



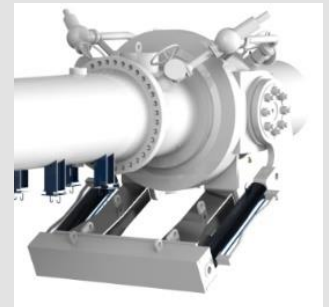
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The turbine condition assessment accurately assess the health of the main turbine components, within a reduced outage, to optimize your maintenance and keep your assets up and running. An assessment typically consists of a visual inspection, measurements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

TURBINE CONDITION ASSESSMENT



| | |
|--|---|
| 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 |

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



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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**

TURBINE CONDITION ASSESSMENT

CONTACT US

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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* | |