

EEA LIVE WORK FORUM

27th August 2019

Russley Golf Club & Function Centre,
428 Memorial Avenue, Christchurch

Electricity Engineers'
Association

PROGRAMME

8:45am	Sign in and Tea / Coffee on arrival	
9.15—9.30am	Welcome, overview of the day and National Committee on Live Work (NCLW) work	Bob Taylor — Consultant & EEA NCLW Chair
9.30—10.00am	High Voltage Live Work Model Procedures for Glove and Barrier Work:	Bob Taylor
	▶ Consultation — High Voltage Live work model procedure for glove and Barrier	
10.00—10.20am	HV Glove and Barrier procedures	Gavan Paget — Project Manager, Powerco Craig Webby — Design Manager, Powerco Haden Bedggood — Team Leader G&B, Downer
	▶ Powerco— procedure implementation	
10.20—10.40am	Future opportunities for stick work in NZ power industry	Bob Taylor

MORNING TEA 10.40 — 11.00am

Session Chair: Graeme Johnson—Technical Manager, Electrix

11.00 — 11.20am	Australian Live Work Practices Forum and work programme	Mick McGreevy — Senior Transmission Support Engineer Operations: Substations Distribution, Ergon Energy Network Energex
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Mick started his career with the Royal Australian Air Force, where he led teams of technicians at operational squadrons including communications and navigations aids and the avionics of the F-111. He joined Energex in 2007 as a Graduate Electrical Engineer where he rotated through a number of areas within the business, starting as a Transmission Overhead Line Design Engineer in 2009 and after 6 years of design moved into a field support role for Substations Primary Plant including Transmission Overhead crews. In Mid 2016 Mick began the Senior Transmission Support Engineer (HVLW, OH) role where he became responsible for Energex's High Voltage Live Work Management Standard and engineering approval for all HVLW procedures (TX, Dist & Substations). Energex recently merged with Ergon Energy (Energy Queensland) and his role has expanded to encompass similar functions for Energy Queensland.

11.20 — 11.40pm	Overview of Australian standards for live work	Mick McGeevy
11.40 — 12.30pm	Guide to Field Auditing of Live Line Work	Bob Taylor, Mick McGreevy
	▶ Practical application Field Auditing (2014)	Charlie Dixon — Trade Specialist Team Leader, Northpower Waihaki Rameka — Contracting Services Branch Manager, Unison

LUNCH 12.30 — 1.10pm

Session Chair: Shane Watson , Network Strategy and Transformation Manager, Orion

1.10 — 1.40pm	LV Works Selection Guide	Bob Taylor Charlie Dixon
	▶ Northpower practical application	
	Selection of Work Methods to undertake LV work on Electricity Supply Assets	
1.40 — 2.10pm	LV Work Management	Graeme Johnson — Technical Manager, Electrix

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PROGRAMME continues

2.10 — 3.00pm	Interactive Discussion <ul style="list-style-type: none"> ▶ H&S Incidents ▶ Equipment standards ▶ Links with other Live line groups ▶ Standard work practices (LV) ▶ LV Live work training 	Mick McGreevy, Graeme Johnson Mike Burke — Consultant, BETAA Phil Johnson — HS& E Manager, PowerNet
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AFTERNOON TEA 3.00 — 3.20pm

Session Chair: Geoff Thorburn - Network Operations Manager, Wellington Electricity

3.20 — 4.20pm	Maintenance of HV Live Line competency and Live Line restart <i>Panel & workshop question:</i> What is the minimum requirement for a restart programme? <ul style="list-style-type: none"> ▶ Trainers & competency ▶ Competency of staff 	Bob Taylor Mick McGreevy Mike Burke
4.20 — 4.30pm	Overview of international trend in live work <ul style="list-style-type: none"> ▶ ENA UK HV overhead live line working committee ▶ Korean update 	Peter Berry — Executive Director, EEA
4.30 — 4.45pm	Closing Remarks — Bob Taylor Consultant & EEA NCLW Chair	

WORKSHOP CLOSE 4.45PM

ABOUT THE NATIONAL COMMITTEE ON LIVE WORK (NCLW)

PURPOSE

To act as the authoritative industry body for discussion and resolution of national issues affecting High Voltage (HV) and Low Voltage (LV) live work in the electricity supply industry (ESI).

MEMBERS: Bob Taylor—Chair, Peter Berry—EEA, Mike Burke—BETAA, Charlie Dixon—Northpower, Graeme Johnson—Electrix Phil Johnson—PowerNet, Charles Kaka—Unison, Derek Kooman—Electrix, Gavan Paget—Powerco, Waihaki Rameka—Unison Alisdair Reid—Orion, Joseph Reti—PowerNet, Frank Skinner—Horizon, Dave Smith—Scanpower, Geoff Thorburn—WE Filipe Vulaono—WEL, Shane Watson—Orion

SCOPE

Issues relating to and affecting the planning, development of work methods and carrying out of live work at all voltages on electrical equipment including stick, barehand, glove and barrier or any other live work method including testing.

Work undertaken by the Committee include, development of guides to manage live work risks, monitoring and contributing to international approaches to live line work, facilitating with Government regulators and collaborating on wider issues to improve safety risks.

KEY GUIDES

- ▶ High Voltage Live Work Model Procedures for Glove and Barrier Work
- ▶ Guide to Live LV Electrical Work
- ▶ ECP 46 High Voltage Live line work: Industry practice notes 2017
- ▶ Selection of Work methods to undertake LV Work
- ▶ Assessment of Work Methods to undertake HV OH Line Work
- ▶ Guide to Field Auditing

Link to EEA website [Publications](#)

For any queries or requests for documents please contact admin@eea.co.nz.