

**ContainerPower Energy Solutions**

# **Kiribati Solar Grid-Connected System**



## Overview

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Founded in 1971, the Pacific Islands Forum is the region's top political and economic organisation, with 18 members across the Pacific Ocean. The Pacific Island Forum is the region's premier political and economic policy organisation. We work towards a Pacific Vision of peace, harmony and.

The project development objective for Kiribati Grid Connected Solar Photovoltaic (PV) is to contribute to reducing Kiribati's dependence on imported petroleum for power generation in order to improve energy security and to reduce the Global Greenhouse Gas emissions from diesel fuel use for grid.

Kiritimati Island, the world's largest coral atoll and a key development hub for Kiribati with a rapidly growing population (currently roughly 8,000 people), has a dilapidated electricity micro-grid plagued by blackouts/brownouts and extending to only 40 percent of the island's population.

The project objective is to contribute to reducing Kiribati's dependence on imported petroleum for power generation in order to improve energy security and to reduce the GHG emissions from diesel fuel use for grid electricity supply in Kiribati. The specific objective of the proposed MSP is to.

The Oceania located nation of Kiribati has started construction on the country's largest solar PV project that's backed by the Asian Development Bank and the Government of New Zealand. It will be accompanied by a battery energy storage system (BESS). The 7.5 MW South Tarawa Renewable

## Energy Project.

enhance gas emissions reduced in Kiribati. The project will have the following outcome: generation and utilization of clean energy in South Tarawa increased. 24 13. Output 1: Solar photovoltaic and battery energy storage system installed rate power system not managed by the PUB. 6. Constrained.

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