

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.

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 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.

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).

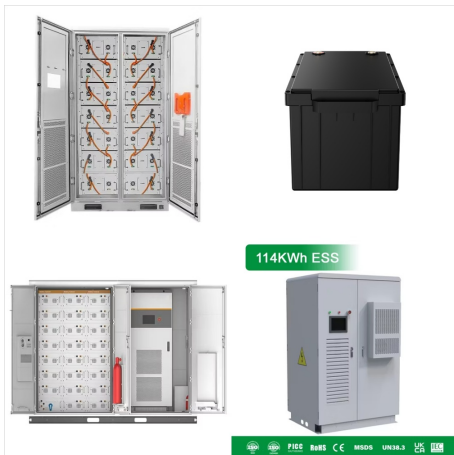
How much solar power does American Samoa have?

Of the 5 MW of ASPA's grid-connected solar PV capacity, 4.1 MW is utility scale and 900 kW is distributed across rooftops. American Samoa's smaller islands are moving toward a combination of solar, batteries, and

# EX SOLAR POWER AMERICAN SAMOA



diesel generators.



The Power Purchase Agreement (PPA) & partnership between The American Samoa Power Authority (ASPA) and Easter Power Solutions (EPS) is to finance, engineer build, operate and maintain the 20 MW Solar Farm for 25 years. ASPA buys the electricity produced at the Solar Farm at a reduced rate, compared to current diesel fuel electricity production



Yes, we do! You can get an instant quote for solar in Fagatogo by going through our 1 minute quote form, where we show you the pricing, and all possible options to go solar instantly at the best pricing in the United States. While we do service Fagatogo, and have a planned expansion into American Samoa, our Instant quotes may need



System Description: The ATEX certified Zone 1 solar module can charge a 12V battery using a charge regulator. The glass fibre reinforced polyester junction box provides a high quality, dust and watertight IP66 rated ???

# EX SOLAR POWER AMERICAN SAMOA



System Description: The ATEX certified Zone 1 solar module can charge a 12V battery using a charge regulator. The glass fibre reinforced polyester junction box provides a high quality, dust and watertight IP66 rated housing and fitted with 2 EEx e M25 cable glands to connect the solar array in series and strings to deliver output of 24Vdc or higher in this system.



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 ???



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 Our responsibility is to express opinions on these combined financial statements based on our audits.

# EX SOLAR POWER AMERICAN SAMOA



The U.S. Department of Interior also supported the project with a \$927,500 grant through its Empowering Insular Communities Program. The American Samoa Economic Development Authority helped fund the project as well. Funds were granted to the local utility, American Samoa Power Authority, who helped fund and develop the project.



A. This Request for Proposals (RFP) is issued by the American Samoa Power Authority ("ASPA") in American Samoa. The ASPA is soliciting proposals for a distributed ground mounted solar Photovoltaic at an airport location. B. To optimize on the ???



The American Samoa Power Authority is close to getting started on a new photovoltaic project on Tutuila which will produce 20 megawatts of electricity. American Samoa island powered by solar energy. 29 Oct 2016. Tau, one of American Samoa's outer Manua islands, is now powered by solar energy. Abuse survivor faces \$75k bill after ex



# EX SOLAR POWER AMERICAN SAMOA



In the heart of the Pacific Ocean lies Tau Island, an idyllic retreat in American Samoa that has undergone a monumental transformation in pursuit of sustainability. Recently, Tau Island made headlines with the inauguration of a ???



The island of Ta'u in American Samoa, located more than 4,000 miles from the West Coast of the United States, now hosts a solar power and battery storage-enabled microgrid that can supply nearly 100 percent of the island's power needs from renewable energy. This provides a cost-saving alternative to diesel, removing the hazards of power



Ta'u, American Samoa On a recent Wednesday evening on the island of Ta'u???one of the outer islands in American Samoa???most of the people in all three villages are at pese???or church choir???practice. The annual island-wide youth group showcases are coming up and each choir senses the pressure of having to perfect their routines.

# EX SOLAR POWER AMERICAN SAMOA



The stability and affordability of power from the new Ta'u microgrid, operated by American Samoa Power Authority, provides energy independence for the nearly 600 residents of Ta'u. The battery system also allows the island to use stored solar energy at night, meaning renewable energy is available for use around the clock.



Tesla and SolarCity constructed a microgrid on the Island of Ta'u in American Samoa that will supply 1.4 megawatts of solar power backed up by six megawatt hours of battery storage from 60 Tesla



RACONS, provide radar range and bearing information to ships for safe and efficient navigation within 24 hours a day. Audio and visual Navigational Aids for marine application . The nav-aids solutions can be provided as centralized system with AC or DC power source or stand alone system with power supply solar panel

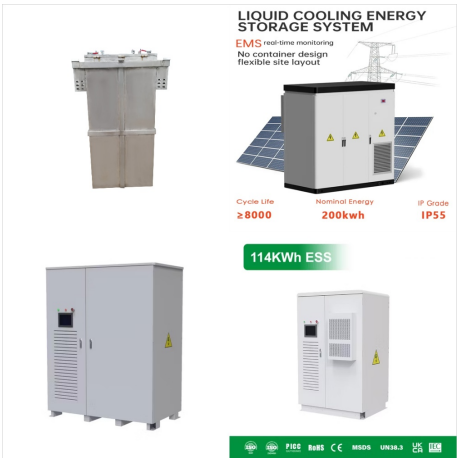
# EX SOLAR POWER AMERICAN SAMOA



About Solar for Samoa. MPower was awarded a contract to deliver a fully operational 5.0MW solar power station across two sites in Samoa. The first site at Faleolo International airport has a 3MWp solar PV ground mount system. The ???



American Samoa Power Authority (A component unit of American Samoa Government) Report on the Audit of the Financial Statements Opinion We have audited the combined financial statements of American Samoa Power Authority ("ASPA", or the "Utility"), as of and for the years then ended September 30, 2023 and 2022, and the related notes

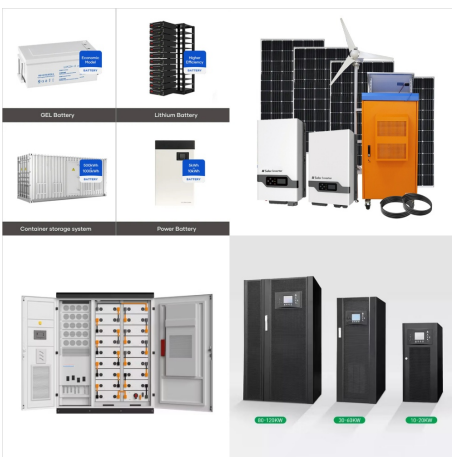


substantial solar energy resources, as well as wind and biomass resource potential. Planned renewable power projects include utility-scale solar photovoltaic (PV), wind, and battery storage systems. The American Samoa Power Authority (ASPA) is the territory's public utility and provides electricity, water, wastewater, and solid waste services

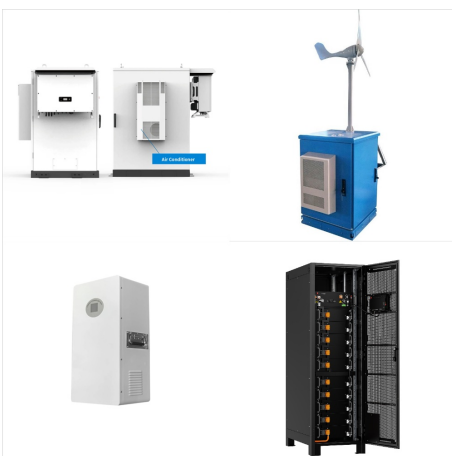
# EX SOLAR POWER AMERICAN SAMOA



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 ???



The island of Ta'u in American Samoa, located more than 4,000 miles from the U.S. West Coast, had long suffered power rationing and outages. Ta'u has a solar power and battery storage



Now, the island runs on a completely renewable microgrid that meets 100% of residents' energy needs through solar power and battery storage. In 2016, the founders of Maui, Hawaii-based company Mana Pacific helped ???



# EX SOLAR POWER AMERICAN SAMOA



Ex Solar Power Solutions fully certified with ATEX and IECEx. Suitable to be installed in Zone 1 & 2 hazardous area. Uninterruptable solar power systems is available in standalone power system, or be paired with navigations aids products for off-grid operations. Keynote.



Ex solar PV systems are solar PV systems that are rated explosion-proof and are typically installed in hazardous or potentially explosive locations such as offshore O& G platforms or petrochemical refineries. In tandem with the global shift ???



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 ???