

13.3 CIGRE liaison report JC Riboud

Study Committee A2 Transformers

Last SC committee meeting during Paris session in August 2004 have seen some organisational changes

The new chairman is Mr Pierre Boss (CH) and the new secretary is Mr Claude Rajotte (Ca)

The SC A2 has 4 advisory groups :

Transformer technology led by H Reijnders	h.f.reijnders@smit-trafo.nl
Transformer users led by C Rajotte	rajotte.claude@hydro.qc.ca
Tranversal cigre activity led by P Lorin	pierre.lorin@ch.abb.com
Strategic planning led by P Boss	pierre.boss@ch.abb.com

Advisory group shall assess the need for further work, suggest preferential subjects, and report to the sc .

Recent publication:

The WG A2 20 on economics of transformer management published a brochure under number 248. A summary of which can be read in Electra number 214 from June 2004. This will also be available on cdrom.

Ongoing Work:

- Liaison with D1 01 oil impregnated paper
D1 01 led by Lars Lundgaard lars.lundgaard@sintef.no deals with paper fluid impregnated systems. Liaisons have been created with TF 13 on oil maintenance : N Dominelli from BC Hydro and with TF 12 on furanes : L Cheim cheim@siemens.com
- JWG A2/ A3 B3/ 21 Electrical environment
Conclusion is that even if there is not enough statistical data to point out specific failure due to fast transient a case by case study have allowed to develop some mitigation guidance. Group under the leadership of M Glinkowski mietek.glinkowski@us.abb.com
- A2 23 Life time data management
Report will be finalised during early 2005 . this group is led by N Fantana nicolaie.fantana@de.abb.com
- A2 24 thermal performances:
This group is led by J Declercq jan.declercq@pauwels.com it is dealing with the fundamentals of ageing, experience with high temperature insulation, modeling of winding temperature and testing
- A2 25 bushing reliability
A survey has been sent a few failure have been reported by utilities and will be compiled.
- A2 26 Mechanical condition assessment
Led by P Picher patrick.picher@hydro.qc.ca. This group will deal with FRA practices and results interpretation.
- A2 27 recommendation for condition monitoring facilities
Led by P Jarman Paul.Jarman@ngtuk.com the goal is to standardise interface between transformer and monitoring sensors. This includes valves, dielectric windows and so on.

- JWG A2 B4 28 HVDC transformers
Leaded by M Saravolac milan.saravolac@areva-td.com task is to analyse current performances of HVDC transformers and make recommendation addressing those issues through design review.
- A2- 30 Moisture:
Viktor Sokolov sokolov@ztz-service.com.ua ha prepared a draft brochure which is currently under review by Jacques Aubin, Paul Griffin and John Lapworth JLapworth@doble.com
- A2- 29 reliability
This new task force leaded by K Ryen kryen@broadpark.no has for goal to set up a reliability survey.

Next colloquium

The next A2 committee colloquium will be in Moscow from June the 20th to June the 23rd .
It will have:

2 days for presentation
½ day for tutorials
½ day for WG meeting

The preferential subjects are:

PS1 : Transformer reliability on technical , economical and strategic aspect.
PS2 : Effect of transients on transformers performances

All invitation package is available on the cigre A2 committee web site. Attendance is not limited as previously.

Next Session Paris 2006

The preferential subjects are:

PS1 : Transformer reliability on technical , economical and strategic aspect.
PS2 : Phase shifter application and specification
PS3 : Effect of transients on transformers performances

For communication you should apply through your national committee.

You can find more on www.cigre-scA2.org