

ContainerPower Energy Solutions

Serbia coal-to-electricity energy storage equipment



Overview

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.

Does Serbia subsidize coal & electricity prices?

Serbia heavily subsidizes coal and electricity prices, inhibiting competition. Recently, the Serbian government and EPS have announced ambitious plans to transition to green energy solutions and reduce Serbia's dependence on Russian natural gas.

What kind of energy does Serbia use?

For energy, Serbia relies on lignite and small quantities of imported coal: 43.3% of its total energy supply of 23.0 million tonnes of coal equivalent in 2021. The country's electricity generation is based on lignite - 62.3% of 38.2 TWh gross generation in 2021 - and hydro (31.3%), recently complemented by wind power (2.8%).

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 the production of heat energy in the Republic of Serbia?

The production of heat energy (in heating plants, thermal power plants and autoproducers) in the Republic of Serbia is mainly based on fossil fuels.

Why is the energy sector important in Serbia?

The energy sector is the mainstay and support for the Republic of Serbia's overall economic and social development. Energy security, reliable and secure supply of adequate quantities and high-quality energy, and energy sources are the basic postulates of energy sector development.

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