

Why should Tajikistan invest in hydropower?

Tajikistan's geographic proximity to some of the world's fastest-growing energy markets means that investing in developing its hydropower potential can contribute to regional energy security and the clean energy transition, in addition to addressing Tajikistan's high vulnerability to climate change and natural disasters.

What is the IEA energy sector review of Tajikistan?

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Which sector consumes the most energy in Tajikistan?

While the industrial sector has historically been the largest energy consumer in Tajikistan, its consumption is now at par with the buildings and transport sectors following significant demand growth in these sectors since 2012.

How is Tajikistan generating energy?

At the same time, the rest of Tajikistan is mainly heated through electricity, biomass and coal. Meanwhile, in Dushanbe projects are being implemented with EBRD to finance the private sector (mostly sports facilities), providing loans to establish RES and implement energy-efficient measures.

Is Tajikistan a net exporter of electricity?

At the annual level Tajikistan is a net exporter of electricity, but there are seasonal shortfalls of supply. The network losses calculated from the official energy statistics are relatively high, being 14.2% of the supply in 2020 and averaging 15.5% between 2000 and 2020. IEA. All rights reserved.

Is there a market for Energy Services in Tajikistan?

At the same time, the EBRD has also opened a credit line for citizens who want to implement energy-efficient technologies in their own homes (EBRD, 2017). A market for energy services and ESCOs does not currently exist in Tajikistan.

In October 2023, the United Arab Emirates (UAE) firm MW Energy signed a memorandum of understanding with Tajikistan's Ministry of Energy and Water Resources to develop ground-mounted and floating solar projects that will generate 500 MW of energy.

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Hydropower-rich Tajikistan plans to produce 1 million metric tons of green hydrogen by 2040 for usage at home and exports to neighbouring central Asian countries, its Minister of Energy and Water...

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Tajikistan's electricity sector is almost solely based on hydropower and is characterised by seasonal surpluses and shortages, and a state-owned electric utility with financial viability issues.

Tajikistan's energy system, which is capable of achieving energy sector development goals that will provide affordable, secure and clean energy for its population and neighbouring markets, while contributing to the region's energy transition and climate

