



Solar plant system Samoa

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.

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.

The Solar for Samoa PV project is situated over two locations; Faleata Racecourse (1.4MW AC) is located in the capital city of Apia, while Faeolo International Airport (2.1MW AC) is located approximately 40 kilometres west of Apia.

Official Web Portal of the Government of Samoa Cabinet has approved the allocation of lands in three different locations to the Electric Power Corporation for the construction and operation of the grid connected solar system projects.

Each REGF comprises of a solar PV plant and an energy storage system to maintain a stable and good quality electricity supply. Respondents are invited to provide an EOI response for either ...

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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 International Airport, within the Satapuala village area.

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"Today, we are opening Samoa's first solar system, without storage, that can be connected to the grid, to run



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in parallel with other energy sources like diesel generators. The original combined capacity of this project is 40kWp.

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Web: <https://www.taolaba.co.za>

