



# CIn energy Samoa

What is Samoa's energy plan?

to energy development. The plan will address Samoa's energy issues, promote sustainable energy development, ensure long-term energy security, economic growth, and enhance energy efficiency to reduce the country's dependence on fossil fuels, minimize environmental impact, and create new opportunities for innovation, em

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).

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).

Does Samoa have an emergency energy conservation plan?

1979: The U.S. "Emergency Energy Conservation Act of 1979" requires the submission of an emergency energy conservation plan by each state or territory (Public Law 96-102, as amended). American Samoa adopted its Emergency Energy Conservation Plan in 1982 (see Chapter 5, Annex A of ASCA 12 for plan details).

Which energy sources are used in Samoa in 2022?

ctricity Sources in 2022 The Electric Power Corporation (EPC), as the sole provider of electricity in Samoa, currently utilizes electricity generated from the renewable assets including those produced by Independent Power Producers (IPP). The Samoa Energy Database has recorded up to 22 community-based biogas systems ins

Who sells liquefied petroleum gas in Samoa?

act from 2019 till 2024. Liquefied Petroleum Gas (LPG) imports and sales are operated by Oceania Gas Ltd, Origin Energy Samoa, Le Aute Gas and TOA Gas. Other products such as lubricants and greases are also brought

the level of interest from American Samoa (these are estimates as USDA continues to work through the proposals received and finalize numbers). Rural Development Clean Energy - Demand for Inflation Reduction Act Programs . Program Total IRA Clean Energy Funding Requested from American Samoa Number of IRA Clean Energy Projects requested to date



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Samoa Renewable Energy Committee was established in 2010 to bring sustainable renewable energy to the islands while reducing reliance on fossil fuels. Through Executive Order #004-2010, the committee developed energy strategies to explore ...

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 \$0.33 U.S. dollars (USD) per kilowatt-hour (kWh), more than twice the average U.S. residential rate of \$0.13 USD/kWh.

The island of Ta'u in the U.S. territory of American Samoa relied heavily on diesel generation to meet its electricity needs until a solar+storage microgrid was installed in 2016. Now, instead of burning through 300 gallons of imported diesel fuel every day, the island's homes and businesses are almost entirely powered by solar+storage.

This report provides recent energy baseline data for the territory of American Samoa. Located roughly between Hawaii and New Zealand, American Samoa is the only U.S. territory in the

American Samoa for clean energy, energy efficiency, and power. This includes: o \$824,000 for weatherization; o \$2.5 million through the State Energy Program;

3 &#0183; The investments will benefit several projects across states including Maryland, Ohio, Vermont, Washington, and American Samoa, empowering nearly 7,000 households with renewable energy annually. For instance, in American Samoa, investments will develop significant solar and battery storage systems, providing a substantial boost to the island's ...

Goal 7 Targets. 7.1 By 2030, ensure universal access to affordable, reliable and modern energy services. 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix. 7.3 By 2030, double the global rate of improvement in energy efficiency. 7.A By 2030, enhance international cooperation to facilitate access to clean energy research and ...

allocated to American Samoa for clean energy, energy efficiency, and power in 2022 and 2023. This includes: o \$823.8,000 for weatherization; o \$2.5 million through the State Energy Program;

Apolima Island is considered as the first Pacific island to fully generate its" electricity from solar panels starting in 2006 and was recently acknowledged as one of the key examples that will help contribute to Samoa's goal of reaching 70 per cent of clean energy power generation by 2030 an ...

2 &#0183; USDA will also support clean energy projects across various states besides Vermont and American Samoa. In Maryland, Gridwealth-SCP LLC's GreenGage and Rosehip projects will create solar facilities and battery storage systems, supplying clean energy to more than 1,500 households in Dorchester and Somerset Counties.



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The launching of a new electricity source that will benefit up to 5,000 families on the north-western side of the island of Upolu, is a milestone for Samoa's renewable energy efforts. It is also a significant contribution to the country's climate action commitments. The SAT \$11.3 million Afolau Biomass Gasification Power Plant, is a first of its kind facility to be set up ...

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 ...

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.

Masdar Energy Services developed a wind farm on the Samoan island of Upolu, which is home to nearly 75 percent of the population. The innovative project supplies 1,500 megawatt-hours of power per year, delivering US\$475,000 in annual fuel savings. It reduces the island's carbon-dioxide footprint by more than 1,000 tonnes each year.

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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 ...

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Selected Government Ministries are marking National Renewable Energy Day 2020 with a two-day



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celebration promote the use of clean sustainable energy sources ahead of the country's move to entirely renewable sources. The celebration of the day is an annual event that also emphasises the importance...

ADB's country operations business plan, 2014-2016 for Samoa, which makes energy a priority area of support and sets a primary goal of reducing the country's dependence on imported fossil fuels by generating power from its own renewable energy sources. 7 5 ADB. 2012. Piloting a Disaster Response Facility. Manila.

Fully renewable energy feasible for Samoa, study suggests. ScienceDaily. Retrieved December 17, 2024 from / releases / 2021 / 07 / 210722113037.htm. University of Otago ...

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.

4 &#0183; This will provide power to approximately 1,300 households on Tutuila Island, meeting nearly 6% of their energy needs with renewable energy. 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.

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