

Generator Services

Product Sheet

Generator Services

EthosEnergy is recognized for providing generator services for both domestic and international markets. Our team is highly qualified and experienced in generator repairs, offering a wide range of services and inspections in conventional power, hydro-generation and industrial plants.

Test and Inspection Services:

- Full Visual Inspection
- Boroscopic Inspections
- Megger & PI Testing
- AC Impedance Testing
- Pole Balance Drop
- RSO Testing
- Digital ELCID
- Core Loop / Core Ring Testing
- AC & DC Hi Potential Test
- DC Leakage
- Wedge Tightness Surveys & Mapping
- Resistance Testing of RTDs
- Endwinding Bump Testing & Analysis
- Offline Partial Discharge & Tan Delta Testing
- Robotic Inspection Services



Our Customer Benefits

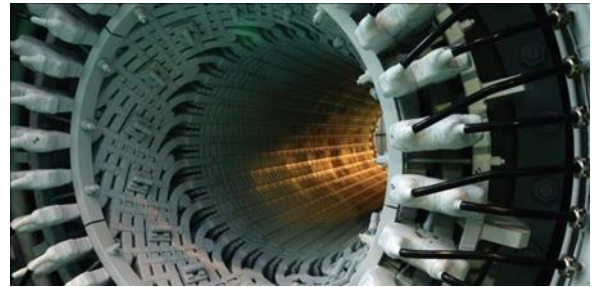
- Increased rated power up to 20%
- Operation in variable loading conditions
- Increased generator reliability and life
- Extended inspection intervals
- Optimization of generator vibration and noise

Rotor Repair Capabilities

- ISO Certified Shop
- Retaining Ring Inspections / Change Outs
- Retaining Ring Machining
- TIL 1292 – Inspections
- Turnkey Rewinds
- Upgraded Blocking and Insulation options
- Non Destructive Evaluation
- Turnkey Collector Ring Services
- High Speed Balancing
- Turnkey Transportation

Stator Repair Capabilities

- Conventional and Liquid-Cooled Rewinds
- New Stator Bars, Including Liquid-Cooled and Indirect Hydrogen Cooled
- Factory Based Engineering
- Project Management and Technical Direction
- Bar Insulation Repair
- Core Restacking
- Repair of Core Iron
- End Winding Redesign and Installation
- Re-Wedging
- Tagging Compounds for Core Monitoring
- Installation of Flux Probes, Bus and Slot Couplers
- Installation of Endwinding Vibration Monitor Systems



EthosEnergy is a leading independent service provider of rotating equipment services and solutions to the power, oil & gas and industrial markets. Globally, these services include facility operations & maintenance; design, manufacture and application of engineered components, upgrades and re-rates; repair, overhaul and optimization of gas and steam turbines, generators, pumps, compressors and transformers; delivery of gas turbines and generators, and supply of overhauled and warranted equipment on a FAST TRACK basis.