



SolarTech Power Solutions

Kiribati High Temperature Solar System



Overview

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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 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.

The South Tarawa Renewable Energy Project (STREP) will support upscaling of solar power generation in Kiribati. The Project will reduce dependence on fossil fuel imports by increasing the renewable energy percentage of electricity generation. STREP has three main outputs: (i) 4 megawatt (MW)/5.

urrent and Future Climate for Kiribati. Final report to the Australia-Pacific Climate Partnership for the Next Generation Climate Projections f r the Western Tropical Pacific project. Commonwealth Scientific and Industrial

Research Organisation (CSIRO) and Secretariat of the Pacific Regional.

PROMOTING OUTER ISLAND DEVELOPMENT THROUGH THE INTEGRATED ENERGY ROADMAP (POIDIER) PROJECT Promoting Outer Islands Development Through the Integrated Energy Roadmap (POIDIER) project is a climate mitigation project funded by the Global Environment Facility (GEF) trust fund. The project is.

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