

DISCUSSION MEETING SUMMARY

Study Committee B5

(Protection and Automation)

Wednesday 26th August 2026

Chair: Volker Leitloff

Secretary: Peter Bishop

Special Reporters: Mladen Kezunovic (US, PS1), Caitlin Short (US, PS1) and John Wright (GB, PS2)

1. INTRODUCTION

The 2026 discussion meeting of Study Committee B5 was held on Wednesday 26th of August 2026 in the Grand Amphitheatre at the Palais des Congrès in a morning and afternoon session.

Session Team for PS1 and PS2



2. RUNNING OF THE MEETING

The Discussion Group Meeting was chaired by the Study Committee Chair, Volker Leitloff, with Mladen Kezunovic (US, PS1) and John Wright (GB, PS2) as attending B5 Special Reporters and Peter Bishop as SC B5 Secretary.

The Chair opened the session by welcoming the audience and presenting them the status of the work of Study Committee B5, giving an overview of past and future SC B5 events and the 2026 CIGRE awards of the SC B5 community.

The audience were informed of the format of the General Discussion Meetings that is based on questions from the Special Reporter on the bases of papers for the 2026 Session. Each of the two sessions had an opening report by the associated Special Reporter followed by the prepared contributions presented in 2.5 minute slots. The chair mentioned that, due to the huge number of submitted prepared contributions, it was only possible to accept about half of them for the GDM.

Spontaneous contributions were received from the audience in the Grand Amphitheatre at the end of the sessions.

The Special reporter presented the closing report at the end of each session.

The Chair closed the sequence of each PS by presenting the respective best paper certificates and thanking the audience, the paper authors, the reviewers, the Special Reporters and the SC secretary for their contributions and support.



3. CONTRIBUTIONS TO PREFERENTIAL SUBJECT 1

PS1 - Knowledge management in the field of protection, automation, control, metering and monitoring

Special reporters: Mladen Kezunovic (US, Caitlin Short (US)

- Knowledge and skills and their preservation.
- Education, training and life-long learning of students, young professionals, academics and manufacturer and utility personnel.
- Platforms, methodology, tools and support for documentation and educational delivery.

10 questions were proposed in the Special Report to which there were 44 accepted prepared contributions.

4. CONTRIBUTIONS TO PREFERENTIAL SUBJECT 2

PS2 - Protection and control in networks with unconventional sources

Special Reporter: John Wright (UK)

- Best practices and regulatory and performance requirements for protection and control in networks dominated by unconventional sources, including wind and solar generation, battery storage, HVDC links and other converter-based devices.
- Lessons learned and field experience with protection and control in networks dominated by unconventional sources, including fault-ride through and transient behaviour.
- New developments in protection and fault response control of unconventional sources.

8 questions were asked in the Special Report to which there were 58 accepted prepared contributions.

5. CONCLUSION

The session had a total of 102 accepted contributions addressing the 2 preferential subjects, 44 for PS1 and 58 for PS2. Contributions were received from 23 different countries. Due to the huge number of contributions received, in particular in the extension week, SC B5 was not able to accommodate all of them for presentation at the GDM.

Although the agenda was full and focused on the prepared contributions, there was some opportunity for fruitful discussion.

The Chair closed the session by thanking the audience for their contributions and thanking the Special Reporters for their excellent work.