

Why is electricity Fiji Limited a good company?

Electricity Fiji Limited has been working wisely by considering the geographic advantages to produce a liable mix of renewable energy projects across the country, using tailor-suited solutions where they best fit.

What renewable resources are available to Fiji?

The analysis of data for different sources of energy demonstrates that the potential renewable resources available to Fiji are hydropower, solar energy (photovoltaic and thermal), bioenergy, wind energy, ocean energy, tidal energy and geothermal energy.

How is energy provided in Fiji?

The provision of energy in Fiji is provided through electrical power grids consisting of microgrids installed in Government facilities and community-run in rural areas. Furthermore, diesel generators and solar home systems also are utilized as a way of power providers.

What is Fiji's offshore wave energy?

It is highlighted that offshore wave energy for Fiji is similar to that of the south of the Tonga group and slightly lower than the Southern Cook Islands. Viti Levu and Vanua Levu are capable of generating wind power of 9 kW /m.

Where in Fiji is EFL generating power?

EFL developed a 40 MW hydropower generating facility at Nadarivatu representing the 2nd largest in Fiji -- generating 98% of its designed electricity production output in 2013 . About 80 MW of estimated hydropower capabilities are found on Viti Levu.

How much wind power can Fiji generate?

Viti Levu and Vanua Levu are capable of generating wind power of 9 kW /m. The high energy coastlines can also be found here with similar levels to that of the southern coast of Kadavu. Reddy and Ahmed reported that Taveuni island in Fiji could generate 12 kW m - 1 wave energy monthly.

### 2.3. Tidal energy

The analysis of data for different sources of energy demonstrates that the potential renewable resources available to Fiji are hydropower, solar energy (photovoltaic and thermal), bioenergy, wind energy, ocean energy, tidal energy and geothermal energy.

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