

## Siemens receives the first order of its 2 MW engines for a power plant in the UK

- **The new series of engines from the company's new business division, Siemens Engine Business, is the most efficient on the market**
- **The engines are specially designed to deliver improved performance of power generation, industrial and cogeneration applications.**
- **The plant will have six generators, providing a capacity of 12 MW, and will be commissioned in November this year.**

Siemens, the global technology leader, has received the first order for its new high-efficiency, low-emissions E-series 2 MW gas engines for a power plant in the United Kingdom. The company's new business division, Siemens Engine Business, has signed a contract with the company Hartree Partners, an international energy specialist, for the supply of a plant to its client Knitting Wife Beck in Yorkshire, UK.

It is a turnkey project of supply a 12MW of installed power for the application "peak shaving" where Siemens Engines Business - from its factory in Zumaia (Spain) -, will supply six SGE-86EM container generatos in its containerized version. This installation is scheduled to be commissioned this year.

Faye Bowser, Business Development Manager for Siemens Distributed Energy Systems, says: "With the combination of the new 2 MW engines and the experience of Hartree Partners in the energy market, this flexible plant will provide a balanced supply of critical power for the National Grid, improving the integration of renewable energy in the electricity system."

This new series of Siemens engines offers, among its many advantages, its particular design for an improved performance, for power plants, as well as for combined applications with heat recovery. In addition, this unique solution for gas engines provides the flexibility and speed in start-up and in-load demanded in this application of "peak shaving".

The new plant will benefit from improved performance in terms of energy efficiency, with lower operating costs and emissions thanks to the best generation technology on the market. The engines use state-of-the-art turbocharging and fuel injection technologies, which boost output, reduce fuel consumption and optimise maintenance costs.

According to Adam Lewis, Head of European Power for Hartree Partners: "Power plants form an important part of our growth strategy and this project shows we are on the right track. The market is as competitive as it has ever been, meaning our creativity, collaboration and efficiency in delivering the engines will be key to success."

Siemens has owned the Zumaia factory since its acquisition of Guascor engines in 2015, together with the range of Dresser-Rand products. For over 50 years, these engines have been regarded as the toughest on the market on account of their ability to generate heat and power and their reliability for critical, demanding applications. A total of 4,700 engines from the plant in the Basque Country are currently in operation in more than 50 countries throughout the world.

Siemens has developed the engines as part of the new area of its Power and Gas division, Siemens Engine Business, which is focused on overcoming many of the obstacles currently facing the industry. This, together with the company's significant investments in R&D&I and 50 years of experience, make Siemens Engine Business a world-leading technology supplier for liquid and gas fuel engines for a wide range of applications and sectors. Siemens Engine Business provide gas engines/generators between 150 and 2,065 kW and diesel engines/generators between 184 and 1,324 kW.

### **About Siemens Spain**

Siemens Spain has 3,347 employees (excluding those companies with a 50% holding). The company innovates, manufactures and exports from its global competence centres at Cornellà (railway equipment), Getafe (portable radiology equipment), Rubí (electrical material) and Miñano (engines).

### **Contacto para periodistas**

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