

FAST STATOR REWIND

One technology, one process, for any indirectly cooled generators

Applications and benefits

Thousands of indirectly cooled generators installed in the late nineties play a vital role in power production, but they are aging and there is a need to extend lifetime and cut operational and lifecycle costs.

Our solution: fast stator rewind.

It's one technology and one process for any type of conventionally cooled generator, so every customer can benefit from a rapid response, short downtime, cost efficiency, high quality and reliability.

With a presence in 150+ countries, we can deliver reliably and effectively all over the world.

Fast stator rewind is a standardized approach based on GE Vernova's deep, diverse generator heritage and technology know-how.

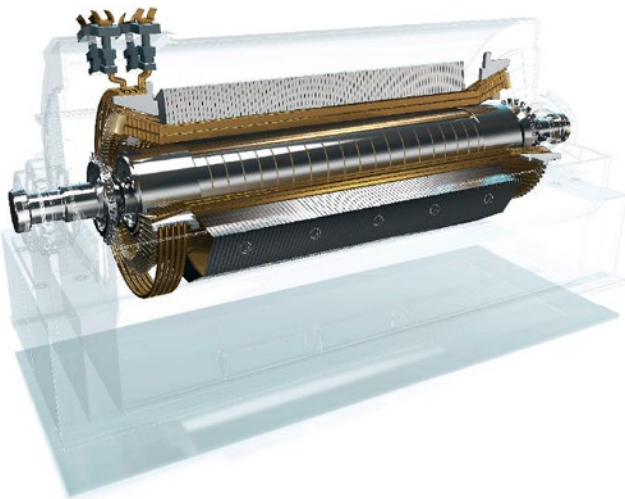


Figure 1: Fast stator rewind

To learn more about this offering, contact your GE Vernova representative or visit governova.com/gas-power

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FSR is a package of four modules: Measurement*, Design Engineering, Bar Manufacturing and On-site Rewind.

GE Vernova's proprietary processes and tools have been developed for rapid, quick and flexible execution across the value chain, with a firm eye on quality control at every stage.

* applicable on cross-fleet generators

The GE Vernova advantage

- Proven and reliable technologies and processes, applied on both OEM and cross-fleet
- Regional capabilities supported by global expertise
- On-site stator rewind integrated in a major turbine outage
- Cross-fleet harmonization for rapid response

Key Features

- Stator bars with thermal Class F insulation rated up to 24kV voltages
- Stator bars manufactured with MICAREX® technology since 2002
- Stator Slot Wedging technologies used and proven over decades across the 25–1300MW range of generators
- Digital applications ensuring integrated processes from measurement at site to field service execution.
- References across GE Vernova's TOPACK and TOPAIR series, as well as cross-fleet series originally from other electrical manufacturers

References in North America, Latin America, Europe, Middle East, Asia and India.