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# EEA Conference Update

October 2023



## StayLive review

- Following our annual GM's meeting Nov 2022 it was agreed to get an independent review of StayLive
- Review conducted Dec 2022 – February 2023 and presented March StayLive meeting

FROM (current state described by members)	TO (future state based on members input)
An operational and calculative approach to safe work, focused on procedures & training	A balance between strategic focuses and delivery of tactical initiatives.
Initiatives taking a long time to be delivered and a lot of effort.	A different way of working where delivery is focused and transparent
Some of us but not all of us buy into the initiatives	A clear strategy, workplan and roadmap are endorsed by all
GMs being unclear on their role and disconnected to SL.	GMs are champions of SL and help remove roadblocks, recognising the contribution their people are making
Lack of clarity on the cost of SL	An organisation which measures value – both in what's being delivered and also the cost to deliver.
A focus on safe work	A focus on the safety of people – including their health & wellbeing
Communication and engagement being a low priority	How we connect and take people on the SL strategy and roadmap is central to how we operate
A bunch of volunteers	A purposeful group who can access the right resources to deliver value

# We've been busy reimagining StayLive



With help from Uplift



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# Our Purpose



**Our Purpose:**  
Powering generations; working together to keep everyone safe and well.

**Our Vision:**  
Everyone comes to work well and goes home safe. Our industry builds careers, families and communities that will thrive for generations.

**Our Mission:**  
Leverage our industry wide expertise to bring attention to and deliver projects that impact the safety and wellbeing of everyone in the industry.

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## Industry challenges



- Doubling generation capacity over the next 10 years
- The great retirement – loss of institutional knowledge
- Skill shortages
- Construction capacity
- Charging infrastructure

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## StayLive Working Groups

Mercury 

 contact.

 genesis

 Meridian.

 MANAWA ENERGY

 MB Century

 TRANSPower

 HUTEC  
HEALTH & SAFETY GROUP

 TOP ENERGY  
Te Puna Hihiko

 nova  
energy

 eea  
Electricity Engineers' Association

 Pioneer  
energy

 Eastland  
Generation

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# StayLive Competency Tool Working Group



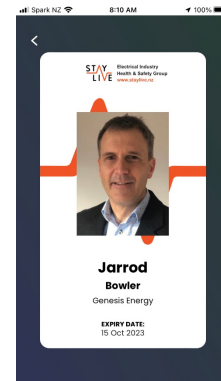
## Onboarding



Organisation	Last Member Count
Contact Energy	382
Genesis Energy	255
Meridian Energy	229
Individual Member	195
Electrix Ltd	54
POU Limited	43
Vertical Horizonz	48
Nova Energy	36
MB Century	32
Falcon Electrical LTD	20
Progen	13
Energetick	8
Manawa Energy	6
Empowered Technical Services	6
Mercury	5
Pioneer Energy	2
Maintainer	1
Brownfield	1
Avalon Industrial Services	1
RegenerateNZ Ltd	1
Stantec	1
Wood Training	1
Discovery Marine Ltd	1
Edison Group	1
Unicus	1
Air Quality NZ LTD	1
Scheme Services	1
Otis Elevator Company	0
Pringle Beleski and Associates Limited	1

**Developed:**

- Onboarding packs
- How to videos
- Tool for bulk-uploading of records
- API Integration



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# Opportunity

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- System will enable us to streamline training processes with our contractors
- Opens up the opportunity for StayLive to standardise industry training
- Allows us the opportunity to move to competency based assessment and recognition

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## Industry Induction Working Group

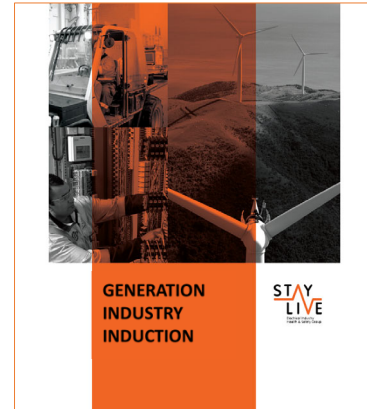
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## The Opportunity



Staylive companies currently have a variety of induction modules, often with very similar content and learning outcomes. There is an opportunity to extract common induction requirements for the industry into a single module.



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## Outcomes and Benefits



Key Outcome - an industry-wide induction that provides essential, common knowledge to employees and contractors.

Benefits

- A layered approach to induction, with the right content delivered at the right time in the right way.
- Reduced duplication of effort (especially for contractors); multiple, similar modules replaced by one single module.
- Provide a cohesive introduction to the industry
- Ensure safety-critical information is provided in the most effective, efficient manner

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# Progress




Generation Industry Induction

4 of 8

Safe work practice

STAY LIVE

Working in situations with increased risk



Some types of work and work locations are more hazardous and have an increased risk of personal harm. There may also be greater potential for damage to equipment or the environment. Additional training and accreditation is needed for people who work in situations where the risk is greater.

Induction package has been completed and is out for final review.

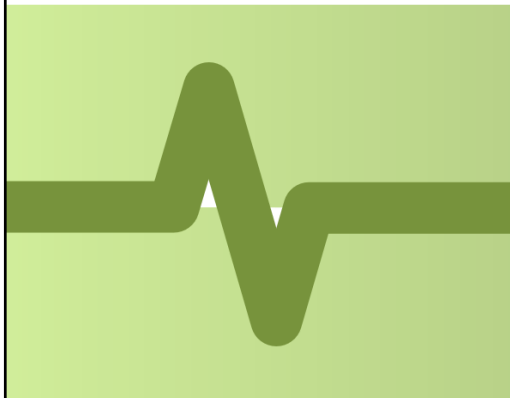
## Work Control Procedures



Access Permit

2022

# Work Control Procedures Working Group (WCPWG)



## WCPWG Purpose



Achieve consistent interpretation and application of the Safety Manual – Electricity Industry (SM-EI) rules through the development and maintenance of Work Control Procedures for the purpose of enabling safe and efficient mobility of personnel across the industry.

## Current Activities



- Refresh of the StayLive Work Control Procedures
  - Generation Procedures Group document integration into Work Control Procedures (complete)
  - Standardisation of Work Control Systems (complete)
  - Refresh of workflows, templates, glossary (complete)which enables:
- Work Control Procedures Competency Solution



## Competency Solution for Work Control Procedures



An industry-wide, strategic approach to work control procedures competency that's standardised and ensures consistent application of the WCP system from work party member to permit issuer. A transparent, straightforward way to access learning records that dovetails into the competency tool.

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## Competency Solution



- Virtual experience
- Scenario-based learning with feedback.
- Access to information as required.
- Ongoing performance support.
- Recertification (VOC) – confirm current capability against original objectives.
- Ongoing quiz over a period of time.



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## Competency Solution



Module examples:

1. Be a work party member & general work supervisor [PILOT]
2. Receive a work authority
3. Receive an access permit & receive a test permit
4. Issue a work authority
5. Issue an AP & issue a TP
6. Carry out an audit/review of a WCP

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## Competency Solution: Technical knowledge



### Module 1 - Be a work party member and general work supervisor

- Demonstrate understanding of the different types of work controls and when they are appropriate (general work; work authority; permits etc.).
- Demonstrate understanding of work party responsibilities (sign-on/sign-off WA/permits; daily sign-off requirements; managing safe working practices etc.).
- Demonstrate understanding of the types of activities that may be carried out under general work.
- Recognise and explain the use of other locks, tags and lockboxes on site (issuer applied safety measures and others).

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## Competency Solution (behavioural facet)



- Your role is important.
- Speak up.
- Questioning is encouraged, reference rules as required.
- Take pride.
- Take care.
- Keep the workplace safe at all times.
- Stop & think.
- You're the eyes and the ears be present and aware.

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## Process Safety Working Group



# Process Safety Working Group-Highlights

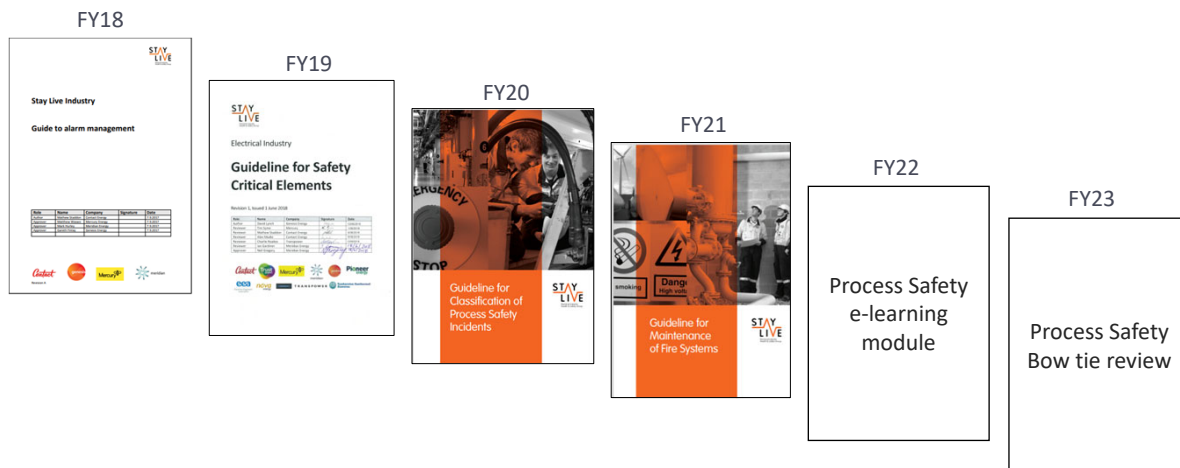


- Shared Learnings
  - Each meeting Process Safety events are discussed, and lessons passed on
  - These Learning are added to the EEA Knowledge Network
- Process Safety Peer Reviewed of Event Tier Reporting
  - Ensures consistency in reporting across the operators and to WorkSafe
  - By using API 754 standard for tier reporting, ensures a common benchmarking of Process Safety events among operators
- Shane Minty (Origin Energy) has connected to the group and is passing on information from other likeminded groups from Australia eg ICHEME Safety Council Advisory Board and/or the Australia Power Generators Process Safety Working group
- The team has recently published the process safety e-learning module and updated two StayLive docs updated, the “Guideline for Classification of Process Safety Incidents” and “Guideline for Maintenance of Fire Systems”

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# Process Safety Publications



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Over to you

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## Questions, Feedback, Reflections

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# THANK YOU



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