

# **Samoa Energy Storage solar Enterprise**





## Overview

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Why should American Samoa invest in solar energy?

Positioned less than 1,000 miles south of the equator, American Samoa is uniquely positioned to harness its abundant solar energy resources. BESS projects will be critical for American Samoa to achieve its renewable energy goals by maximizing solar utilization, reducing dependence on imported fuels, and ensuring a safe, reliable grid.

Who is evlo energy storage?

EVLO Energy Storage, a fully integrated battery energy storage systems (BESS) provider and wholly owned subsidiary of Hydro-Québec, on April 15 announced the company has completed commissioning of a 4-MW/8-MWh, 2-hour duration energy storage system, the first of three projects in American Samoa.

What is a solar project in Samoa & Tutuila?

The three projects, deployed on American Samoa islands of Tutuila and Aunu'u, will have installed capacities of 4 MW/8 MWh, 5 MW/10 MWh, and 1 MW/2 MWh. All three projects will support ramp rate control to smooth and limit fluctuations in solar photovoltaic (PV) power output, ensuring reliable renewable integration and grid stability.

Why did the American Samoa power authority choose eastern power solutions?

The American Samoa Power Authority selected Eastern Power Solutions with the EVLO 1000 BESS to enhance the delivery of safe, reliable, and clean power to the local community. ASPA is a development-oriented public utility providing electricity, water, wastewater, and solid waste services to about 50,000 residents.



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### 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.

### [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 of three BESS projects ...](#)

Apr 22, 2025 · Image: EVLO System integrator EVLO Energy Storage (EVLO) has completed commissioning of a 4MW/8MWh battery energy ...



### 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 ...



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

Apr 17, 2025 · MONTRÉAL- (BUSINESS WIRE)-EVLO Energy Storage Inc. (EVLO), a fully integrated battery energy storage systems (BESS) provider and wholly owned subsidiary of ...

## EVLO Commissions First of Three Energy

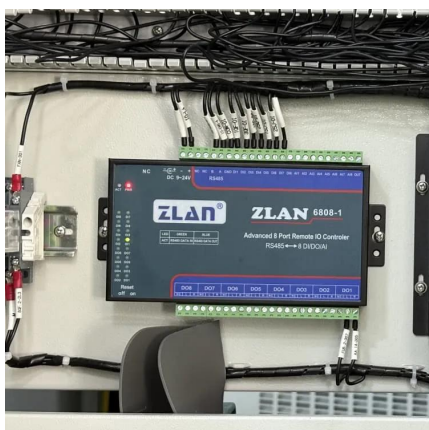
...

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



## Evlo deploys grid-scale batteries in American Samoa

Apr 16, 2025 · Hydro-Québec subsidiary Evlo Energy Storage Inc says it has commissioned the first of three planned grid-scale energy storage projects in American Samoa. The first project ...





## [EVLO Energy Storage Completes First Battery Storage ...](#)

May 6, 2025 · EVLO Energy Storage Inc. (EVLO), a fully integrated battery energy storage systems (BESS) provider and subsidiary of Hydro-Québec, has successfully commissioned its ...



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

Apr 15, 2025 · In 2016, the American Samoa Renewable Energy Committee (ASREC) set a goal to meet 100% of American Samoa's energy from renewable energy resources by 2040, ...



## [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 ...





## EVLO commissions first of three BESS projects in American Samoa

Apr 22, 2025 · Image: EVLO System integrator EVLO Energy Storage (EVLO) has completed commissioning of a 4MW/8MWh battery energy storage system (BESS) in American Samoa. ...



## Utility-Scale Battery Storage Powers Grid

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

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