



INTERNATIONAL
GENERATOR
TECHNICAL COMMUNITY

IGTC forum website:
www.generatorstechnicalforum.org

c o n t r i b u t i o n b y p a r t i p a r t i c i p a t i o n

IGTC Site

- Members Only site includes:
 - IGTC Generator Forum with 13 forum categories
 - Technical discussions only!
 - Round Table discussions on broader topics
 - IGTC Resource Center (wiki format)
 - IGTC Technical Library
 - Power Industry Monitor
 - Generator Services Directory
 - Founded by NEC as a community service to encourage a more focused discussion of technical issues specific to electric generators



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Current Discussion Categories

- Generator Visual Inspections
- Stator Electrical Testing
- Vibration Monitoring
- Rotor Electrical Testing
- Inner-Water Cooled Stator Windings
- Inner-Hydrogen Cooled Stator Windings
- Large Air-Cooled Generators
- Rotor Windings
- Rotor Mechanical Components
- Stator Core, Clamping Systems & Frame
- Stator Endwinding Vibration and Resonance
- Hydrogenerators
- Exciters

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contribution by participation

IGTC Forum - Latest Posts

[\[Other Issues \] H2-CO2 purge](#)
Tuesday, May 17, 2011, 5:59:30 AM →
Hi, Thank you for your answers. Kind regards,

[\[Other Issues \] HV Bushing Maintenance Strategy](#)
Monday, May 16, 2011, 9:42:41 AM →
I have been asked to see if there is a company that rebuilds GSU transformer bushings. These are Typ-T, 13...

[\[Stator Dusting, Greasing, Wedging & Bracing, Foreign Debris & Contamination \] Sharing of resources](#)
Wednesday, May 04, 2011, 7:32:54 AM →
Not sure which post you took this link from. Please advise and I will fix it. Meanwhile, try this link:...

[\[Other Issues \] Brushless to Static Exciter Upgrade](#)
Monday, May 02, 2011, 10:18:03 AM →
Josh, I suggest to include NERC required excitation models and testing in the spec. Please talk to your NERC reliability standards...

[\[Other Issues \] Fire Protection Question](#)
Monday, May 02, 2011, 7:23:54 AM →
Explanations I have heard include: "If the stator is on fire at 3600 RPM, CO2 will be of little..."

[\[Other Issues \] Shaft Grounding Brush](#)
Monday, May 02, 2011, 7:02:49 AM →
On our 40MW gas turbines, we have a single copper brush and holder on the drive end shaft. Seems to...

[\[Other Issues \] acceptance for stator winding resistance](#)
Sunday, May 01, 2011, 6:01:37 PM →

Start | (8 unread) Y... | IGTC Forum... | MEMSTICK (H:) | IGTC | Microsoft Po... | 3:07 PM



Threads & Postings

- High rate of member participation (30%)
 - Examples from one count at the end of 2010:
 - 82 members asked questions by starting 146 different new threads
 - 164 members made 904 posts on the 146 threads in response to the initial question and other topics that came up in the subsequent discussions.
- Technical conversations carried on “across borders” are typical



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Membership

Over 670 members and growing daily

- Generator owners at Public and Investor-Owned Utilities, IPPs & Non-Utility generating sites
- Independent generator consultants
- Test-inspect, evaluate companies
- Power plant O&M contractors
- IGTC-sponsoring generator service companies
- Insurers of generator equipment
- Engineering design or EPC (design-build) companies
- Full-time academics specializing in generator design

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53 countries Represented

Argentina, Australia, Barbados, Belgium, Brazil, Bhutan, Canada, Chile, China, Colombia, Denmark, Ecuador, El Salvador, Fiji, France, Germany, Greece, Grenada, India, Indonesia, Iran, Ireland, Israel, Italy, Jamaica, Korea, Macedonia, Malaysia, Netherlands, Norway, New Zealand, Pakistan, Peru, Poland, Portugal, Romania, Saudi Arabia, Spain, Singapore, Slovenia, South Africa, Sweden, Switzerland, Trinidad, Taiwan, Thailand, Tunisia, UAE, UK, Uruguay, USA, Zaire, Zambia

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IGTC Resource Center

- Wiki format makes it easy for members to share info and link content and pages
- Fully searchable by any word on page or in attachment – no tags or keywords required
- Basic requirement for inclusion: *Must be generator-focused or have significant generator-relevant content or component*
- **Content**
 - Entries organized by calendar month/year:
 - Events
 - News
 - Entries organized by function or topic
 - IGTC Technical Library
 - Generator Services Directory



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Thank you for your time and interest!

For more information about membership,
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