



# Samoa solar Energy Storage Field





## Overview

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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 - MONTRÉAL - EVLO Energy Storage Inc. (EVLO), a fully integrated battery energy storage systems (BESS) provider and wholly owned.

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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 system in American Samoa. This initiative, the first of three, was developed with Eastern Power Solutions (EPS) to support the American.

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American Samoa moves closer to its 2040 renewable energy goal with EVLO and



EPS deploying new solar-plus-storage systems across Tutuila and Aunu'u. American Samoa has taken a major step toward its goal of 100% renewable energy by 2040 with the commissioning of a new solar-plus-storage system. EVLO.



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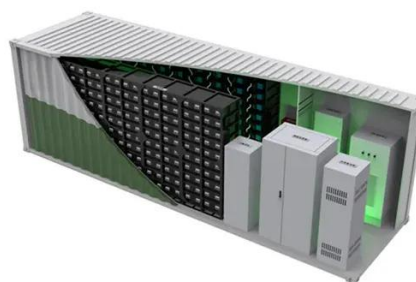


### [Samoa launches renewable energy initiative](#)

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

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

Located on Tutuila and Aunu'u islands, the three solar-plus-storage projects have capacities of 4 MW/8 MWh, 5 MW/10 MWh, and 1 MW/2 MWh. These systems stabilize solar ...



### [Utility-Scale Battery Storage Powers Grid Stability ...](#)

Situated in a region with high solar irradiance, the territory is well-positioned to benefit from solar energy paired with energy storage ...



### **EVLO commissions first energy storage system in American ...**

In 2016, the American Samoa Renewable Energy Committee (ASREC) set a goal to achieve 100% renewable energy by 2040, primarily through



solar. The territory's high solar exposure ...

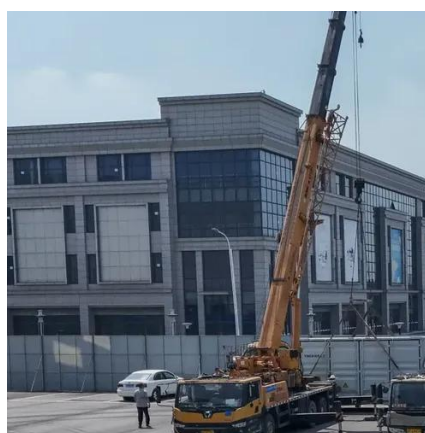


### **EVLO completes commissioning of first of three energy storage ...**

In collaboration with Eastern Power Solutions (EPS), a turn-key solar energy service provider, the solar-plus-storage projects will support American Samoa Power Authority ...

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

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 ...



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

Situated in a region with high solar irradiance, the territory is well-positioned to benefit from solar energy paired with energy storage systems to address intermittency and ...



## [Evllo deploys grid-scale batteries in American Samoa](#)

Positioned less than 1,000 miles south of the equator, American Samoa is positioned to harness its abundant solar energy resources. Energy storage is expected to play ...



- LiFePO<sub>4</sub> Battery, safety
- Wide temperature: -20~55°C
- Modular design, easy to expand
- The heating function is optional
- Intelligent BMS
- Cycle Life: > 6000
- Warranty: 10 years



## [EVLO Commissions First of Three Energy Storage ...](#)

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## [Samoa launches renewable 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 ...



## Evlo deploys grid-scale batteries in two American Samoa islands

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

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

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 ...





## Contact Us

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For inquiries, pricing, or partnerships:

<https://sccd-sk.eu>

Phone: +32 2 808 71 94

Email: [info@sccd-sk.eu](mailto:info@sccd-sk.eu)

Scan QR code for WhatsApp.

