

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.

How important is R&D in energy technology and innovation in Armenia?

Research and development (R&D) in energy technology and innovation in Armenia is not significant, though it is becoming more important. The government's plan to develop new renewable energy technologies will increase the need for technology and innovation funding, and for skilled human resources.

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.

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 much does it cost to rebuild a HPP in Armenia?

Various upgrades have been performed since the early 2000s, and one of the seven HPPs (Yerevan HPP) is currently under reconstruction at a cost of USD 40 million. Constructing small HPPs is Armenia's favoured course of action to develop the renewable energy sector and secure energy independence.

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Armenia's energy policy has seen enormous changes after becoming an independent state in 1991. Being a part of the unified all-union energy system of the then Soviet Union (USSR), the Armenian energy sector was deeply affected by numerous difficulties during...

The creation of a common energy market with the countries of the region will help Armenia to develop its economy and enhance its security, said Armenian Deputy Minister of Territorial Administration and Infrastructure Hakob Vardanyan.

After more than a year of negotiations, Russia has completed the acquisition of Armenia's power distribution network, tightening its grip on the Armenian energy sector. The Armenian government says the \$73-million takeover will breathe new life into the Electricity Networks of Armenia (ENA).

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On July 15, 2023, at 02:08, the 4th and 3rd turbine generators of power unit No. 2 of the Armenian Nuclear Power Plant (ANPP) were connected to the unified energy system of the Republic of Armenia, thus announcing the end of planned preventive maintenance (PPM), as we learn from the official website of the Armenian Nuclear Power Plant.

ANPP joined the unified energy system of Armenia after Planned Precautionary Maintenance (PRM)-2024, on August 11. The commissioning of the power unit was planned for August 18, but thanks to the efficient work of the staff, it was possible to implement it about 1 week earlier than planned.

development of the energy system were unified and outlined: o Free, competitive and non-discriminatory, o Inclusive and diversified, energy independence at the possibly highest level, o Clean and energy efficient: sustainable developing, o Of regional significance, o Reliable and safe,

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