

Uninterruptible power supply production in Tonga





Overview

Why did oirep work with Tonga Power Limited?

OIREP's on-grid work was always a matter of laying the foundations for further investment in renewables and enjoyed the ease of working through one implementing partner – Tonga Power Limited – who were incentivised to help ensure the program succeeded given they will manage all on-grid assets post-project.

How did the oirep project impact Tonga?

The project achieved its proposed impact, in terms of helping Tonga reduce its dependence on imported fossil fuel for power generation with OIREP assets estimated to have reduced diesel usage by 0.5 million litres annually. Central to the project outcome was the provision of on-grid and off-grid generation solar power at reduced cost.

Can Australia help secure Tonga's outer island energy needs?

Australia also has a long history of engagement in relation to helping secure Tonga's outer island energy needs. In the early 2000s, Australia funded the Ha'apai Outer Islands Electrification project (HOIEP), which involved the installation of diesel-powered generators and electrical reticulation on four islands in the Ha'apai group.

How can oirep help Tonga's remote island communities?

However, significant needs and opportunities exist to further expand renewable energy systems on outer islands. Less tangible, but also important is the role played by OIREP in consolidating Tonga's social contract with remote island dwelling communities, by allowing for enhanced and more reliable access to electricity.



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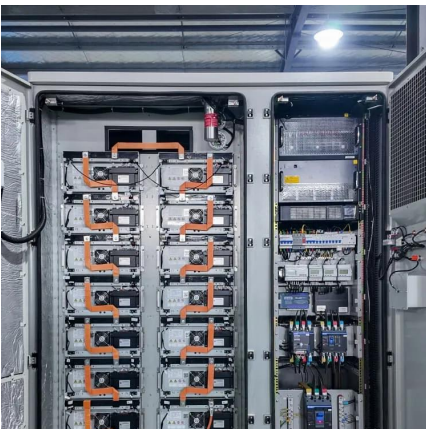
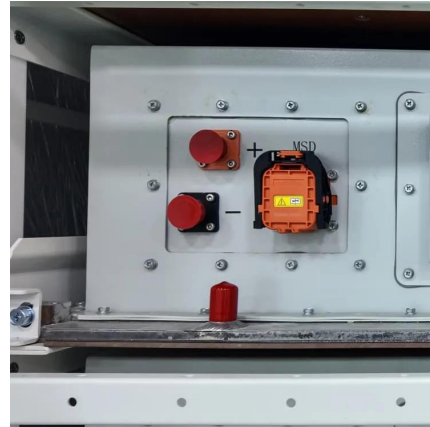


[Renewable Energy , Tonga Power Limited](#)

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.

[Tonga Generator BESS Revolutionizing Uninterruptible Power Supply](#)

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addresses: ...



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