



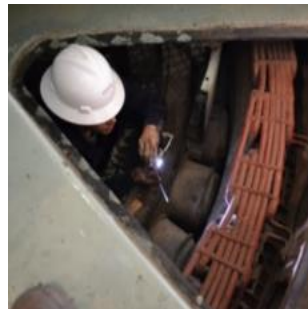
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The Generator condition assessment accurately assess the health of the main generator components, within a reduced outage, to optimize your maintenance and keep your assets up and running. An assessment typically consists of a visual inspection and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

GENERATOR CONDITION ASSESSMENT



<p>Ready for emergency Packages adapts to assist you in case of failure</p>	<p>All OEMs All hydro generator types 0.5 to 800 MW</p>
<p>Standard packages or customized to your specific needs</p>	<p>Flash intervention minimizing outage and suiting your schedule</p>

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

GENERATOR CONDITION ASSESSMENT

CONTACT US

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STANDARD PACKAGES

Basic

Premium

Inspected Areas

TESTING

- Insulation resistance & PI
- Dc-ramp test
- Dc resistance test
- Wedge tap test
- Optional:
- Power factor and tip-up

- Insulation resistance & PI
- Dc-ramp test
- Power factor and tip-up
- Dc resistance test
- Wedge tightness test
- RTD tests
- Optional:
- Lights-out test
- Corona probe test

Stator winding

- Knife test

- Elcid test
- Optional:
- Core loop test
- Stator roundness

Stator core

- Insulation resistance
- Dc resistance test
- High Potential test

- Insulation resistance
- Dc resistance test
- High Potential test
- Pole drop test
- Optional:
- Rotor concentricity

Rotor winding (including collector)

- Insulation resistance
- Oil sample analysis

- Insulation resistance
- Oil sample analysis

Bearings

Some covers off, rotor in

All covers off, rotor out

3 days*

5 days*

*Assessment durations are indicative only and depend on unit size, design, customized requirements and options

Visual inspection: Stator frame, core, winding, rotor, exciter, bearings