



Samoa Portable Power Storage Project

Why should American Samoa invest in solar energy?

Positioned less than 1,000 miles south of the equator, American Samoa is uniquely positioned to harness its abundant solar energy resources. BESS projects will be critical for American Samoa to achieve its renewable energy goals by maximizing solar utilization, reducing dependence on imported fuels, and ensuring a safe, reliable grid.

What is a solar project in Samoa & Tutuila?

The three projects, deployed on American Samoa islands of Tutuila and Aunu'u, will have installed capacities of 4 MW/8 MWh, 5 MW/10 MWh, and 1 MW/2 MWh. All three projects will support ramp rate control to smooth and limit fluctuations in solar photovoltaic (PV) power output, ensuring reliable renewable integration and grid stability.

Why did the American Samoa power authority choose eastern power solutions?

The American Samoa Power Authority selected Eastern Power Solutions with the EVLO 1000 BESS to enhance the delivery of safe, reliable, and clean power to the local community. ASPA is a development-oriented public utility providing electricity, water, wastewater, and solid waste services to about 50,000 residents.

Tesla battery energy storage system (BESS) specialists are on the ground helping Samoa's Electric Power Corporation (EPC) engineers to ensure the US company's batteries ...

In collaboration with Eastern Power Solutions (EPS), a turn-key solar energy service provider, the solar-plus-storage projects will support American Samoa Power ...

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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Samoa, a Pacific paradise where coconut trees outnumber traffic lights, is making waves in the energy sector. The island nation's new energy storage power station isn't just ...

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EVLO Energy Storage Inc., a subsidiary of Hydro-Québec, recently completed the first of three energy storage projects on the islands of Tutuila and Aunu'u in collaboration with ...

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Located on Tutuila and Aunu'u islands, the three solar-plus-storage projects have capacities of 4 MW/8 MWh, 5 MW/10 MWh, and 1 MW/2 MWh. These systems stabilize solar ...

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