

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.

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.

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.

What percentage of American Samoa's electricity generating capacity is solar?

Solar power accounts for about 11% of American Samoa's electricity generating capacity.



South Pacific Island efforts to reduce dependence on costly and polluting diesel fuel continue, with the installation of 546kW of solar PV across the islands of Samoa a?? the independent a?|

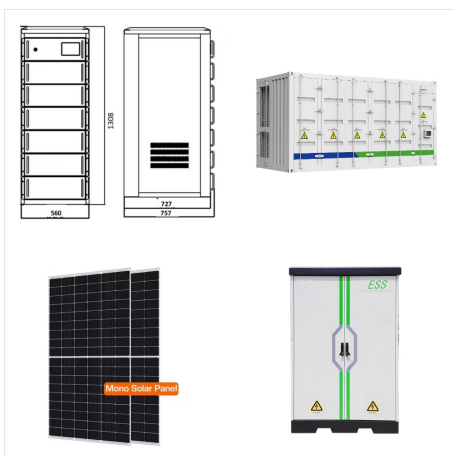
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South Pacific Island efforts to reduce dependence on costly and polluting diesel fuel continue, with the installation of 546kW of solar PV across the islands of Samoa a?? the independent state's largest solar project yet.



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.



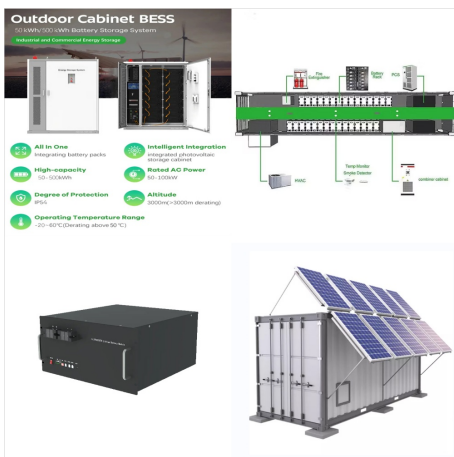
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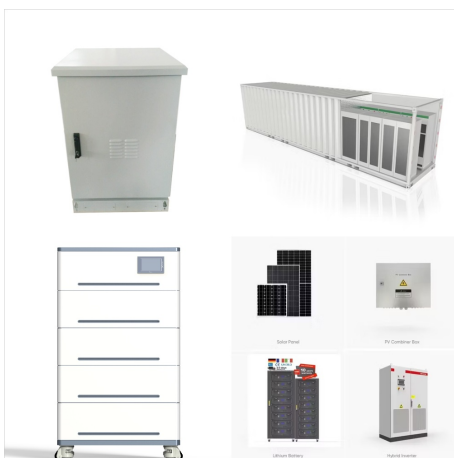
SAMOA



The installation of Samoa's 546kWp solar PV grid-connected system is expected to provide significant benefits to the government of Samoa by reducing the use of diesel by around 190,000 litres p.a and realizing costs savings of approximately SAT570,000 per annum in a country which generates 60% of its electricity from diesel.



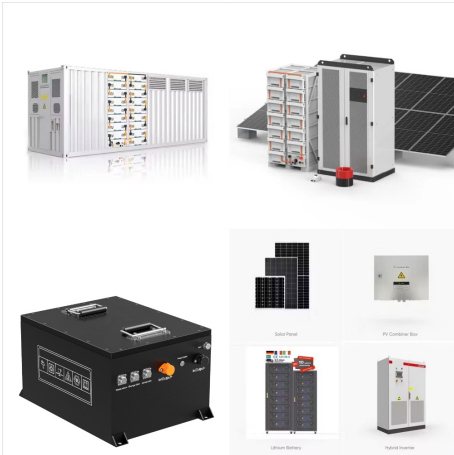
Code for Solar PV plant with Battery Storage system. The contractor will provide real time energy production, forecasts and related data to EPC National SCADA system. These data and information will enable EPC National Control Center to dispatch, monitor and control power output from solar plant.



The project contributes to PIGGAREP Greenhouse Gas Abatement goals of CO2 emissions reductions of at least 30% by 2015 as compared to their Business as Usual scenario, and to the Government of Samoa's goals of increasing renewable energy's share of total energy production to 20% by 2030.

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Grid-Connected Solar PV for Samoa As part of the Japanese-funded Pacific Environmental Community Fund, the Government of Samoa received funding assistance for 400 kWp of grid-connected PV. ITP Renewables was engaged a?|



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