

What is the Slovenian power station

How many power plants are there in Slovenia?

In Slovenia, there are eight power-generating companies, each with one main power station, with the exception of hydropower, where one company operates a chain of power plants on a single river system. Most of the major players in electricity production are owned by the two parent companies, Holding Slovenske Elektrarne (HSE) and GEN energija.

How does the Republic of Slovenia utilise nuclear energy for electricity generation?

At the strategic level, the Republic of Slovenia supports further exploitation of nuclear energy for electricity generation, including through the construction of new nuclear power plants (NPPs) or small modular nuclear reactors (SMRs). Slovenia is in the early process of spatial planning for a new NPP, the JEK2 NPP.

How many nuclear power reactors are there in Slovenia?

Slovenia has one nuclear power reactor in operation, Krsko NPP, with total net capacity of 688 MW (e), which produced 5333 GWh in 2023 or 36.8 % share of total electricity production in Slovenia. The Krsko NPP started commercial operation in 1983 and received Environmental Approval to extend its lifetime from 40 to 60 years in January 2023.

How much electricity does Slovenia produce?

Slovenia has diversified primary sources for electricity production. In 2019, Slovenia had 3820 MW of total installed electricity capacity, 688 MW of which was provided by Krsko NPP, 1351 MW by hydropower plants, 1512 MW by thermal power plants and 269 MW by solar and wind power plant facilities (see Table 3).

How much hydropower does Slovenia have?

The estimated hydropower reserves of Slovenia are up to 9.1 TWh per year, of which 4.3 TWh are already exploited. The country is connected to three gas pipelines, from Algeria, Austria and the Russian Federation.

TABLE 1. ESTIMATED AVAILABLE ENERGY SOURCES a Coal, including lignite (million tonnes).

What is the long-term peaceful use of nuclear energy in Slovenia?

During March 2024, the Government of the Republic of Slovenia set the text of the draft Resolution on the Long-term Peaceful Use of Nuclear Energy in Slovenia and submitted it to the National Assembly for consideration.

Information about over 50 000 petrol stations from 26 countries in Europe. Their fuel types, prices, location, extras, photos and ratings all updated daily. Slovenia . Austria; Bosnia and Herzegovina; Belgium; ... Average fuel prices in Slovenia on April 13, 2025 Unleaded: 1,519 EUR/l Diesel: 1,545 EUR/l LPG: 0,873 EUR/l. Yesterday in 09:30

It is used as a reserve unit for the Slovenian electric system. The power station is operated by Termoelektrarna

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Trbovlje and state-owned power utility HSE. Chimney. The Trbovlje Chimney (Trboveljski dimnik) of the power station, built in 1976, is the tallest flue-gas stack in Europe. The 360-metre (1,180 ft) high flue-gas stack required 11,866 ...

In 2021, Slovenia joined the Powering Past Coal Alliance (PPCA) and, in January 2022, announced that the country would phase out coal by 2033. The country has 1,069 megawatts (MW) of operating coal power capacity at two coal plants: the large Sostanj power station and Te-Tol power station.

An emergency bill passed by the National Assembly on 12 December provides for EUR403 million in transitional financing for the Sostanj power station and Velenje mine until 2027. Both companies will be transferred from the state-owned power utility HSE to the Slovenian Sovereign Holding (SSH), which manages equity on behalf of the state.

Sostanj, the only remaining coal-fired power station in Slovenia, will likely only be operational in case of electricity shortages and high market prices until it is removed from the grid per ...

Produces both electricity and steam/hot water for district heating in Ljubljana. Name, River ... Name, Location ... This list is incomplete; you can help by adding missing items. (February ...

Slovenia's infrastructure ministry has issued the Energy permit for the construction of a second unit at Krsko, Slovenia's only nuclear power station, a step that allows permitting procedures to begin. Details of the project are not yet defined, but the plan is to build a 1.1 GW unit with an estimated production of 9 TWh of electricity per ...

Approximately one-third of Slovenian electricity consumption is derived from two brown-coal and lignite fired power stations. These ageing power stations account for all of the domestically mined coal. One of the existing power stations -- the 125 megawatt Trbovlje Power Station is scheduled to be closed in 2015 while two additional units with an installed capacity ...

Slovenia's Energy Minister Bojan Kumer sparked controversy by dismissing the delayed plans for a new unit at the country's only nuclear power station.

Te-Tol power station is an operating power station of at least 238-megawatts (MW) in Ljubljana, Slovenia. It is also known as Ljubljana CHP power station. Log in; Navigation. Main page. Recent changes. ... Te-Tol power station Ljubljana, ...

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Under the Treaty between the Government of the Republic of Slovenia and the Government of the Republic of Croatia on the regulation of the status and other legal relations regarding investment, exploitation and decommissioning of the ...

HSE power plants produce more electricity in five months than the Slovenian part of the Krsko NPP produces in one year. The power on the threshold of HPP Mariborski otok is 60 MW, which is comparable to solar panels on 40 football fields. The pumped HPP Avce has a flow of 640 Olympic pools of water every day.

2.5.7 The Italian and Slovenian power exchanges and market operators (GME SpA and Borzen respectively), jointly with the Italian and Slovenian TSOs (TERNA and ELES respectively), launched a market coupling project on the Slovenian-Italian border. ... To date hydro generating stations are the principal source of renewable energy in Slovenia ...

The following page lists all power stations in Slovenia. Produces both electricity and steam/hot water for district heating in Ljubljana.

Slovenia has one nuclear power reactor in operation, Krsko NPP, with total net capacity of 688 MW (e), which produced 5333 GWh in 2023 or 36.8 % share of total electricity ...

The power plant is a subsidiary of the Holding of Slovenian Power Plants which is the largest producer of renewable energy in Slovenia and faces increasing difficulty in managing excesses of renewable energy produced by the group. ... of the project is to provide hydrogen refuelling capability to the Mediterranean Core network corridor by ...

The National Assembly has adopted a resolution on long-term peaceful use of nuclear energy in Slovenia that promotes further use and development of nuclear energy, including by expanding the sole existing nuclear power plant in Krsko. The MPs also endorsed a proposal for a referendum on Krsko 2, which is expected to take place in late November.

The Ljubljana Power Station is a coal-fired heat and power station in the Moste District of Ljubljana, the capital of Slovenia. It delivers 90% of the remote generated heat in Ljubljana. ...

List of power plants in Slovenia from OpenStreetMap. OpenInfraMap > Stats > Slovenia > Power Plants. All 118 power plants in Slovenia; Name English Name Operator ...

Welcome to Krsko Nuclear Power Plant - NEK. Learn about the plant and the positive effects of its reliable operation in daily life. About us; How NEK works; Operation; Our commitments ... of Slovenia's electrical energy consumption is ...

Total gross electricity production in 2019 amounted to 16100 GWh, of which 5821 GWh was produced from the nuclear power plant, 4683 GWh from hydropower plants, 5287 GWh from thermal power plants and 303

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...

Power plants input generated electric power into the transmission network; five distribution companies and high-voltage network consumers offtake electric power from the transmission network. In order to preserve the balance in the electric power system, the exchange of electric power with Austria, Italy and Croatia through international cross ...

Nuclear energy in Slovenia. The Krsko Nuclear Power Plant (NEK) transmitted its first kWh of electricity to the grid in 1981. In its forty years of operation, it has become one of the most successful and safest nuclear power ...

Slovenia has 8 utility-scale power plants in operation, with a total capacity of 2736.0 MW. This data is a derivative set of data gathered by source mentioned below. Data and information ...

In Slovenia, there are eight power-generating companies, each with one main power station, with the exception of hydropower, where one company operates a chain of ...

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