

Samoa base station uses energy storage container for bidirectional charging





Overview

Why are Tesla specialists assisting Samoa's Electric Power Corporation engineers?

Tesla specialists are on the ground assisting Samoa's electric power corporation engineers to ensure its battery energy storage systems are operating to support Samoa's energy needs during the current power crisis. Image: Electric Power Corporation, Samoa.

How has the power crisis impacted Samoa?

The crisis has led to up to 16 hours of daily power interruptions across Upolu requiring extensive power rationing coordinated by the Electric Power Corporation (EPC). Samoan Prime Minister Fiame Naomi Mata'afa said the economic impact of the crisis is estimated to cost up to 16% of Samoa's GDP.

Are Tesla crews in Samoa working on a routine maintenance visit?

Local media reports say Tesla crews were in Samoa working on a routine maintenance visit but are now helping EPC with the maintenance of all EPC's batteries, which store 6 MW of power sourced from a network of solar farms owned by independent power providers (IPPs) and include the Tanugamanono, Fiaga, Tuanaimato, Salelologa and Faleolo solar farms.

How much does the economic crisis cost Samoa?

Samoan Prime Minister Fiame Naomi Mata'afa said the economic impact of the crisis is estimated to cost up to 16% of Samoa's GDP. This content is protected by copyright and may not be reused. If you want to cooperate with us and would like to reuse some of our content, please contact: editors@pv-magazine.com.



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[Samoa Base Station Battery Project](#)

Sep 1, The Fiaga Power Station - Battery Energy Storage System is a 6,000kW energy storage project located in Samoa. The electro-chemical battery energy storage project uses

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EVLO Commissions First of Three Energy Storage Projects in American Samoa

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 ...

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

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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Utility-Scale Battery Storage Powers Grid Stability in American Samoa

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 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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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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LATEST ONGOING BATTERY ENERGY STORAGE SYSTEM BESS PROJECTS IN SAMOA

Outdoor safe charging energy storage battery cabinet ESS power base station AZE's lithium battery energy storage system (BESS) is a complete system design with features like high ...

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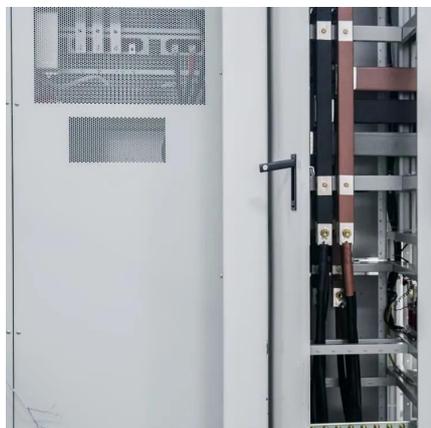
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EVLO and EPS commission solar-plus-storage systems to boost grid resilience in American Samoa, supporting ASPA's 2040 goal of 100% renewable energy.

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[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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