



# Tajikistan emergency energy storage power supply price

What is the power supply system in Tajikistan?

Tajikistan's power supply system is dominated by hydropower plants, most of which were built during the Soviet era. Hydropower plants account for 96 per-cent of the total installed capacity of 4,750 MW.

How much does electricity cost in Tajikistan?

Tajikistan used to be part of the Central Asia Power System with a number of interconnections to its neighbors Uzbekistan and Kyrgyz Republic and, through Uzbekistan, to Turkmenistan. With low cost gas-fired power plants, the tariff for imported electricity would be around 6 cents per kWh. Various import routes are considered:

Is solar power a priority supply option in Tajikistan?

Generally, in the context of power system planning, solar power has the primary role of saving energy since you can't rely on its availability. Because fuel in the form of gas, oil, or coal plays only a very minor role in Tajikistan, solar power is not considered as a priority supply option.

Does Tajikistan have a power sector?

The power sector is considered a strategic industry for Tajikistan. In 2016, it launched the National Development Strategy 2030 which includes a goal to become energy independent. The strategy's primary aims are summarised as "10-10-10-10-500", which is shorthand for: Increasing installed capacity by 10 GW. Reducing technical grid losses by 10%.

Is Tajikistan's Electricity crisis financially viable?

With the current low electricity prices, this plan to address Tajikistan's electricity crisis is not financially viable; electricity prices would need to increase by roughly 50 percent<sup>1</sup> in the short term.

Can Tajikistan and Uzbekistan supply electricity?

Tajikistan and Uzbekistan had established contracts for supply for several years; however, an acceptable arrangement for transiting ("wheeling") electricity through Uzbekistan could not be agreed.

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The power sector is undergoing several institutional reforms to alleviate these challenges including restructuring the vertically integrated utility, implementing energy efficiency laws and ...

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It focuses on investments and policy reforms in order to strengthen the financial, technical, and institutional capacities in the power sector and to prepare the Government for undertaking a ...

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Experts link the financial insolvency of Tajikistan's energy sector, and consequently the regular increase in electricity prices, to two main problems that have not been solved for ...

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