

# **Tonga Off-Grid Solar Container 15MWh**





## Overview

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What is the Tonga solar project?

1. The project will construct and install solar power systems with a total capacity of 1.32 MWp on the outer islands of Tonga, and the existing grid network on the islands of Vava'u and 'Eua rehabilitated by TPL. (The rehabilitated grid network portions on Vava'u and 'Eua are expanded). 2.

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 many MWp of power will be built in Tonga?

1. THE PROJECT WILL CONSTRUCT AND INSTALL POWER SYSTEMS WITH A TOTAL CAPACITY OF 1.32 MWp ON THE OUTER ISLANDS OF TONGA, AND THE EXISTING GRID NETWORK ON THE ISLANDS OF VAVAU AND EUA REHABILITATED BY TPL (THE REHABILITATED GRID NETWORK PORTIONS ON VAVAU AND EUA ARE EXPANDED). (Phase 1): The plants have been built and are operational.

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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### **Tonga**

The two battery storage facilities installed in Tonga are complementary: the aim of the first 5 MWh / 10 MW battery is to improve the electricity grid's ...

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The two battery storage facilities installed in Tonga are complementary: the aim of the first 5 MWh / 10 MW battery is to improve the electricity grid's stability (regulating the voltage and ...



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### [Tonga : Outer Island Renewable Energy Project](#)

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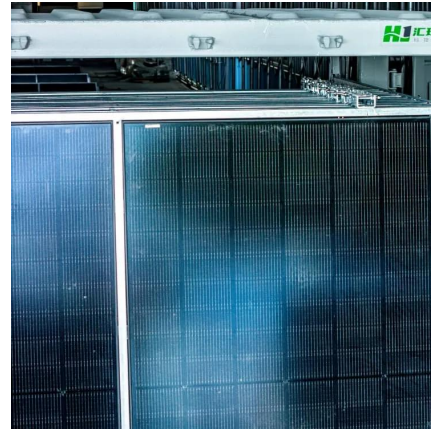
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### [OIREP , Tonga Power Limited](#)

The Tonga Outer Island Renewable Energy Project (OIREP) will construct Solar Photovoltaic (PV) power plants on 8 outer islands. The "on-grid" portion will be allocated to Ha'apai and 'Eua, ...



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