

Solomon Islands to build 20GWh energy storage battery project





Overview

HONIARA, SOLOMON ISLANDS (12 September 2024)– The Asian Development Bank (ADB) and the Government of Solomon Islands are joining other partners to help Solomon Islands transition to renewable energy with a transformational project that will accelerate renewable energy generation and battery storage system installation, support power sector reforms, and promote private sector participation in the renewable energy generation. Who is financing a solar energy project in the Solomon Islands?

The Asian Development Bank, Saudi Fund for Development, and Solomon Power are all financing the project. A project is now underway on the Solomon Islands to help the country accelerate its renewable energy generation.

What is the power generation capacity of Solomon Islands?

The power generating capacity of the Solomon Islands is currently 10.2 MW, which is equal to its peak load capacity. One mining company in the Solomon Islands generates its own electricity with a power capacity of 11 MW and a peak load of 8 – 9 MW.

Can micro-hydro supply the Solomon Islands' electricity needs?

It is suggested micro-hydro has the potential to supply the significant bulk of Solomon Islands' electricity needs. However, it is argued that current international donor transparency procedures associated with feasibility studies have created an environment that stalls developments.

How to reduce energy consumption in Solomon Islands?

Air conditioning in government offices and business houses is a significant contributor to energy consumption in Solomon Islands. Proper maintenance and the introduction of more efficient air conditioners with controls that allow the system to shut down when not needed are ways to reduce energy consumption in this area.

How did the Solomon Islands make getting electricity easier?



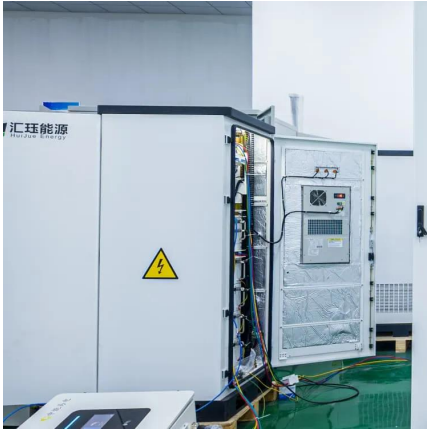
The Solomon Islands made getting electricity more accessible by improving procurement practices for the materials needed to establish new connections. Starting a Business: Making it easier to start a business, the Solomon Islands implemented an online registration process.

How is the Solomon Islands project funded?

The project is being funded by a \$10 million concessional loan and a \$5 million grant from the Asian Development Bank (ADB), while the Saudi Fund for Development and state-owned Solomon Power are providing \$10 million each. The government of the Solomon Islands is providing \$7 million.



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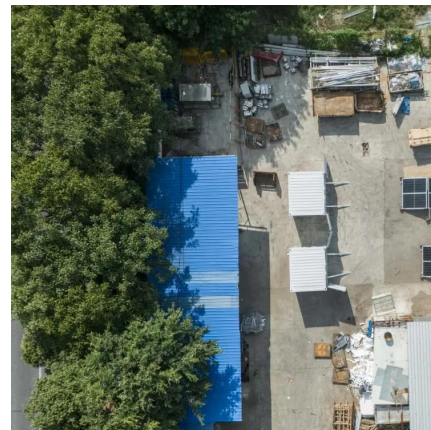


[ADB, Partners to Help Solomon Islands Transition to Renewable Energy](#)

"It will install additional solar capacity in the country and deliver the largest grid-connected battery storage system in the Pacific, which is a crucial first step in expanding grid ...

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The Solomon Islands project installs solar farms in Guadalcanal and Malaita provinces, providing a total capacity of 2.5 megawatts. The project



will introduce Solomon Islands' first utility-scale
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