



Small-scale solar power generation systems in Samoa

Does Samoa have a solar farm?

The Asian Development Bank (ADB) and Sun Pacific Energy Ltd (SPEL) have signed a US\$2.8 million (approximately AU\$4.3 million) loan to expand renewable energy generation in Samoa. The financing will upgrade and expand SPEL's Upolu Solar Farm--Samoa's first independent power producer (IPP)--by installing high-efficiency solar panels.

Why is Samoa launching a solar power project?

The project is part of Samoa's broader commitment to combat climate change and achieve energy independence. The new solar power project, developed with funding from international development partners including the Asian Development Bank (ADB), is expected to stabilise energy costs and increase energy security.

What is Samoa's Energy Initiative?

The initiative will involve the expansion of solar farms, battery storage systems, and energy efficiency programs to support domestic and commercial energy needs. Samoa currently relies heavily on imported diesel for electricity generation, making it vulnerable to fluctuating global oil prices.

How will Samoa's New solar farm work?

The financing will upgrade and expand SPEL's Upolu Solar Farm--Samoa's first independent power producer (IPP)--by installing high-efficiency solar panels. The expansion is expected to deliver 9.6 gigawatt-hours of clean energy annually and cut carbon dioxide emissions by a further 1,944 tonnes.

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Microgeneration, Renewable Energy, Solar Power Microgeneration, small-scale generation of heat and power designed to suit the needs of communities, businesses, or residences. ...

About Greenpower Samoa Greenpower Samoa is a leading renewable energy company in the South Pacific, dedicated to advancing sustainable energy ...

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The territory possesses substantial solar resources and wind and biomass resource potential. Planned renewable power projects include utility-scale solar photovoltaic (PV) and wind ...

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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Sun Pacific Energy Limited (SPEL) is an independent power producer (IPP) operating in Samoa. SPEL owns and manages 2.2MW grid-connected solar PV system in Upolu, Samoa's most ...

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The Electric Power Corporation will set up solar farms on Upolu and Savaii to reduce as a deal was struck with the Asian Development Bank. ADB and EPC signed a transaction advisory ...

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 ...

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