## Fiji solar thermal energy



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Energy Fiji Limited (EFL) is the main generator and distributor of grid-based power to an estimated 90 percent of the population on the main islands of Viti Levu, Vanua Levu, and Ovalau. EFL aims to be 90 percent renewable powered by 2025 and 99 percent by 2030. At least 4 percent of the total population are still without proper access to electricity. Essential services such as healthcare, education, water supply, and airport services are heavily dependent on on-grid electricity supply. Fiji"s energy security is further impacted by the threats of climate change. Dry periods can severely impact and reduce water supply and flooding causes wastewater to overflow and seep into local flora and fauna.

Incentives are offered to encourage investments in energy generation through renewable energy sources and to reduce reliance on fossil fuels. Fiji has untapped renewable energy resources such as hydro, wind, biomass, solar, and geothermal, which can be used for energy generation. Opportunities exist for replacing fossil fuels used in ground transport through expanding the use of biofuels, hybrid, and electric vehicles, and for investments in small-scale renewable energy systems. There is further potential for use of renewable energies in maritime transport and improved efficiency of vessels and engines.

Pacific Power Association

International Trade AdministrationU.S. Department of Commerce1401 Constitution Ave NWWashington, DC 20230

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