



Tuvalu on grid solar battery storage

The battery energy storage system, packaged in two standard 20-foot shipping containers, will support the Funafuti grid while enabling increased use of variable renewable energy.

Tuvalu, an island nation midway between Hawaii and Australia, has commissioned a new solar-plus-storage project with the ADB, featuring a 500 kW, on-grid solar rooftop array and a 2 MWh BESS in the capital, Funafuti.

This year Infratec will also deliver a \$NZ8.4 million Solar PV (Photovoltaic) facility and battery energy storage system on Funafuti, with the Tuvalu Electricity Corporation. The project will include 770 kW of Solar PV and at least 1 MWh of battery storage, as well as upgrades to the existing power station controls, which will allow further ...

Tuvalu, an island country midway between Hawaii and Australia, has commissioned a new solar and storage project with the ADB, featuring a 500 kW on-grid solar rooftop array and a 2 MWh BESS in the capital, Funafuti. "The project is under the Pacific Renewable Energy Investment Facility and has a \$6 million support.

The ADB has splashed a significant amount of cash around the region for renewable energy - early last month we reported it awarded Nauru a USD \$22 million grant for a 6MW grid-connected solar power plant and a 5MW/2.5MWh battery storage system. That project alone will take Nauru from 3% renewables to 47%.

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project in Tuvalu is a prime example of the program's work in supporting the SIDS countries' transformation of their energy sectors to address climate change. As of October 2020, 60 percent of the equipment to build the solar installation (solar PVs, battery, pre-payment meters, and high frequency radio) has been delivered and stored.

The Asian Development Bank (ADB) and the Government of Tuvalu have officially launched a 500 kilowatt solar rooftop system in Funafuti, along with a 2 megawatt-hour battery energy storage system (BESS). This project will provide clean and reliable electricity to Tuvalu's capital and help the country meet its renewable energy goals.

Infratec is currently delivering a \$NZ8.4 million Solar PV facility and battery energy storage system on Funafuti, with the Tuvalu Electricity Corporation. The project, due for completion late 2020, will include 770 kW of Solar PV and at least 1 MWh of battery storage, as well as upgrades to the existing power station



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Web: <https://www.cuddably.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

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