

## SolarTech Power Solutions

# Are there any new energy base stations in the Czech Republic



## Overview

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State utility notifies ministry of plans for small modular reactors at Tušimice in North Bohemia The Tušimice coal power plant will be retired in 2030 and the possible start of construction of SMRs can be in 2034. Courtesy ČEZ. Czech state-controlled utility ČEZ has notified the country's.

Czech Minister of Industry & Trade Lukáš Vlček, during a visit to Brno, said the South Moravian Region and the Vysočina Region, will be most affected by the construction of a new nuclear power units in Dukovany, the largest investment in the history of the Czech Republic. Currently the four.

The Czech Republic belongs to a group of developed countries, across the world, which have integrated the peaceful use of nuclear energy into their energy mix. The world currently faces two major global energy challenges - access to energy resources and the negative impact of greenhouse gas.

The Czech Republic submitted its updated National Energy and Climate Plan to the European Commission on January 8, 2025, featuring significant increases in renewable and nuclear energy capacity. The Czech Ministry of Industry and Trade and the Ministry of the Environment worked together to align.

The Government has taken another significant step towards the construction of new nuclear power sources in the Czech Republic. At its meeting on Wednesday, 17 July 2024, it confirmed the selection of Korea Hydro & Nuclear Power Company (KHNP) as the preferred contractor for this strategically. Who will build Czech Republic's newest nuclear reactor?

On Tuesday Oct. 31, 2023, three energy companies including U.S. Westinghouse, France's EdF and Korea's KHNP, have submitted their final bids to build the Czech Republic's newest reactor at the Dukovany nuclear power station as the country strives to become more energy independent and wean itself of fossil fuels. (AP Photo/Petr David Josek, File).

How many nuclear reactors does the Czech Republic have?

Currently, the Czech Republic operates six nuclear reactors, providing about one-third of its electricity. It plans further expansion, including up to four new large power units and 3 GW from small modular reactors.

Where does the Czech Republic get its electricity?

The Czech Republic currently gets about one-third of its electricity from the four VVER-440 units at Dukovany, which began operating between 1985 and 1987, and the two VVER-1000 units in operation at Temelín, which came into operation in 2000 and 2002.

Why should the Czech Republic invest in nuclear power plants?

The construction of new nuclear power plants, the largest investment in the history of the Czech Republic, has the potential to become a huge stimulus for the economy, for the expansion of education, research and development, and for development in the regions concerned.

Will Czech government finance Dukovany nuclear power plant?

The Czech government has announced plans for a state loan to finance construction of two new units at the Dukovany nuclear power plant, with a contract scheduled to be signed with Korea Hydro & Nuclear Power next week. From left: Stanjura, Fiala, Vlcek and Beneš make the announcement (Image: Gov.cz).

When will KHNP and Czech Republic finalise a nuclear reactor contract?

The Czech Republic and KHNP plan to finalise the contract in 2025, aiming for

completion of the first reactor by 2036. The expected impacts on various aspects of the region were identified by the Dukovany 2024 Socio-Economic Study, which Vlček presented in Brno.

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