

Czech small uninterruptible power supply plant





Overview

Could the Czech nuclear industry be involved in projects beyond Central Europe?

Thanks to its know-how, the Czech nuclear industry might get involved in projects beyond Central Europe. In addition to electricity generation, SMRs can be used for co-generation and hydrogen production. "Due to their size and power output, these reactors can be a suitable replacement for coal-fired power plants which are being phased out.

Why is Czech involvement in the supply chain important?

Czech involvement in the supply chain and production of prefabricated units is an opportunity that can result in developing a new economic focus, cultivating nuclear know-how, and a long-term partnership with the manufacturer's country of origin.

How can SMR technology help the Czech nuclear industry?

The technology is quickly gaining traction in Europe and globally. Thanks to its know-how, the Czech nuclear industry might get involved in projects beyond Central Europe. In addition to electricity generation, SMRs can be used for co-generation and hydrogen production.

Which companies are collaborating with Czech companies?

The roadmap also includes information on the various design options, with the ministry's statement noting that among those interested in cooperating with Czech companies were Rolls-Royce SMR and GE Hitachi, whose designs were said to be the "most advanced in the development of a functional SMR".



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Czech SMR development roadmap approved

Nov 3, 2023 · Jozef Síkela, Czech Minister of Industry and Trade, speaking the day after final bids were received for the construction of a new unit at the Dukovany nuclear plant, said: "Small ...

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Czech Republic Power Industry Report 2025: Market Outlook,

May 29, 2025 · This report discusses the power market structure of Czech Republic and provides historical and forecast numbers for capacity, generation, and consumption up to 2035.

Czechia's CEZ plans SMRs at two coal-fired power plants sites

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