

# CIGRE NZ 2020 Technical Workshop

Advancing Energy Future with  
Focus on Protection, Automation  
and Control

## B5

Protection and  
automation

### Highlights

- Expert discussion on contemporary protection and automation issues and solutions
- Technical Presentations on subjects including Asset Management and IEC61850
- NZ.B5 Panel formation
- Lunch & Dinner included



University of Auckland  
Newmarket Campus, Auckland



9:30 – 19:00  
19<sup>th</sup> Nov 2020



[Click here to Register](#)



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CIGRE NZ 2020

NZ.B5 Protection and Automation Workshop Programme

9:30-9:40	Opening Remarks by Workshop Chair & Co-Chair		Safa Al-Sachit Bernadette Robertson	University of Auckland, NZ Transpower, NZ
9:40-9:50	Address by CIGRE New Zealand Chair		Doug Ray	Vector Ltd., NZ
9:50-10:00	Address by CIGRE Australia.B5 Panel Convener		Peter Bishop	Transpower, NZ
10:00-10:25	Technical Presentations	News from CIGRE Study Committee B5 / IEC61850	Rannveig S. J. Løken <sup>1</sup>	Statnett SF, Norway
10:25-10:45		Protection of Down Conductor Faults	Stephen Chiu	Powerco, NZ
10:45-11:10		61850 Goose - Positive experiences and project roll-out	Peter McKenzie <sup>1</sup>	Horizon Networks, NZ
11:10-11:40		Coffee Break		
11:40-12:00		Transmission Network with the presence of Embedded Generation	Jin Phoon	Transpower, NZ
12:00-12:30		New Zealand Distribution Network Protection Practices- 2011 Survey Refresh	Nirmal Nair	University of Auckland, NZ
12:30-13:30	Working Lunch - CIGRE NZ.B5 Panel formation discussion (Draft Terms of Reference to be Released)			
13:30-14:00	Technical Presentations	IEC61850 experience of Brazilian utilities	Pablo Humeres Flores <sup>1</sup>	Electrobras, Brazil
14:00-14:30		Anticipating and detecting wildfire ignition mechanisms from failing line devices	Carl L. Benner <sup>1</sup> Prof. B. Don Russel <sup>1</sup> Jeff Wischkaemper <sup>1</sup>	Texas A&M University, USA
14:30-15:30	NZ Distribution & Generation Utilities Burning PAC* Issues <sup>2</sup>		Moderator - Nirmal Nair	
15:30-15:45	Coffee Break			
15:45-16:15	NZ Distribution & Generation Utilities Burning PAC* Issues <sup>3</sup>		Moderator - Nirmal Nair	
16:15-17:00	Discussion on Terms of Reference - CIGRE NZ.B5			
17:00-18:00	Physical Networking & Appetisers (Gold Sponsor Address and Open Mic Session for workshop attendees to talk about their ongoing P&A projects)			
18:00 onwards	Dinner			

<sup>1</sup>Online Speaker

<sup>2</sup>Opportunity for Venue attendees to share their points

<sup>3</sup>Opportunity for Online attendees to share their points

\*Protection, Automation and Control aspects of B5

a. System protection;

b. Substation control and automation; and

c. Remote control systems and equipment - metering systems and equipment.

Ticket Price

Face-to-Face

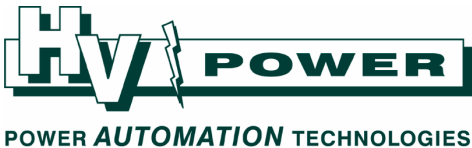
Online

-NZD100

-NZD50

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CIGRE New Zealand sincerely thanks the University of Auckland for their gratis hosting venue and support in organising the workshop