



Sunel energy American Samoa

How does American Samoa generate electricity?

Some of its islands generate electricity from solar energy. 5,6 Pago Pago, one of the deepest natural harbors in the South Pacific, is among the territory's most important assets. It receives the imported petroleum products that American Samoa depends on to meet almost all of its energy needs. 7,8

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.

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 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.

Does American Samoa rely on petroleum?

American Samoa depends on petroleum imports for almost all its energy needs. American Samoa is the United States' southernmost territory and the only U.S. territory south of the equator. It lies just east of the international date line and is part of the Samoan Islands chain in Polynesia in the southern Pacific Ocean.

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.

One is a solar photovoltaic farm to be built near the Veterans Memorial Stadium in Tafuna and the other is a wind energy project in Aasu village. The contractor for the solar project, which has a price tag of \$US43m, is Canadian Solar/Recurrent Energy. It will generate 20 megawatts of electricity.

The energy policy landscape in American Samoa constitutes a blend of multilateral agreements, strategic plans, rules, regulations, and dedicated offices. In 2016, the American Samoa Renewable Energy Committee (ASREC) adopted a goal to meet 50% of the territory's energy needs from renewable resources by 2025 and



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100% by 2040 (EIA 2023a).

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.

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Ameresco, Inc. and Sunel Group have established Ameresco Sunel Energy S.A., which has already been selected by Cero Generation, a leading European solar energy developer, as the contractor for "Delfini", a 100MWp solar photovoltaic (PV) project in Greece, currently in the construction phase.

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In 2010, the American Samoa Renewable Energy Committee (ASREC) was established to reduce the territory's reliance on fossil fuels by 40% by 2025, increase energy efficiency, and increase renewable energy use on the islands. In 2016, ASREC adopted a goal to meet 50% of American Samoa's energy needs from renewable resources by 2025 and 100% ...



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