



Solomon Islands backup power station

What is the Solomon power project?

The Project forms part of a broader initiative of Solomon Islands Electricity Authority(SIEA),trading as Solomon Power,the state-owned enterprise responsible for energy generation and distribution within the Solomon Islands. Solomon Power has recently started to invest in strengthening and expanding its system.

How much will a solar PV project cost in Solomon Islands?

Component 3: US\$ 2.5million to add grid-connected solar power to contribute to the overall share of renewable energy in Solomon Islands energy mix. Solomon Power has identified three possible sites for grid-connected solar PV, not all of which are likely to be funded under the Project. These include:

Who is responsible for implementing a project in the Solomon Islands?

Solomon Powerwill be the implementing agency for the project and will have overall responsibility for project management. MMERE will oversee the implementation of the project on behalf of the Solomon Islands Government.

Is Solomon power constructing a new outstation in malu'u?

This is the first time in 31 years that Solomon Power is constructing a new outstation the last one being in Malu'u. The scope includes solar panels,battery storage system,back up diesel generator and 415 V distribution network to connect about 200 customers at each of these sites in Western Province and Choiseul Province.

How will solar power benefit the Solomon Islands?

This will provide access of low-income households to electricity in Peri-urban and rural areas of Solomon Islands,and by increasing the generation capacity of renewable energy facilities(solar PV) in the Islands.

Where is Solomon power constructing a mini hybrid outstation?

Hybrid Generation systems in Seghe and Taro This project commenced in late 2015 to construct two new mini hybrid outstations. This is the first time in 31 years that Solomon Power is constructing a new outstation the last one being in Malu'u.

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The project is funded by grants from ADB and the Strategic Climate Fund, and by funding from the Solomon Islands Government (SIG). The project involves installation of solar-diesel hybrid systems with battery (energy) storage at Solomon Power's provincial power stations to reduce reliance on diesel usage.

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The Lungga project represents the largest infrastructure investment in the Solomon Islands in more than twenty years, and will restore much needed reliability to Honiara's electricity supply. As the power station is the main source of power for the nation's capital, more than 65,000 residents will benefit from the upgrade.

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development of more than 40 proposed hybrid power generation and mini-grid distribution systems in the next ten year period. Solomon Power is committed to expand its service both in Honiara, rural areas on Guadalcanal and other outer islands. The initial connection fee is an impediment that cannot be overcome without financial support.

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The Solomon Islands National Infrastructure Investment Plan (SI NIIP) was issued in 2013. It outlines the Solomon Islands' priorities and plans for major economic infrastructure over the following five to 10 years. The plan focuses on strategic investments important to the future of the Solomon Islands.

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