

Samoa solar Power Generation and Energy Storage Enterprise





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.

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.

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.

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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EVLO Completes Commissioning of First of Three Energy Storage ...

Apr 15, 2025 · Constructed by Eastern Power Solutions, the solar-plus-storage projects will provide 10 MW / 20 MWh of critical clean capacity for the American Samoa grid. April 15, 2025 ...

[Samoa launches renewable energy initiative](#)

Feb 4, 2025 · The initiative will involve the expansion of solar farms, battery storage systems, and energy efficiency programs to support domestic and commercial energy needs. Samoa ...



[ADB, Samoa Sign Landmark Agreement for Solar Power ...](#)

Dec 10, 2024 · Incorporating cutting-edge battery energy storage systems, the project will significantly improve grid reliability by mitigating intermittencies associated with renewable ...

[ADB, Sun Pacific Energy Ltd sign US\\$2.8](#)

...

Aug 20, 2025 · The Asian Development Bank (ADB) and Sun Pacific Energy Ltd (SPEL) have signed a US\$2.8 million (approximately AU\$4.3 million) ...



EVLO Commissions First of Three Energy Storage Projects in American Samoa

Apr 16, 2025 · EVLO Energy Storage, a Hydro-Québec subsidiary specializing in battery energy storage systems, announced on April 15 the completion of a 4-MW/8-MWh energy storage ...



[Samoa launches renewable energy initiative](#)

Feb 4, 2025 · The initiative will involve the expansion of solar farms, battery storage systems, and energy efficiency programs to support domestic and ...



[Solar power backup systems Samoa](#)

Jan 23, 2025 · r power and save with PWRcell 2. Introducing the newest generation of solar battery storage -delivering clean energy to help save on utility bills and provide whole

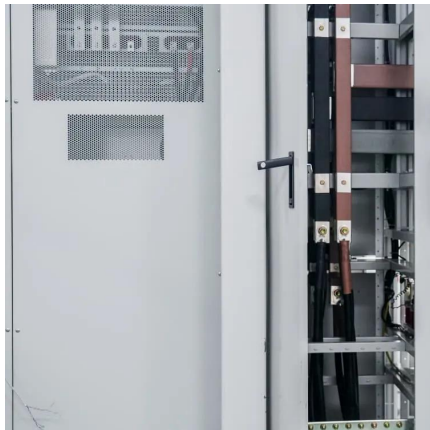




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Apr 16, 2025 · EVLO Energy Storage, a Hydro-Québec subsidiary specializing in battery energy storage systems, announced on April 15 the ...



[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 ...

EVLO commissions first energy storage system in American Samoa

...

Nov 26, 2025 · EVLO and Eastern Power Solutions complete the first of three energy storage installations in American Samoa as part of a 10 MW project.



ADB, Sun Pacific Energy Ltd sign US\$2.8 million loan to boost Samoa...

Aug 20, 2025 · 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 ...



Government of the Independent State of Samoa through ...

Jul 12, 2024 · 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). n ...



EVLO commissions first energy storage ...

Nov 26, 2025 · EVLO and Eastern Power Solutions complete the first of three energy storage installations in American Samoa as part of a 10 MW project.

GREENPOWER-SAMOA FUZHOUHAOHUINEWENERGY ...

This expansion added 5MW of upgraded solar capacity along with 2MW of energy storage batteries, making it the first integrated solar-storage power station in Samoa and the entire ...



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