

Vélizy-Villacoublay, 26 June 2024
05:40 pm

Press release

Eiffage, SPIE Nucléaire and ABC secured in consortium the contract for the main diesel backup generators for the projects of six EPR2-type nuclear reactors

Eiffage, through its subsidiary Eiffage Énergie Systèmes (mandatary), SPIE Nucléaire and ABC, recently signed the contract with EDF to supply and install the main diesel backup generators for the projects of six EPR2-type nuclear reactors. The contract is worth more than €900 million in total.

The contract includes the design, approval, manufacturing, installation, testing and commissioning of 24 10 MWe diesel backup generators for the six EPR2 units project, which will operate in pairs on three sites: Penly, Gravelines and Bugey. Each unit will incorporate four backup generators (three main and one for maintenance), their auxiliary electromechanical equipment, ventilation systems in the generator halls, and fire suppression systems.

The consortium's project takes into account EDF's equipment standardisation and replication requirements in relation to the new French nuclear programme.

The design phase will begin this year. The implementation is expected to take 17 years. At its peak period, this project will involve almost 350 people on each of the three sites and will generate 80,000 hours dedicated to social employment and jobs for people with disabilities.

The Eiffage group secured the civil engineering works contract for the first two EPR2-type reactors at Penly in November 2023, and this new contract shows the ability of the Group to execute large-scale projects in the pursuit of decarbonisation and energy sovereignty for France.

The engine manufacturer ABC will supply the generating sets with frame and alternator, with its subsidiary OMTD taking responsibility for installation and on-site testing. ABC had previously supplied EDF with emergency diesel generators for the 900 and N4 units.

SPIE Nucléaire is proud to be supporting these upgrades to France's low-carbon electricity production capacity. For this contract, SPIE will be contributing all its expertise in ventilation systems, pipework and fire protection systems.

About Eiffage

Eiffage is one of Europe's leading construction and concessions companies. The Group's activities are organised around the following business lines: construction, real estate and urban development, civil engineering, metal, roads, energy and concessions. Thanks to the experience of more than 78,200 employees, Eiffage generated revenue of €21.8 billion in 2023, of which 31 percent was outside France.

About Eiffage Énergie Systèmes

Eiffage Énergie Systèmes designs, builds, operates and maintains electrical, industrial, HVAC and energy systems and facilities while respecting people and protecting the environment. Eiffage Énergie Systèmes provides a customised offer for the industrial, infrastructure and network markets, local authorities and the commercial sector. Eiffage Énergie Systèmes generated revenue of €5.94 billion in 2023.

Eiffage press contact

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About SPIE Nucléaire

A subsidiary of SPIE France, SPIE Nucléaire is the multi-technical partner of reference for the design, installation, modification, maintenance and dismantling of nuclear facilities. Thanks to its expertise in electrical, mechanical, HVAC and nuclear engineering, SPIE Nucléaire is committed to promoting sustainable, controllable and safe low-carbon energy.

With 1,500 employees and 45 locations in France, SPIE Nucléaire offers a level of proximity unparalleled in the market, enabling it to provide tailor-made solutions to its customers.

As a global player in energy, digital and industrial transitions, SPIE France, a subsidiary of the SPIE group, offers solutions that provide support to companies, industries and communities for the emergence of a low-carbon society. It achieves this with the support of its six subsidiaries, which employ 19,000 employees across 400 sites in France. With more than 50,000 employees, SPIE group achieved in 2023 consolidated revenue of €8.7 billion and consolidated EBITA of €584 million.

Press contacts

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About ABC

Established in 1912, Anglo Belgian Corporation (ABC), located in Ghent, Belgium, is a leading European manufacturer of medium-speed internal combustion engines in the power range between 600 and 12,000 kW. It has installed safety-rated generator systems compliant with different international standards on several continents. ABC's adaptability allows it to meet its customers' specific requirements and expectations.

About the ABC supply chain

ABC is part of the family-run OGEPAR group, which also includes a number of major suppliers in ABC's supply chain. These include four foundries for cast iron, two of which are based in France, and a turbocharger manufacturer, enabling the group to provide 85% of the components required to make combustion engines. The remaining 15% are sourced from Europe.

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