



# Technical Council

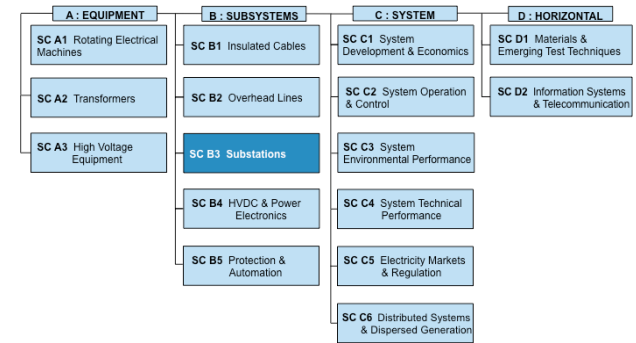
Terry Krieg, Chairman of SC B3 - Substations

11 November 2016

# CIGRE Technical Council

## Meetings:

- March 2016 – Berlin, Germany
- August 2016 (after Paris)
- November 2016 - Philadelphia, USA
- Membership:
  - Mark Waldron - TC Chairman (now Vice-President – Technical, term ends 2018)
  - All Study Committee Chairmen (16)
  - Yves Maugain - TC Secretary
  - Philippe Adam – Secretary General CIGRE
  - Admin Council delegates



# Paris 2016 Reviewed

- Preferential subjects “discussed” and “agreed”
- Paris 2016 review:
  - generally went well
  - Opening session good feedback
  - good attendances and feedback from attendees (93% of attendees indicated they will return)
  - Record number of papers
- Tutorials were first time in 2016 and very successful
  - B3 highest audience responses
  - Some logistical issues reported
- Women in engineering sessions important but need a future direction

# Paris 2016 - Statistics - Tutorials

Monday	Name of tutorial	Attendance
<b>Tutorial 1</b>	B2-Overall line design	310
<b>Tutorial 2</b>	B2-Conversion AC to DC	199
<b>Tutorial 3</b>	B4-HVDC transmission	298
<b>Tutorial 4</b>	C6-Planning of distribution systems with renewables	221
<b>Tutorial 5</b>	B3-AIS design for severe climate conditions	84
<b>Tutorial 6</b>	B3-Use of SF6, residual life aspects of GIS	72

- Tutorials are a way of presenting a Technical Brochure
- 2016 was the first time in Paris for Tutorials, free to delegates
- Some complaints that rooms were full
- Question for discussion: Should Tutorials be an additional cost for delegates or free?

# Paris 2018

- Opening panel possible – Climate change and electrification (TBC)
- Possible high profile key note speaker
- Dates:
  - Call for papers: Dec 2016 Electra
  - Synopsis Received at CO: 30 June 2017
  - Notice to authors: 16 October 2017
  - Full papers by 16 February 2018
- Current paper approval practices discussed (currently we accept abstracts first, then papers)
- Possible that we eliminate Abstract stage and ask for full papers to reduce time scale

# CIGRE Strategic Discussion – key points

- Link with new Strategic Plan – Power System of the Future:
  - Making best use of existing assets, new technology
  - Incorporating integration into system
  - Stakeholder engagement
- We need to avoid a “everything for everybody” approach in planning our work
- Some possible gaps in CIGRE work: battery storage, other areas?
- Organisation structure may be limiting – should we consider disruption? – possible structure change to be considered
- We need more collaboration, better engagement, not T&D
- We are good at documenting what we do now rather than future needs
- Do we understand the needs of industry? (e.g. CIRED members)
- Planning will continue with the Admin Council
- TC to possibly establish a smaller Strategic Advisory Group

# Future Events

- Future symposium:
- Dublin 29 May – 2 June 2017
  - 150 papers received (84 to be accepted)
  - Tutorials
  - Visit to grid control centre
- Aalborg, Denmark 3-7 June 2019,
- China or India (possible) – B3 meets in China
- April 2019 IEC-CIGRE UHV Conference, Hakodate, Japan – includes B3
- 2021 (100 years of CIGRE) Romania, UK, Spain, Japan, Slovenia?
- Next TC meeting: 28-29 March 2017, Netherlands

# Comments on WG Membership

- In SCB3 - average number of new WG's is 3-4 per year
- Working Group support is vital for CIGRE work
- Preference is for ANC to support WG CONVENORS and ACTIVE members
  - greatest contributions to the work of CIGRE
  - currently CONVENORS in B3 – Bill Carman (WG B3.35) and Perry Tonking (WG B3.43)
- Generally not all WG members are active participants (including Australian) – comment refers to not just SC B3
- Suggest ANC consider WG member reporting system to ensure participation is active, not passive!
- Preference is less members supported but with emphasis on ensuring active participation
- Need to ensure we are placing the right members!!



# Final Comments from Terry Krieg

- SC B3 successful year in 2016 overall
- Good engagement with NGN, assisting in SC work
  - For example document reviews assisting Chairman
- My term as Chairman ends at the 2018 Paris session
  - Currently considering replacement nominations
- From SC Chairman perspective (not just B3), need to have better support from all members (thanks Angela for good representation from Australia)
- Biggest challenge for SC's:
  - ensuring adequate participation from all countries and members
  - Two way flow of communication



# Thank you!

- for support of ANC and ATC

