



Tonga community microgrids

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TREP 03 Lot 2 is leading by MEIDECC. A component to install Solar PV/BESS micro-grid including low voltage distribution for Ha"apai Outer Islands ("O"ua, Tungua, Kotu and Mo"unga"one) and Niuafu"ou.

The component is in its design stage. The detailed design is currently completed for approval by the PMU (Project Management Unit) and CSC (Construction Supporting Consultants).

Energy Department of Ministry of MEIDECC implements this component. Solar PV/BESS micro-grid, including distribution system, for the following islands in the Ha"apai group; "O"ua, Tungua, Kotu and Mo"unga"one and for the island of Niuafu"ou. The capacity of the Solar and storage for each island is shown in the below table

PROJECT GOAL to provide 100% renewable power through Solar and batteries to all households in the main villages of the islands of O"ua, Tungua, Kotu, Mo"unga"one and Niuafu"ou

BIDDING PROCEDURE AND CONTRACT AWARDS

Bidding was undertaken using International Competitive Bidding method with the Contract awarded to Infratec. the contract was signed 13th March 2020 with a current estimated completion date of October 2021

Tonga Power Limited is Tonga"s sole electricity provider. We generate, distribute and sell electricity to 25,043 customers in the Kingdom of Tonga, including the outer islands of "Eua, Ha"apai & Vava"u.

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