

Maintenance & Repair Solutions Aeroderivative Gas Turbines

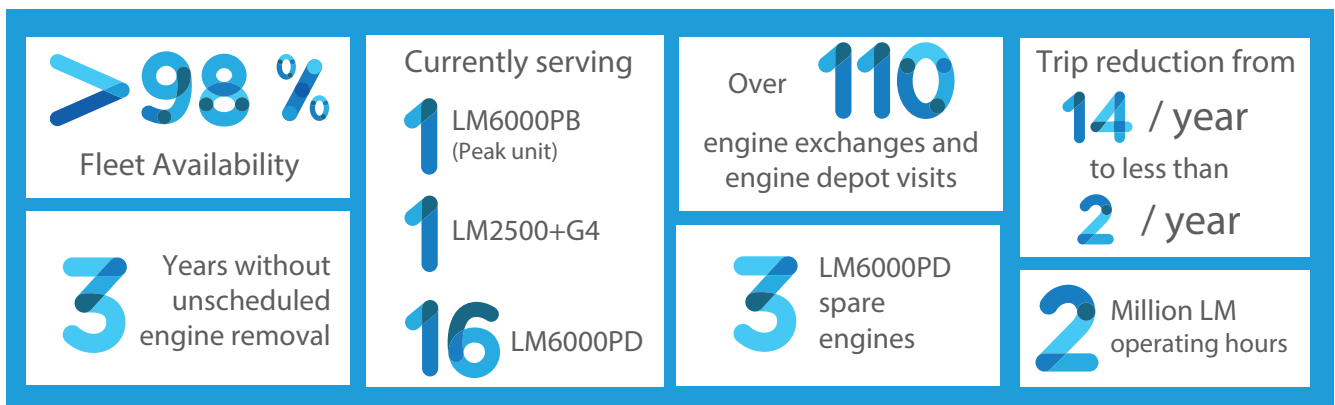


Your key concerns

In the current & future heat and power generation market, Aeroderivative Gas Turbines play a key role. These small units are often isolated, without easy access to competences & strongly dependent from OEM. Keeping units competitive and reliable now entails the difficult task of balancing appropriate costs against risks/opportunities throughout the decision-making process.

Our solutions

- As part of Engie, EMS has built up extensive know-how over many decades in operation & maintenance solutions of aeroderivative engines.
- EMS can provide a wide range of services from expertise & consulting to complete field services solutions including lease engine.
- This enable your plant to improve reliability & to find alternative solutions to the OEM.



Aeroderivative Gas Turbines

Our added-value

Our expertise & consulting

The EMS AERO department's activities

- Follow up of engines in depot for planned and unplanned events
- Maintenance contract negotiation and management
- Improvements in terms of safety, performance, reliability
- Fleet optimization
- Maintenance strategy definition
- REX to operations & new projects
- Cost optimization
- Troubleshooting

Our maintenance services

Gas turbine Controls Services

- Advise on I&C / C&I issues
- RCA and assistance with operational issue's
- Assistance with Performance testing
- Mapping of the combustion system
- Commissioning of aero derivative GT
- Controls upgrades
- HMI modifications
- Maintain & optimize engine control systems
- Specific instrumentation knowledge and measurement techniques
- Development / implementation of controls software modifications
- Training of the operation teams

Mechanical Field Services

- Planned and unplanned maintenance
- Engine exchanges, alignment
- Spare parts & tooling management
- Flow test pre-mixers
- Fleet wise management of package tooling
- Leak test on engine fuel system

Our own inspections, methods and procedures

- In house developed mobile pre-mixer flow test equipment
- In house developed mobile leak test for on engine gas fuel system
- In house developed mobile on engine instrumentation check
- In house developed mobile staging valve test stand



The TEAM

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Piet Roovers
Technology Manager

Marc Forget
Senior Expert

6 Mechanicals
Engineers

3 Controls
Engineers



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