

# HEALTH AND SAFETY WORKSHOP 2016

## Taking Stock—HSAWA ‘Six Months On’

### About the Presenters—Day 1

**9.00am | Registration — Tea & Coffee on arrival**

**9.30am | Welcome and Opening remarks—Peter Berry, Executive Director, EEA**



Peter joined the industry in 1986 as the Executive Officer for the Electricity Supply Association of NZ and has been actively involved in the reform of the NZ electricity supply industry from its beginnings in 1987. In 1993 he was appointed Executive Director of the EEA and has refocused the organisation to meet the needs of its members in a changing environment. Previously, Peter held positions within the University of Waikato, the NZ Army (Royal New Zealand Engineers), the Ministry of Civil Defence, and a leading NZ market research company. Educated at Waikato University and Victoria University, he has two Masters Degrees and a post graduate diploma in business management. He is a Member of the Institute of Directors in NZ and has held a number of directorships. He is a founding member of the Electricity Supply Industry Training Organisation (ESITO) and the Electric Power Engineering Centre at the University of Canterbury.

**9.45am | David Hanham—Safety, Quality and Environment Manager, Stronger Christchurch Infrastructure Rebuild Team**



David has been Safety, Quality & Environment Manager at the Stronger Christchurch Infrastructure Team since July 2015. He joined from BHP Billiton (resources company) where he was Senior Health and Safety Manager for 3 years. Prior to this he worked as Health & Safety Manager at Woodside Energy in Perth joining from Alcoa (alumina mining, refining & light metal manufacturing) where he worked for 17 years in a variety of roles including Audit Manager and West Australia Operations Health and Safety Manager.

**10.15am | Chris Jones—Manager-Strategy, WorkSafe New Zealand**



Chris is Manager, Strategy at WorkSafe New Zealand, where he is responsible for leading the development of the Regulator's strategic direction and approach to health and safety across New Zealand. As part of this, Chris was responsible for leading the development of “Healthy Work”, WorkSafe's ten-year strategic plan for work-related health risk management. Prior to WorkSafe, Chris was Head of Occupational Health and Wellbeing Strategy at Network Rail, the UK's railway management organisation, where he successfully developed a ten-year health risk management and improvement strategy for the 130,000 workers operating on the railway infrastructure. Chris also spent several years as Professional Head of Physiology for Nuffield Health, one of the UK's largest healthcare organisations, consulting to organisations on strategic approaches to improving the physical and mental health of workers and overseeing a nationwide team of 110 Applied Health Physiologists who collectively delivered over 90,000 health and wellbeing interventions each year.

**10.55am | Ken McCall—Health, Safety and Environment Manager Transgrid, Australia**



Ken is an experienced Health, Safety & Environment leader with a track record of change management through implementing systems, safe work practices and inspiring cultural change. With the support of the Board and Executive Leadership, an injury free workplace can be a reality. Understanding what behaviours cause incidents is critical to the development and maintenance of a culture where injury is unacceptable.

Ken has been the HSE Manager for New South Wales electricity transmission company, TransGrid, since 2009 and has operated for the past 23 years as Health, Safety and Environmental (HSE) Manager for some of Australia's largest and leading energy and infrastructure businesses. He is experienced in the development and implementation of strategies, systems and practices to ensure strong HS&E performance and experienced in using HS&E as the catalyst for cultural change. One of the key examples of change has been successfully shifting the safety culture from an “after the event” to “preventative” approach achieved through placing greater focus on measuring Positive Performance Indicators and “High Consequence Incidents” across the business rather than just outcome measures such as LTIFR.

**11.25am | Morning Tea**

HEALTH + SAFETY | ASSET MANAGEMENT | PROFESSIONAL DEVELOPMENT

eea

Electricity Engineers'  
Association



## BACK TO BASICS ⇒ NON-NEGOTIABLE SAFETY RULES

### COMPLY WITH BASIC + ESTABLISHED INDUSTRY SAFETY RULES

- ① TEST for Safety
- ② ISOLATE, Prove De-Energised and Earth HV equipment prior to work
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- ④ ENSURE protection from Voltage Difference
- ⑤ DETERMINE poles or pole structures are safe to climb
- ⑥ ENSURE fall arrest or restraint



#### 11.40am | Sue Berggren & Tim Heyworth—Duty Holder Review Team, Operations & Specialist Services, WorkSafe



**Sue** has been involved in health and safety/employment relations (mediation, labour inspectorate) for the past 17 years, with Department of Labour in its various guises and latterly with WorkSafe New Zealand. Prior to working in health and safety worked in recruitment. She is currently employed as a Duty Holder Review Officer, since the Duty Holder Review team was established in November 2014. She holds a Graduate Diploma in Occupational Safety and Health, Massey University and is currently studying toward a Post Graduate Certificate in Health Sciences (endorsed in Occupational Health) at Otago University.

**Tim's** job involves reviewing incident/near miss health and safety reports from notified events/incidents around New Zealand. As part of the review the duty holder is provided with suggestions and observations to assist in improving their health and safety within their organisations. He has been a Duty Holder Review Officer with WorkSafe since the DHR team's inception November 2014. Prior to this he was a Risk Management Coordinator, managing health, safety and compliance across multiple sites within the manufacturing sector. He was a Production Planner for 5 years and spent about 7 years within the electrical cable manufacturing industry, and about 8 years as a mechanic, completing an old school 8000 hour apprenticeship and obtaining my trade qualification along the way. His primary qualifications include a Bachelor of Commerce degree – management (University of Canterbury), Trade Certificate in Automotive Engineering, Certified in Production and Inventory Management (CPIM), and PRINCE2 foundation in project management (currently working toward practitioner). His background includes roles as diverse as EPMU delegate for a number of years through to being a New Zealand National referee for Karate and 2<sup>nd</sup> degree black belt.

#### 12.05pm | Stephen Small—General Manager-Safety and Risk, Alpine Energy



Stephen's commitment to health and safety extends beyond his employment with Alpine Energy where he is responsible for the safe operation of our electricity network. As well as advocating and implementing a safe and happy workplace, Stephen has spent more than 20 years as a specialist Wilderness First Aid instructor and as a NZ Mountain Safety instructor.

His extensive career as a health and safety champion has made a positive difference in many people's lives through the changing of behaviors and putting in place progressive workplace policies that build a pro-active health and safety culture.

Stephen has been with Alpine Energy for seven years, prior to that he spent 15 years in training, safety and compliance roles at Hurricane Wire, Steel and Tube, and BHP. He has also spent time in North America and New Zealand as a hunting guide and outdoor education instructor. His formal training includes: NZCE, BSc (analytical chemistry), various other National Certificates, and he is a qualified Paramedic.

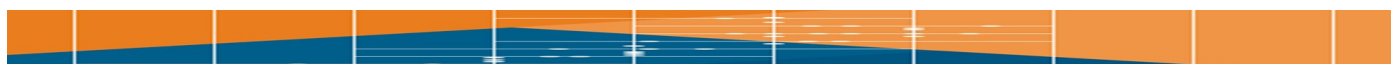
#### 12.35pm | Sue Nolan—Director, DrugFree Sites New Zealand



Sue has been both a forensic scientist and regular expert witness (criminal and employment courts) for 40 years specializing in illicit drugs, toxicology and workplace drug testing. In November, 2007, she established her own consultancy company, DrugFree Sites. Prior to that, she was employed by the Institute of Environmental Science and Research Ltd (ESR) and the Department of Scientific and Industrial Research (DSIR). Since 1992 Sue has advised over 1500 New Zealand, Australian and Global companies on developing and implementing Drug and Alcohol Free Workplace Policies and Programmes and has published regularly. She also trains and certifies collecting and drug screening agents. In 2010, Sue was appointed as a Board Member of the International Forum for Drug & Alcohol Testing (IFDAT).

As a member, since 1994, of the joint Australian/New Zealand Standards Technical Committee CH-036, Sue has been collectively responsible for preparing the Standard AS/NZS 4308: 2008 "Procedure for specimen collection and the detection and quantitation of drugs of abuse in urine." She was instrumental in establishing New Zealand's first AS/NZS 4308 accredited laboratory for workplace drug testing in 2003. Sue is also a member of the Joint Australian/New Zealand Standards Technical Committee currently updating the Oral Fluid Standard. Sue also has considerable experience in Sports Drugs Testing and has attended two Olympics Games as a laboratory independent observer for the World Antidoping Agency (WADA) monitoring the drug testing processes and reporting.

#### 1.15pm | Lunch





**2.00pm | Jarrod Bowler—Chair, StayLive**



Jarrod is the present StayLive Chair, a position He has had the privilege of holding since August 2015. He is also the Regional Manager South for Mercury's Hydro Generation Assets, a position that he has held since July 2016. Prior to this he had worked for Genesis Energy in a variety of roles, the most recent being the Renewable Energy Manager. Overall, he has over 25 years' experience working in the New Zealand Electricity Sector, in a range of technical, managerial and safety based roles.

**2.20pm | Rachael Morris—Health, Safety and Environment Manager, Contact Energy**



Rachael has been HSE Manager, LPG and Customer at Contact Energy since February 2015. She joined Contact Energy as HSE Advisor in 2009. Prior to this she worked as HSE Coordinator at PMP Print for four years after joining from Christchurch City Council where she was Waste & Recycling Advisor. Rachael was Environmental Specialist at Subsea 7 (seabed – surface engineering, construction and services contractor to the offshore energy industry) for 5 years and Safety Advisor at the Electricity Corporation of New Zealand from 1991 to 1997.

**2.45pm | Rob Douglas—Power Systems Engineer, Delta Utility Services**



Rob is a Power Systems' Engineer (MIPENZ IntPE CPEng Dipgrad BEng) with Delta Utility Services Ltd in Dunedin; he originally graduated in the UK and moved to New Zealand in 1996; he now has over 20 years of energy and energy sector experience. He has been leading distribution safety design and policy development within Delta; this in part led him to produce the Arc Flash Estimator tool, which won the EEA Workplace Safety Award earlier this year.

**3.05pm | John Woodrow—Health, Safety, Environment and Quality (HSEQ) Advisor, Mainpower**



John has 25 years' experience in electronics and semiconductors. In the past he has worked for Toshiba, Plessey, GEC, Mitel, Siemens and Zarlink. John and his family emigrated from the United Kingdom in 2006.

Previous to his current role John spent 5 years with the New Zealand Safety regulator, most recently as an Investigations Inspector.

**3.20pm | Afternoon Tea**

**3.35pm | Harvey O'Sullivan—Chairman, Safety Standards and Procedures Group (SSPG), EEA**



Harvey is currently the Chair of the EEA Safety Standards and Procedures Group, having been a member of the group for the past 18 years. Harvey is a Mechanical Engineer and also holds a Diploma of Maintenance Management and a Diploma of Business Administration. Harvey is currently a member of the EEA Executive, a Fellow of IPENZ, and represents the EEA on the joint Australia and NZ Standards Committee on Pressure Equipment (ME/1).

**BACK TO BASICS ⇒ NON-NEGOTIABLE SAFETY RULES**

**COMPLY WITH BASIC + ESTABLISHED INDUSTRY SAFETY RULES**

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|--|--|
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**4.05pm | Hayley Head**—Training and Development Manager, Orion



Hayley is a registered electrician with a Diploma in Electrical Engineering. Her role in Orion is the Network Access, Training and Development Manager. As required she also acts as a relief Network Controller in the control room. She is a member of the EEA Safety, Standards and Procedures Group.

Her career in the electrical supply industry covers 20 years, starting as an apprentice with Connetics, then spending three years installing and maintaining high and low voltage equipment in substations and switchyards. She is passionate about the safety of our people in the electricity supply industry.

**4.30pm | Harvey O'Sullivan**—Chairman, SSPG, EEA

**5.00pm | Graeme Johnson**—Quality and Compliance Manager, Delta



Graeme (NZCE(Elec) REA) is the Quality and Compliance Manager at Delta Utility Services and has been in the supply industry since 1974. He has been involved in all sectors of the supply industry from local small hydro power stations, maintenance and construction of substations and latterly setting up a control room in Central Otago. He has recently been involved in the early stages of the project for the installation of the Advanced Distribution Management system now operating the Dunedin network and soon the Central Otago network. He has been a member of the EEA Safety Standards & Procedures Group since 2012.

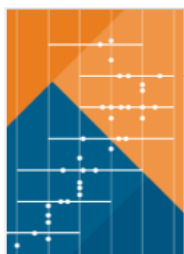
**5.35pm | Day 1—Closing remarks by Peter Berry**—Executive Director, EEA

**5.45pm | Social Function 5.45pm—7.00pm**

**7.00pm | Workshop Dinner 7.00pm—9.30pm**



**SAFETY MANUAL PART 1& 2 AND PART 3—JUNE 2015**



**SAFETY MANUAL—ELECTRICITY INDUSTRY**

SM-EI PARTS 1&2 AND PART 3 CONSOLIDATED ELECTRONIC VERSION (E-COPY)



# HEALTH AND SAFETY WORKSHOP 2015

## Taking Stock—HSAWA 'Six Months On'



### About the Presenters—Day 2

**8.00am | Tea & Coffee on arrival**

**8.30am | Opening remarks—Peter Berry**, Executive Director, EEA

**8.35am | Mark Gatland**—Chief Executive, North Power



Mark Gatland, Chief Executive for Northpower oversees the six-person strong executive team that comprises several heads of divisions including Northpower Network and Northpower Contracting, with the remainder of the team providing essential services to support the business. Mark has over 32 years electrical engineering experience. Mark has been CEO of Northpower since 1998 and under his leadership the company has successfully grown and diversified. Mark has extensive experience in business development, strategic planning and organisational development.

**9.00am | Rachel Walker**—General Manager Safety & Risk, Orion



Rachel is one of New Zealand's best known change, organisational development and safety professionals. Rachel has over 20 years' experience in advising boards, executives and managers on people leadership, including organisational transformation and change. Currently the General Manager Safety and Risk at Orion, she has worked in public and private sector organisations including the Department of the Prime Minister and Cabinet (DPMC); Deloitte Touche Tohmatsu; UCOL and Delta Utility Services. Among other roles held, she was the Director of Transition and Transformation at DPMC, acting as the programme director for CERA's disestablishment and the Ministry of Civil Defence and Emergency Management transition.

As the Immediate Past National President and Chair of the Human Resources Institute of New Zealand she represented HRINZ nationally and internationally. She is on several boards including the Royal Agricultural Society and is a former board member of the Otago Southland Employers Association and the Otago Polytechnic. Rachel has a Masters degree in Industrial Psychology and is registered with the New Zealand Psychological Society. She has held executive and board responsibility for health and safety alongside other portfolios for many years, as well as running her own consulting and contracting business Oomph. Rachel's focus is on transforming organisations through people.

**9.30am | Bob Taylor**—President, EEA



Bob has over 37 years' experience in the electricity and related utility industries. Initially starting as a trade apprentice in a UK power company, he has progressed through trade, supervisory, technical engineering, project management, design, operational and corporate management positions, including the position of Managing Director of Connectics Limited, a utility contracting company. He has an NZCE Elec, REA and a BE (Hons) from Canterbury University. Bob served for 12 years as a Director of ESITO and is currently Chairman of our Industry Safety, Strategy and Policy Group. Bob now works as an industry consultant with a particular interest in assisting Network Companies and Utility Contractors to develop and implement continuous improvement strategies to improve operational and field service performance.

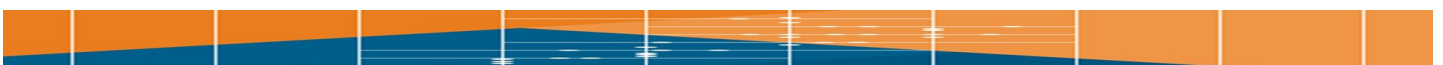
**10.15am | Morning Tea**

**10.30am | Shelley Major**—Managing Director, Major Consulting Group



Shelley is the Managing Director of Major Consulting Group Ltd, a health and safety consultancy that provides assurance and assistance to organisations around the country. She is a Fellow of the Human Resources Institute of NZ and a chartered director with the Institute of Directors, and has sat on the board of both organisations. Over the last eighteen years, she has chaired or been a director of various organisations in New Zealand and Australia, in economic development, education, property valuation, internet-enabled information management and renewable energy.

Shelley has first-hand experience of managing the tension between governance and operational management. Her presentation will give you an understanding of governance responsibilities and good governance practices, and suggest ways in which health and safety professionals might engage with the board.



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#### 11.00am | Juliet Clendon—Technical Advisor, EEA



Juliet joined the EEA as the technical advisor in June 2015. In the short time Juliet has been with the EEA she has been working with the Asset Management Group (AMG) to provide leadership and guidance for effective asset management for the electricity supply industry. The AMG have identified 'Safety in Design' as an area of interest and Juliet assisted a steering group to develop guidance in this area. Previous to joining the EEA Juliet spent 4 years working as a graduate engineer at AECOM. She worked in the Wellington T&D team for 3 years specialising in protection and communication systems. She also spent one year in the Generation team working on a range of hydropower projects. Juliet has a BE(hons) from Canterbury University in Electrical and Electronic Engineering and was a recipient of the EEA, Power System Consulting (PSC) and Energy Education Trust scholarships.

#### 11.30am | Marion Sorez—Industry Analyst, EEA



Marion has been working for the EEA since February 2015. As the EEA Industry Analyst, she provides research and analytical support to the EEA team on strategy and business planning, legislation, health and safety and professional development. Her goal as part of her health and safety work is to develop new data collection tools and analytical reports that will facilitate information sharing and promote ongoing industry engagement with the EEA on safety topics.

Originally from France, she holds a Master's degree in International Public Management from the Paris Institute of Political Studies (Sciences Po Paris), focusing on energy and the environment. Prior to moving to New Zealand, she spent a year and a half working as a Research Officer in Sustainable Development at the Embassy of France in Tokyo, Japan.

#### 12.00 pm | Dim Ramsteign—Sales & Client Relations Manager, Impac Services Ltd.



Leading the commercial delivery of Impac's Training, Risk Manager, Consulting and Contractor Prequalification services, Dim has rubbed shoulders with many of New Zealand's leading companies and their H&S leaders. He has developed a clear understanding of the challenges faced by businesses when needing to balance Health and Safety with daily operational requirements and commercial viability. With the right mix of in-house capability and support from H&S supply specialists, he believes that an optimum model is readily attainable.

Over the prior two years, Dim has worked with the PREQUAL team to improve service delivery, to heighten engagement with clients and contractors, to chair the Client Steering Group and to conduct information forums across the country.

PREQUAL is now well established as the premier independent contractor prequalification service in New Zealand. With over 2,400 contracting companies prequalified across all industry sectors, PREQUAL really is a service that helps meet Health and Safety requirements in an operationally effective and affordable manner for all participants.

Dim will talk about PREQUAL and its place within the Electricity generation, transmission and retailing sectors.

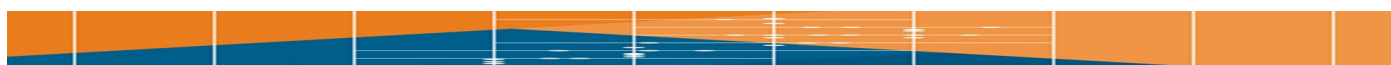
Dim holds university qualifications in Business Management and Communications. He has held senior commercial positions domestically and internationally and has vast experience in delivering services to meet the needs of Government Ministries, Agencies and Departments as well as those for private companies.

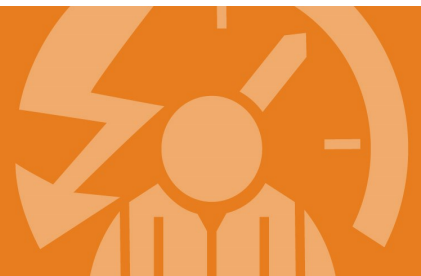
#### 12.20 pm | Lunch

#### 1.15pm | Harvey O'Sullivan—Director, Harvey O'Sullivan Consulting



Harvey is the sole director of Harvey O'Sullivan Consulting Ltd and works as a consultant in workplace compliance and best practice, mainly for the electricity supply industry. Harvey has nearly 30 years experience in the electricity supply industry, including operational and technical office experience in electricity generation, and the last 12 years as a consultant. Harvey is presently the Chair of the EEA Safety Standards & Procedures Group, having been a member of the group for the past 18 years. Harvey is a Mechanical Engineer and also holds a Diploma of Maintenance Management and a Diploma of Business Administration. Harvey is currently a member of the EEA Executive, a Fellow of IPENZ, and represents the EEA on the joint Australia and NZ Standards Committee on Pressure Equipment (ME/1).





## 1.45pm | Panel Session

| **Harvey O'Sullivan**—Director, Harvey O'Sullivan Consulting

| **Ken McCall**—Health, Safety and Environment Manager, Transgrid, Australia

| **Jono Brent**—Chief Executive, Connetics



Jono Brent has been operating within New Zealand's infrastructure industry for the past decade. He has been the Chief Executive of Connetics Ltd since December 2010. Before that Jono was the General Manager – Business Development of City Care Ltd operating throughout New Zealand.

Outside of Connetics, Jono is on the boards of College House (University Hostel) and the Canterbury Rugby Football Union.

| **Peter Morfee**—Principal Technical Advisor, Energy Safety, WorkSafe NZ



Peter has a background in applying electronics to power systems and has been employed in both inspectorate and engineering roles in the mining industry, an area, as he puts it, *of very different risks*.

His time for the last 20 years has been split between addressing complex technical safety issues, reading crystal balls, leading 3 major reviews and reforms of electrical and gas safety legislation, with some involvement in international trade agreement design and negotiation including NZ's FTA with China, where he has introduced an increasing focus on Regulatory Compliance enhancement.

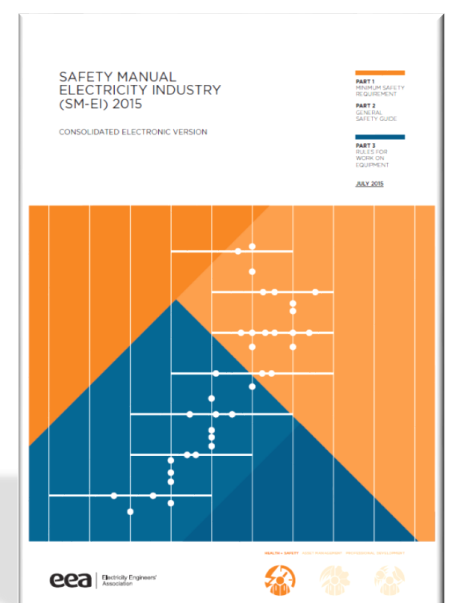
Peter was involved with a regulatory oversight of most of the "Think Big" projects which were built to the Hazardous area rules of their "owners' jurisdictions" using the performance based Regulatory regime of those times. He now calls his role: "Regulatory Engineering".

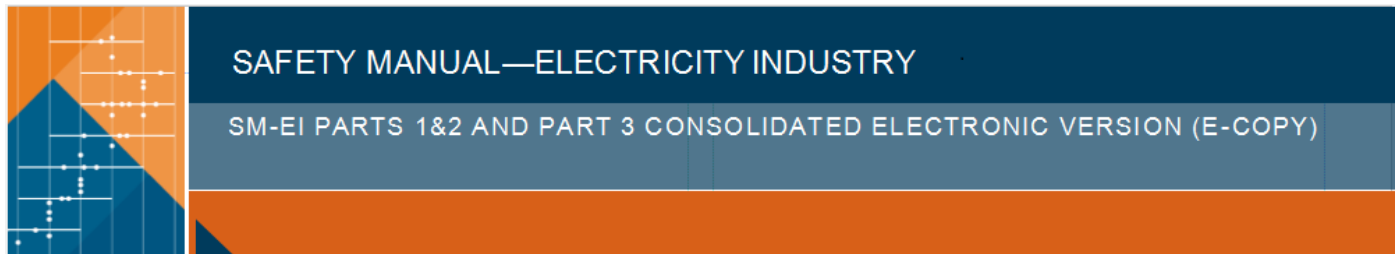
Since 2009, Peter has been engaged on a number of Regulatory reviews that have seen the introduction of explicitly risk based Regulations for both gas and electrical safety where the intensity of regulatory interventions are varied to offset differing risks. His predictive risk model for regulating electrical equipment safety, which is applied in NZ, also underpins the systems being introduced in Australia and the ASEAN community. Peter served as a working group chair that developed and administered an APEC MRA for Electrical and Electronic products. Peter is currently a member of the UNECE Group of Experts on Risk Management in Regulatory Systems. His current Regulatory interests include; Electric Vehicles, home medical treatment, the safety of Drones, the use of flammable refrigerants, distributed generation, and the safety of Hydrogen as a fuel gas.

| **Bob Taylor**—President, EEA and Convenor, National Committee for Live Work

3.15pm | **Day 2—Closing remarks by Peter Berry**—Executive Director, EEA

## Electronic SM-EI





Safety Manual-Electricity Industry (SM-EI) Parts 1&2 and Part 3 Consolidated Electronic Version (E-Copy) is available to EEA Corporate Members.

### Electronic Version of SM-EI - A Sustainable Option

To reflect the growing use of electronic tablets by field staff and increasing use of SM-EI by ESI company staff responsible for design, planning and field operations, the EEA has produced a consolidated electronic version (E-Copy) of the Safety Manual - Electricity Industry Parts 1, 2 and 3.

The SM-EI E-Copy can be uploaded onto a company's intranet and individual tablets. It makes SM-EI accessible to all staff, is searchable and also provides electronic access to other key EEA guides that support the safety processes and outcomes in SM-EI.

Having SM-EI available in electronic format also means any amendments agreed by industry can be quickly made by the SSPG and the new version of SM-EI E-Copy made available to subscribing companies. The latest SM-EI E-Copy version already includes the recent amendment notified to all SM-EI users.

The EEA is charging an annual subscription for SM-EI E-Copy. The revenue from the SM-EI and other Health & Safety Guide subscriptions and sales - including the E-Copy, are an important part of providing funds to enable and support EEA's pan industry work on safety and health.

Given we are part way through the 2016/17 financial year EEA has reviewed their SM-EI E-Copy charging regime. The annual subscription framework recognises companies EEA Corporate Membership; the number of paper copies of SM-EI purchased in 2015/16 when the new SM-EI was published and total staff numbers of each company. Please note the SM-EI E-Copy Licence is only available to EEA [Corporate Members](#).

For the remainder of the financial year the annual subscription has been reduced accordingly.

If you are interested in using SM-EI E-Copy please contact the EEA on [admin@eea.co.nz](mailto:admin@eea.co.nz) with 'SM-EI E-Copy' in the subject line or submit the registration of interest form found below.

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### Electronic SM-EI

