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**On the Cover.** MHPS 501J gas turbine rated at 475MW and 61.5% efficiency packaged as a combined cycle plant.

**2 Project development and industry news**

Panda 820MW 8000H project, 501GAC replacements for retired coal units, 9HA with Toshiba steam turbine, \$1.2 billion 1500MW KA24-2 station, 450MW Bangladesh SGT5-4000F project, Grand River M501J plant

**14 Off-grid plants easier to finance and build**

Small distributed power generation plants have lower capital requirements, can be built and operational much faster with less risk than large plants

**18 Gas pipeline sets retrofitted to reduce CO**

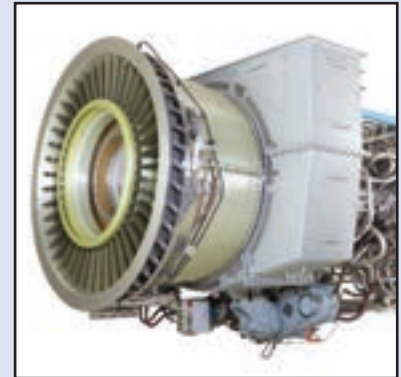
Key gas compression station in Germany has been retrofitted to reduce CO emissions of FT8 gas turbine compressor sets to 8 mg/m<sup>3</sup> at 75% load

**22 Straw feedstock to fuel 5MW recip plants**

CHP facility designed around two 5MW multi-unit recip plants will operate on syngas produced by the gasification of straw pellets and wood chips.

**28 New OEM for global power plant projects**

Joint venture company formed by Mitsubishi and Hitachi merges their thermal power generation businesses and expands their gas turbine operations.



**Overly efficient**

Highly efficient gas turbines are usually not good candidates for combined cycle application but the LM6000 may prove otherwise, *page 14*



**New directive**

Compressor station has added CO catalyst to comply with new federal directives on gas turbine CO exhaust emissions at 75-100% load, *page 18*



**Straw-to-power**

Gas engines modified to burn syngas will power combined heat and power plant operating at around 70-75% CHP efficiency, *page 22*

