



FTMRS SOLAR

# Samoa solar Energy Storage Power Generation Project





## Overview

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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.

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.

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.

How much electricity does Samoa generate?

016, now stands at 11MW. These included Sun Pacific Energy (2MW), Green Power Samoa at Faleata Racecourse (4MW) and Solar for Samoa (5MW). With the introduction of the 550kW wind turbine in 2014, Samoa have since generated 488MWh of electricity with 201



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### 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 renewable electricity generation by ...

### Utility-Scale Battery Storage Powers Grid ...

Apr 17, 2025 · EVLO and EPS commission solar-plus-storage systems to boost grid resilience in American Samoa, supporting ASPA's 2040 goal of ...

### Utility-Scale Battery Storage Powers Grid Stability in American Samoa

Apr 17, 2025 · EVLO and EPS commission solar-plus-storage systems to boost grid resilience in American Samoa, supporting ASPA's 2040 goal of 100% renewable energy.

### 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 ...

### Samoa Boosts Solar Capacity with ADB-Backed Upgrade

Aug 25, 2025 · Samoa boosts solar power with a \$2.8M ADB loan, increasing capacity by 50% using bifacial modules, cutting diesel imports, and stabilizing energy costs.

### Samoa Observer , EPC to set up solar farms

Dec 12, 2024 · The Electric Power Corporation will set up solar farms on Upolu and Savaii to reduce as a deal was struck with the Asian ...

### 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 ...

### 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 ...

### Samoa Observer , EPC to set up solar farms

Dec 12, 2024 · 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 ...

### 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 ...



Evlo deploys grid-scale batteries in two American Samoa ...

Apr 15, 2025 · Evlo Energy Storage Inc, a subsidiary of Hydro-Québec, announced it has commissioned the first of three grid-scale energy storage projects in American Samoa. The ...

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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) ...

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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 ...

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The Samoa Phase III Energy Storage Project: Powering a ...

Apr 11, 2023 · The Samoa Phase III Energy Storage Project isn't just keeping the lights on - it's rewriting the playbook for sustainable development. Whether you're an energy wont, a ...

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