

OVERHEAD LINES DESIGNERS FORUM: 2021 NORTH ISLAND

VODAFONE EVENT CENTRE
770 Great South Road, Manukau City, Auckland



Electricity Engineers'
Association

8.30am	Coffee and Networking		
9.00am	INTRODUCTION	C Rathbone	CHAIR: Mitch Graham
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 CONVERSATIONS	C Rathbone	
11:35	SAFETY IN DESIGN	M Clark	
12.00—13.00 Lunch			
13:00	PANEL SESSION – OVERHEAD DESIGN GROUP FEEDBACK	MODERATOR D Brown	PANEL Rob McCrone, Carl Rathbone
13:20	PARTICIPANT PRESENTATIONS	WEL networks 33kV steel pole defects	Helen Gilbert: BECA
13:10		Strain rigging on ACSR conductors	Liang Li : Electrix
13:20		Screw Piles	Edlyn Colaco: Jacobs
13:30		Top Energy design tools	Steven Copper: Top Energy
13:40		Survey and modelling of transmission lines	Tim Hoskin: Transpower

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13:50	PARTICIPANT PRESENTATIONS	Composite Arms	Mitch Graham: Unison
14:00		Tonga HV & LV network	Goran Stojadinovic: Transnet
14:10		Foundation design	Jed Coppins: Network Tasman
14:20		ADSS line design & Challenges	James Donald: AECOM
14:30		Overhead Lines Galvanic Corrosion Challenges	Ravinder Singh: PLP

14:40- 15:10 Break

15:10	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	<p>PANEL SESSION FORUM – CLIMATE CHANGE IMPACTS</p> <p>What considerations should designers be allowing for, to cover an increase in environmental loadings such as wind, snow, high temperatures, and how do we manage these?</p>	<p>MODERATOR E Shires</p>	<p>PANEL D Brown, B Albany, P Blackmore</p>
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.