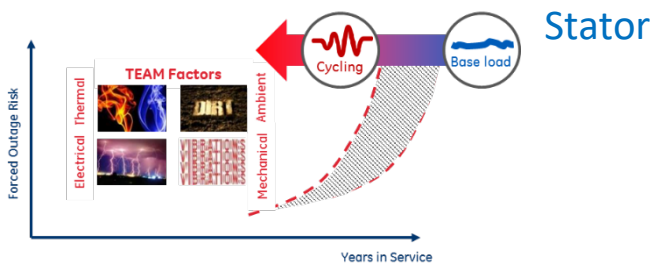


Generator Stator Flex Pack

Impact of cyclic duty

GE experience with units operating in cyclic duty versus baseload:

- Additional winding stresses
- Increased forced outage risk
- Increased probability of rewind earlier in unit life

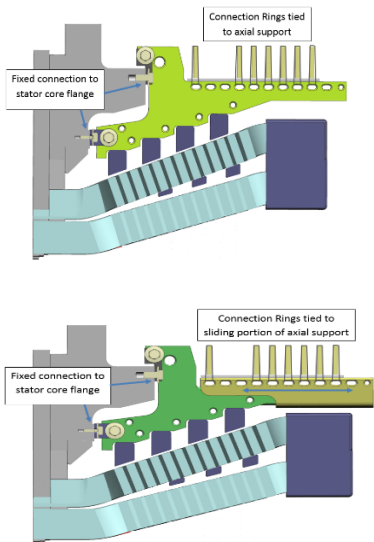


Upgrade offering

With the shift toward more cyclic operation in the fleet, GE undertook an enhancement program to provide customers with a solution to reduce risk of forced outage, lower O&M costs and avoid premature rewinds.

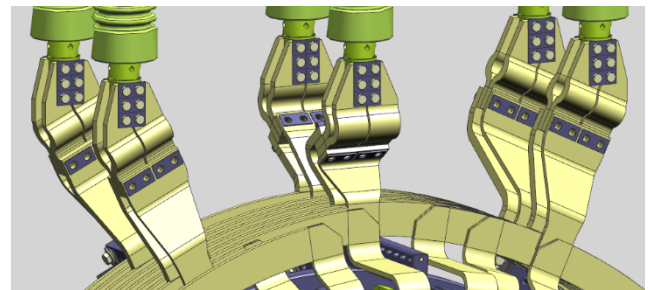
Features

- Fixed axial supports replaced with two piece sliding supports to allow for uniform growth of the endwinding support system.



Features (cont.)

- For gas turbine driven 7FH2 and 324 generators, the addition of flexible lead connections between connections rings and high voltage bushings. This allows axial movement of the connection rings without putting stress on the high voltage bushings. (Steam turbine driven 7FH2 and 324 generators have flexible leads as shipped)



Benefits

Low cost solution that can be implemented during rotor out major inspection or stator rewind.

Modifications extend winding life for units operating in cyclic duty to be more in line with baseload operating units winding life.

Reduced maintenance costs due to fewer endwinding and connection ring repairs during inspections.

Enabler for extending inspection intervals

Application

This upgrade is offered for all 324 and 7FH2 model generators.

To learn more about this product, contact your GE Gas Power sales representative or visit www.ge.com/gas-power