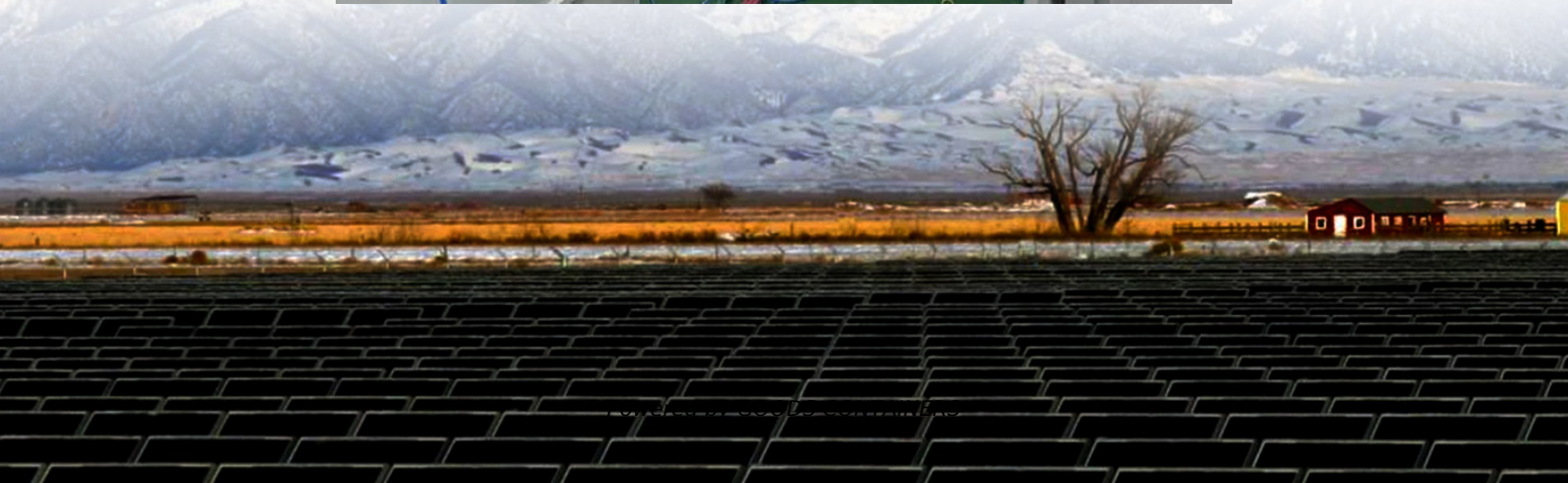


South Tarawa prefabricated microgrid energy storage power station





Overview

Does South Tarawa need solar power?

Constrained renewable energy development and lack of private sector participation. While grid-connected solar power is the least-cost renewable energy option for South Tarawa and there is significant resource potential of 554 MW, deployment has been limited.

Who generates grid-connected electricity in South Tarawa?

Grid-connected electricity in South Tarawa is generated and distributed by the state-owned Public Utilities Board (PUB).

How much power does South Tarawa need?

The photovoltaic systems account for 22% of installed capacity but supply only around 9% of demand on South Tarawa; diesel generation supplies the remaining 91%. The PUB serves more than 57,000 people in South Tarawa, which has the highest demand at 24.7 gigawatt-hours (GWh) in 2019.

How will Kiribati transform the energy sector?

The proposed project will initiate and contribute to the transformation of the Kiribati energy sector to one that is low-carbon and adapted to growing climate and natural hazards. It will do this by installing the innovative, climate-adapted and efficient floating PV (FPV) for power generation and for services and benefits beyond electricity.



South Tarawa prefabricated microgrid energy storage power station



[49450-030: South Tarawa Renewable Energy Project \(Phase 2\)](#)

Oct 12, 2024 · The proposed project will initiate and contribute to the transformation of the Kiribati energy sector to one that is low-carbon and adapted to growing climate and natural hazards. It ...

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This 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-resilient ...

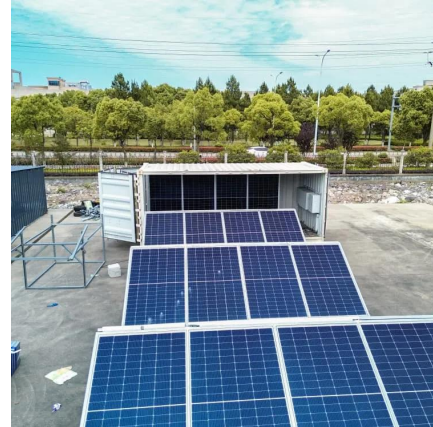


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