



**EQACC SOLAR**

# **South Tarawa Solar Water Pump**



## Overview

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What is the South Tarawa water supply project?

The Green Climate Fund, in partnership with the government of Kiribati, the Asian Development Fund, the World Bank and the Global Environment Facility, is enabling the implementation of the South Tarawa Water Supply Project, involving the construction of two desalination plants and a solar PV system to augment Kiribati's water supplies.

How many desalination plants are there in South Tarawa?

Construction of the project's 2 desalination plants, at Betio and McKenzie, is complete. Commissioning of the McKenzie plant is ongoing, and the plant is expected to commence delivering water to the residents of South Tarawa before the end of Q4 2024.

What is happening in South Tarawa?

Climate resilient and low-carbon water supply infrastructure constructed. Awareness of WASH and climate change issues raised. Rebidding for upgrading of the South Tarawa water supply networks commenced in mid-November 2025. WASH and climate change awareness raising activities commenced in 2022 and are ongoing.

How many people does PUP serve on South Tarawa?

Through a system of above ground reservoirs water tanks and water tank towers, PUP serves some 60,000 people on South Tarawa. However, the supplies are limited: PUP has some 1,600 m<sup>3</sup>/day which is not enough to supply the whole population.

## South Tarawa Solar Water Pump

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### South Tarawa Energy Storage Power Supply Specifications

The South Tarawa Water Supply Project funded by Asian Development Bank, Green Climate Fund, World Bank and the Government of Kiribati is a US\$58 million project that aims to ...

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## 49453-001: South Tarawa Water Supply Project

Customary law It refers to a body of written and/or unwritten rules, usages, customs and practices South Tarawa Water Supply Project MISE December 2017 iii traditionally and ...

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Our Lifepo4 batteries can be connected in parallel and in series for larger capacity and voltage.



### Environmental and Social Impact Assessment (ESIA) ...

EXECUTIVE SUMMARY The South Tarawa Water Supply Project (STWSP) will increase access to safe water supply to residents of South Tarawa. To achieve this STWSP ...

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## SOUTH TARAWA WATER

## SUPPLY PROJECT

South Tarawa Energy Storage Power ess Energy Storage Does South Tarawa need solar power?Constrained renewable energy development and lack of private sector participation. ...

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## Solar Pumps - Bluescape Water Solutions

Solar energy is transformed into electricity and sent to a pump that circulates water using a solar water pump. Solar pumps can be utilized for irrigation ...

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## South Tarawa Water Supply Project , Pacific Regional ...

The South Tarawa Water Supply Project funded by Asian Development Bank, Green Climate Fund, World Bank and the Government of Kiribati is a US\$58 million project ...

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## EAST ASIA AND PACIFIC , Kiribati , Water Global Practice

Implementation Status and Key Decisions The implementation of the desalination plants and the solar power

backup works is progressing, and these works are likely to be ...

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## **Kiribati : South Tarawa Water Supply Project**

ADB Approves Grant for Healthier, More Reliable Water in Kiribati ADB has approved a \$13 million grant to help provide people in ...

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## **Report Prepared by South Tarawa Water Suppl**

Summary The South Tarawa Water Supply Project funded by Asian Development Bank (leader), Green Climate Fund, World Bank and the Government of Kiribati is a USD 58 ...

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## **South Tarawa Water Supply Project , Ministry of ...**

The South Tarawa Water Supply Project (STWSP) is a critical infrastructure initiative designed to tackle the root

causes of the high rate of waterborne diseases in Kiribati's capital. The project

...

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## Climate Resilient Water Supply for South Tarawa

Through the South Tarawa Water Supply Project, an additional water source will be added to the country's water supply infrastructure. The project aims to reduce the climate ...

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## TARAWA WATER SUPPLY SOLAR DISTILLATION PROJECT

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**ABSTRACT** Many Pacific Island Countries face water security challenges, and this is expected to worsen due to the impact of a changing climate. In response to this challenge, the Tarawa ...

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## Kiribati : South Tarawa Water Supply Project

ADB Approves Grant for Healthier, More



Reliable Water in Kiribati ADB has approved a \$13 million grant to help provide people in the Kiribati island of South Tarawa with ...

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## South Tarawa Water Supply Project: Upgrading Water ...

The South Tarawa Water Supply Project (STWSP) will increase access to safe water supply to residents of South Tarawa. To achieve this STWSP will construct new water ...



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- LIQUID/AIR COOLING
- ON GRID/HYBRID
- PROTECTION IP54/IP55
- BATTERY / 6000 CYCLES

## Solar Factory in South Tarawa: Power & Water Due Diligence

Investing in a solar factory in South Tarawa? Discover the critical power and water infrastructure challenges and why on-site solutions are non-negotiable for success.

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