

**NKOSITHANDILEB SOLAR**

# **Tuvalu Electric Energy Storage Project**



## Overview

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What is the Tuvalu solar power project?

The Government of Tuvalu worked with the e8 group to develop the Tuvalu Solar Power Project, which is a 40 kW grid-connected solar system that is intended to provide about 5% of Funafuti 's peak demand, and 3% of the Tuvalu Electricity Corporation's annual household consumption.

Will Tuvalu achieve 100% renewables by 2030?

The pacific island nation of Tuvalu is on track to achieving its goal of 100% renewables by 2030, with the recent commissioning of a 500 kW rooftop solar project and 2 MWh battery energy storage system in it's capital Funafuti. Image: United Nations Development Programme Pacific Office.

How TEC is powering Tuvalu with renewable resources?

TEC has set a vision of “Powering Tuvalu with Renewable Resources” and this align well with the Tuvalu Government set target of 100% renewable energy by 2025. All the islands of Tuvalu are on 24/7 power supply and the access rate is 100%. The outer islands are powered by hybrid solar PV system with diesel generator on standby.

What is Tuvalu doing with the ADB?

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.

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The pacific island nation of Tuvalu is on track to achieving its goal of 100% renewables by 2030, with the recent commissioning of a ...

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 ...

OverviewSolar energyTuvalu's carbon footprintTuvalu Energy Sector Development Project (ESDP)Commitment under the Majuro Declaration 2013Commitment under the United Nations ...

The pilot project was a trigger for the Government of Tuvalu and the Tuvalu Electric Corporation to integrate the use of locally available renewable energy sources in the country's power policy ...

Institutional stakeholders are the Tuvalu Electricity Corporation as implementing agency, and the Ministry of Foreign Affairs, Trade, Tourism, Environment and Labour. Grass roots stakeholders ...

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The Asian Development Bank (ADB) and the Government of Tuvalu have launched substantial clean energy infrastructure in Funafuti, Tuvalu. This project includes a ...

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## Contact Us

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