



# Tajikistan energy conservation





## Overview

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Tajikistan has reached nearly 100% electrification—a rare achievement among developing nations. However, a new global report warns that major gaps remain in heating, energy reliability, and clean cooking access. Thus, decarbonizing the Tajikistan's energy sector is crucial to achieving the country's ambitious carbon emissions reduction target under the Paris Agreement. Hydropower dominates the energy mix with a share of over 40%, yet industrial and residential coal consumption has significantly increased. Hydropower is the main source of energy in Tajikistan, followed by imported oil, gas and coal. Energy policy focuses on providing uninterrupted energy access to all users while improving regio . Tajikistan stands out among developing countries for having achieved near-universal access to electricity by 2022. This milestone, documented in the international SDG7-2025 report by the UN, World Bank, WHO, IEA, and IRENA, places the country alongside Eastern European and South Caucasus states in. Last September, Tajikistan's Minister of Energy and Water Resources, Daler Juma, laid out ambitious plans for the future of the country's energy sector. While solar PV and wind are still cost-intensive compared.



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### [Tajikistan's Efforts to Build Out its Energy System Reflects](#)

A country that continues to deal with dire energy shortages, if Tajikistan can continue to attract attention from foreign investors, it can not only build out a crucial sector but also diversify ...

### [Tajikistan's Sustainable Energy Future: Building Bright Horizons](#)

Learn how Tajikistan's Sustainable Energy Future drives resilience, innovation, and sustainable development.



### [Tajikistan's renewable energy capacity increased significantly](#)

Despite the dominance of hydropower, Tajikistan holds significant potential for the development of solar and wind energy. The country receives an average of about 300 sunny days ...

## Tajikistan

Hydropower is the main source of energy in Tajikistan, followed by imported oil, gas and coal. However, Tajikistan's energy sector is prone to supply shocks. Energy policy focuses on providing ...



## Energy Policy Brief: Turkmenistan

Tajikistan seeks to enhance its energy system resilience by reconnecting to the United Energy System of Central Asia. This effort is supported by large infrastructure projects of common interests, such as ...

### Tajikistan achieves power access--but faces heating and energy

Tajikistan has reached nearly 100% electrification--a rare achievement among developing nations. However, a new global report warns that major gaps remain in heating, energy reliability, ...



### Understanding the climate and net-zero transition risks and

Tajikistan's future energy infrastructure must be designed with increasing demand, including that related to economic growth and diversification, climate change and other threats like cyber-attacks in mind.



### Tajikistan leads Central Asia in renewable



## [energy capacity](#)

In June 2024, Tajikistan rejoined the Unified Energy System of Central Asia, opening up new opportunities for regional energy cooperation. This event contributes to strengthening energy ...



## Tajikistan

Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your ...

## Tajikistan's Energy Paradox

Tajikistan is one of the most energy-intensive countries in the region. Aging heating systems, poorly insulated buildings, and inefficient technologies in agriculture and industry all ...





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