



FTMRS SOLAR

Samoa Flow Battery Energy Storage Container





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.

What happened in Samoa?

Problems began on February 23 when the country's main high voltage (HV) underground cable failed between the Fiaga and Fuluasou power stations causing a blackout on the island of Upolu, the second largest in the Samoan islands area, impacting 200,000 people. This event was followed by a second failure on February 25.



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Samoa large battery storage systems

The Battery Storage and Grid Integration Program (BSGIP) hosted two research scientists from Samoa recently to help build capacity and strengthen the island nation's ability to meet climate ...

Power Storage Solutions in Samoa Meeting Energy Demands ...

SunContainer Innovations - Samoa's unique geographic position and growing renewable energy projects make it a hotspot for power storage equipment manufacturers. With 65% of its ...

Battery energy storage systems support Samoa's month-long power ...

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LATEST ONGOING BATTERY ENERGY STORAGE SYSTEM BESS PROJECTS IN SAMOA

The containerized energy storage system is composed of an energy storage converter, lithium iron phosphate battery storage unit, battery management system, and pre-assembled ...

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 ...

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

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SAMOA FIRST COUNTRY IN THE PACIFIC TO INSTALL BATTERY ENERGY

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EVLO Energy Storage Completes First Battery Storage ...

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storage systems, announced on April 15 the ...

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