

Samoa Energy Storage Project





Overview

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.

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.

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.



Samoa Energy Storage Project



EVLO commissions first of three BESS projects in American Samoa

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

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[The Samoa Phase III Energy Storage Project: Powering a ...](#)

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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EVLO Commissions First of Three Energy Storage Projects in American Samoa

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

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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[EVLO Completes First BESS Project in American Samoa](#)

EVLO, in partnership with EPS, has commissioned a 4-MW, 8-MWh energy storage system to support American Samoa's renewable energy goals.

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[Evlo deploys grid-scale batteries in two American Samoa ...](#)

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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Utility-Scale Battery Storage Powers Grid Stability in American Samoa

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[EVLO commissions first energy storage ...](#)

EVLO and Eastern Power Solutions complete the first of three energy storage installations in American Samoa as part of a 10 MW project.

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[EVLO commissions first of three BESS projects ...](#)

Image: EVLO 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 ...

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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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EVLO Energy Storage Completes First Battery Storage System Project ...

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

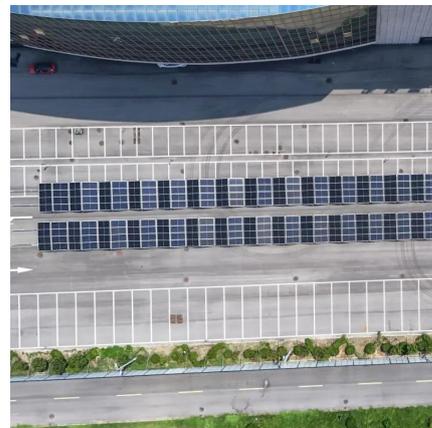
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