

Why is Samoa launching a new electricity source?

The launching of a new electricity source that will benefit up to 5,000 families on the north-western side of the island of Upolu, is a milestone for Samoa's renewable energy efforts. It is also a significant contribution to the country's climate action commitments.

What are Samoa's energy goals?

One of Samoa's main goals for the energy sector is to achieve 70.0 % renewable energy use by the end of 2031, as stipulated in the Pathway for the Development of Samoa (PDS 2021/22- 2025/26). The Energy Account also provides statistics to assess and monitor the progress of that goal.

Could Samoa's electricity system Go Green?

The future of Samoa's electricity system could go green, a University of Otago study has shown. Pacific Island nations are particularly susceptible to climate change and face high costs and energy security issues from imported fossil fuels. For these reasons many Pacific Island nations have developed ambitious 100 per cent renewable energy targets.

What are the energy accounts for Samoa?

1. Introduction This publication is the 2nd Energy Accounts ever produced, following the compilation of the first Experimental Energy Account for Samoa using the 2016 Samoa Energy Review by the Ministry of Finance. The Energy Accounts 2020 presents estimates on physical supply and use of energy (in joules¹) for Samoa.

What are the energy accounts for Samoa 2020?

The Energy Accounts 2020 presents estimates on physical supply and use of energy (in joules¹) for Samoa. Figure 1 highlights the Physical Energy Flows for Samoa, 2020. The accounts are compiled and developed by closely following the United Nations System of Environmental Economic Accounting (UN SEEA 2012) Central Framework and SEEA Energy 2019.

How much electricity is produced in Samoa?

Hence, Overall Total Electricity Production is estimated at 609.2 TJ (Refer PSUT). Conversion: 1 kWh = 3.6 Megajoules; then divide by 1000,000 to convert into Terajoules; or simply divide the kWh by 277,778 to get Terajoules. Note: Electricity Industry own uses and losses. Source: Samoa Trust Estate Corporation.

As part of the ambitious Greening Moonshot Initiative aiming to cut the carbon emissions of UNDP by half by 2030, UNDP Samoa recently made a significant investment in sustainable transportation.

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According to EPC's Annual Report 2019-2020, 45 per cent of electricity was generated from renewable energy. Most of the electricity in Samoa, particularly for the main grid, is generated from diesel, hydro-power and solar ...

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Samoa: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO 2 - 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.

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