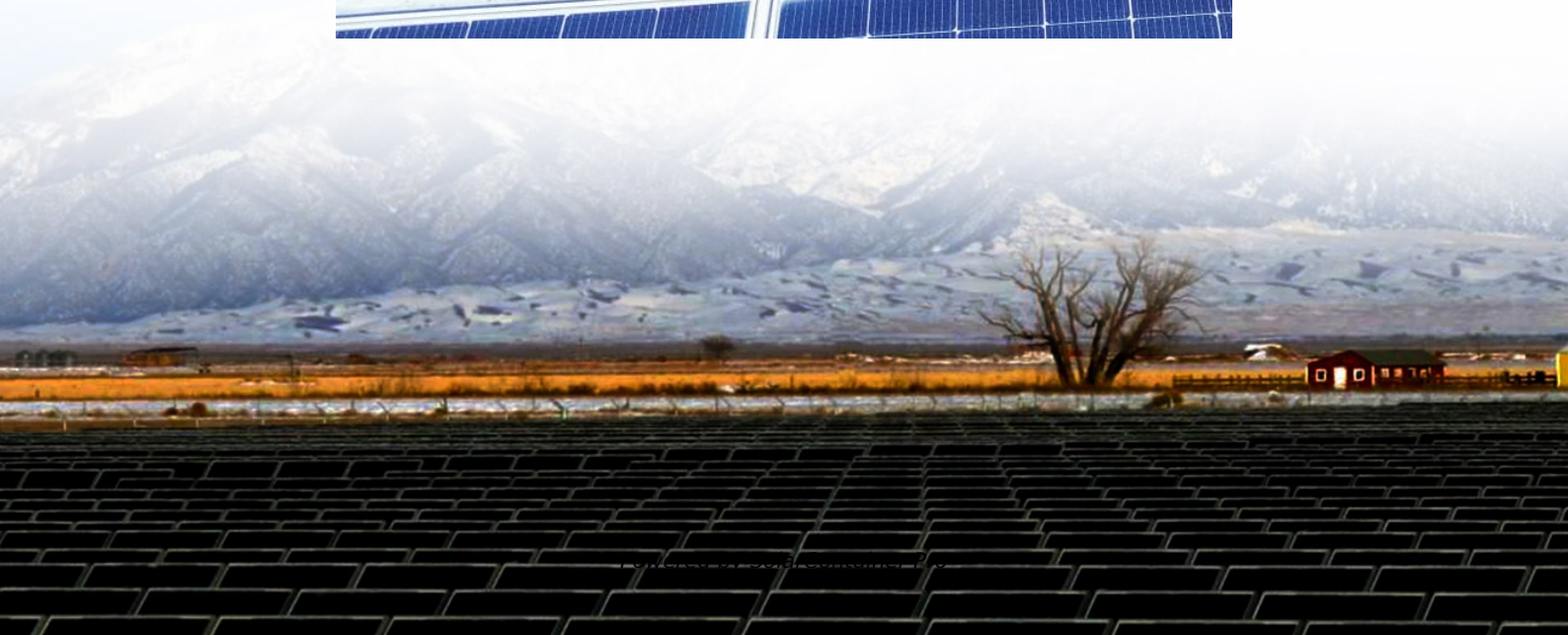


Fiji s energy storage exports





Overview

What are the main sources of energy in Fiji?

The primary sources of energy include: Hydropower: A major contributor to Fiji's renewable energy capacity, hydropower accounts for approximately 50% of the country's electricity generation. Fossil Fuels: Diesel and other petroleum products remain significant, particularly for transportation and electricity generation in remote areas.

How can Fiji meet its energy needs?

In line with this plan, assessments have shown that a combination of solar, wind, geothermal, marine, biomass, and biofuel could be used to meet Fiji's energy needs. Currently, as much as 40 percent of Fiji's power is generated from diesel and heavy fuel oil, which is purchased via local companies from Singapore-based suppliers.

Does Fiji have a nuclear power station?

Fiji neither has any fossil fuel energy resources nor any nuclear power stations. It imports all its fuel requirements for transportation and electricity. Renewable energy resources are mainly used for electric power generation. Due to geographical location of Fiji, it has good renewable energy resources such as solar, wind, biomass and hydro.

What percentage of electricity is produced in Fiji?

Here, 45.4 % of grid electricity was produced by hydro, 50.9 % by diesel generators and the remaining by biomass. However, Fiji's transport sector is completely dependent on fossil fuels with fuel import bill equivalent to an average 58 % of export earnings and taking up 21 % of total import bill.

What is the energy demand in Fiji?

The energy demand in Fiji is steadily increasing, driven by population growth, economic development, and a push toward industrialisation. Urban centres



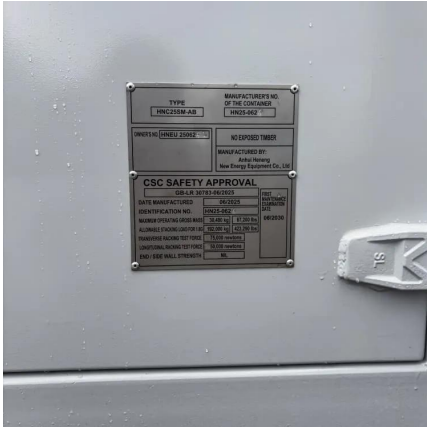
such as Suva and Nadi account for the majority of energy consumption, while rural areas often depend on decentralised and off-grid solutions.

Does Fiji have a fuel source?

Fiji does not have any “in country” conventional fuel source. It imports all mineral fuel products. Australia, New Zealand and Singapore are the top three countries from where fuel is imported in Fiji. Part of this imported fuel is then re-exported to other Pacific Island Countries.



Fiji s energy storage exports



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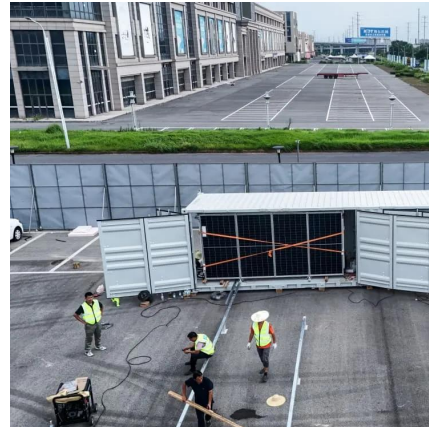
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However, Fiji's transport sector is completely dependent on fossil fuels with fuel import bill equivalent to an average 58 % of export earnings and taking up 21 % of total import bill.

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Market Forecast By Type (Lithium-Ion Batteries, Hydrogen Storage, Flywheel Energy Storage, Compressed Air Energy Storage), By Application Area (Wind Energy Storage, Offshore ...

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With this understanding at the forefront, this Policy takes a holistic view of Fiji's energy sector and sub-sectors and puts forward clear objectives that seek to ensure that our decisions are ...

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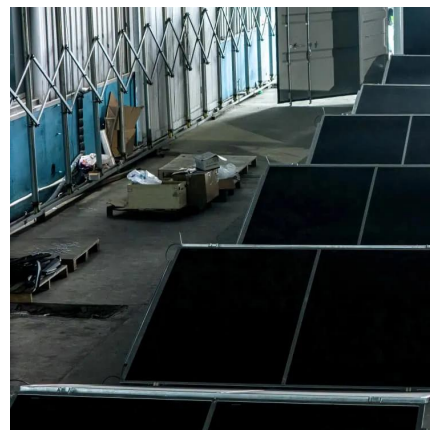
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