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On the Cover Centrifugal and axial compressors can incorporate comprehensive and integrated software packages to improve operation and efficiency.

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12 Bright prospects for micro-turbines

Testing of a new micro-turbine is under way at City University London. The new turbine will be an integral part of a solar dish power system to be demonstrated just outside Rome, Italy, next year.

18 Advancing compressor control systems

With fluctuating oil prices, oil and gas executives are looking to invest in technology to increase efficiencies. Technological advances are creating opportunities to increase gas turbine-driven compressor operational efficiency and drive predictive maintenance schedules.

23 Keeping mature units competitive

EthosEnergy has been innovative in attempts to increase the life and the life cycle value of its TG20 and TG50 gas turbines through further technology development, including improved cooling technologies and new materials.

28 Showcasing the benefits of gas engines

A combined cycle project based on multiple internal combustion gas engines is being built near Monterrey, Mexico. The installation offers an interesting solution for a project that essentially straddles three countries.

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The era of the industrial internet brings opportunities for improved compressor control systems, page 18

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