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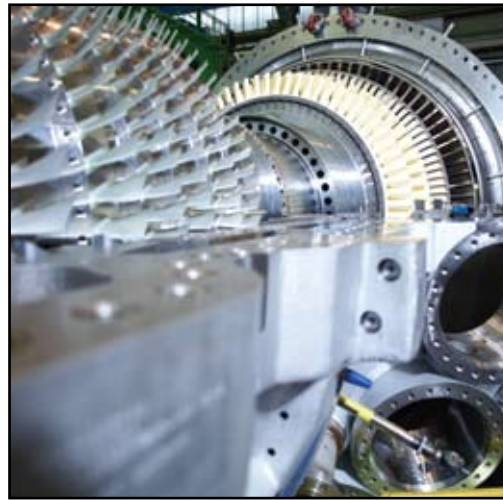
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On the Cover SGT6-5000F gas turbine: two units will provide flexible reliable generation at the 735 MW Keys Energy Center.

3 Project development and industry news

Lordstown Energy Center opts for H-class Flex-Plant, Centrax sells component manufacturing business, Ansaldo Energia Switzerland secures first orders following GE divestment, MAN MGT series GTs consolidate market position.

12 LM6000-PF+ offers greater power

The LM6000-PF+ is the most powerful gas turbine in the LM6000 series and will have applications in both the power generation as well as oil and gas industries.

16 Hydrogen-cooling in 900 MVA generator

Mitsubishi Electric has developed a 900 MVA generator, adopting hydrogen as an indirect coolant for the first time in a generator of this size.

20 Solving steam turbine vibrations

New Enhanced Steam Path (ESP) options for D11 steam turbines boost performance and reliability at the RISEC combined cycle power station.

24 Reliability and flexibility are the Keys

The recent order for SGT6-5000F gas turbines for the Keys Energy Center shows that mature turbines, which have been upgraded over the years, are still well suited to many markets.

28 Iraq picks 9F.03 for low lifecycle cost

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32 Oil-free bearings at Jänschwalde

The trial run of the first steam turbine equipped with oil-free magnetic bearings has been successfully completed at the Jänschwalde power plant.



A plus for the LM6000-PF

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Mature but flexible

Steady evolution means SGT6-5000F still fits the bill at Keys Energy Center, page 24



Oil-free bearings

Magnetic bearings used in steam turbines; could gas turbines be next? page 32

