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Serbia s emergency energy storage power supply



Overview

How much power does Serbia have?

It currently has a total capacity of approximately 3490 megawatts (MW) of renewables, with 2342 MW in hydropower in 2019 according to the European Energy Community. Serbia announced plans to install new hydropower plants and two existing dams, and to rehabilitate a further 15 existing power plants totaling around 30 MW with EBRD financing.

What is Serbia's energy strategy?

Serbia is dependent on imports of crude-oil and natural gas, but is endowed by reserves of lignite and the potential of renewable energy sources. Serbia has a strategy to reduce greenhouse gas emissions in the energy sector and to increase the share of renewable in gross final energy production 27% by 2020.

What is Serbia's energy investment plan?

The Ministry of Mining and Energy has announced a €15 billion investment plan for the electricity sector in next several years, expecting to reach more than 3 GW of renewable energy production plants. The main players and investors in the Serbian Energy Sector are:

What percentage of Serbia's electricity comes from coal?

Serbia's national power utility Electric Power of Serbia (EPS) produces nearly 70 percent of the country's electricity from coal and nearly 27% percent from hydropower, with approximately 4% coming from private developers in wind and solar energy. Serbia heavily subsidizes coal and electricity prices, inhibiting competition.

How much hydropower does Serbia have?

Serbia has plans to significantly expand its installed hydropower and renewables capacity in the coming years. It currently has a total capacity of

approximately 3490 megawatts (MW) of renewables, with 2342 MW in hydropower in 2019 according to the European Energy Community.

Will Serbia develop a 1 GW solar power plant?

As a first step, in August 2023, the Serbian Government published a public call for a strategic partner to develop a 1 gigawatt (GW) solar PV power plant, together with a minimum of 200 MW of storage. The government also announced that it will publish a similar call for the development of a 1 GW wind power plant by the end of this year.

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