OVERHEAD LINES DESIGNERS FORUM: 2022 SOUTH ISLAND





Electricity Engineers' Association

Wednesday 3^{rd} August 2022-11 Islington Avenue, Islington, Christchurch

Second S	8.30am	Coffee and Networking			
Applying standard designs The approach taken to apply standard designs 10.00 Changes to Standards Overview of the changes to AS\NZS 7000 and 1170.2 10.30—10.50am Morning tea 10:50 Fire investigation learnings John Foley Fire and Emergency 11:20 Road Safety Design Considerations Ken Pattie Overhead Lines Engineering— LinesSmart 10:50 Sustainable Designs Zain Kader Sustainability Engineer—Orion 12:20—1.00pm Lunch 10:00 PANEL AND TABLE TOP SESSION Design issues discussion: A design issue presented to attendees to discuss at tables for 20 minutes, return back with the issues and put questions to selected panel of experts for discussion 1.50 Softwood Poles Aaron Mullins Sustainability, Electropoles and Engineering Specialist—Goldpine 2.15 Low Impedance Faults Rodger Griffiths General Manager, Generation and Technology—Westpower 2.40 PARTICIPANT PRESENTATION — CREATING A NEW POLE 3.30 PARTICIPANT PRESENTATION — RELIABILITY BY DESIGN DESIGN POESIGN POESIGN PARTICIPANT PRESENTATION — RELIABILITY BY DESIGN DESIGN PARTICIPANT PRESENTATION — RELIABILITY BY DESIGN POESIGN POESIG	9.00	Introduction by the Chair — Brian Campbell—Connetics			
The approach taken to apply standard designs 10.00 Changes to Standards Overview of the changes to AS\NZS 7000 and 1170.2 10.30—10.50am Morning tea 10:50 Fire investigation learnings 10:50 Fire investigation learnings 10:50 Sustainable Designs 2 John Foley Senior Specialist Fire investigator—Fire and Emergency Fire and Emergency 11:50 Sustainable Designs 2 John Foley Senior Specialist Fire investigator—Fire and Emergency 11:50 Sustainable Designs 2 John Foley Senior Specialist Fire investigator—Fire and Emergency Nowerco 12:20—1.00pm Lunch 1.00 PANEL AND TABLE TOP SESSION Design issues discussion: A design issue presented to attendees to discuss at tables for 20 minutes, return back with the issues and put questions to selected panel of experts for discussion 1.50 Softwood Poles 3.50 PARTICIPANT PRESENTATION — CREATING A NEW POLE 3.30 PARTICIPANT PRESENTATION — RELIABILITY BY DESIGN DESIGN DESIGN PARTICIPANT PRESENTATION — RELIABILITY BY DESIGN DESIGN POLICIPANT PRESENTATION — RELIABILITY BY DESIGN Principal—Agila Solutions TransNet 4.10 EEA GUIDE UPDATE Wooden pole condition assessment Conductor condition assessment	9.10	EEA Activities	Rob McCrone	EEA Contractor	
Overhead Lines Engineering—LinesSmart 10:30—10:50am Morning tea 10:50 Fire investigation learnings John Foley Senior Specialist Fire investigator—Fire and Emergency Overhead Structure team leader—Powerco 11:20 Road Safety Design Considerations Ken Pattie Overhead structure team leader—Powerco 11:50 Sustainable Designs Zain Kader Sustainability Engineer—Orion 12:20—1.00pm Lunch 1.00 PANEL AND TABLE TOP SESSION Design issues discussion: A design issue presented to attendees to discuss at tables for 20 minutes, return back with the issues and put questions to selected panel of experts for discussion 1.50 Softwood Poles Aaron Mullins Sustainability, Electropoles and Engineering Specialist—Goldpine 2.15 Low Impedance Faults Rodger Griffiths General Manager, Generation and Technology—Westpower 2.40 PARTICIPANT PRESENTATION — CREATING A NEW POLE Jed Coppins Project Manager—Network Tasman 3.00—3.30 Afternoon tea 3.30 PARTICIPANT PRESENTATION—HARDWOOD POLES Dan Batchelor Southern Regional Manager—Connetics 3.50 PARTICIPANT PRESENTATION — RELIABILITY BY DESIGN Stojadinovic TransNet 4.10 EEA GUIDE UPDATE — Wooden pole condition assessment — Conductor condition assessment — Conductor condition assessment — Conductor condition assessment	9.30		Mitch Graham		
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Wooden pole condition assessment Conductor condition assessment	3.50			_	
4:20 CLOSE OUT 4.30 FORUM FINISH	4.10	 Wooden pole condition assessment 	Paul Blackmore	Principal—Agila Solutions	
	4:20	CLOSE OUT	4.30	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