



SolarTech Power Solutions

Armenia Energy Storage Project Subsidy



Overview

Does Armenia have solar energy?

Armenia has significant solar energy potential: average annual solar energy flow per square metre of horizontal surface is 1 720 kWh (the European average is 1 000 kWh), and one-quarter of the country's territory is endowed with solar energy resources of 1 850 kWh/m² per year. Solar thermal energy is therefore developing rapidly in Armenia.

How can Armenia reduce its environmental footprint?

The government of Armenia also encourages the use of advanced technologies and best practices in renewable energy projects to minimize their environmental footprint. This includes the use of energy-efficient equipment, waste management systems, and measures to reduce noise and visual impacts.

What percentage of Armenia's Energy is renewable?

Renewable energy resources, including hydro, represented 7.1% of Armenia's energy mix in 2020. Almost one-third of the country's electricity generation (30% in 2021) came from renewable sources. Forming the foundation of Armenia's renewable energy system as of 6 January 2022 were 189 small, private HPPs (under 30 MW), mostly constructed since 2007.

What is the procedure for energy audits in Armenia?

The Procedure for Energy Audits is the norm-setting legal act that regulates energy audits in Armenia. This procedure was approved by Government Decree 1399-N of 31 August 2006 and revised by Decree 1105-N of 4 August 2011 and Decree 1026-N of 10 September 2015.

How many HPPs are there in Armenia?

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2007. Installed capacity is approximately 389 MW for annual generation of 943 GWh, covering 14% of domestic supply.

Can bioethanol production be exploited in Armenia?

Annual biogas potential of around 135 mcm is just beginning to be exploited, and the Renewable Energy and Energy Efficiency Fund recently produced an Assessment of Bioethanol Production, Potential Utilization and Perspectives in Armenia exploring possibilities for bioethanol production and presenting the concept to investors.

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