Today’s highly competitive electric power industry requirements necessitate the optimization of every aspect of power generation. Together with increased efficiency, a key requirement is a reduction of maintenance costs of power plants.

Utilizing our fleet experience on installed parts, the continuous improvement of our repair processes and the constant reassessment of component design, Ansaldo Energia continually seeks innovative ways to maximize gas turbine component lifetimes.

GT26 XL is an extension of the inspection intervals up to 32,000 EOH for GT26 Rating 2006 and earlier.

How You Benefit

GT26 XL achieves longer intervals between inspections by ensuring that the turbine components installed during a regular combustion inspection incorporate all the latest improvements.

**CUSTOMER BENEFITS**
- Extension of the interval of a C-cycle to 32,000 EOH
- Increased availability
- Reduced maintenance costs

**TECHNICAL FEATURES**
- HGP parts with latest improvements
- New base materials
- New coatings
- Improved cooling schemes
Technical Specifications

The field experience Ansaldo Energia has accumulated over the years has allowed us to consistently improve our HGP components and resulted in the extension of the inspection intervals to 32,000 EOH with safe and reliable operation of the engines. The interval extension maximizes the lifetime of the components, increases availability and reduces the maintenance cost, while improving the competitiveness of the installed fleet.

Over the years, the components which have been substantially improved are the: High Pressure Vane and Blade, Low Pressure Vane 1, Blade 1, Stator Heat Shield A, Vane 2, Blade 2 and Vane 3.

Modifications to these components address the technical limitations that prevented the interval extension, and range from a changed base material, improved/extended coatings, adaptations of the internal cooling schemes or a combination of these.