

SolarInnovate Energy Solutions

Majuro Rural Solar Power Generation System



Overview

Why does Majuro need a new power system?

In order to stabilize power service, the Marshalls Energy Co. was forced to import more than half-a-dozen rental containerized generators last year that currently provide the backbone of Majuro's power. International donors and the Marshall Islands government have lined up to fund a huge overhaul of the power system for Majuro.

How much electricity does the Majuro system generate?

Serving the country's capital, the Majuro system accounts for 72% of electricity generated and consumed in RMI (with Ebeye in Kwajalein Atoll accounting for 24%, and outer islands representing the balance).

What is the Majuro power network strengthening project?

The proposed Majuro Power Network Strengthening Project will consist of: Package 1, procurement and installation of an advanced metering infrastructure (AMI); consulting services for capacity-building within MEC and preparation of business-process reengineering recommendations and action plans. 38.

How much fuel does Majuro use per year?

Diesel generation accounts for approximately 98% of the Majuro system's annual power generation of 53.7 GWh, consuming approximately 3.8 million gallons (14.4 million liters) of fuel per year.

Where are Marshalls Energy's Solar panels located?

The Marshalls Energy Co.'s solar panels are on school and government building rooftops. Photo courtesy of Marshall Islands Energy Co. In order to stabilize power service, the Marshalls Energy Co. was forced to import more than half-a-dozen rental containerized generators last year that currently provide the backbone of Majuro's power.

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Solar power generation by PV (photovoltaic) technology: A ...

May 1, 2013 · Solar power is the conversion of sunlight into electricity, either directly using photovoltaic (PV), or indirectly using concentrated solar power (CSP). The research has been ...

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