
MTU Aero Engines has stake in GE's new LM6000 aeroderivative gas turbine

- **Revenue potential: about 1.2 billion euros**

Munich, June 26, 2008 – More power and less emissions: General Electric (GE) has updated its LM6000 gas turbine and unveiled two derivative models – the LM6000-PG with single annular combustor and the LM6000-PH with a dry low emissions combustor. MTU Aero Engines, Germany's leading engine manufacturer, is a risk-and-revenue sharing partner of GE with 13 percent share of the LM6000 program and the new derivative models. "Including spare part sales, that adds up to sales of 1.2 billion euros through the life of the contract," explains Dr. Anton Binder, senior vice president, commercial programs at MTU.

The -PG & -PH versions of the LM6000 gas turbine will offer a 25 percent simple cycle power increase (up to 55 megawatts) and an 18 percent boost in exhaust energy for cogeneration applications over preceding models. Significant improvements in efficiency—between 52 percent and 55 percent—will reduce fuel burn and emissions. The over 735-unit installed base of LM6000 gas turbines has accumulated a total of 16 million operating hours worldwide, with over 99 percent reliability. Due to their improved efficiency, the new models will save the equivalent of 33,000 barrels of oil a year, and in turn reduce annual carbon dioxide emissions by 6,500 tons, approximately the collective annual emission of 2,500 cars.

Such optimization has been achieved through improvements in the materials used and technological innovations previously demonstrated on GE's CF6-80E and GE90 aircraft engines and LMS100® gas turbines. The LM6000-PG will be available in the first half of 2010, the -PH version a year later.

MTU Aero Engines is an established player in the engine industry, with technological leadership positions in high-pressure compressors, low-pressure turbines, engine control units, as well as manufacturing and repair techniques. The company employs 7,100 people globally and in fiscal 2007 reported consolidated revenues of very nearly 2.6 billion euros. Its MTU Maintenance segment is the world's largest independent provider of commercial engine services worldwide and also provides maintenance services for industrial gas turbines. In the military arena, MTU is Germany's industrial lead company for practically all aircraft engines flown by the country's armed forces. Its center of excellence focusing on gas turbines is MTU Maintenance Berlin-Brandenburg based at Germany's Ludwigsfelde.



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