

OVERHEAD LINES DESIGNERS FORUM: 2021 SOUTH ISLAND



Electricity Engineers' Association

11 Islington Avenue, Islington, Christchurch

8.30am	Coffee and Networking		
9.00am	INTRODUCTION	C Rathbone	CHAIR: Brian Campbell– Connetics
9.10am	OVERHEAD DESIGN GROUP	S McCready	
9.25am	WHAT ARE THE ROLES AND RESPONSIBILITIES OF LINE DESIGNERS AND WHAT SHOULD YOU BE AWARE OF	R Douglas	
9.40am	OVERHEAD LINE DESIGN MICRO-CREDENTIAL	R McCrone	
10.00am	MICRO CREDENTIALS LEARNERS SURVEY	R McCrone	
10.10—10.30am Morning tea			
10:30	FEEDBACK ON MICRO-CREDENTIALS	R McCrone	Table talk session to provide feedback on micro-credentials
10:45	SEISMIC DESIGN	M Crake	
11:10	A COUPLE OF SEMI-REGULAR CONVERSATION	C Rathbone	
11:35	SAFETY IN DESIGN	M Clark	
12.00—13.00 Lunch			
13.00	OVERHEAD DESIGN GROUP FEEDBACK	S McCready	
13:20	PARTICIPANT PRESENTATIONS	Backfill and compaction methods to address field study	Cameron McNoe: Meyer Cruden
13:30		Backfill compaction & foundation testing	Scot Jefferies: Aurora
13:40		OH line in Niuafou'ou, Tonga	Pablo Daverio: Infratec
13:50		Tree growth rates with LIDAR	Andy Burrell: Landpro
14:00		Aurora steel poles	Brian Campbell: Connetics

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14:10	PARTICIPANT PRESENTATIONS	Use of Drones to monitor	James Mathieson: Electronet
14:20		Overhead Lines Galvanic Corrosion Challenges	Ravinder Singh: PLP
14:30		Foundation design	Jed Coppins: Network Tasman
14:40		33kV Increasing Line Ratings and Optimising Pole Refurbishment	Andrew Hindle: BECA
14:50- 15:10 Break			
15:10		Wood Rot Study	Andrew Johnson: Aurora
15:20	POWERCO GIS SYSTEMS	P Blackmore	
15:30	WOODEN POLE CONDITION ASSESSMENT GUIDE UPDATE	P Blackmore	
15:40	CONDUCTOR CONDITION ASSESSMENT GUIDE UPDATE	P Blackmore	
15:50	EEA ACTIVITIES	S McCready	
16:00	PANEL SESSION FORUM – CLIMATE CHANGE IMPACTS <i>What are the design considerations required for future design with the impact of climate change?</i>	MODERATOR B Campbell	PANEL C Hope, B Albany, P Blackmore
16:20	CLOSE OUT	16.30	FORUM FINISH

PURPOSE OF THIS FORUM

Bring together Overhead Line designers for the standardization of the safe design of Overhead line infrastructure and share innovative approaches to design solutions.

Our thanks to Connetics for assisting to make this event happen.

