

House Keeping

Sign in

· Please ensure you have signed the attendance register

Covid

- Use the tracer app to sign into the Vodafone events center
- Use hand sanitizer

Breaks

Morning tea 10:10 – 10:30
 Lunch 12:00 – 13:00
 Afternoon tea 15:00 – 15:20

Emergency Exit

WiFI

- Vodafone
- #Wemakeevents

Cell phones

- Silent mode

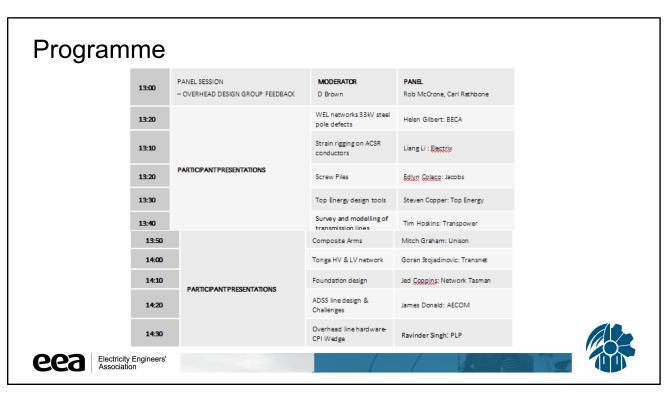


Electricity Engineers' Association



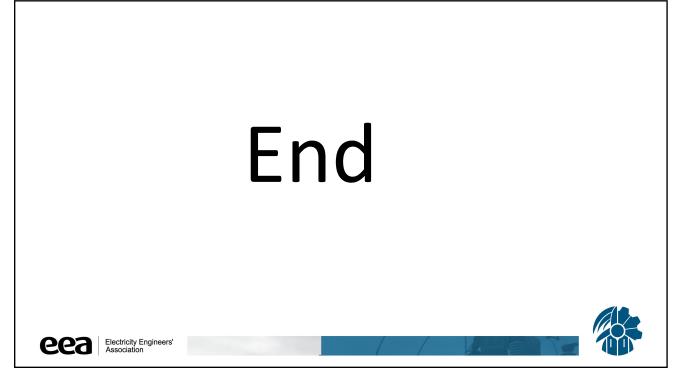
Programme Coffee and Networking CHAIR: Mitch Graham OVERHEAD DESIGN GROUP WHAT ARE THE ROLES AND RESPONSIBILITIES OF LINE DESIGNERS AND WHAT SHOULD YOU R Douglas BE AWARE OF? OVERHEAD LINE DESIGN MICRO-CREDENTIAL R McCrone MICRO CREDENTIALS LEARNERS SURVEY 10.00am R McCrone 10.10-10.30am Morning tea Table talk session to provide feedback FEEDBACK ON MICRO-CREDENTIALS 10:30 R McCrone on micro-credentials SEISMIC DESIGN M Crake A COUPLE OF SEMI-REGULAR 11:10 C Rathbone CONVERSATIONS SAFETY IN DESIGN M Clark 12.00-13.00 Lunch Electricity Engineers' Association eea

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Programme 14:40-15:10 Break POWERCO GIS SYSTEMS 15:10 P Blackmore WOODEN POLE CONDITION 15:30 ASSESSMENT GUIDE UPDATE CONDUCTOR CONDITION ASSESSMENT 15:40 P Blackmore GUIDE UPDATE EEA ACTIVITIES 15:50 S McCready 16:00 PANEL SESSION FORUM MODERATOR - CLIMATE CHANGE IMPACTS E Shires D Brown, B Albany, P Blackmore 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? 16:20 CLOSE OUT FORUM FINISH 16.30 Electricity Engineers' Association eea

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EEA Overview

The Electricity Engineers' Association ("EEA") provides a focal point for collaboration and thought leadership in **engineering, safety and asset management** across the electricity industry. The EEA enables members to continuously learn and develop in a dynamic and rapidly changing environment.

- Collaborates to identify and prioritise engineering, safety & asset management risks;
- **Promotes** industry risk management through self-regulation using voluntary standardisation;
- A Trusted Advisor, responsive to change and provides its Members with market intelligence via a collaborative learning environment;
- Utilises Collective Knowledge and Goodwill of its members and partners to provide practical solutions to deliver continual improvement;
- Develops Policy and Guidance on common safety, engineering and asset management risks;
- Engages with Government Agencies on members behalf;
- Co-ordinates Communications and other activities on behalf of members.



Electricity Engineers' Association



EEA Working groups

- National Committee on Live Work
- Asset Management Group
- Profession Development Group
- Public Safety Working Group
- SSPG

What do they do?

- Provide guidance and direction on areas to focus on
- Develop annual work plans
- Participate in the development of guides
- Recommend guides for approval





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Overhead Line Designers

Is there a Need for an Overhead Designers Group??

VISION

Overhead Line Designers developing consistent, efficient, effective, and safe design solutions and design methodologies for overhead distribution networks within the New Zealand electricity supply industry.

ROLE

The role of the Overhead Designers Group (ODG) is to provide, leadership, specialist knowledge, coordinate collaboration across industry members and stakeholders, to lead consistent, efficient, effective, and safe design of Overhead lines in the <u>electricity supply industry</u>.



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Overhead Designers Group

OBJECTIVES (proposed)

- Provide technical leadership to the industry.
- Development and roll-out of new industry standards, regulations and resources (eg EEA publications).
- Develop opportunities to enhance and sustain professional Overhead Line Design practice.
- Develop and foster an Overhead line design professional community.
- Support quality development of relevant learning programmes to meet industry needs.
- To enhance the value of professional development for Overhead line designer engineers.
- Support the development of Overhead line design subject matter experts and future leaders.
- To collaborate with industry, learners, providers and Government to understand industry needs to provide guidance on design requirements.
- To identify, develop and/or support opportunities for coordination of, and foster collaboration in, research and development initiatives associated with overhead lines.
- Develop strategy and annual workplans to deliver the vision, role, and objectives.





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Overhead Designers Group

Going Forward

- EEA board approval
- Industry support and involvement required

Feedback Questions

- 1) Is there industry support for such a group?
- 2) What would the group focus on?



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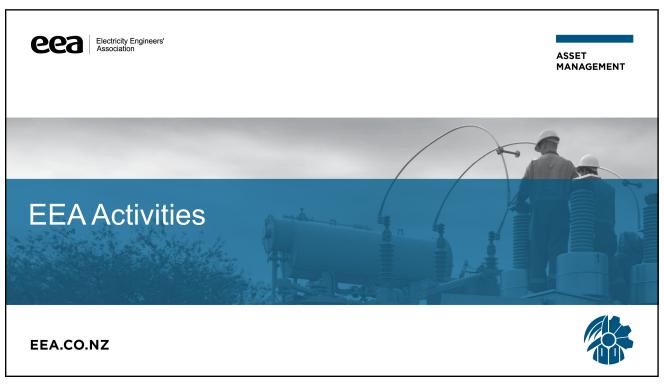


End





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EEA Activities

- Safety (Workplace and Public), Engineering, Asset Management, Live Work, Professional Development.
- Projects
 - EEA Knowledge Platform
 - Safety Manual Electricity Industry (SM EI) review
 - Line mechanic and Cable Jointer HB
 - EEA Guidance
 - Critical safety areas Low Voltage work; Live Work; Service Connections
 - Asset Management Asset Condition Resilience; Wooden Poles; Conductors
- Professional Development 'Human Capability Management' Professional Development Group
 - Line Design Micro Credential (TEC/NZQA)
 - ESI Workforce Development Strategy to 2030 Kohi Whakaaro
 - Technicians working group





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EEA Activities

- NCLW
 - Live Work Procedures(part2)
 - Live work training forum
 - Live work auditing
- Asset Management Group
 - Connecting generating plant guide update
 - Conductor condition assessment guide
 - Wooden Poles condition assessment guide
 - Webinar series, open networks,
 - Asset Management forum
- Public safety Working group
 - Guide to achieve public safety accreditation to AS/NZS 45001
 - Learning team event- car V pole







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Panel Session - Climate Change

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?



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Panel Session – Climate Change

What loading capacity should we design our LV networks for given the potential load increases from climate change response?



