

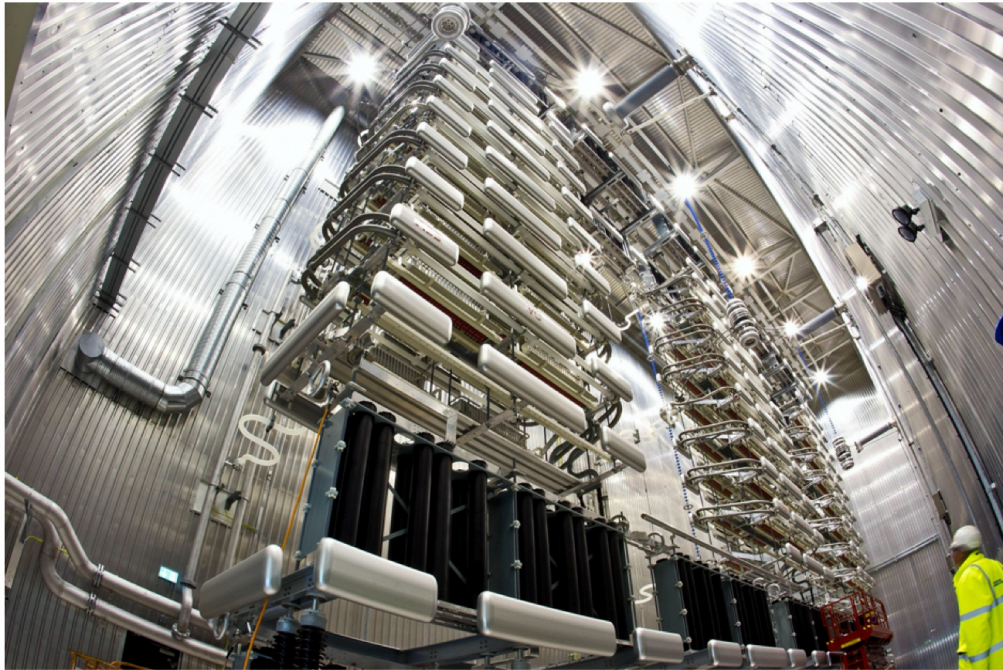


CIGRE UK B4 Liaison Meeting

DC Systems & Power Electronics

Monday 20th January 2020 | 11.30 - 17.00

WSP at The Mailbox - Birmingham



CIGRE UK members are actively engaged in support of Study Committee B4 (see Mission and Fields of Activity below) and its Working Groups. This UK liaison meeting, kindly hosted by WSP at its offices in Birmingham, is an opportunity to understand the progress that has been made in a selection of Working Groups and hear from two guest speakers, both immersed in this field. This is not only a technically rich event but also a great networking opportunity!

Please note that this is a CPD accredited event and certificates will be made available on request.

B4 Study Committee Mission

To facilitate and promote the progress of engineering and the international exchange of information and knowledge in the field of DC and power electronics. To add value to this information and knowledge by means of synthesising state-of-the-art practices and developing recommendations.

Technological Field of Activity

- Direct Current equipment and systems including converter technology and semiconductor devices.
- Power electronics for AC systems and power quality improvement, advanced power electronics and applications.

To register for this event

<https://www.eventbrite.co.uk/e/b4-liaison-meeting-2020-tickets-84911700181>

Agenda

11:30 – 13:00	Registration, Lunch and Networking
13:00 – 13:10.	Safety notice, CIGRE Compliance Guide, Introduction
13:10 – 13:40.	Guest Speaker – Norman MacLeod, WSP
13:40 - 15:00.	Working Group Update Session 1
15:00 – 15:20.	Refreshment Networking
15:25 – 15:45.	Guest Speaker – Chris Smith, National Grid
15:45 – 16:30.	Working Group Update Session 2
16:30.	Closing Remarks/Summary
17:00.	Close

Working Group Update Sessions

C2/B4.38 - Capabilities and requirements definition for Power Electronics based technology for secure and efficient system operation and control: Chris Smith

B4-64 - Impact of AC System Characteristics on the Performance of HVDC Schemes: Robin Preece

B4.68 - Revision of Technical Brochure 92 – DC Harmonics and Filtering: Nigel Shore

B4-71 - Application guide for the insulation coordination of Voltage Source Converter HVDC (VSC HVDC) stations: Amit Kumar

B4-72 - DC grid benchmark models for system studies: Jun Liang

B4-74 - Guide to Develop Real-Time Simulation Models (RTSM) for HVDC Operational Studies: Ziming Song

B4-75 - Feasibility Studies for assessment of lab losses measurement of VSC valves: Colin Davidson

TF B4-77 - AC Fault response options for VSC HVDC Converters: Carl Barker for John Gleadow

B4.81 - Interaction between nearby VSC-HVDC converters, FACTS devices, HV power electronic devices and conventional AC equipment: Omar Jasim

For speaker profiles go to: <https://cigre.org.uk/events/technical-liaison-meetings/>

This event is kindly hosted by WSP



Meeting Location

WSP
The Mailbox
Wharfside Street
Birmingham
B1 1RQ