



# Ultra-large capacity Samoan energy storage container for drone stations





## Overview

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20,000 residents scattered across tropical islands, relying on diesel generators that sound like grumpy dinosaurs. Enter the Samoa Energy Storage Power Station – the game-changing solution turning this Pacific paradise into a renewable energy trailblazer. This isn't just another battery project;

April 15, 2025 – MONTRÉAL – EVLO Energy Storage Inc. (EVLO), a fully integrated battery energy storage systems (BESS) provider and wholly owned subsidiary of Hydro-Québec, announced today the completed commissioning of a 4-MW, 8-MWh, 2-hour duration energy storage system, the first of three.

System integrator EVLO Energy Storage (EVLO) has completed commissioning of a 4MW/8MWh battery energy storage system (BESS) in American Samoa. The 2-hour duration BESS marks the first of three projects that EVLO will be commissioning in the territory, in collaboration with solar energy service.

The first project adds 4 MW / 8 MWh two-hour duration energy storage to the local grid in Tutuila. The company collaborated with Eastern Power Solutions, a solar energy service provider, to develop the project, which will be co-located with 20 MW of solar capacity. Two other projects will add 5 MW.

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.

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 integrated battery energy storage systems (BESS) provider and wholly owned subsidiary of Hydro-Québec, has completed.



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### Samoa's Leap Toward Sustainable Energy: Building a Future with ...

The island nation's new energy storage power station isn't just about keeping the lights on--it's rewriting the rules of energy independence for small island states.

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

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 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 ...

### Samoa Energy Storage Power Station: Powering Paradise with ...

Enter the Samoa Energy Storage Power Station - the game-changing solution turning this Pacific paradise into a renewable energy trailblazer. This



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### Power Storage Solutions in Samoa Meeting Energy Demands ...

Let's explore how modern storage technologies are reshaping Samoa's energy landscape. "The right energy storage system can reduce diesel generator use by up to 80% in remote Samoan ...

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

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### EVLO commissions first of three BESS projects in ...

All three projects will use the EVLO 1000 system, which utilises lithium iron phosphate (LFP) battery cells. EVLO says that the ...



## Energy storage project : American Samoa . EVLO ...

Our system is designed to harness the abundant energy of the sun and provide cleaner energy for the vibrant community of American Samoa, ...



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### **ESS**



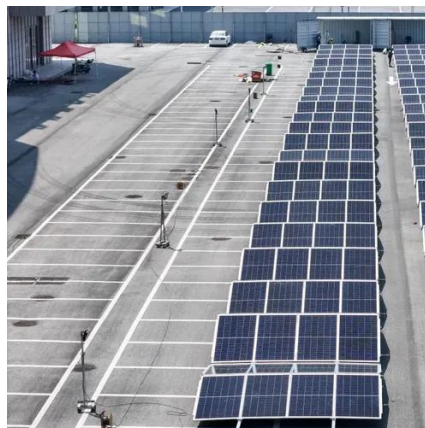
## Energy storage project : American Samoa . EVLO Energy

Our system is designed to harness the abundant energy of the sun and provide cleaner energy for the vibrant community of American Samoa, located midway between Hawai'i and New ...



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

All three projects will use the EVLO 1000 system, which utilises lithium iron phosphate (LFP) battery cells. EVLO says that the projects will support ramp rate control to ...



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

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 ...

## Samoa's Leap Toward Sustainable Energy: Building a Future with Energy

The island nation's new energy storage power station isn't just about keeping the lights on--it's rewriting the rules of energy independence for small island states.



### [CATL Launches World's First 9MWh Ultra-Large Capacity ...](#)

TENER Stack incorporates CATL's high-energy-density cells with five-year zero degradation technology, achieving a 45% improvement in volume utilisation and a 50% ...



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