

Cigre SC B4 – HVDC and Power Electronics

Advisory Groups



Terms of Reference -

Document Reference:	AGB4.04/REV1.2_08 09 16
AG Number	AGB4.04
Name of Advisory Group:	HVDC System Performance
Objectives: AGB4.04 is responsible for <ol style="list-style-type: none">1. maintaining operation and performance data on HVDC systems throughout the world,2. maintaining “CIGRE Compendium of HVDC Schemes throughout the World”3. Preparing summary reports on HVDC performance.4. Conducting transformer failure survey and preparing failure summary report.	
Reporting To: Directly to SC B4 Chairman, Bjarne Andersen	
Convenor: Mr. Narinder Dhaliwal	
Responsibility: With the assistance of correspondents from each HVDC system, collect the operational data every year. Analyse the data and present it to the study committee every two years at the Cigre meetings. Update the Compendium as new HVDC system become operational.	
Description of work: The work is performed by two task forces. TASK FORCE 1: Annually conduct performance surveys of HVDC systems in operation throughout the world and prepare the report presented at the biennial CIGRE Paris SC B4 Technical Session. NAME OF CONVENOR: Murray Bennett TIME SCHEDULE: Created 1974 Continuing	

TASK FORCE 2: Update and maintain the “CIGRE Compendium of HVDC Schemes throughout the World”.

NAME OF CONVENOR: Andrew Williamson
TIME SCHEDULE: Created 1982
 Continuing

TASK FORCE 3: Conduct transformer failure survey every two years and prepare failure summary report

NAME OF COVNEOR: Narinder Dhaliwal
TIME SCHEDULE: Created 2007
 Continuing

Deliverables:

- Encourage all HVDC systems to report their experience regularly.
- Present the updated statistics every two years at the Cigre meeting in form of a paper.
- Assist the correspondents with the preparation of the reports.
- Continuously update the Compendium.
- Monitor the failure trends in HVDC systems and make recommendations for specific area to be investigated.
- Revise the protocol periodically.
- Prepare transformer failure summary report every two years.

Membership of Advisory Group:

- Convener: N. Dhaliwal (Canada)
- I. Vancers (U.S.)
 - A. Leirbukt (Norway), Secretary
 - M. Bennet (Canada)
 - A. Williamson (South Africa)
 - L. Crowe (Canada)
 - S. Santo (Brazil)
 - G. Tang (China)
 - B. Linden (Sweden)
 - T. Shaeffer (Germany)
 - Y. Fu (Netherlands)

Prepared by: Narinder Dhaliwal

Approved by: Bjarne Andersen

Date: 08 09 16

Date:

Notes: