Main power distribution in Slovenia



Overview

About 40 percent of Slovenia's electricity comes from renewable sources, 90 percent of which is generated by hydropower. The transmission network enables uninterrupted, quality, safe and reliable energy power transmission in Slovenia and across the border to Europe. 7 gigawatts (GW) distributed across eight power plants. The energy landscape in Slovenia is diversified, with a reliance on various primary. Total primary energy supply (TPES) in Slovenia was 6.



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On May 1 and 2 this year, for the first time ever, five Slovenian power distribution companies fed more electricity into the transmission network than they drew from it.



Energy production includes any fossil fuels drilled and mined, which can be burned to produce electricity or used as fuels, as well as energy produced by nuclear fission and renewable power sources such ...



Show plants under construction. Statistics on the electricity network in Slovenia from OpenStreetMap.



The energy landscape in Slovenia is diversified, with a reliance on various primary energy sources that include coal, hydro, gas, and nuclear power. This mix reflects both the historical context of energy ...



Thermal power plants account for 23 percent of electricity production, while nuclear power provides 37 percent. Almost half of Slovenia''s total energy consumption consists of imported ...

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Electricity generation is mainly provided by nuclear power (36.2% in 2019), hydroelectricity (29.1% in 2019), and coal (27.9% in 2019); the three sources accounting for 93.2% of total electricity generation.



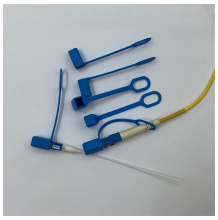
Elektro Ljubljana operates the largest distribution network in Slovenia. With electricity infrastructure that covers 6,166 km2 (30.4 % of the country) we make sure that electric power reaches every part of ...



Transmission network operates at high voltage level of 110 kV, 220 kV and 400 kV for efficient transmission of large power over long distances. All larger Slovenian production facilities are ...



The transmission network interconnects the key participants in the electric power system in the Republic of Slovenia - power plants, distribution companies and larger consumers. It also enables the ...



The transmission network enables uninterrupted, quality, safe and reliable energy power transmission in Slovenia and across the border to Europe. Slovenia''s high-voltage transmission network consists of ...

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