

## **SolarTech Power Solutions**

# **Samoa Small Communication Base Station solar Power Generation System**



## Overview

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MPower was awarded a contract to deliver a fully operational 5.0MW solar power station across two sites in Samoa. The first site at Faleolo International airport has a 3MWp solar PV ground mount system. The second site at Faleata Race Track has a 2MWp solar PV group mount system. The panel.

MANILA, PHILIPPINES (10 December 2024) — The Asian Development Bank (ADB) has signed a transaction advisory services agreement with Samoa's Electric Power Corporation (EPC) to support the development of a solar photovoltaic and battery energy storage systems with installations planned for the.

(EPC) was established in December 1972 and is an autonomous Government owned corporation. EPC is responsible for the generation, transmission and distribution, and selling of electricity in Samoa. EPC services the majority of Samoan residents. EPC has an immediate goal of "providing clean energy.

The communication base station installs solar panels outdoors, and adds MPPT solar controllers and other equipment in the computer room. The power generated by solar energy is used by the DC load of the base station computer room, and the insufficient power is supplemented by energy storage.

Located approximately between Hawaii and New Zealand, American Samoa is the only U.S. territory in the southern hemisphere. American Samoa faces similar climate and energy resilience challenges as other Pacific islands: geographic remoteness, dependence on imported fossil fuels, and increased.

Greenpower Samoa is a leading renewable energy company in the South Pacific, dedicated to advancing sustainable energy solutions. We specialize in the investment, development, and construction of solar photovoltaic (PV) power stations for residential, commercial, and large-scale applications. With.

## Samoa Small Communication Base Station solar Power Generation S

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### Contact Us

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