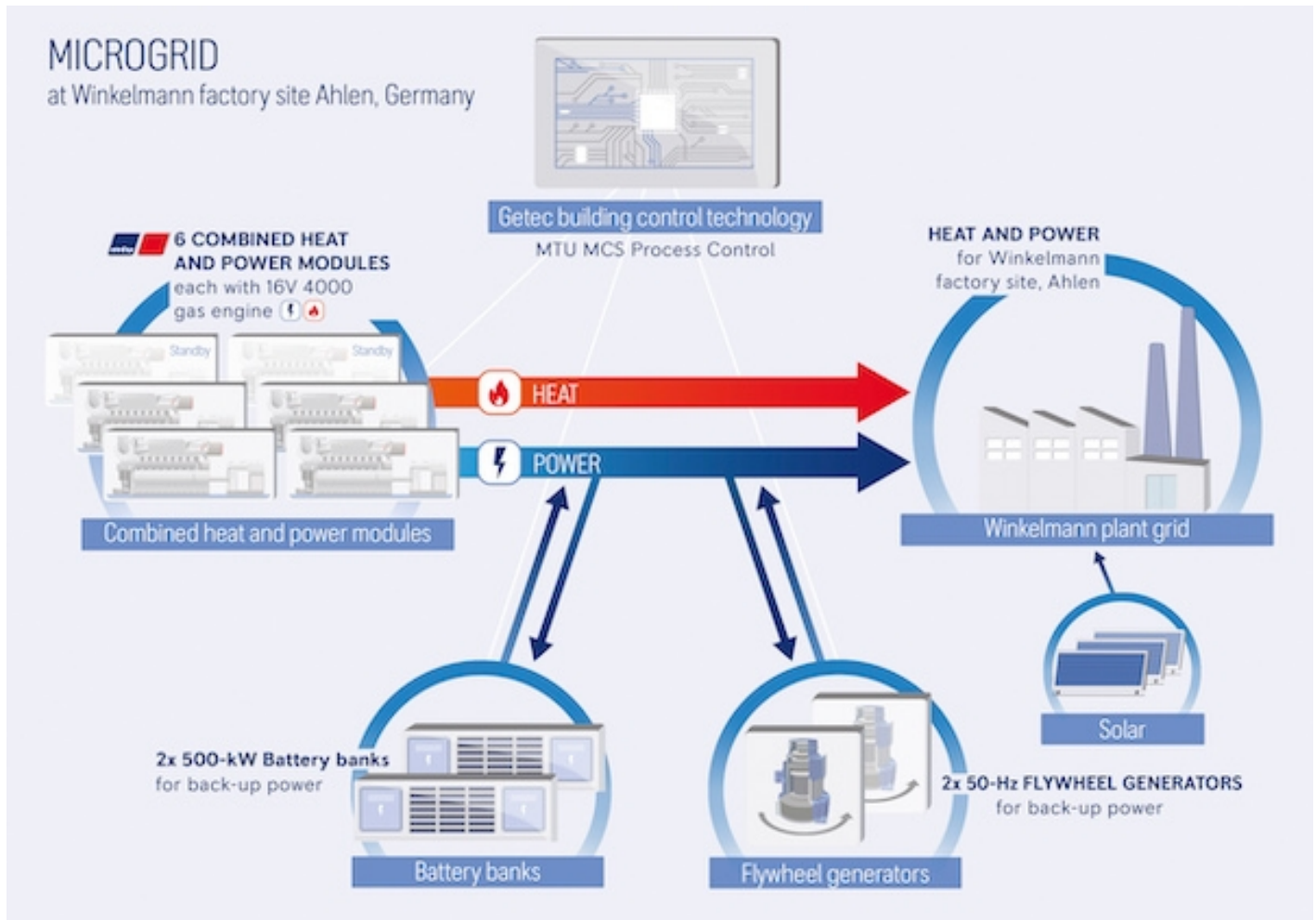




ROLLS-ROYCE AND GETEC TO COLLABORATE ON DECENTRALISED ENERGY SOLUTIONS

News / Manufacturer



Rolls-Royce and the energy provider GETEC signed a cooperation agreement at the beginning of July 2019 and will thus intensify their collaboration on the design concept, construction and operation of decentralised energy supply systems in Europe. Both companies see great potential in their close cooperation. Companies within the GETEC Group offer a wide range of energy-related services and system-based total solutions in contracting, from the basic concept and financing to the construction of the plant and down to operation and servicing. As the technology partner, Rolls-Royce contributes a large product portfolio of energy system solutions through its MTU Onsite Energy brand – plants for the generation of emergency standby and continuous power, in addition to CHP plants and microgrids. These include diesel and gas gensets, control systems and battery containers.

“The successful and trusting collaboration we have enjoyed with GETEC in the course of the last few years has introduced us to deepen the relationship even further and together offer our customers sustainable energy solutions,” said Andreas Görtz, Vice President Power Generation Business at Rolls-Royce Power Systems.



“The energy world of tomorrow is decentralised, efficient and innovative. These are characteristics that both GETEC and Rolls-Royce with its MTU Onsite Energy brand embody to the same degree. It also means that the partners not only match in technological terms, but also in terms of their values. With this cooperation agreement, therefore, we intend to provide our joint customers with optimum economic and sustainable solutions and in this way reduce their carbon footprint,” said Thomas Wagner, CEO of the GETEC Group.

The aim of the collaboration is to supply and operate efficient and environmentally friendly decentralised energy systems, such as CHP plants, on and off-grid microgrid solutions, in addition to further energy-related services and energy-efficient solutions in contracting. Both partners will also jointly develop new solutions for the supply of energy to industrial companies, customers from

the property sector and other areas that are tailored in each case to the specific need.

In the course of the last few months, the successful collaboration between Rolls-Royce and GETEC has already been demonstrated with the design concept and commissioning of a new microgrid for the German automotive components supplier Winkelmann in Ahlen. A total of six CHP modules and an instrumentation and control system from MTU Onsite Energy have been integrated into the plant. To compensate for production-related load variations of up to 1.5 MW in a matter of seconds, the experts from GETEC and Rolls-Royce have additionally connected two flywheel storage systems and a battery storage system to the system. In total, over 9 MW of electrical power and just under 10 MW of thermal output are available for the operation of the industrial company. This has enabled Winkelmann Powertrain Components GmbH to disconnect itself completely from the public grid and operate its own efficient energy system.

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