

The project loan financed the 1.8MW expansion of an existing 2.2MW solar power station on Samoa's main island Upolo. The expansion of South Pacific Energy Limited's (SPEL) existing solar farm is consistent with the Mid-Term Review of Strategy 2020 as well as ADB's Pacific Approach, which is used as Samoa's country partnership strategy.

2 · Also in American Samoa, Mana Solar LLC plans to use a \$23.5 million investment to develop a 13.4-megawatt community solar and battery energy storage system. This will provide power to approximately 2,500 households on Tutuila Island, meeting nearly 12% of their energy needs with renewable energy. ... These projects will help the American Samoa ...

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 - the independent state's largest solar project yet.

About Solar for Samoa. 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 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.

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). To this end, EPC is now soliciting EOI's from suitably qualified Independent Power Producers

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.

Database; IRENA Global Atlas; and World Bank Global Solar Atlas and Global Wind Atlas. Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all

Understanding demand for solar in Samoa The survey revealed that households are generally aware of solar energy, perceive it positively and are willing to invest in solar to reduce their power bills, limit the impact of



Samoa solar solar energy

outages and reduce their emissions. While uptake of installed rooftop solar systems is low, 27 per cent of households have

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