



TURBINE CONDITION ASSESSMENT

The turbine condition assessment accurately assess the health of the main turbine components, within a reduced outage, to optimize your maintenance and keep your assets up and running. An assessment typically consists of a visual inspection, measurements and testing.



TRUSTED EXPERIENCE AND EXPERTISE

The inspection and tests are performed by field engineers and technicians with specific experience in turbine assessments, repair and design.

KEY BENEFITS

- Reduce insurance cost
- Reduce outage time and associated cost
- Identify & solve small issues before they become big problems
- Get a base-line condition and trend it over time to predict failure
- Enhance performance, durability, efficiency, availability and safety
- In case of failure, identify & repair efficiently to minimize outage time
- Increase production by improving unit's availability, when it matters the most

SUCCEED WITH GE VERNOVA

- Access GE Vernova's resources from multiple industries
- Benefit from designer's local and global expertise
- Combine inspections on many power plant systems in parallel
- Access the latest inspection & repair technologies to implement the best solutions

Ready for **emergency**

Packages adapts to assist you in case of failure

All OEMs

All hydro turbine types
0.5 to 800 MW

Standard packages or **customized** to your specific needs

Flash intervention minimizing outage and suiting your schedule

STANDARD PACKAGES

Basic	Premium	Inspected Areas
Inspection to identify:	Basic inspection +:	- Water passages
		- Runner & distributor
- Cracking	- Machine rotation	- Shafts & couplings
- Cavitation & erosion	- Specialized NDT	- Servomotors & controls
- Corrosion	- Detailed cavitation & erosion mapping	- Operating mechanism
- Wear & leaks	- Specific problem investigation	- Main inlet valve & gates
- Looseness	- Spare parts inspection	- HPU & accessories
- Potential improvements		- Bearings & seals
Dewatered	Dewatered Platform installed	* Assessment durations are indicative only and depend on unit size, design , customized requirements and options
3 days*	5 days*	

