



Sompower systems American Samoa

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.

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.

How much electricity does American Samoa use?

Annual estimated electricity consumption in American Samoa is low compared to U.S. consumption (4.38 MWh and 10.65 MWh, respectively); it is the cost of electricity and median household income that are the main drivers of the territory's home electricity burden.

What is the American Samoa shipyard Services Authority?

The American Samoa Shipyard Services Authority is a key player in American Samoa's energy sector. Shipyard facilities support local shipping and fishing fleets and provide critical services to ASPA tanks and port infrastructure.

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).

RFQ NO. ASPA24.007 - AUNU"U DESALINATION SYSTEM No. Question Answer: 1 Can you confirm we have to provide one brackish water reverse osmosis system for the 6 following sites: Aunu"u, Aua, Pago Pago, Fagaitua, Aoa and Alao Brackish RO systems for Aua, Pago Pago, Fagaitua, Aoa and Alao. For Aunu system, its a desalination system for seawater. 2

Fagaima Well Field Filtration System Project EA 2 1.0 BACKGROUND 1.1 INTRODUCTION The U.S. Environmental Protection Agency plans to award a grant to the American Samoa Power Authority (ASPA)



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funding the design and installation of the Fagaima Well Field Filtration System (WFFS) infrastructure on the Island of Tutuila.

1998 caused a severe drought in American Samoa, for example. On the other hand, weak ENSO events can also bring drier conditions by pulling the SPCZ and monsoon trough west of American Samoa.⁷ During strong La Niña events, the SPCZ lies southwest of American Samoa.⁸ Rainfall in American Samoa in La Niña years has averaged slightly below ...

Design, supply, installation and commissioning of Reverse Osmosis containerized systems for the Water Salinity Reduction Project - Phase I Page 18 of 36 ATTACHMENT B BID FORMS . To: American Samoa Power Authority. Address: Tafuna Campus, P.O Box PPB, Pago Pago, American Samoa 96799.

EPSG.io: Coordinate systems worldwide (EPSG/ESRI), preview location on a map, get transformation, WKT, OGC GML, ... American Samoa 1962 / American Samoa Lambert EPSG:3102 with transformation: 1577 Area of use: American Samoa - Tutuila, Aunu'u, Ofu, Olesega and Ta'u islands. (accuracy: 44.0) ...

American Samoa residents and travelers use the TALOFAPASS system to enter their trip, identity, and vaccination information, schedule a series of COVID-19 tests, and receive a green light to travel. ASG staff from various departments use TALOFA Pass to review and approve the traveler information before the flight to ensure all travelers comply ...

meet 50% of American Samoa's energy needs from renewable resources by 2025 and 100% by 2040. However, as of 2023, only around 3% of American Samoa's energy needs are being met by renewable resources. The other 97% of American Samoa's energy needs are provided for via imported diesel fuel that is used to power generators.

In 1995, Department of the Interior gave the Government of American Samoa a five-year grant to develop a master plan for the development of sewer, water, roads, and power services for Tualauta County. ASPA received a \$3.1 million grant from the EPA for the first phase of the Tafuna plains sewer system. The Master Plan for Port Development was ...

Andra Samoa, CEO American Samoa Power Authority P.O. Box PPB Pago Pago, AS 96799 Re: September 28-29, 2010 Clean Water Act Inspections Dear Ms. Samoa: Enclosed is the June 10, 2011 report for our September 28-29 diagnostic inspection of the American Samoa Power Authority ("ASPA"), Tutuila Island sewage treatment works.

AMERICAN SAMOA POWER AUTHORITY P.O. Box PPB, 1st Airport Road Pago Pago, American Samoa 96799 Telephone: (684) 699-1234/248-1236 Email: info@aspower Website: Project Background: This project aims to replace critical bolted steel tanks in the ASPA system to reduce Non-Revenue Water (NRW) and prevent potential tank ...



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American Samoa has had significant drinking water problems, with ongoing boil water notices impacting the majority of the population. Additionally, American Samoa is on the frontline of climate impacts. ... (ASPA's) drinking water systems has led to island-wide boil water notices. Due in part to the geology of Tutuila Island, several of the main

In 2009, the American Samoa-Hawaii Cable (ASH cable), a fibre-optic submarine communications cable, was introduced. The SAS cable between American Samoa and Samoa was upgraded to 100 Gbps in 2018. Despite the inherent complexities, the territory has made significant strides in delivering telecommunications services.

AMERICAN SAMOA POWER AUTHORITY (A COMPONENT UNIT OF AMERICAN SAMOA GOVERNMENT) September 30, 2021 and 2020 . Table of Contents PAGE Report of Independent Auditors 1-2 Management's Discussion and Analysis 3-11 Combined Financial Statements Combined statements of net position 12-13

for on-site use to receive surplus generation credits--limited to 30kW per system and 5% of American Samoa Power Authority's aggregate peak demand.¹¹ o In 2007, Chapter 5 of Title 26 American Samoa Code Annotated prioritized energy

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