



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



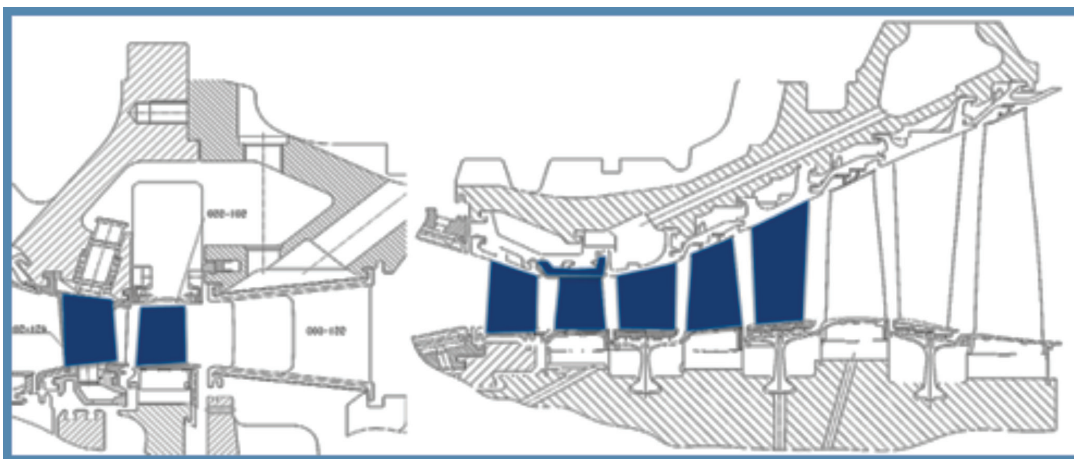


## Technical Specifications

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.



*Shows components improved as part of the GT26 XL interval extension solution*

*For more information and to reach our sales Team, please go to [www.ansaldoenergia.com](http://www.ansaldoenergia.com)*

*Ansaldo Energia, all rights reserved. Trademarks mentioned in this document are the property of Ansaldo Energia, its affiliates, or their respective owners in the scope of registration. The information contained in this document is merely indicative. No representation or warranty is provided, nor should be relied on, that such information is complete or correct or will apply to any particular project. This will depend on the technical and commercial circumstances. Said information is provided without liability and is subject to change without notice. Reproduction, use or disclosure to third parties, without express written authority, is strictly prohibited.*