

23rd - 24th February
University of Canterbury
Otautahi | Christchurch



CIGRE NZ 2023 Summer Workshops: B1 Cables Stream

Join us in this interactive workshop to develop a common approach to cable condition assessment for New Zealand based asset owners and test providers. The medium voltage cable asset base is ageing worldwide and the last decade has seen significant developments in cable diagnostic methods for condition assessment. Come to hear about current international standards and guidance, and the various approaches currently undertaken in New Zealand.

To make the discussions as interactive as possible, we would like to ask participants to think on the following:

- 1) What approach do you currently use for asset management of your cables (e.g. run to failure, aged-based, condition-based), and what would you like to move to?
- 2) What cable condition assessment techniques do you use (or plan to use) for your cables, if any,
- 3) What type of cables are you most interested in assessing (e.g. PILC, Aged-XLPE etc.)

| Day 1 – 23rd February | | Day 2 – 24th February | |
|-----------------------|--|-----------------------|--|
| 10:00-10:20 | Opening and welcome | 9:00-9:20 | Opening and welcome |
| 10:30-11:30 | High voltage test facilities familiarisation | 9:20-9:30 | Day 2 kick-off |
| 11:30-12:30 | Setting the scene: Introduction to condition assessment and diagnostic methods | 9:30-11:30 | Lab Demonstration: Test and measurements principles |
| 12:30-1:15 | Lunch | 11:30-12:15 | Lunch |
| 1:15-2:45 | Technical Workshop on international standards for cable testing and identifying "the gap" | 12:15-2:00 | Technical workshop Comparing common NZ practice to prepare for harmonisation |
| 2:45-3:00 | Break | 2:00-2:15 | Break |
| 3:00-5:00 | Technical workshop on establishing development approach to common NZ cable diagnostics guidelines | 2:15-3:00 | A2, A3, B1, B2 Panels collaborative technical workshop Individual session summaries |
| 5:00-5:15 | Day summary | 3:00-3:15 | Day summary |
| 6:30 onwards | Networking dinner | 3:00-3:30 | Future events and Summer Workshops closing |

Register at: www.eventbrite.co.nz/e/cigre-nz-2023-summer-workshop-tickets-509784076897

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