of BESS are required across different locations in the country, such as western Kenya, where there is inadequate transmission capacity at peak times as well as at substations along Kenya's coast.

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).

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