## **SOLAR PRO.** Energy storage roadmap Kosovo

What is the energy strategy in Kosovo?

The main policymaking documentin the energy sector in Kosovo is the Energy Strat-egy (hereafter: the Strategy). The Strategy is drafted by the Ministry of Economy, covers a period of ten years and has to identify the main challenges that the sector faces and outline the policies to develop the sector.

#### How secure is electricity supply in Kosovo?

Security of elec-tricity supply depends on a fleet of aged coal-fired power plants built between the 1960s and 1980s owned and operated by the Kosovo Energy Corporation, one of the bigest public enterprises in the country. The uptake of renewables has been slow with a limited number of support mea-sures in the last decade.

#### What is the energy mix in Kosovo?

The oth-er generation capacities in Kosovo come from hydropower plants while renewables are less represented in the energy mix al-though their representation has been rising in the last decade. Currently, Kosovo has 137 MW installed wind capacity and 10 MW installed solar capacities.

### Why is Kosovo at an early stage of energy transition?

The fact that Kosovo is at an early stage of its ener-gy transition means that it is still possible to ensure that the main policies and inter-ventions can be just and equitable to all groups.

#### Should electricity prices increase in Kosovo?

Noting the eventual increase in electricity prices, the media representative added that that is acceptable in Kosovo's context: "If it means my child (if we have higher electric-ity prices due to less coal in the energy mix and more renewables) will be healthier, and I will live longer, (or) at least on average the general population will." 18

#### How many units are there in Kosovo?

Kosovo A,built between 1962 and 1975,has five units,out of which only three are operational,namely,A3,A4,and A5,with a combined installed capacity of 610 MW. Kosovo B was built between 1983-4 and has two units,both of which continue to be operational and each with an installed capacity of 339 MW.

In March 2023, the Kosovo Parliament adopted the Energy Strategy 2022-2031, committing to fully decarbonizing the energy sector.17 The strategy represents a pivotal step in Kosovo"s energy transition and is focused on five strategic objectives: Improving system resilience; Decarbonization and promoting renewable energy; Increasing energy

key vulnerability of Kosovo"s energy sys-tem is the vast reliance on the two old lignite-fired thermal power

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plants for gen-eration. Thus, this high reliance on lignite power plants makes the energy system unflexible, leading to unstable security of supply, unreliable, and dependent on imports, despite the regular restorations.

In 2023, the Parliament of Kosovo adopted the Energy Strategy for 2022-2031 (hereaf-ter: the Strategy). The Strategy, drafted by the Ministry of Economy and endorsed by the Government, is the highest policy-set-ting document of the energy sector. The Strategy is unique insofar as it rejects the possibility of new coal-based generation

The Assembly of Kosovo approved the Energy Strategy of the Republic of Kosovo 2022-2031 on 8 March 2023. You can find the Strategy at the following link: https://me.rks-gov/en/energy-2/ Latest news

Battery Energy Storage Systems (BESS): Implement BESS with a total capacity of 170 MW/340 MWh to support grid stability and integrate renewable energy sources. Support and Funding: Utilize the grant provided by the Millennium Challenge Corporation for the development and deployment of these energy storage systems. Future Preparedness: Prepare for

Developing its renewable energy potential combined with energy efficiency improvements, an effective demand-side response, and increased international cooperation will help Kosovo achieve a cleaner, economically viable energy roadmap. Kosovo remains committed to long-term decarbonization and to develop new energy generation that provide ...

The Government of Kosovo\* is preparing a series of auctions for renewable energy and battery storage capacity. Minister of Economy Artane Rizvanolli revealed plans for auctioning 950 MW in the next two years, in line ...

The Government of Kosovo"s draft Energy Strategy prioritizes an ambitious vision for a just energy transition for the country between 2022-31. The Government of Kosovo envisions using market-based solutions, in the form of competitive auctions, to deliver new, renewable energy at affordable prices.

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Kosovo"s recent Energy Strategy sets an ambitious vision to achieving a just energy transition for the country between 2022-2031. The main pillar of the Strategy is to accelerate renewable deployment, focused on utility-scale wind and solar PV. Kosovo plans to integrate 1200 MW of RES over the next 10-years. 100 MW Solar E n gi n ee ri n g, P ...

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capacity. Minister of Economy Artane Rizvanolli revealed plans for auctioning 950 MW in the next two years, in line with the energy strategy until 2031.

Web: https://gennergyps.co.za