GENERATOR STATOR END WINDING ASSEMBLIES

Mike Bresney



END WINDINGS 101

- Minimize stresses
 - -Perform as a system / one unit
 - -Allow for diff. thermal expansion
 - -Resonant frequencies +10% / -5% from operating frequencies
 - -Response amplitudes relatively low.
- Can take a hit



"CAN TAKE A HIT"

ANSI C50.13 paragraph 4.2.4.1

- Suffer minimal damage after experiencing short circuit forces.
 - -Suitable for service with minor repairs.
 - •No bar / coil replacement

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END WINDINGS Food for Thought

- Minimize stresses
 - -Perform as a system / one unit
 - -Allow for diff. thermal expansion
 - -Resonant frequencies +10% / -5% from operating frequencies
 - -Response amplitudes relatively low.
- Can take a hit (ANSI C50.13)
- Quality materials & workmanship



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