# **SOLAR** PRO. Seychelles zonergy battery

## Where are the solar power plants located in the Seychelles?

The facilities include the 5MW solar PV plant located in Ile de Romainville, a 3.3 MWh energy storage system located on Mahé and a 33kV system that allows for the safe and stable supply of electricity from the PV power plant to the main island of Mahé. This system helps increase the resilience of the national grid of the Seychelles.

## What products does Zonergy offer?

As a leading solar energy equipment supplier, Zonergy offers an extensive product portfolio featuring four major categories: residential products, commercial products, large-scale power station products, and photovoltaic module products.

# How much energy will Seychelles save a year?

It is estimated that the project will save approximately 2 million litersof fuel annually and offset 6,000 tonnes of carbon dioxide. Seychelles relies heavily on fossil fuels to meet its electricity demand, with fossil fuels accounting for around 20% of the country's imports.

## Who is Zonergy?

Zonergy is committed to providing first-class smart micro-grid solutions for global customers. After years of development, Zonergy has accumulated strong technical strength and engineering experience, forming a first-class technology research and development, engineering implementation and market development team.

Does Seychelles use fossil fuels?

Seychelles relies heavily on fossil fuels on meet its electricity demand, with fossil fuels accounting for around 20% of the country's imports. The country has set a target of 5% renewables by 2020 and 15 percent by 2030.

Zonergy's sodium-ion battery energy storage demonstration project in Sichuan Province and the leading polyanion sodium-ion battery energy storage demonstration project in the country are among the most advanced in local China but also worldwide.

The Republic of Seychelles has inaugurated its second clean energy project, a 5MW solar PV plant with battery storage. Developed by Masdar and the Seychelles" Public Utilities Corporation (PUC), the Ile de Romainville Solar Park was financed by Abu Dhabi Fund for Development (ADFD).

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Zonergy''s 70 Ah sodium-ion battery cell has successfully passed tests in accordance with TÜV SÜD PPP 51096A\*, PPP 51097A\* and UL 1973 and has received TÜV SÜD type certification. These tests cover two different application scenarios for energy storage systems and electric vehicles, including International Electrotechnical Commission (IEC ...

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