

## Solar Energy South Africa

# American Samoa energy group



## Overview

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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.

Where does American Samoa get fuel?

Fuel for American Samoa comes from Singapore with Busan, South Korea as an alternate provider if needed. In the case of fuel disruption, Pacific Energy prioritizes serving ASPA to ensure power and water treatment services are not interrupted (Pacific Energy representative, personal communication, August 9, 2023).

Is American Samoa a renewable country?

American Samoa's energy sector relies almost entirely on imported fossil fuels, although renewables represent a small but growing power system contribution. The territory possesses substantial solar energy resources, as well as wind and biomass resource potential.

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.

How much does electricity cost in Samoa?

Average U.S. and American Samoa Electricity Prices (2022) ASPA rates are down slightly as of January 2024—approximately \$0.41/kWh for residential and commercial customers and \$0.38/kWh for industrial customers. ASPA's total energy rates include a renewable energy flat rate charged at \$0.002/kWh

across all service types (ASPA 2024).

How much solar power does American Samoa have?

In 2021, solar power accounted for about 11% of American Samoa's electricity generating capacity. American Samoa is less than 1,000 miles south of the equator and has abundant solar energy resources.

## American Samoa energy group

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### [Energy Action Plan](#)



This 2016 Energy Action Plan builds upon the 2013 American Samoa Energy Action Plan<sup>1</sup>, provides a progress update on the 2013 priority actions (Table 1), and adds new priority actions (Table 2). ASREC is a non-regulatory advisory group sponsored by the current Administration, composed of local volunteers from multi- sector stakeholder

### 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



### [American Samoa Energy Strategies](#)

American Samoa has limited resources and, therefore, suffers economically without assistance from abroad. Investing in energy efficiency and renewable energy is an opportunity to alter that perception. This strategic energy plan prepares American Samoa to harvest its abundant energy resources for the betterment of all its citizens.

## [American Samoa](#)

American Samoa [c] is an unincorporated territory of the United States located in the Polynesia region of the South Pacific Ocean. Centered on, it is 40 miles (64 km) southeast of the island country of Samoa, east of the International Date ...



## **WASTE TO ENERGY SPECIAL WTE IN AMERICAN SAMOA**

WTE in American Samoa Developing and planning a plant The largest island has limited space for location of a replacement sanitary landfill. After much research it was decided a WTE plant would be developed for the group of South Pacific islands known as American Samoa. Here, a group of experts involved explain how the process of making

## [Territorial Energy Office](#)

AMERICAN SAMOA GOVERNMENT . Pago Pago, American Samoa 96799. Tel: (684) 699-1101 - Fax: (684) 699-2835 and energy technologies to ensure the future energy needs of the people of American Samoa. The Territorial Energy Office is designated as the Territory's Energy Office by the Governor of American Samoa and the U.S. Department of Energy



## **Final Report American Samoa Tsunami Study**

American Samoa Tsunami Study Final Report Prepared for The American Samoan Government Technical Advisory Group members, stakeholders, experts in various fields, and other

participants who and other participants who shared their time, energy and spirit of talofa in the development of the American Samoa Tsunami Study. Individuals that



## [U.S. Energy Information Administration](#)

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 2022, per capita electricity consumption in American Samoa was about 30% of the U.S. average.



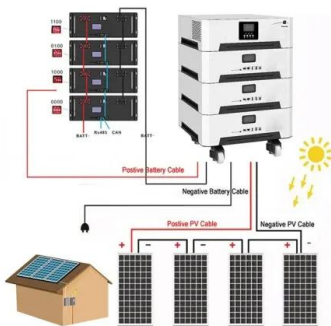
## [American Samoa Energy Situation](#)

Countries Group All American Samoa Articles Contents. 1 Introduction; 2 Energy Situation; 3 Renewable Energy; 4 Fossil Fuels; 5 Key Problems of the Energy Sector; Energy Imports Net (% of energy use): It is estimated as energy use less production, both measured in oil equivalents. A negative value indicates that the country is a net exporter.

## [Energy Snapshot American Samoa](#)

Renewable Energy American Samoa Renewable Energy Committee Regulator None Utility Name: American Samoa Power Authority State-owned fiffiffiffi. Solar Energy 1.57% Petroleum 98.43% Energy Generation Mix (2012) Energy Consumption by Sector (2012) Commercial, Small 27% Residential 29% Commercial, Large

13%



## Daily news on business and economy in American Samoa

TORONTO, Nov. 18, 2024 (GLOBE NEWSWIRE) -- Abraxas Power Corp. ("Abraxas"), a leading energy transition developer, and EDF Group ("EDF"), a key player in the energy transition and a world leader in low-carbon energy, are pleased to announce they have entered into strategic development agreements to jointly develop the Exploits Valley Renewable Energy Corporation ...

## [American Samoa Energy Action Plan](#)

NREL would also like to thank the American Samoa Renewable Energy Committee (ASREC) for their support in the development, review and finalization of this energy action planning document and the The ASREC is a nonregulatory advisory group sponsored by the current Administration, composed of local volunteers from multisector stakeholder



## State and Community Energy Programs Project Map ...

American Samoa invests SEP funds in strengthening energy education programs through media services and advertisements, by



providing workshops for schools and other organizations to increase awareness on energy efficiency, and by ...

## NOAA, PacIOOS Launch New Buoy in American Samoa

NOAA, the Pacific Islands Ocean Observing System (PacIOOS), and partners have launched a new buoy in Fagatele Bay within the National Marine Sanctuary of American Samoa. The buoy will measure carbon dioxide and other important seawater characteristics within the bay's vibrant tropical coral reef ecosystem. "This new monitoring effort in a remote area of ...



## American Samoa's Comprehensive

American Samoa with a purposeful vision towards the expanded projects to include agriculture, aquaculture, and the Manu'a development projects. community's development energy and resources to build an economy that is capable of supporting the higher productivity industries and jobs of the future. This requires increased

## Summary of Energy Initiatives in the Territories

Energy Education in American Samoa (\$298,500)  
 Funding is provided to American Samoa Community College (ASCC) to develop a grassroots effort to increase energy literacy

among young Samoans. ASCC will promote energy-related careers and three students will be hired part-time to extend energy awareness into schools.



## Daily news on business and economy in American Samoa

American Samoa Business Report "Think Globally, Read Locally Prospera Energy Inc. (TSXV: PEI) ("Prospera" or the "Company") is pleased to announce its operating and financial results for the three and nine months ended September 30 th, 2024. Selected financial and operating information should be read in conjunction with Prospera

## 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 power to approximately 2,500 households on Tutuila Island, meeting nearly 12% of their energy needs with renewable energy.



## [Samoa: Energy Country Profile](#)

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 2 - the burning of fossil fuels accounts for around

three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.



### American Samoa Energy Strategies

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