

Cigré Working Group A2.37 – Transformer Reliability Survey

Progress Report Juli 2009

Prepared by Stefan Tenbohlen, Convenor

The working group was initiated following discussions at the joint A2/D1 Colloquium in Bruges during October 2007 and was given formal approval in January 2008.

The group has 10 regular members and 15 corresponding members:

Name	Company	Country
Stefan Tenbohlen	Universität Stuttgart	Germany
Janine Jagers	Eskom	South Africa
Johannes Gebauer	Maschinenfabrik Reinhausen	Germany
Pascal Müller	EWZ	Switzerland
John Lapworth	Doble	UK
Shirasaka Yukiyasu	Japan AE Power Systems Corp.	Japan
Bhavin Desai	EPRI	US
Anne McIntosh	EA Technology	UK
Gilson Bastos	Furnas	Brazil
Li Bo	China Electric Power Research Institute	China
Corresponding Members:		
Takehisa Sakai	J Power(Japanese Utility)	Japan
Michael Krüger	Omicron	Austria
Sander Meijer	Tennet	The Netherlands
Arne Petersen	AP Consulting	Australia
Earl Hill	Loma Consulting	US
Juan Luis Thierry	GE Electric	US
Jorge Pleite	University Madrid Carlos III	Spain
Lorenzo Prieto	ABB	Spain
Mike Lamb	Dominion (utility)	US
Claude Rajotte	Hydro Quebec	Canada
William Bartley	Hartford Steam Boiler	US
Brendan Diggin	ESBI	Ireland
Antun Mikulecky	Koncar - Electr. Eng. Institute	Croatia
Jitka Fuhr	BKW	Switzerland
Piotr Manski	PSW Operator SA	Poland

Meetings

Meeting	Venue	Date
1	Paris, France	August 2008
2	Cape Town, South Africa	August 2009
Planned Meetings		
3	Stuttgart, Germany	May 2010
4	Paris, France	August 2010

Task Forces

TF1 - Review all existing national surveys and study different practices (data collection, compilation, etc.)

TF2 - Compile and present the information available in published and unpublished databases.

TF3 - Recommendations for a standardized acquisition of reliability data.

Current Status

Reliability data of national statistics are not detailed enough for extensive analysis. Therefore data collection is extended to utility data by means of a questionnaire.

Up to now we have national surveys from Canada, Germany, Brazil, Japan, UK, Switzerland.

The outline of the brochure is proposed. Responsible authors are defined.

Next Steps

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| • First draft of brochure | May 2009 |
| • Finalization of reliability questionnaire | October 2009 |
| • Interim Report for Electra | December 2009 |

Stefan Tenbohlen

17th August 2009