

# **Does Serbia have power plants**







#### **Overview**

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. Will Serbia be able to build nuclear energy plants?

The lifting of the ban on nuclear energy in Serbia does not necessarily mean the country will take a decision to build nuclear energy plants, but the vote to lift the ban means that the feasibility studies currently being carried out will help inform a possible decision to do so.

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.

Is a future nuclear energy programme possible in Serbia?

Serbia's National Assembly has voted through amendments to the energy law which has ended the 35-year prohibition on the construction of nuclear power plants. A group of ministers, academics and other experts was formed earlier this year to examine a possible future nuclear energy programme (Image: Emilija Jovanovic/Serbia's Ministry of Energy).

Does Serbia have a coal-fired power plant?

It has come at a cost. Nearly 70 percent of Serbia's electricity comes from coalfired power plants, which caused an estimated 15,000 deaths in 2021 alone linked to pollution, according to a report by the European Environment Agency.

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.

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.



## **Does Serbia have power plants**



#### Serbia and coal

Coal mines The two lignite mining fields in Serbia are in the Kolubara and Kostolac basins. The open cut mines in the Kolubara basin produce approximately three-quarters of the lignite in ...

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# Where does Serbia get their energy from?

Electric power is generated in both thermal and hydro power plants, and the country is a net exporter of electrical energy. The generating capacity is about 16,000 GWh.





### List of power stations in Serbia

With the establishment of the UNMIK administration in Kosovo on 1 July 1999, Serbia lost access to the local coal mines and power plants, including Kosovo A and Kosovo B power plants.

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# Power struggle: Serbia eyes nuclear energy to fuel future

Nearly 70 percent of Serbia's electricity comes from coal-fired power plants, which caused an estimated 15.000 deaths in 2021 alone linked ...







# BELGRADE -- Driven by a need to diversify its

Serbia's Nuclear Energy Quest Opens Geopolitical Flash Point ...

energy sector and pivot away from cheap Russian gas, Serbia is moving to end the country's decades-old policy banning the ...

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# Serbia continues discussions on future nuclear projects

The construction of nuclear power plants, nuclear fuel production plants and plants for used nuclear fuel processing for nuclear power plants in ...

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# Serbia and energy: a problem without much solutions

Serbia, which has a population of roughly 6.9 million people, gets the majority of its electricity from domestic sources. Around 70% of Serbia's electricity is generated from low ...

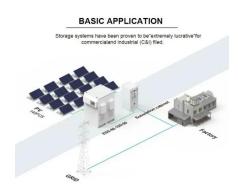


# Serbia's Nuclear Energy Quest Opens Geopolitical ...

BELGRADE -- Driven by a need to diversify its energy sector and pivot away from cheap Russian gas, Serbia is moving to end the country's ...

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# Serbia lifts 35-year moratorium on nuclear power plant ...

Serbia has officially lifted its 35-year moratorium on the construction of nuclear power plants, marking a pivotal shift in the country's energy strategy. The Energy Law, passed ...

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### **Energy industry in Serbia**

The solar energy sector in Serbia is still at a relatively early stage, and the total installed capacity of solar power plants for 2023 was 43 MW. The country also operates a ...

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# ELECTRIC POWER INDUSTRY OF SERBIA

Power plants and coal mines: KOSOVO B KOSOVO ? \* KOSOVO TPP TPP UNDER CONSTRUCTION TPP potentially place CHP HPP COAL MINE



#### Serbia

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.

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# #Solar Inverter

# Serbia will build renewable power plants totaling 3,000 ...

Due to the changes in the regulatory framework, auction calls and the upcoming strategic partnerships, Serbia should get power plants using ...

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# Yugoslavia and weapons of mass destruction

The Socialist Federal Republic of Yugoslavia began its own nuclear weapons program in the early 1950s, amid rising tensions with the Soviet Union during the Informbiro period. Yugoslavian

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#### Serbia lifts nuclear power ban

Serbia, a candidate for European Union membership, has pledged to abandon coal by 2050. To achieve this, the government has been exploring alternative energy sources ...



# <u>Does Serbia need a nuclear power</u> plant?

Nuclear power plants after Chernobyl Nuclear power plants like Chernobyl are no longer being built today. In contrast, today's have the so-called. containment, a protective ...

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# Serbia lifts 35-year moratorium on nuclear power plant ...

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In 2022 Serbia's national electricity generation came nearly 68% from fossil fuels, mainly coal, about 28% from hydropower, and a small percentage - from wind and solar. ...

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# Serbia plans for future with nuclear energy

Serbia's National Assembly has voted through amendments to the energy law which has ended the 35-year prohibition on the construction of ...



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#### bne IntelliNews

The Dukovany nuclear power plant in Czechia. While other Central and Southeast European countries include nuclear in their energy mixes, Serbia has only now lifted its ban adopted in ...

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# Serbia considers gas-fired power plants as temporary energy ...

Serbia is exploring the possibility of building gasfired power plants for electricity production, but this option is seen as a temporary solution due to its carbon emissions, said ...

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#### **Energy industry in Serbia**

In 2022 Serbia's national electricity generation came nearly 68% from fossil fuels, mainly coal, about 28% from hydropower, and a small ...



# Serbia lifts nuclear moratorium after 35 years

Serbia's National Assembly has approved legislation that overturns the nation's decadesold moratorium on nuclear power plants as the nation ...

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# 415W

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# Serbia on its way to nuclear energy - Serbian Monitor

Serbian officials have been frequently stating that Serbia needs nuclear energy, and today a document confirming this direction was signed,

..



### Serbia

In Serbia, the National Renewable Energy Action Plan set targets of renewable energy sources use until 2020, as well as the pathway to achieve them. Among other things, it enhances ...

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