

Samoa solar Power Plant Turbine Generator





Overview

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.

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 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.



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Samoa Electricity Generation Mix 2023 , Low-Carbon Power ...

5 days ago · As of 2023, electricity generation in Samoa is primarily reliant on fossil fuels, accounting for 60% of the country's electricity consumption. Low-carbon energy sources ...

Solar for Samoa Case Study , MPower

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Samoa launches renewable energy initiative

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ADB, Samoa Sign Landmark Agreement for Solar Power ...

Dec 10, 2024 · 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 ...

ADB, Sun Pacific Energy Ltd sign US\$2.8 ...

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ADB lends USD 2.8m for solar power plant upgrade in Samoa

Aug 25, 2025 · The Asian Development Bank (ADB) has provided a USD-2.8-million loan to Sun Pacific Energy Ltd (SPEL) to upgrade an existing solar farm in Samoa by replacing older solar ...

ENERGY PROFILE Samoa

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 ...



Samoa launches renewable energy initiative

Feb 4, 2025 · Samoa has launched an ambitious renewable energy initiative aimed at reducing reliance on fossil fuels and transitioning to 100 per cent ...

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