

# Samoa Communications solar Base Station Energy Storage





## 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.

### 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.

### Who owns ADB in Samoa?

Established in 1966, it is owned by 69 members—49 from the region. 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 systems with installations planned for the country's two largest islands, Upolu and Savai'i.

### What is Samoa's energy mandate?

The mandate also includes addressing critical environmental, social, and gender considerations to ensure the project's sustainability and inclusiveness. Samoa currently relies on imported fossil fuels for approximately 69% of its electricity generation, leaving the country vulnerable to volatile oil prices.



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### EVLO Commissions First of Three Energy Storage Projects in American Samoa

"The commissioning of this site highlights our collaboration with EVLO and ASPA in advancing solar and storage solutions." Situated across five islands and two coral atolls, ...

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In Detail : MANILA, PHILIPPINES -- The Asian Development Bank (ADB) has signed a transaction advisory services agreement with Samoa's Electric Power Corporation ...

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

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

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#### **EVLO completes commissioning of first of three energy**





## storage ...

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. EVLO, a fully ...

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

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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## Samoa Boosts Solar Capacity with ADB-Backed Upgrade



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

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

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 ...

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