

## **PDEOZE PowerContainer**

# **Namibia outdoor power supply new model**



## Overview

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Why does Namibia require a power supply?

Namibia requires a power supply because 61% of its energy is currently imported, and local generation only produces 39% of its electricity.

Who can develop small power generation facilities in Namibia?

Parties interested in developing small power generation facilities may also look to some of Namibia's Regional Energy Distributors (REDs). Some REDs are looking to develop their own - albeit limited - generation capacity. Partnering with a RED familiar with the ECB's IPP framework might result in faster project implementation.

Does Namibia accept unsolicited power generation projects?

The Electricity Control Board (ECB), Namibia's electricity regulator, accepts unsolicited power generation projects through its IPP framework. The Minister of Mines and Energy has final authority to approve/refuse IPP licenses, but the ECB makes recommendations on license applications, which the Minister has historically followed.

Does Namibia need electricity?

Namibia is heavily dependent on imports for its energy supply. All fossil fuels (coal, fuels) must be imported. Despite the small population and the low electrification rate of 56%, only about 40% of the country's electricity needs can be met from its own generation capacities.

Why is Namibia not getting enough electricity?

Namibia's domestic electricity supply has failed to keep pace with rising demand, and Namibia generates less than half of the energy it consumes.

Does Namibia have a solar power plant?

The government, the ECB, and NamPower have all expressed interest in grid-connected solar and wind renewable solutions, and in May 2015, Namibia inaugurated its first-ever solar power plant – a 4.5 MW plant – which represents one percent of the country’s current production of energy.

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