

Serbia has good wind solar storage and transmission

Why is Serbia investing in wind energy?

Serbia has been investing in wind energy projects, and several wind farms have been under development or already operational. The government has shown support for wind energy as a means to diversify the energy mix and reduce dependence on conventional sources.

What is the energy mix in Serbia?

t: Renewable Energy in Serbia
Status of Renewable Energy Deployment
Fossil fuels dominate Serbia's energy mix as of 2017 with 87% of the total primary energy supply (TPES), mainly consistin

Which energy sources are used in Serbia?

Coal accounted for 66% of electricity generation, followed by hydropower with 26% and natural gas (4%). In Serbia, the proportion of modern renewable energy sources in final energy consumption was around 27% in 2021. In terms of electricity generation, 28% of the electricity is generated from renewables, predominantly from hydropower (91%).

What if Serbia used its full technical potential?

As we can see, if Serbia would use its entire technical potential, it would increase the generating power by 405%, and would be more than autoefficient of the WB6. Greenhouse gas emissions in Serbia are around 65,5M tons of CO2 equivalent. Serbia faces several challenges in increasing the share of renewable energy in its energy mix.

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 investment plan?

The Ministry of Mining and Energy has announced a EUR15 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:

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