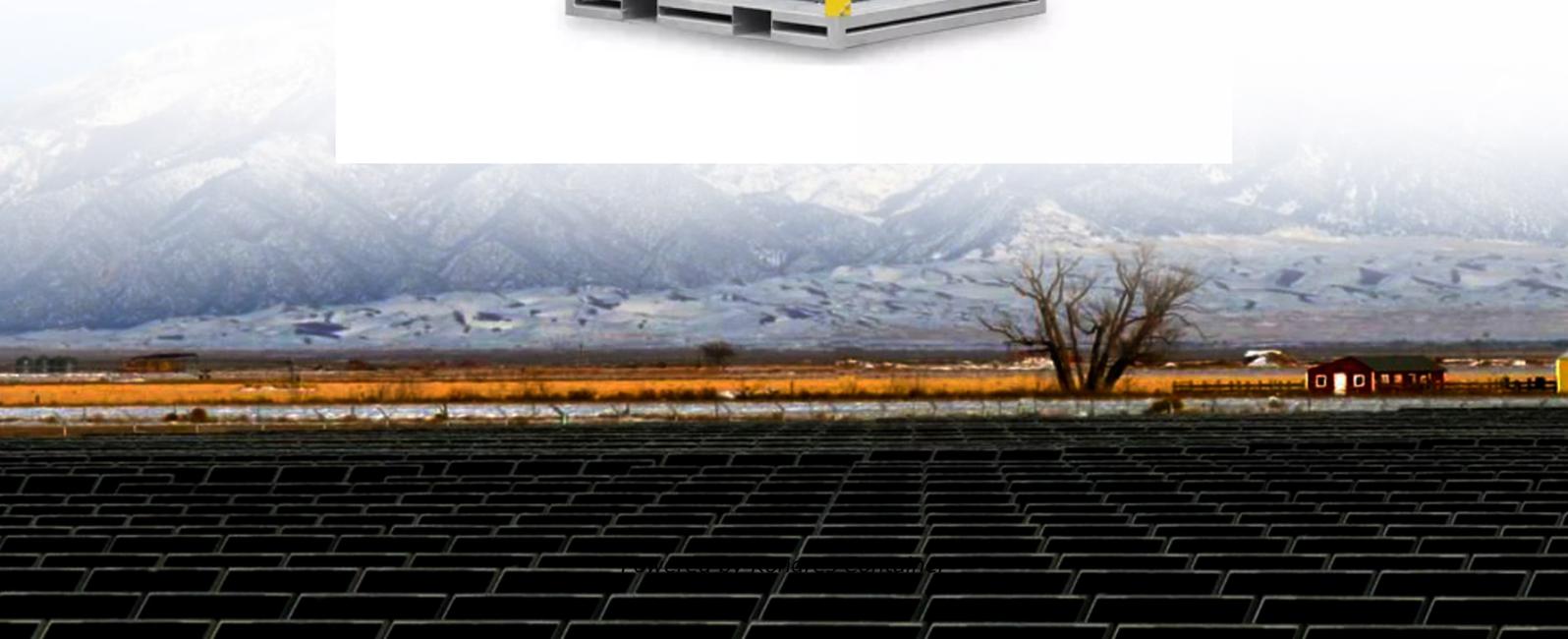


## Kongres Container

# Seychelles communication base station inverter connected to the grid



## Overview

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Will PV affect the small power system in Seychelles?

If Photovoltaic (PV) systems grow on the power system in Seychelles, issues such as the impact on system frequency due to PV output fluctuations are expected. There are concerns that it may prevent Seychelles from achieving its ultimate renewable energy goal of "15% renewable energy deployment rate by 2030.

Can Seychelles promote the deployment of PV in the future?

To promote the deployment of PV in Seychelles, it would be necessary to address the impact of PV output fluctuations on the grid. Okinawa Prefecture, an island region similar to Seychelles, has implemented measures for this purpose as one solution.

What is the purpose of the Seychelles microgrid project?

The Seychelles microgrid project aims to help develop a microgrid deployment plan for remote islands in Seychelles and an operating structure for grid stabilization technology. This includes assistance with evaluation methods to determine the RE integration capacity. (The second point is not directly related to the question and can be omitted to maintain focus on the answer.).

What is the main power supply in the Republic of Seychelles?

The main power supply in the Republic of Seychelles is diesel power generation, which is dependent on imports for almost all of its primary energy.

What is the planned mega solar installation site in Seychelles?

The planned mega solar installation site in [Country] Seychelles [Region] Mahe is not directly mentioned in the provided passage. However, the passage does state that the solar irradiance and temperature data is for Mahe.

What is the Seychelles Energy Act?

The Seychelles Energy Act, enacted in December 2012, has established a Feed-in Tariff scheme (FIT), Clean Development Mechanism (CDM), and other relevant institutions. According to the Act, renewable energies such as wind and solar power are already connected to the grid in the Seychelles.

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