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By harnessing its abundant solar, wind, and geothermal resources, Tonga can reduce its dependence on imported fossil fuels, lower its carbon footprint, and enhance its energy security. Furthermore, Tonga's successful implementation of renewable energy plans can serve as a beacon for other small island nations in the Pacific, demonstrating how ...

known as the Tonga Energy Road Map (TERM), wind power generation was identified to be potentially feasible. For this purpose, the Energy Division of the Ministry of Environment, Climate Change and Natural Resources (MECC) in Tonga has an ongoing wind resource monitoring campaign, which started data collection in July 2010.

Tonga Power alongside the government of Tonga realizes this problem and has set a target that by 2030, 70% all electricity generation sources will be generated from renewable energy sources. Currently we have invested in power from the wind and from the sun. [Click here to find out more on our Renewable Energy Progress](#)

This is an Environmental Impact Assessment report at Niutoua, Hahake District Area, with consideration of the Tonga Power Limited's proposed wind farm. This is the eastern coast of Tongatapu Island, the capital island of the Kingdom of Tonga. The principal objective is to improve energy supply with an increasing use of renewable energy.

Wind energy has emerged as a promising solution to the global quest for sustainable and clean energy sources. As countries around the world strive to reduce their carbon footprint and transition to renewable energy, the Kingdom of Tonga is no exception.

The 1.3 MW Wind Power System will be the first ever Wind Power Project of Japan's Grant Aids in the World. This Wind Power Plant will cut the cost of Tonga's diesel fuel import for the existing thermal plant 1.5 million Tongan pa"anga per year.

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The Ii "o Manumataongo 1.3MW Wind farm is a donor funded project from the Government of Japan to Tonga worth 20 million USD. The 1.3MW Wind farm is part of Tonga's Renewable Energy Roadmap, which aims to reduce our existing electricity generation method of burning fossil fuels to a more sustainable



# Tonga wind energy solution

electricity generation method which is ...

Tonga's first ever large scaled wind farm with a capacity of 1.3 MW, completed in 2019. The guyed tower ensures that all maintenance operations can be done at the ground level. The unique system largely reduced maintenance cost and dramatically ...

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