

EEA Safety Workshop 19th – 20th October 2016 Live Working

Bob Taylor, President - Electricity Engineers' Association
Member EEA Safety Standards and Procedures Group
(Formerly Safety Strategy and Policy Group)
Chair National Committee Live Work



Aim of Keynote Presentation

- Remind us of our duties under the Health and Safety at Work Act 2015
- Resources and Processes to Eliminate or Minimise Hazards and Risk
- Safe Work Practices and Safe Operating Procedures
- Selection of Work Methods (Slide)
- Development of a Guide to the Selection of Work Methods for Work on HV Overhead Lines
- Engagement with WorkSafe
- Low Voltage Control of Work
- Work priorities NCLW

Background

- The ESI has been challenged on a number of occasions over the selection of work methods to undertake work on HV overhead lines. Specifically the decisions between live or de-energised work methods.
- The Health and Safety at Work Act 2015 provides a 'balanced' framework to secure the health and safety of workers and workplaces by protecting workers and other persons against harm to their health, safety, and welfare by eliminating or minimising risks **so far as reasonably practicable** arising from work. This establishes a clear responsibility on PCBU's that in all cases the work method must ensure a safe outcome.
- In response EEA in consultation with Worksafe, ENA and Transpower has developed a guide to the selection of work method on HV overhead lines.
- The purpose of the guide is to assist persons designing and planning work to select the best work method by taking account of regulatory and legislative requirements. Specifically the duty to undertake a hazard and risk assessment to determine whether it is appropriate to eliminate or minimise high voltage live line electricity supply risks.

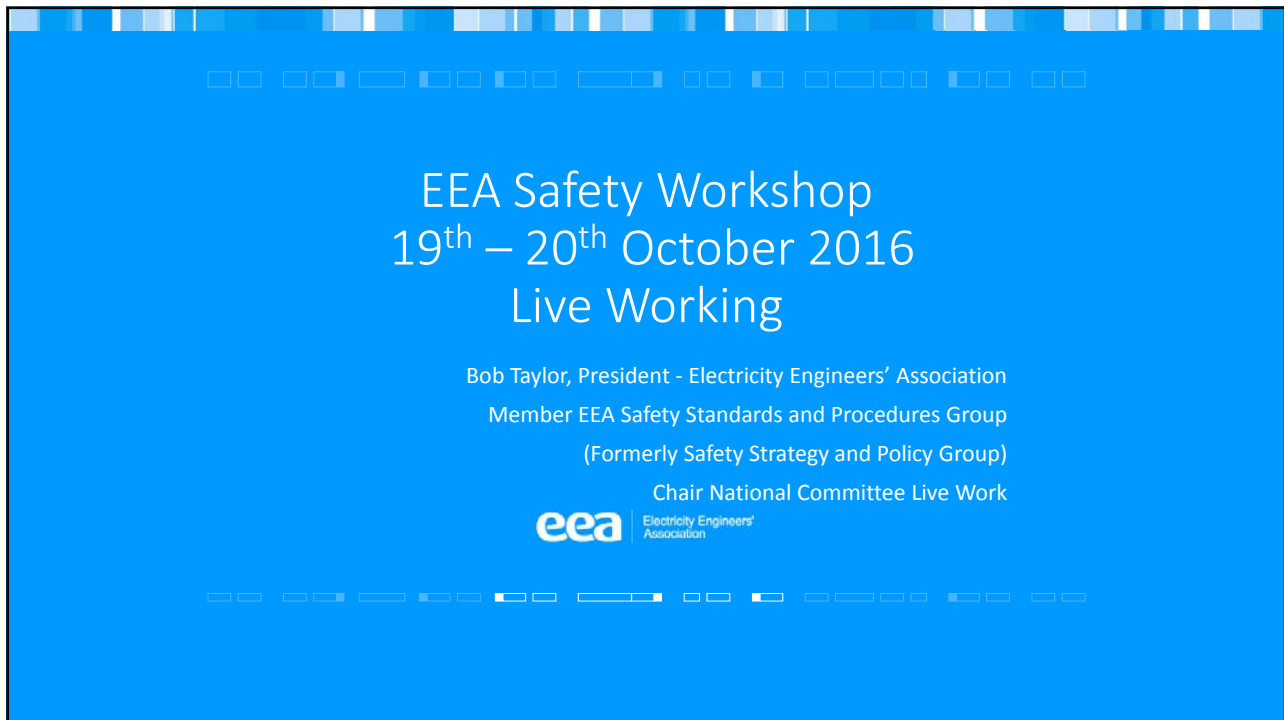
Governing Principles

- The approach taken by EEA is based on overseas regulatory frameworks and industry guidelines from UK, Australia and Europe (specifically the UK Electricity at Work. Regulations 1989 – Regulation 14) and existing frameworks used by NZ companies.
- The EEA guide requires in planning a task on high voltage overhead lines there are three high level criteria to be assessed by a PCBU's for determining selection of a work method, these are:
 - *Is it unreasonable in all circumstances for the line to be de-energised?*
 - *Is it reasonable in all circumstances for the employee worker to be working on a live uninsulated conductor?*
 - *Are there limitations on the scope of work that can be undertaken - specifically safety justifications not to proceed?*

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Questions ?



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The slide features a blue background with white text. At the top and bottom, there are decorative horizontal bars composed of small squares in various shades of blue and white. The text is centered and uses a clean, sans-serif font.