



Clean electricity czech republic





Overview

In 2025, Czechia has made significant progress in transitioning to low-carbon electricity sources, with more than half of its electricity coming from clean energy. Nuclear power plays a crucial role, contributing over 40% to the total electricity generation, making it the dominant low-carbon. Czechia has decoupled economic growth from energy consumption since 2009, yet the country's energy and carbon intensity remain above the IEA average, which highlights the need to make energy efficiency the “first principle” of energy policy. Embassies worldwide by Commerce Department, State Department and other U. agencies' professionals The Czech energy sector is largely built around two large nuclear plants. Czechia is the fourth-largest net exporter of electricity in the EU, right behind France, Germany, and Sweden. Although fossil fuels. The draft update of the Czech Republic's National Energy and Climate Plan (NECP) is based on the requirement of Regulation (EU) 2018/1999 of the European Parliament and of the Council on the Governance of the Energy Union and Climate Action and includes objectives and policies in all five.



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Czechia Electricity Generation Mix 2025

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[2030 Renewables Target: Meeting the Challenge](#)

The issue is not identical in the Czech Republic, but it's no less important - and it's worth exploring in some detail because the Czech Republic is a useful case study of why the transition to ...



Czechia

Electrification of end-use sectors offers a dual benefit of reducing emissions and saving energy. The overall electrification rate of 19% in Czechia is below the EU average of 22%. Heat pumps and ...

[Update of the Czech National Plan of the Republics in the field of](#)

The Czech Republic's strategic objective is to reduce the share of fossil fuels (used without capture technology) in primary energy consumption to 50 % by 2030 and 0 % by 2050 and to completely ...



[Percentage of electricity generation from clean sources in the Czech](#)

57.8% is the present percentage of electricity generation from clean sources value in the Czech Republic, reflecting an increase of 3% (5.5%) since 2023.

[The National Energy and Climate Plan of the Czech Republic](#)

The National Plan contains goals, or rather Czech Republic's contribution to EU goals, for each of those areas, as well as tools to achieve these goals. The National Plan of the Czech ...



[Czech Energy Act Amendment - A Step Towards a Clean Future?](#)

The long-awaited amendment to the Czech Energy Act, known as "Lex OZE III", has officially been passed by the Parliament. While it introduces significant and predominantly positive ...



Czech Republic



The Czech Republic has two nuclear power plants at Dukovany and Temelin, which delivered over 31 TWh of electricity in 2022. Both plants were designed and built in the 1980s and ...



Czech Republic

The country has approved a new National Energy Policy to reduce its overall energy consumption and the energy intensity of its economy as well as to speed up the implementation of low-carbon sources ...

Energy in the Czech Republic

In April 2025 it was reported that the Czech Republic has achieved full independence from Russian oil supplies for the first time in its history, ending over 60 years of reliance.



Energy and technology - Czechia

The country has approved a new National Energy Policy to reduce its overall energy consumption and the energy intensity of its economy as well as to speed up the implementation of low-carbon sources ...



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