

Samoa Base Station Energy Storage Project





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.

What is Samoa's energy mandate?

The mandate also includes addressing critical environmental, social, and gender considerations to ensure the project's sustainability and inclusiveness. Samoa currently relies on imported fossil fuels for approximately 69% of its electricity generation, leaving the country vulnerable to volatile oil prices.

Who owns ADB in Samoa?

Established in 1966, it is owned by 69 members—49 from the region. ADB has signed a transaction advisory services agreement with Samoa's Electric Power Corporation (EPC) to support the development of a solar photovoltaic and battery energy storage systems with installations planned for the country's two largest islands, Upolu and Savai'i.

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.



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ADB, Samoa Sign Landmark Agreement for Solar Power ...

Dec 10, 2024 · ADB has signed a transaction advisory services agreement with Samoa's Electric Power Corporation (EPC) to support the development of a solar photovoltaic and battery ...

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EVLO completes commissioning of first of three energy storage ...

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EVLO Completes First BESS Project in ...

Apr 16, 2025 · EVLO, in partnership with EPS, has commissioned a 4-MW, 8-MWh energy storage system to support American Samoa's renewable ...

Utility-Scale Battery Storage Powers Grid ...

Apr 17, 2025 · EVLO and EPS commission solar-plus-storage systems to boost grid resilience in American Samoa, supporting ASPA's 2040 goal of ...

EVLO Completes First BESS Project in American Samoa

Apr 16, 2025 · EVLO, in partnership with EPS, has commissioned a 4-MW, 8-MWh energy storage system to support American Samoa's renewable energy goals.

Utility-Scale Battery Storage Powers Grid Stability in American Samoa

Apr 17, 2025 · 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 ...

Apr 15, 2025 · 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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Battery energy storage systems support ...

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