



Arabelle Solutions and S.N. Nuclearelectrica sign contract for the refurbishment of the turbogenerator of Unit 1 at the Cernavoda Nuclear Power Plant in Romania

Arabelle Solutions, part of the EDF Group and a market leader in nuclear turbine island technology and services, was awarded a contract by S.N. Nuclearelectrica (SNN), the national Romanian electricity company, for the refurbishment of the turbogenerator of Unit 1 at the Cernavoda Nuclear Power Plant in Romania.

This contract forms part of Romania's national program to extend the operational life of Unit 1, in commercial operation since 1996, and supports the country's strong commitment to energy independence and to nuclear energy as a pillar of the national energy mix and economic development. The Cernavoda plant, located in southeastern Romania, is the country's sole nuclear facility and supplies about 20% of national electricity demand.

"We are proud to support the refurbishment of Cernavoda Unit 1, a project of strategic importance for Romania's energy future. This contract reflects our commitment to delivering proven, reliable, and innovative technologies that enable the safe, long-term operation of nuclear assets, while providing reliable, low-carbon electricity to future generations", explains Catherine Cornand, CEO of Arabelle Solutions.

This project builds on the longstanding collaboration between Arabelle Solutions and Nuclearelectrica. Over the years, Arabelle Solutions has provided maintenance services for both Unit 1 and Unit 2, including multi-year agreements and refurbishment of shaft line components.

"Arabelle Solutions has long-standing expertise in manufacturing world-class turbine island technology and providing essential services to maintain, maximize and extend the lifetime of nuclear power plants around the world. We are delighted to continue our partnership with SNN", explains Arnaud Westrelin, Executive Vice-President, Services at Arabelle Solutions.

"The refurbishment of Cernavoda NPP Unit 1 aims to ensure the safe and economically efficient operation of the unit for a new full life cycle. All preparation and implementation activities are carried out according to the highest standards of excellence and international best practices. We are pleased to collaborate with Arabelle Solutions, a trusted partner that has contributed to the successful operation of Cernavoda Units 1 and 2 over many years", said Cosmin Ghita, Chief Executive Officer Nuclearelectrica.

The refurbishment program covers every phase of the project, from engineering studies and manufacturing to the on-site dismantling of existing systems, installation of new equipment, and long-term maintenance operations, with the unit scheduled to return to operation in 2030.

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About Arabelle Solutions

Arabelle Solutions is a global leader in nuclear turbine island technologies and services, helping its customers produce reliable, low-carbon electricity. Its innovative technology ranges from the world's most powerful steam turbine in operation, to pioneering modular designs optimized for SMRs, as well as generators, pumps, heat-exchangers, and controls. Arabelle Solutions technologies and services are used in around a third of nuclear power plants globally. The company has around 3,300 employees across 16 countries and is a subsidiary of EDF Group.

About EDF

The EDF Group is a key player in the energy transition, as an integrated energy operator engaged in all aspects of the energy business: power generation, distribution, trading, energy sales and energy services. The Group is a world leader in low-carbon energy, with an output of 520TWh 94% decarbonised and a carbon intensity of 30gCO₂/kWh in 2024, a diverse generation mix based mainly on nuclear and renewable energy (including hydropower). It is also investing in new technologies to support the energy transition. EDF's raison d'être is to build a net zero energy future with electricity and innovative solutions and services, to help save the planet and drive well-being and economic development. The Group supplies energy and services to approximately 41.5 million customers⁽¹⁾ and generated consolidated sales of €118.7 billion in 2024.

(1) The customer portfolio consists of electricity, gas and recurring service contracts