



# Energy island corp American Samoa

What is the energy goal for American Samoa?

In 2016, the American Samoa Renewable Energy Committee set a goal to meet 50% of American Samoa's energy from renewable energy resources by 2025 and 100% by 2040, primarily with solar energy. In 2021, per capita electricity consumption in American Samoa was about 70% less than the U.S. average.

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.

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.

The Pacific Energy Group became established in the American Samoa in 2010 thanks to the acquisition of the BP assets. As soon as 2011, the signature of a contract with the US Defense Aviation consolidates the Group's position.

American Samoa is less than 1,000 miles south of the equator and has abundant solar energy resources. 63,64 In 2021, solar power accounted for about 11% of American Samoa's electricity generating capacity and about 3% of its electricity generation. 65,66 In 2016, ASPA completed conversion from diesel-powered to solar photovoltaic (PV) electricity ...

This profile provides a snapshot of the energy landscape of American Samoa, the southernmost territory of the United States. American Samoa's residential electricity rates are approximately \$0.29 U.S. dollars (USD) per kilowatt-hour (kWh), more than twice the average U.S. residential rate of \$0.13 USD/kWh.

The Energy Transitions Initiative's island energy snapshots highlight the energy landscape of islands in the Caribbean, the Pacific, and the surrounding areas, which have some of the world's highest electricity prices in the world.

T1 - Energy Transition Initiative: Island Energy Snapshot - American Samoa. AU - Mathur, Shivani. PY - 2015. Y1 - 2015. N2 - This profile provides a snapshot of the energy landscape of American Samoa, the southernmost territory of the United States. American Samoa's residential electricity rates are approximately \$0.29 U.S. dollars (USD) per ...



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Welcome to the Island of Opportunity! American Samoa is open for business and welcomes foreign direct investment to drive economic development, economic diversification, and job creation. For more information, ... American Samoa plans to move to 100% renewable energy by 2040. With the outer islands of Manu'a near 100%, other projects are being ...

Tesla has announced their solar panels are nearly entirely powering the island of Ta'u in American Samoa. The island used to depend entirely on imported diesel fuel for its electricity, but a new initiative has seen ...

The island of Ta'u in American Samoa now boasts a solar microgrid from Tesla's SolarCity. ... which shifted the entire island's energy generation from 100 percent diesel fuel to 100 percent ...

Samoa: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas ...

The island of Ta'u in American Samoa once relied on diesel fuel to supply electricity. Residents experienced consistent power rationing and outages, and key services like hospitals and schools hinged on infrequent fuel ...

Primary energy trade 2016 2021 Imports (TJ) 4 011 3 793 Exports (TJ) 33 23 Net trade (TJ) - 3 978 - 3 770 Imports (% of supply) 78 74 Exports (% of production) 2 1 Energy self-sufficiency (%) 33 30 Samoa COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 70% 30% Oil Gas Nuclear Coal ...

Despite geographic isolation, high retail electricity rates, and vulnerability to natural disasters that wreak havoc in island communities, American Samoa was able to weatherize 912 homes between 2010 and 2021 with annual, formula funds from DOE's Weatherization Assistance Program.

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