



Which energy sources are used in Samoa in 2022?

Electricity 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 in

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

Does Samoa have electricity?

and rural areas in Samoa. In addition to the grid-connected electricity supply, there are also several small-scale off-grid systems, mainly diesel generators and solar PV systems, providing electricity to rural communities a

What is the energy sector in Samoa?

remote areas in Samoa. The energy sector in Samoa is currently undergoing a significant transformation as the country is transitioning towards sustainable, affordable, and reliable energy supply. The SESP 2017 - 2022 comprised five (5) sub-sectors, (i) Renewable Energy, (ii) Electricity, (iii) Transport, (iv) Petroleum and (v) Institutio

Why is energy development important in Samoa?

able energy development. By optimizing energy production and consumption, island countries like Samoa can not only improve their energy security but also reduce their carbon footprint and protect the planet's natural resource for future generations. Samoa faces unique energy challenges, including vulnerabilities that demand a strategic appro

Does Samoa rely on land transport?

Electric Vehicles in Samoa Samoa relies completely on imported petroleum products for its transport sector, with the majority being consumed by land transport vehicles. Samoa's Second Nationally Determined Contributions report identifies land transport as one of the main contributors to greenhouse



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



Launched in 2023, Samoa's Climate Action Pathways for Island Transport (CAP-IT) project, backed by a US\$15.5 million investment from the Government of Japan, aims to accelerate the nation's transition to a green, low-carbon future. Implemented by UNDP, the project focuses on decarbonizing transportation through e-Mobility solutions.



Launched in 2023, Samoa's Climate Action Pathways for Island Transport (CAP-IT) project, backed by a US\$15.5 million investment from the Government of Japan, aims to accelerate the nation's transition to a green, low-carbon future. ???



The 3.5MW AC project is powered by approximately 47,000 First Solar advanced thin film PV modules and supplies power to the Electric Power Corporation. The plant is helping Electric Power Corporation achieve its renewable energy targets, and the electricity produced by the solar farm offsets a portion of existing diesel-generated



Apia, Samoa ??? 18 November 2024 ??? A recent study has shed light on the promising demand for rooftop solar energy in households and businesses across Samoa. The study was conducted by the Market Development Facility (MDF), funded by the Australian Department of Foreign Affairs (DFAT) and co-funded by the New Zealand Ministry of Foreign [???



One farmer who had to cross a river daily to reach his farm could now have someone stay on the farm, thanks to the solar power, reducing the dangerous trips across the river. Beyond the economic advantages and enhanced safety, the introduction of renewable energy has had a positive impact on morale among the farmers and their staff.



South Pacific Island efforts to reduce dependence on costly and polluting diesel fuel continue, with the installation of 546kW of solar PV across the islands of Samoa ??? the independent ???



The installation of Samoa's 546kWp solar PV grid-connected system is expected to provide significant benefits to the government of Samoa by reducing the use of diesel by around 190,000 litres p.a and realizing costs savings of approximately SAT570,000 per annum in a country which generates 60% of its electricity from diesel.



6 ? MANILA, PHILIPPINES (10 December 2024) ??? The Asian Development Bank (ADB) has signed a transaction advisory services agreement with Samoa's Electric Power Corporation (EPC) to support the development of a solar photovoltaic and battery energy storage systems with installations planned for the country's two largest islands, Upolu and Savai'i.



4 ? The project is expected to represent a capacity of up to 40 megawatts of solar and 40 megawatt-hours of batteries. According to the ADB, this will be a cornerstone of Samoa's efforts to achieve 70 per cent renewable energy in its electricity mix by 2031.



In an effort to achieve the renewable energy targets for Samoa, EPC seeks to implement two additional Solar & BESS Renewable Energy Generation Facilities (REGF"s). To this end, EPC is now soliciting EOI's from suitably qualified Independent Power Producers



South Pacific Island efforts to reduce dependence on costly and polluting diesel fuel continue, with the installation of 546kW of solar PV across the islands of Samoa ??? the independent state's largest solar project yet.