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Samoa Vanadium Battery Energy Storage Company



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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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 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 ...

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

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 lithium-ion as its ...

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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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. Ap...

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