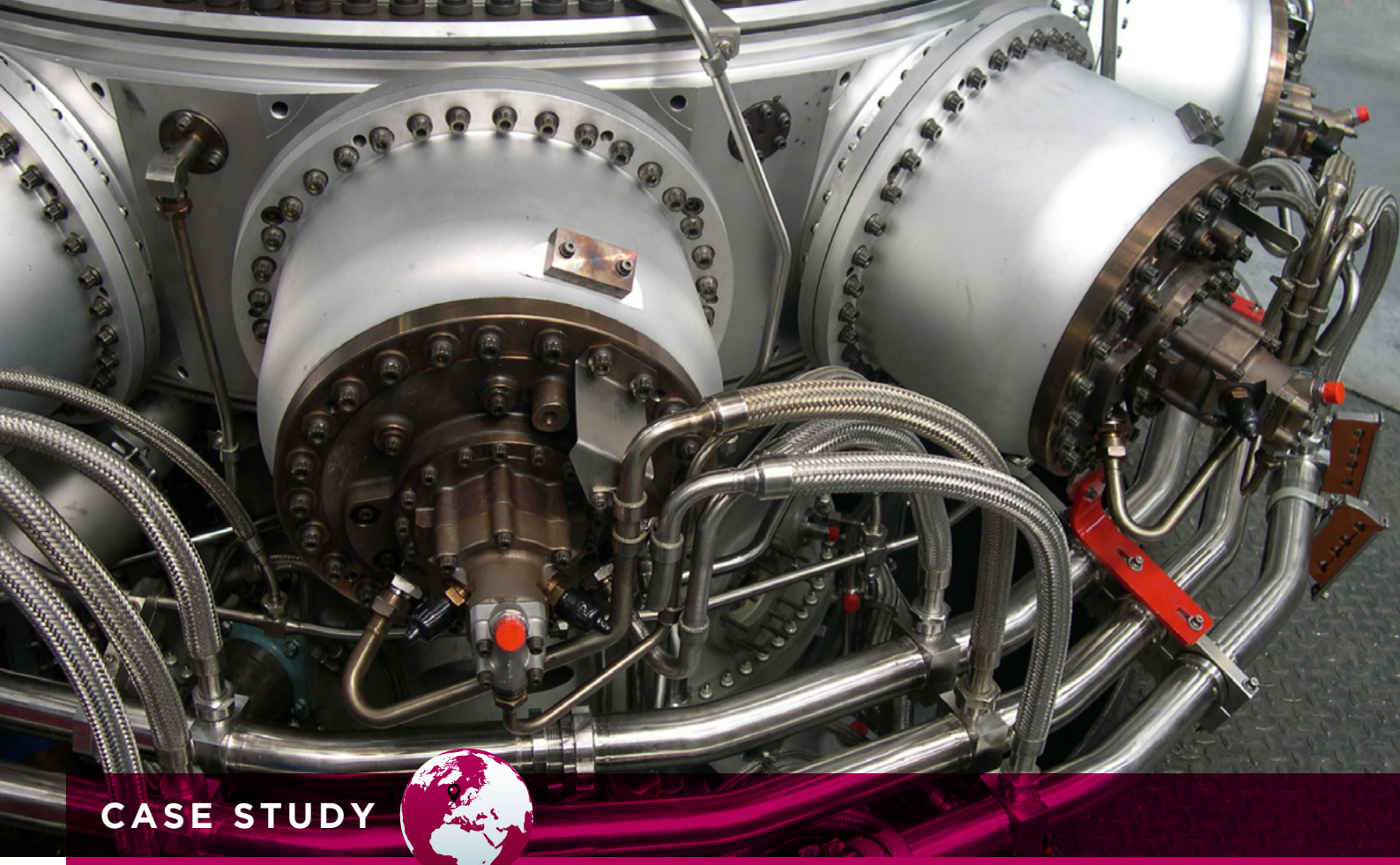

CASE STUDY

Safeguarding engine availability in the UK

CHALLENGE

A major energy company called on our expertise to support an industrial RB211 DLE gas generator in operation at a combined heat and power plant in the UK. This advanced technology engine is an essential source of generating capacity for the UK power grid, and is relied on for continued availability.

The gas generator displayed irregular combustion pressure characteristics, which led to the engine control system's automatic failure protection being applied.

We have been delivering OEM-approved maintenance, repair and overhaul solutions for industrial gas generators for more than 26 years, and have full capability for the RB211 DLE variant. Our depth of experience and product knowledge enabled us to deliver the right solution for the operator, safeguarding the performance and availability of its engine.

OUR SOLUTION

We delivered a full repair solution, from engine removal to re-commissioning, at short notice and within a very narrow business critical timeframe. And the operator avoided the cost and disruption of installing a lease engine.

We worked closely with the customer to identify the root cause of the gas generator issues they had experienced. We have overhauled more than 130 RB211 DLE engines to date, enabling us to bring a wealth of knowledge and engineering data to this project. During performance testing we successfully re-established the critical settings for the combustion system, providing optimal engine performance and minimal service interruption for the operator. The gas generator was then re-commissioned and fully reinstated into the power plant's generating capacity.

CUSTOMER BENEFITS

- Full repair solution delivered at short notice
- Enhanced equipment performance and availability
- Elimination of cost associated with installing a lease engine
- Minimal disruption to power grid capacity
- Access to our OEM-approved, state of the art maintenance and component repair facilities
- The expertise of our teams of highly-skilled gas generator specialists

Get in touch with us at www.rwgroup.com to discuss how we can support your gas generator maintenance requirements.

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