

Signing Ceremony for Tonga's Second Large Scaled Battery Energy Storage System



NUKU'ALOFA, TONGA (14th November 2019) — Tonga's second Large scaled Battery Energy Storage System (BESS) will be built at the Matatoa after an agreement was signed today between Tonga Power Limited and Akuo Energy SAS, an energy company specializing in developing and operating renewable energy power plants. Akuo Energy were also the successful contractor for the first grid stabilization battery to be located at Popua power station

Battery Energy Storage Systems are a vital component to reaching Tonga's 50% Renewable Energy target by end of year 2020. Battery Energy storage systems will be able to store renewable energy generated from our existing solar and wind generation sites and distribute it to the people of Tonga when required. This second Battery Storage system main function will be load shifting which will facilitate increasing capacity of renewable generation in the grid by storing solar generation during the day for use during evening peak and at night.

This project is funded through the TREP project which is co-financed through ADB, GCF fund and DFAT along with contributions from government of Tonga and TPL.

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The usable storage capacity of the BESS to be installed is 17.4 MWh at the end of life with the capability to charge and discharge at 5.0 MW. The project is expected to begin its planning and construction mid 2020 and commissioned in September 2020.

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The agreement was signed by TPL ACEO Mr. Steven 'Esau and Akuo Energy Chief Operation Officer, Adrien Nayan Bock. In attendance were reps from Asian Development Bank, Ministry of MEIDECC and TPL.



