

CIGRE A3- High Voltage Equipment

- **A3.24 – Tools for Simulating Internal Arc and Current Withstand Testing**, chair- M. Kriegel, CH, TOR available upon request
- US members:
 - Nenad Uzelac, G&W
 - Mietek Glinkowski, ABB Inc.
- Last meeting March 2010, Brisbane, AU, started the Technical Brochure and almost finalized collection of test and simulation cases

A3.25

- **A3.25 - Metal Oxide varistors and surge arresters for emerging system conditions**, chair- B. Richter, CH, TOR available upon request
- US members:
 - none so far, sent message to SPD Chair frank.waterer@us.schneider-electric.com
 - Corresponding members:
 - Jon Woodworth - Arresterworks
 - Mike Pouber - Hubbell

A3.26

- **A3.26 – Influence of shunt capacitor banks on circuit breaker fault interruption duties, Chair: Anne Bosma, SE, TOR available upon request**
- US members:
 - Roy Alexander, PPL
 - Luke Collette, Mitsubishi
- Corresponding members:
 - Mark McVey, Dominion
 - Jeff Nelson, TVA
 - Nicolas Toquet, Areva
- Next meeting- May 3-6, Richmond, Virginia.
(Dominion)

A3.27

- **A3.27 – The impact of the application of vacuum switchgear at transmission voltages, chair: Rene Smeets, NL, TOR available upon request**
- US members:
 - Kirk Smith, Eaton
 - Mietek Glinkowski, ABB Inc.
 - Pete Meyer, S&C
 - Dave Johnson, consultant (new)
- Corresponding member:
 - Ben Bufi, HVB
 - Ken Edwards, BPA
- Last meeting – March 17-20, Xi'an, China, large Technical Seminar of ~40 Utility and manufacturers, high interest, 72kV and 126 kV HV VCBs presented.

Proposal for new A3.2x

- A3.2x – **DETERIORATION OF AGEING SUBSTATION EQUIPMENT AND POSSIBLE MITIGATION TECHNIQUES**
- Proposed Convenor: Ankur MAHESHWARI
- **Scope:**
 - Material and equipment deterioration/degradation
 - Lifetime (residual life) assessment techniques
 - Life extension:
 - Life management for new equipment
- Unofficial **TOR** available upon request

Proposal for new A3.2x

- **A3.2x – IMPACT OF OVERSTRESSING OF SUBSTATION EQUIPMENT**
- Proposed Convenor: Antonio Carvalho
- Unofficial **TOR** available upon request.

Older WGs and US participation

- **A3.21 - Application of non-ceramic insulators to HV and MV apparatus**
 - Gorur, Ravi, USA, Arizona State University
 - Phillips, Andrew, cM, USA
- **A3.22 - Technical Requirements for Substation Equipment exceeding 800 kV**
 - Brunke, John H., cM, USA, Consultant
 - Keri, Albert, USA, AEP
 - Rashkes, Victor S., cM, USA, Consultant
 - Shperling, Ben, USA, New York Power Authority
 - Yeckley, Russ, cM, USA, Mitsubishi Electric
- **A3.23 - Application and feasibility of fault current limiters in power systems**
 - Folts, USA, AMSC
 - Lambert, USA, NEETRAC
 - Steurer, Michael, USA, CAPS
 - Sundaram, USA, EPRI
 - Weber, USA, SuperPower Inc.

Other news

- **New Working Groups from other Committees:**

1. WG number: A1.21 Name of Convener : Lars-Erik Kämpe (Sweden)

Title: Bearing segments with plastic lining - Operating and maintenance experience.

2. WG number: A1.22 Name of Convener: M. Berlamont (France)

Title: Guide – Consideration of duty on windings.

3. WG number: A1.23 Name of Convener: Márcio R Siniscalchi (Brazil)

Title: State of the art and capacity for robotic inspection of turbo-generators

4. WG number: A1.24 Name of Convener: Sameh Salem (United States)

Title: Literature survey on diagnostics trends for wind generators for reliability improvement.

5. WG number: A1.25 Name of Convener: Geir Aalvik (Norway)

Title: Survey on hydro generator cleaning

6. WG number: B5.39 Name of Convenor: Rodney Hughes (AU)

Title: Documentation requirements from design to operation to maintenance for Digital Substation Automation Systems

7. WG number: B5.41 Name of Convenor: Harrie Lenting (HL)

Title: Investigation of possibilities to improve metering systems for billing purposes in substations