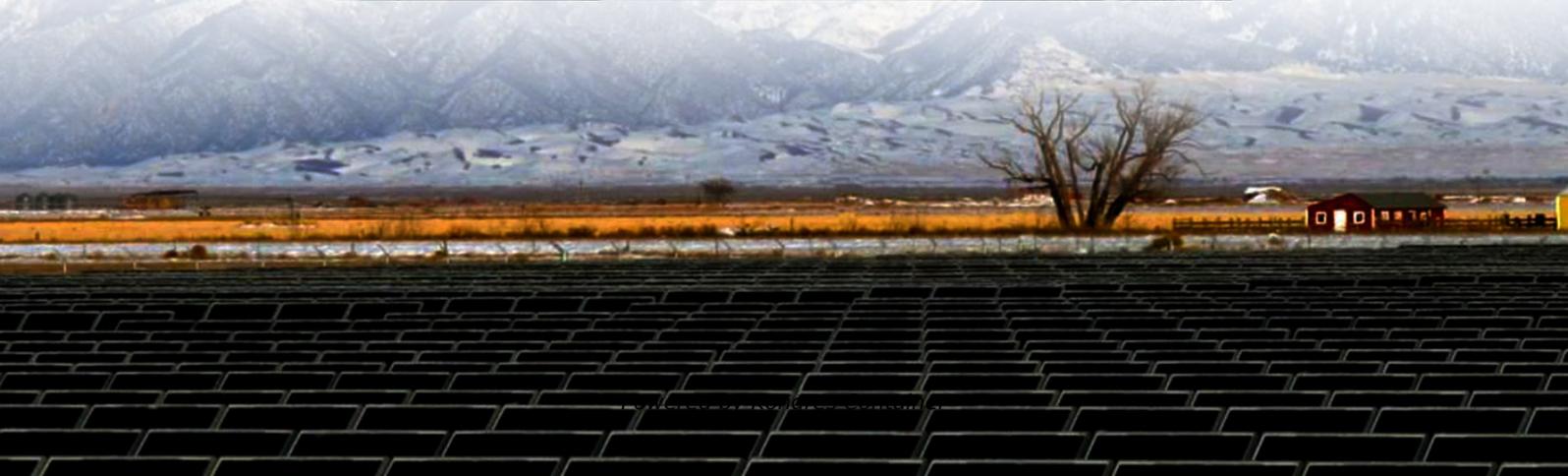
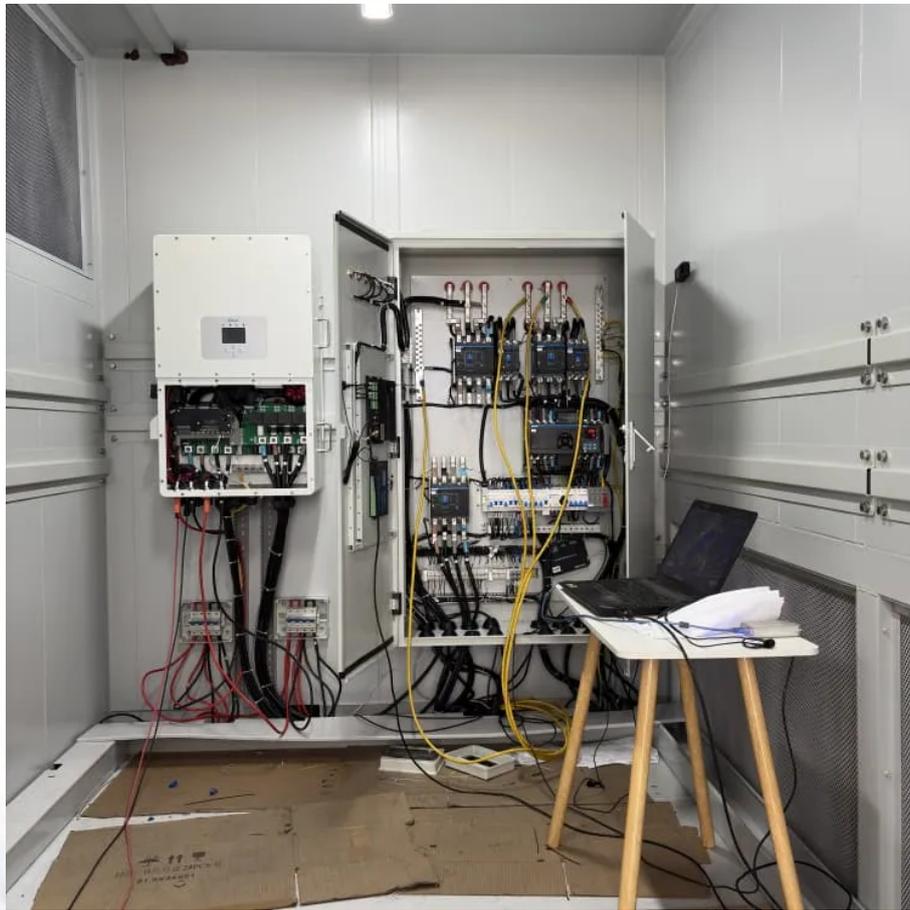


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Mozambique Government on Base Station Energy Management System



Overview

What are the national strategies for Mozambique?

Law n.º 11/2017, of September 8 th. The central goal of national strategies in Mozambique is to achieve countrywide energy access by 2030. The Integrated Power Sector Master Plan from EDM is the main policy for Mozambique. It has a set goal to increase installed capacity to 6,001 MW by 2030 and 20% integration of renewable energy in the grid.

What is Mozambique's integrated power sector master plan?

The Integrated Power Sector Master Plan from EDM is the main policy for Mozambique. It has a set goal to increase installed capacity to 6,001 MW by 2030 and 20% integration of renewable energy in the grid. The institutional, financial and technical approach to reach these goals is defined by the National Electrification Strategy (ENE) .

What is Mozambique's rural electrification strategy?

Mozambique's state-owned utility, EDM has developed a strategy as well (often referred to as the Rural Electrification Strategy) to ensure the development of the energy sector in Mozambique and drive its growth as an important market in the Southern African region . These initiatives are based on Sustainable Development Goal (SDG) 7.

Why is Mozambique a major energy exporter?

Mozambique is a net exporter of energy to countries in the Southern African Power Pool (SAPP) – South Africa being the largest importer. The government view energy exports as a key driver of the Mozambican economy, having passed a new electricity law that simplifies permitting and encourages IPPs activities.

How much electricity does Mozambique have in 2021?

Despite this huge generation potential only 38.6%1) of its population had

access to electricity in 2021. The total installed power capacity in Mozambique stood at around 2,800 MW in the year 2021 whereas the peak demand reported by the state-owned energy utility Electricidade de Moçambique (EDM) was at 1,035 MW.

What is the optimal power system expansion plan for Mozambique?

The optimal power system expansion plan if wind and solar capacity are allowed to triple to reach almost 3 GW by 2032. Currently, the power system of Mozambique is separated into two transmission networks isolated from one another: the Central-Northern and Southern systems. Over 50% of the annual power demand is seen in the Southern system.

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