

SolarTech Power Solutions

Seychelles solar battery storage



Overview

Recent solar and battery storage projects have helped some of the Seychelles' outer islands reduce their reliance on diesel from 100% to around 20%, which is a significant milestone for a nation with such unique geographical limitations. What is the energy storage system in the Seychelles?

The project includes an energy storage system with a capacity of 5MW and 3.3 megawatt-hours (MWh), allowing for the safe and stable supply of electricity from the PV power plant to the main island of Mahé and further increasing the resilience of the national grid of the Seychelles.

Does the Seychelles use fossil fuels?

The Seychelles currently relies on fossil fuels, which account for around 20 percent of its imports, to meet its electricity demand. It is estimated the Ile de Romainville solar project will save approximately 2 million liters of fuel annually.

How many liters of fuel will the Ile de Romainville solar project Save?

It is estimated the Ile de Romainville solar project will save approximately 2 million liters of fuel annually. Romainville Solar Park is a 5-megawatt (MW) solar photovoltaic (PV) power plant with battery storage in the Republic of Seychelles.

Who financed the Seychelles wind turbine project?

The project was financed by Abu Dhabi Fund for Development (ADFD), and is being developed by Masdar and the Seychelles' Public Utilities Corporation (PUC). The PV array is specifically designed to maximise the use of available land, while allowing for maintenance of the wind turbines and minimising any shading losses resulting from them.

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