



Power Electronics and Power System Integration Seminar Call for Presentations

29-30 October 2024, Sydney

CIGRE Australia is conducting its first seminar exploring the issues and challenges associated with the high penetration of power electronic interfaced devices on the power system.

This seminar is an industry discussion on existing and emerging challenges associated with the technical aspects of power system performance, modelling, analysis, protection and control, and operation in a changing power system environment and with the evolution of power electronic devices.

This is an open call for presenters from industry and academia. We are seeking presentations that:

- Feature innovative, current and relevant content (and specifically not generic or rehashed material or basic theory)
- Each presentation will be for a *maximum* of ten minutes, following which will be questions and facilitated/organic discussion with the audience
- Presentations in PowerPoint format should typically be no more than 4-5 slides and need to focus on the crux of the research, the issue, the solution, the innovation or the learning. No paper is required to be submitted.
- The presentations must not be advertorial or commercial promotions

The presentations can cover any aspect of power systems (including the engineering, economic, regulatory or human domains) so long as the topic relates to power electronics or their interfaced devices and the interaction with the power system.

Presentation proposals should be sent to submissions@cigreaustralia.org.au and include the presenters name, company/University or affiliation, presentation title and an abstract of no more than 250 words.

Important Dates:

Sunday 1 September 2024 - deadline for presenters to lodge abstracts

Friday 20 September 2024 - advice to successful presenters

Friday 4 October - provision of draft presentations to CIGRE Australia

Friday 18 October - acceptance of presentation or feedback for revision

Wednesday 23 October - final presentations lodged to CIGRE Australia



Organising Committee:

Ms Angela Klepac - APA Group, Chair Australian Technical Committee, CIGRE Australia

Dr Babak Badrzadeh - Etik Energy, Convenor CIGRE Australia Panel C4 'Power System Technical Performance'

Mr Rob Coggan - Energy Queensland, Convenor CIGRE Australia Panel B5 'Protection and Automation'

Mr Tjaart Van Der Walt - AEMO, Convenor CIGRE Australia Panel C2 'Power System Operation and Control'

Mr John Wright-Smith - Global Power Energy, Convenor CIGRE Australia Panel C4 'DC and Power electronics'

Mr Peter McIntyre - Chief Executive Officer, CIGRE Australia