



## Arabelle Solutions to supply two turbine islands for Sizewell C nuclear power plant

**Arabelle Solutions will supply the two complete turbine islands for the Sizewell C nuclear power plant in the UK, jointly producing 3.2 Gigawatt of low-carbon electricity. A contract signing ceremony was held at Sizewell C's London offices on Tuesday, attended by senior representatives from both organisations, including Catherine Cornand, Chief Executive Officer of Arabelle Solutions.**

Each turbine hall will include an Arabelle steam turbine with a 75-inch last stage blade, a 1.7GW GIGATOP generator, heat exchangers, pumps, and auxiliary equipment. Each shaftline will measure approximately 70 metres in length and consist of a high-pressure and intermediate-pressure module, three low-pressure modules as well as the generator.

Arabelle Solutions will contribute proven experience and expertise developed during the Hinkley Point C project to Sizewell C. Benefiting from the replication of the two EPR (European Pressurised Reactors) and building on lessons learned with continuous improvements in design, manufacturing, and testing, Arabelle Solutions will help drive a more streamlined construction process.

Once operational, Sizewell C will supply reliable, low-carbon electricity to the equivalent of six million homes for at least 60 years.

"We are proud of the contribution that Arabelle Solutions' world-class turbine island technology for Sizewell C will play in delivering low-carbon electricity to millions of UK consumers. Our commitment to a long-term partnership also includes supporting workforce training and skills that will deliver the UK's nuclear ambitions for the generations to come." explains Catherine Cornand, CEO of Arabelle Solutions.

Nigel Cann, Joint Managing Director of Sizewell C, said: "Having worked at Hinkley Point C for many years I'm delighted that such an experienced and dedicated company like Arabelle Solutions has secured this contract. Their attention to detail and desire to continually innovate is second to none. Awarding this contract is a really significant moment for our project as these two turbines will ultimately deliver enough low carbon energy to power up to six million homes."

Cedric Couffignal, Executive Vice President, New Build at Arabelle Solutions, added: "As at Hinkley Point C the large Arabelle turbine is well suited to the output requirements and site conditions at Sizewell C. Our teams will build on their experience and learning from Hinkley Point C and, to reach the best achievable performance, the turbine will once again incorporate a 75-inch last stage blade, the longest such blades ever made."

### 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

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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 30gCO<sub>2</sub>/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<sup>(1)</sup> and generated consolidated sales of €118.7 billion in 2024.

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