

PDEOZE PowerContainer

Samoa Solar Industrial and Commercial Systems



Overview

What is Samoa's Energy Initiative?

The initiative will involve the expansion of solar farms, battery storage systems, and energy efficiency programs to support domestic and commercial energy needs. Samoa currently relies heavily on imported diesel for electricity generation, making it vulnerable to fluctuating global oil prices.

Why is Samoa launching a solar power project?

The project is part of Samoa's broader commitment to combat climate change and achieve energy independence. The new solar power project, developed with funding from international development partners including the Asian Development Bank (ADB), is expected to stabilise energy costs and increase energy security.

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.

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Rooftop solar power installations are smaller than megawatt-scale PV power plants on the ground. Buildings often feature rooftop PV systems with a capacity of 5 to 20 kilowatts. But ...

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