

Solar Energy South Africa

Kartel energy American Samoa



Overview

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.

What kind of energy does American Samoa use?

American Samoa uses imported fossil fuels for almost all of the territory's energy needs, including transportation, drinking and waste water treatment, and most (about 97% in 2020) of its electric power generation. Electricity prices in American Samoa vary with world petroleum prices.

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.

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.

Why is Energy Justice important for American Samoa?

Energy justice is an important concept for American Samoa due in part to energy affordability issues. As Table 8 demonstrates, the approximate baseline home electricity burden in American Samoa in 2019 was 5.45%—compared to an approximate baseline U.S. home electricity burden of

2.11%.

Does American Samoa have an environmental justice grant?

In 2021, American Samoa became the first U.S. territory to receive an Environmental Justice grant under the EPA's State Environmental Justice Cooperative Agreement program. The EPA granted the American Samoa Environmental Protection Agency \$200,000 to address COVID 19-related air quality issues across the island of Tutuila (EPA 2021).

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Understand low-carbon energy in American Samoa through Data ...

In 2022, American Samoa's electricity consumption relied heavily on fossil fuels, with more than 90% coming from these sources. This indicates a significant dependence on non-renewable energy, which contributes to climate change and environmental degradation.

American Samoa , Building Energy Codes Program

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WINDEXchange: Wind Energy in American Samoa

American Samoa Energy Action Plan Sept. 30, 2016 Brochures & Fact Sheets. Energy Snapshot American Samoa June 30, 2015 Other. The Islands Playbook Jan. 1, 2015 Reports. American Samoa Energy Strategies Dec. 31, 2013 More Publications. ...

[American Samoa Energy](#)

Strategies

T1 - American Samoa Energy Strategies. AU - Conrad, Misty. AU - Esterly, Sean. PY - 2013. Y1 - 2013. N2 - In recent years, global energy prices have become increasingly volatile. Due to fluctuating energy prices, global competition is at its highest. In 2008, a global fuel price increase impacted American Samoan government budgets and when a



U.S. Energy Information Administration

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 ...

SAMOA ENERGY SECTOR PLAN

The Samoa Energy Database has recorded up to 22 community -based biogas systems installed from 2010 t o 2022. These projects were funded by Improving the Performance and Reliability of Renewable Energy Power Systems in Samoa (IMPRESS), Youth With A Mission (YWAM), Samoa Farmers Association (SFA) and the Water and Sanitation Sector budget



State and Community Energy Programs Project Map - American Samoa

The American Samoa Territorial Energy Office is the managing agency of American Samoa's Weatherization Assistance Program. 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

Rising sea levels and the increase of shoreline wave energy at American

Faga'itua Bay, Tutuila, American Samoa and cross-shore transect. (a) Satellite imagery of Tutuila Island (inset) and Faga'itua Bay from (b) A closer view of the reef and its variable coral cover. Pressure sensors deployed in 2017 are marked in yellow (A = nearshore, B = mid-reef, C = reef face) and the red lines mark the 100 m-wide section of reef from which we ...



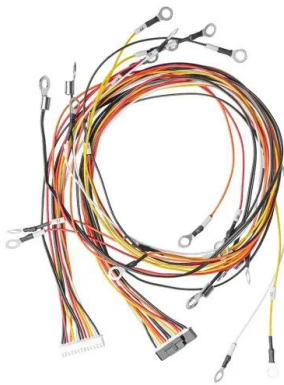
Rising sea levels and the increase of shoreline wave energy at American

American Samoa is experiencing rapid relative sea level rise due to increases in global sea level and significant post-2009 earthquake land subsidence, endangering homes and critical infrastructure. Wave and water-level observations collected over a fringing reef at Faga'itua Bay, American Samoa, in 2017 reveal depth-limited shoreline sea

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[American Samoa: Energy Action Plan](#)

N2 - This document outlines actions being taken to reduce American Samoa's petroleum consumption. It describes the four near-term strategies selected by the American Samoa Renewable Energy Committee during action-planning workshops conducted in May 2016, and describes the steps that will need to be taken to implement those strategies.

2023-2024 Energy Baseline Report: American Samoa

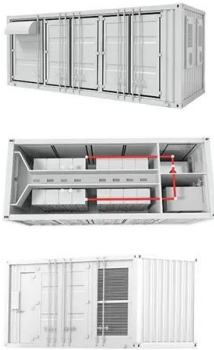
1 The 2023-2024 energy baseline report series provides a high-level overview of each territory's energy and transportation sectors, energy policy frameworks, and climate- and energy-related challenges. This report provides recent energy baseline data for the territory of American Samoa.



[American Samoa](#)

Energy Information Administration - EIA - Official Energy Statistics from the U.S. Government The page does not exist for . To view o American Samoa o Guam o Kentucky o Mississippi o Northern Mariana Islands o Puerto Rico o

Tennessee o U.S. Virgin Islands; March 19, 2015:



USDA invests \$35.5M in A. Samoa solar projects to deliver

...

1 ??· Also in American Samoa, Mana Solar LLC plans to use a \$23.5 million investment to develop a 13.4-megawatt community solar and battery energy storage system. This will provide

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KaR-Tel Launches IoT Services throughout Kazakhstan with Cisco

Cisco and KaR-Tel, a leading mobile and network service provider in Kazakhstan, have announced the availability of the Cisco Jasper Control Centre automated IoT connectivity platform for all companies looking to deliver IoT services to their customers on KaR-Tel's mobile network.



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