



## Arabelle Solutions to supply Steam Turbine Island equipment for the AP1000® at Poland's First Nuclear Power Plant, a Bechtel and Westinghouse project.

Arabelle Solutions has been selected by Bechtel and Westinghouse Electric Company to supply three half-speed Arabelle steam turbine and generator sets for the AP1000® at the first-ever nuclear power station in Poland. The decision was confirmed by Polskie Elektrownie Jądrowe (PEJ), the Polish state-owned company that is implementing the project at the Choczewo site in Pomerania.

"We are proud to partner with Bechtel and Westinghouse Electric Company to deliver the turbine hall equipment for the first nuclear power plant in Poland, contributing to providing reliable, low-carbon electricity to the country. This project reflects both the trust of our partners and the commitment of our teams to carry forward our long-standing expertise and legacy of innovation to meet the world's growing energy needs," said Catherine Cornand, Chief Executive Officer, Arabelle Solutions.

"The choice of Arabelle Solutions for the project's steam turbine generator is a strong complement to the AP1000® reactor," said Dan Lipman, President of Westinghouse Energy Systems. "Having such a major European supplier involved in the project underscores Westinghouse-Bechtel consortium 'Buy Where We Build' philosophy and our commitment to having Polish companies participating throughout the entire project."

The project marks the construction of Poland's first nuclear power plant. Arabelle Solutions will supply all three units of Choczewo nuclear power plant with the steam turbine, generator including auxiliary systems, as well as key equipment of the water steam cycle including the condenser, moisture separator reheaters, low and high-pressure feedwater heaters, and feedwater and deaerating tanks.

In total, the half-speed Arabelle steam turbine generator shaftline for the AP1000® NPP will be 68 meters long and includes a combined high/intermediate-pressure module and three double-flow low-pressure modules for improved cycle efficiency. It will be coupled with a hydrogen and water-cooled GIGATOP 4-pole generator synchronized to the 50 Hz Polish grid.

### Powering local expertise

The supply chain for the turbine hall will include specialist providers from Poland: "We aim to further develop the Polish supply chain in cooperation with our AP 1000 partners and Government programs, in order to enhance the industrial base and deliver the skills for the future," added Catherine Cornand.

"This is an important milestone and reflects the strong partnerships required to deliver Poland's first nuclear power plant," said Ed Gore, Project Director, Poland AP1000 Project, Bechtel. "Arabelle Solutions brings deep regional capabilities and provides opportunities for Polish producers to participate in this project. We are proud to apply Bechtel's world-class construction expertise to support the energy transition of Poland."

"As a result of a transparent, competitive and extremely demanding procurement process, a supplier of one of the largest components of the conventional part of our power plant was selected. The procurement process itself, in which PEJ participated, was based on the highest technical and quality standards. We have chosen a partner who guarantees experience, and above all reliability and a wide chain of suppliers - largely Polish", said Marek Woszczyk, President of the Management Board of Polskie Elektrownie Jądrowe.

Arabelle Solutions has more than 60 years of nuclear industry expertise built on continuous design innovation and manufacturing best-in-class turbine island technology and providing essential services to maintain, maximize and

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extend the lifetime of nuclear power plants around the world. The company's integrated solutions, recognized for their world-class performance and reliability, span a wide range of equipment, from the most powerful steam turbines currently in operation to modular designs optimized for Small Modular Reactors (SMRs), as well as generators, pumps, heat exchangers, and control systems.

**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 3,500 employees across 16 countries and is a subsidiary of EDF Group.

**About Bechtel**

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**About Polskie Elektrownie Jądrowe**

*Polskie Elektrownie Jądrowe sp. z o.o. is a company responsible for activities including the preparation of the investment process and acting as the investor in the project to build first Polish nuclear power plant with a total capacity of 3.75 GWe based on safe, proven, large-scale generation III(+) pressurized water reactors (PWR), and potentially, their future operation. The Company also supports the government administration in activities aimed at the execution of the Polish Nuclear Power Programme and the development of a civil nuclear power program and the civil nuclear power sector in the Republic of Poland. For more information, please visit: [www.pej.pl](http://www.pej.pl) and follow us on LinkedIn and X.*

**About Westinghouse**

*Westinghouse Electric Company is shaping the future of carbon-free energy by providing safe, innovative nuclear and other clean power technologies and services globally. Westinghouse supplied the world's first commercial pressurized water reactor in 1957 and the company's technology is the basis for nearly one-half of the world's operating nuclear plants. Over 135 years of innovation makes Westinghouse the preferred partner for advanced technologies covering the complete nuclear energy life cycle. For more information, visit [www.westinghousenuclear.com](http://www.westinghousenuclear.com) and follow us on Facebook, LinkedIn and X.*