

How can American Samoa meet its energy needs?

In 2016, ASREC adopted a goal to meet 50% of American Samoa's energy needs from renewable resources by 2025 and 100% by 2040. 87 ASREC developed strategies to assess and use American Samoa's renewable resources and considered ways to reduce petroleum use in land-based vehicles. 88,89,90

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.

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.

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).

Where can I find a report on American Samoa?

This report is available at no cost from the National Renewable Energy Laboratory. American Samoa has also instituted a number of rules, regulations, and informal goals to help codify its climate and energy objectives.

Samoa: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO₂ - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas ...

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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 tsunami hit in ...

In 2022, the average electricity price for residential customers in American Samoa was approximately 45 cents/kilowatt-hour (kWh) - almost three times the U.S. average of 15 cents/kWh. Renewable energy represents a small but growing power system contribution, although American Samoa relies almost entirely on imported fossil fuels.

American Samoa: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO₂ - 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.

Country name. conventional long form: American Samoa conventional short form: American Samoa abbreviation: AS etymology: the meaning of Samoa is disputed; some modern explanations are that the "sa" connotes "sacred" and "moa" indicates "center," so the name can mean "Holy Center"; alternatively, some assertions state that it can mean "place of ...

American Samoa, currently an unincorporated United States territory in the South Pacific, is comprised of 5 main islands and 2 coral atolls, with Tutuila being the largest (142.3 km²), most ...

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 ...

Renewable Energy American Samoa Renewable Energy Committee Regulator None Utility Name: American Samoa Power Authority State-owned filiffiffil. Solar Energy 1.57% Petroleum 98.43% Energy Generation Mix (2012) Energy Consumption by Sector (2012) Commercial, Small 27% Residential 29% Commercial, Large 13%

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

American Samoa U.S. Department of Energy Energy Snapshot Installed Capacity 42.2 MW RE Installed Capacity Share 13% Peak Demand (2019) 23.4 MW Total Generation (2019) 169.4 GWh Electricity Access Total population 59% Urban population 60% Rural population 45% Average Electricity Rates (USD/kWh)

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.

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.

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

This factsheet provides a high-level overview of American Samoa's power and transportation sectors - as well as territorial policies, challenges, and opportunities related to renewable ...

Overview: 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 (ASREC) during action-planning workshops conducted in May 2016, and describes the steps that will need to be taken to implement those strategies.

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. ...

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.

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WHITEFISH, MT (June 27, 2017) - U.S. Secretary of the Interior Ryan Zinke today informed American Samoa Governor Lolo Moliga, Guam Governor Eddie Calvo, and Commonwealth of the Northern Mariana Islands (CNMI) Governor Ralph DLG Torres that he has approved a total of \$3,489,427 in energy grants for their respective territories. The Secretary and the Governors ...

5 · HILO, Hawaii, Dec. 16, 2024 - USDA Rural Development State Director Chris Kanazawa today announced \$35.5 million in total investments to Banana Solar LLC, and Mana Solar, LLC, both located in American Samoa. The projects will help develop renewable energy systems to provide power for people on Tutuila Island and support community efforts to rely on ...

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 ...

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 Line and the Wallis and Futuna Islands, west of the Cook Islands, north of Tonga, and some 310 miles (500 km) south of Tokelau

Renewable energy. Water management « Back to overview. Since 1924 Observator has evolved to be a trend-setting developer and supplier in a wide variety of industries. Originating from the Netherlands, Observator has grown ...

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

Recovery Act investments in American Samoa are supporting a broad range of clean energy projects, from energy efficiency and the smart grid to solar power and biofuels. Through these investments, American Samoa's businesses, universities, non- profits, and local governments are creating quality jobs today and positioning American Samoa to play

The Eco current profiler is the first ADCP right-sized and designed specifically for shallow-water measurements. It allows you to measure water velocities in situ, through the water column using the same acoustic Doppler technology as other Nortek instruments, but in a more affordable and easy-to-use package. Simple buoy and bottom-mount solutions are available and designed to ...

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 ...

Energy self-sufficiency (%) 100 100 American Samoa COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 100% Oil Gas Nuclear ... World Amer Samoa Biomass potential: net primary production Indicators of renewable resource potential Amer Samoa 0% 20% 40% 60% 80%

Analysis and processing of current profiles. Enter your username or email connected to this account and an email with instructions on how to reset your password will be sent to you.

5 · In American Samoa, Banana Solar LLC plans to use a \$12 million investment to develop a 6.6-megawatt solar and battery energy storage system for renewable energy. This ...

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