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Title: South Tarawa Green Solar Water Pump

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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 m³/day which is not enough to supply the whole population.

To access additional data, including an interactive map of global solar farms, a downloadable dataset, and summary data, please visit the Global Solar Power Tracker on the Global Energy ...

The proposed South Tarawa Renewable Energy Project will install solar photovoltaic and battery energy storage system to help the government achieve its renewable energy ...

ADB has approved a \$13 million grant to help provide people in the Kiribati island of South Tarawa with better access to a safe, reliable, and climate-resilient water supply.

With an estimated total budget of US\$92.06 million, the project is a major collaborative effort, co-financed by the Green Climate Fund (GCF), the Asian Development Bank (ADB), and the ...

A recent study by the International Renewable Energy Agency (IRENA, 201527) concluded that (i) solar photovoltaic-powered RO desalination is the best renewable energy technology option ...

Kiribati 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 million ...

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South Tarawa Water Supply Project: Project Implementation Assistance for GDW-3 Solar PV Facilities (49453-002)

Green Living have proposed to increase their site visits to once a week, to decrease the likelihood of damage to the system, as well as making sure key tasks are more likely to be completed.

The project aims to reduce the climate vulnerability of the entire population of South Tarawa through increased water security by providing them with a reliable, safe, and climate ...

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