

# Namibia Power Station Energy Storage Equipment Retrofit Plan



## Overview

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In light of this situation, KfW offered to finance a Battery Energy Storage System (BESS) project to support the power grid. In this context, we conducted a detailed feasibility study to identify the optimal location, technology, configuration and use cases for the BESS.

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### [Namibia Power Station Energy Storage Equipment Retrofit Plan](#)

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### World Bank Document

The Harambee Prosperity Plan II (HPP-II),<sup>7</sup> launched in March 2021, is Namibia's presidential socioeconomic development plan, which articulates Namibia's plans for low carbon growth.



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To strengthen Namibia's transmission network and enable integration of renewable energy generation. Has the Development Objective been changed since Board Approval of the Project Objective?

### Namibia Country Window

Building and Strengthening of capacities for long-term energy planning for public sector partners, including the interpretation and use of model-based scenarios



### [Transmission Expansion and Energy Storage Project \(P177328\)](#)



### Environmental Management Plan Proposed Construction and

ing stored energy when needed, battery storage systems can optimize the use of renewable energy and reduce the need for backup power from fossil fuel plants. This flexibility is essential for maximizing the



### **Namibia energy storage project bidding**

One of the most important inputs for economic growth is an abundance of reliable, affordable energy and Namibia is increasingly coming under pressure to deliver a power supply that



The indicator presents the additional transmission capacity the Namibian network between Auas and Kokerboom can sustain (under the most onerous contingency conditions) following the completion of



### Mega battery to facilitate breakthrough for renewables in Namibia

Namibia has great potential for solar and wind energy, but so far it has not been able to store enough electricity. This is to be changed by a large storage facility, which is created with KfW support.



### **54 MWh battery energy storage system, Namibia**

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## Microsoft Word

Namibia's National Integrated Resource Plan (NIRP) determines and identifies future generation capacities required to meet the country's electricity demand. At the time when this Report was



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