

Internal Information

Americans and French will supply nuclear fuel to Temelín

The American company Westinghouse and French company Framatome have won the tender to supply nuclear fuel assemblies for the Temelín Nuclear Power Plant. Deliveries will start in 2024 and continue for approximately 15 years. The contract is worth billions of crowns.

Three bidders, Framatome, TVEL and Westinghouse, participated in the tender launched in April 2020. Due to diversification, two suppliers were finally selected so that CEZ Group could reliably ensure a continuous supply of fuel cells for the Temelín Nuclear Power Plant's reactors in the future, thus minimizing the risks of a possible supply outage.

Both winning companies are world leaders in the nuclear power industry. Westinghouse, with a manufacturing plant in Sweden, has already supplied fuel assemblies to Temelín for ten years after its commissioning. Framatome is the only manufacturer based in the European Union that supplies fuel assemblies to most Western European nuclear power plants.

Westinghouse Electric Company has more than 60 years of nuclear power experience worldwide. It offers products and services in the design, construction, management, servicing and maintenance of nuclear power plants, and the manufacturing and servicing of key nuclear components. It currently operates in 19 countries.

Framatome is an international company, with more than 60 years of history, involved in the design of nuclear power units, the design, service, and installation of components for nuclear power plants, production of nuclear fuel, and supply of measurement and control systems. It supplies 380 reactors worldwide.

Since the beginning of the year, the Temelín plant has generated 4.9 terawatt hours of electricity and provided 20 percent of the annual electricity consumption in Czechia. Together with Dukovany, these plants produce the largest amount of clean electricity and thus significantly contribute to CEZ Group's emission-free generation. Thanks to nuclear power plants, the emission of approximately two tens of millions of tons of CO₂ is avoided every year.