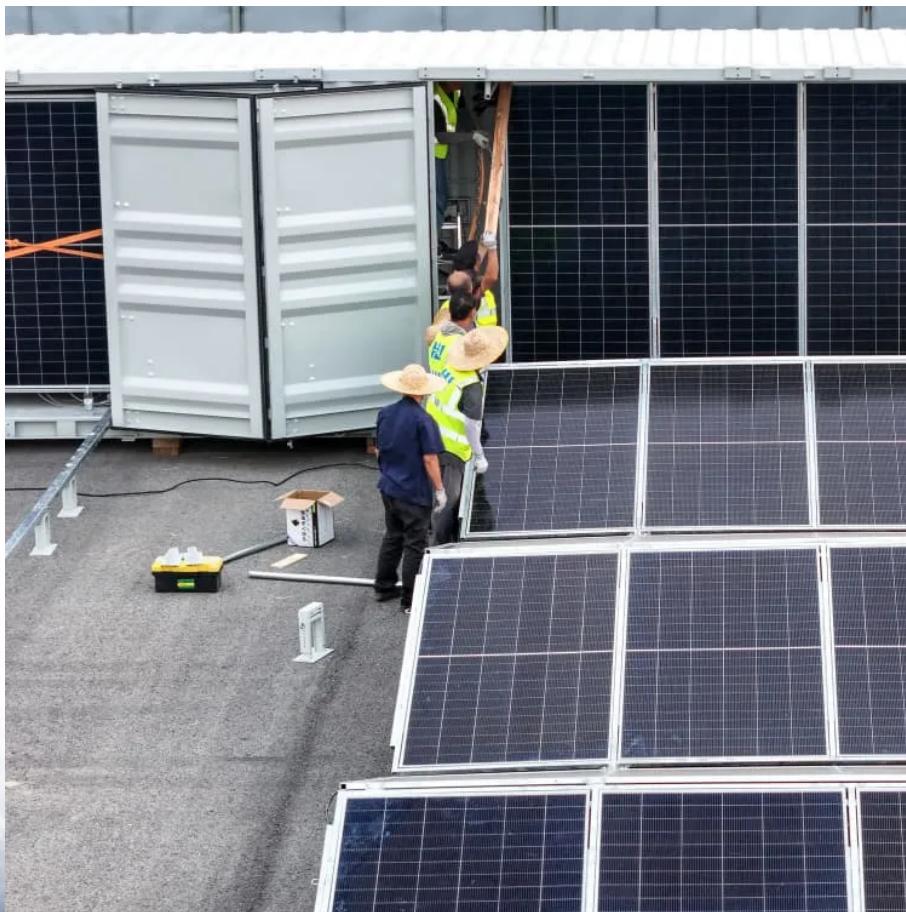




FTMRS SOLAR

Namibia's solar container communication station inverters are mostly connected to the grid





Overview

Can Namibia's solar PV capacity be expanded?

HopSol spoke with ECP about how Namibia's solar PV capacity can be expanded and further integrated with the national grid.

Does Namibia have a power grid?

Most un-electrified areas in Namibia are far away from the national grid and considered to have low population densities or highly dispersed settlements. Hence, it is often neither technically nor economically viable to provide access to modern energy services using the utility grid connection (Ministry of Mines and Energy 2017a).

Why does Namibia have a solar power system?

This is quite paradoxical as Namibia has one of the highest solar irradiation levels in the world, providing the possibility to generate large amounts of solar electricity at very low costs and to electrify rural areas through solar off-grid systems.

Can off-grid solutions improve energy independence in Namibia?

Fostering current endeavors to increase the dissemination of solar energy supply through the uptake of off-grid solutions is therefore an essential step not only toward greater energy independence, but also toward lower national electricity prices. The Namibian electricity supply industry started a transformation process in the 2000s.



Namibia's solar container communication station inverters are most

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