



American Samoa grid management solutions

What is the American Samoa shipyard Services Authority?

The American Samoa Shipyard Services Authority is a key player in American Samoa's energy sector. Shipyard facilities support local shipping and fishing fleets and provide critical services to ASPA tanks and port infrastructure.

What is American Samoa's energy policy?

American Samoa is committed to leveraging these and other federal funding opportunities to advance its energy goals and priorities moving forward. American Samoa's energy policy landscape constitutes a blend of multilateral agreements, strategic plans, rules, regulations, and dedicated offices.

Does American Samoa have a geothermal energy plan?

The 2016 American Samoa Energy Action Plan identifies some geothermal resources, but none of these are viable for commercial electricity generation. The 2016 plan instead emphasizes the development of wind and solar power (Ness, Haase, and Conrad 2016). American Samoa is exploring opportunities for both offshore and onshore wind power generation.

Does American Samoa have energy issues?

Although energy burdens pose a real challenge in American Samoa, the territory is working to advance energy justice. For example, the Territorial Energy Office provides home energy efficiency programs to help reduce energy costs for low-income households.

Can American Samoa develop wind power?

American Samoa is exploring opportunities for both offshore and onshore wind power generation. In 2022, federal legislation opened offshore waters around the U.S. territories (including American Samoa) to wind power development.

When did American Samoa adopt its emergency energy conservation plan?

American Samoa adopted its Emergency Energy Conservation Plan in 1982 (see Chapter 5, Annex A of ASCA 12 for plan details). 1981: Title 12 ASCA establishes ASPA, creating an institutional structure for the generation, transmission, distribution, and sale of electric power within American Samoa.

The Joint Field Office (JFO) collaborated with the American Samoa Power Authority (ASPA) and other partners to develop and implement a three-phased power restoration plan for American Samoa after an earthquake, tsunami, and flooding struck the islands on

American Samoa faces similar climate and energy resilience challenges as other Pacific islands: geographic remoteness, dependence on imported fossil fuels, and increased vulnerability to natural hazards like



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earthquakes, cyclones, and tsunamis. 1

the American Samoa Power Authority transmission system The planned A"asu Wind Power Project will deliver over 100,000MWh of renewable energy generated electricity to the grid via a proposed substation, connected to the 34.5 kilovolts (kV) ASPA interconnected electrical system.

We deliver advanced solutions, services, and support to 825 independent telephone companies, electric cooperatives and other public power entities in all 50 states, American Samoa, Palau, and Canada.

Bipartisan Infrastructure Law (BIL) - Preventing outages and enhancing the resilience of the electric grid formula grants to states and Indian tribes. The objective of this project is to improve the resilience of the electric grid against disruptive events.

The agreement lays the foundation for the swift implementation of three solar energy generation projects in American Samoa, aiding the island in swiftly realizing its renewable energy goals. The construction-ready portfolio is ...

AMERICAN SAMOA As states, tribes, and territories face threats from severe weather, the Grid Resilience State and Tribal Formula Grants will distribute \$2.3 billion over five years to strengthen and modernize America's power grid against wildfires, extreme weather, and other natural disasters that are exacerbated by the climate crisis.

The agreement lays the foundation for the swift implementation of three solar energy generation projects in American Samoa, aiding the island in swiftly realizing its renewable energy goals. The construction-ready portfolio is set to formally commence groundbreaking April 12, 2024, with project completion phases scheduled throughout the year.

The stability and affordability of power from the new Ta"u microgrid, operated by American Samoa Power Authority, provides energy independence for the nearly 600 residents of Ta"u. The battery system also allows the island to use stored solar energy at night, meaning renewable energy is available for use around the clock.

The American Samoa Power Authority (ASPA) is the territory's public utility and provides electricity, water, wastewater, and solid waste services to over 12,000 customers. The energy policy landscape in American Samoa constitutes a blend of multilateral agreements,

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