

Samoa Airport Solar System





Overview

Green Power Samoa, 2MW solar system to generate and supply 3.5MWh to EPC (no batteries). For this system, 1.3MW has been completed and operating; 0.7MW to be completed at Dec 2015. Location - Airport Does Samoa have a solar power station?

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.

What is solar for Samoa?

The Solar for Samoa project set the benchmark for quality solar power projects in the South Pacific. The two sites will provide up to 27% of the network power during peak output. MPower has successfully delivered a wide range of renewable and conventional power systems across the region.

Which land is available for solar energy in Samoa?

For power, spaces in front near and the rear end of the thermal station is available for RETotal land area from Samoa Land Corporation is 15.5 acres land was designated for Solar Energy. LeaseProperty is legally leased to EPC from Samoa La.

How does Samoa's energy system work?

ed integration of innovative distributed energy solutions across its service territory. Currently, Samoa's energy portion of the tariff sees its highest cost kWhs coming from energy supplied through its diesel resources. The Samoan Government has an established goal of 70% renewable energy generation.

Who managed the Solar for Samoa project?

The project was managed by MPower's construction manager, project manager and HSE managers and carried out by local staff (peaking at 220) in



Samoa with regular visits from MPower's team in Sydney. The Solar for Samoa project set the benchmark for quality solar power projects in the South Pacific.



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Solar for Samoa Case Study , MPower

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Government of the Independent State of Samoa through the ...

In an effort to achieve the renewable energy targets for Samoa, EPC seeks to implement two additional Solar & BESS Renewable Energy Generation Facilities (REGF's).

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Government of the Independent State of Samoa through the ...

1.1. Background The Electric Power Corporation (EPC) was established in December 1972 and is an autonomous Government owned corporation. EPC is responsible for the generation, ...

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Samoa solar panel and inverter

How much does a solar inverter cost? If you're getting a standard string inverter for residential solar panels, the cost will typically range from & #163;500 to & #163;1,000, depending on the



size el ...

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Samoa 4.5MW Utility scale grid-connect solar power plant

In 2014, Harelec secured a contract to supply power to the Samaon Electric Power Corporation, through the construction of a 2.6MW solar power plant to be constructed near the Faleolo ...

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