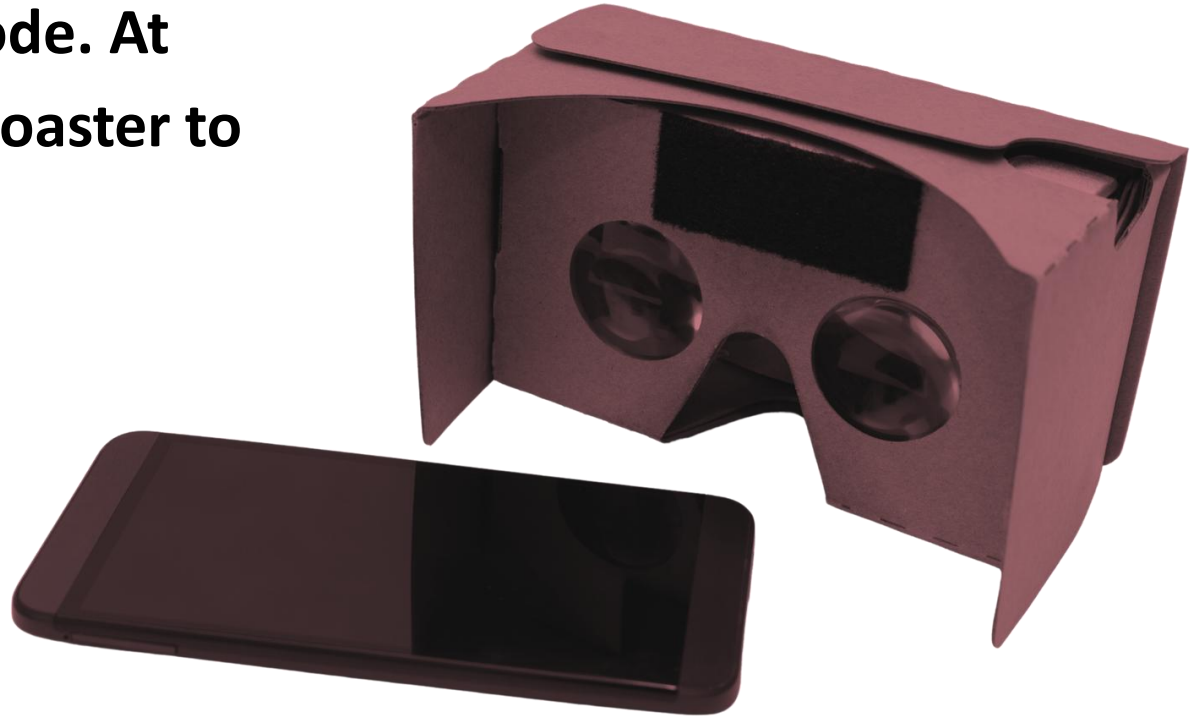
Have a go!

- **Grab the VR headset and scan the QR code. At the bottom of the page there is a rollercoaster to try**



OR come and test the real headsets.

Vocational Education and Training

VET Reform – Moving to ISB's

- Government has announced a move to an independent, industry-led model (Option B)
- TEC currently consulting on coverage of Industry Skills Boards (ISBs)
- ISBs not permanent – two years from 1 Jan 2026 to manage apprentices and trainees currently enrolled with work-based learning divisions in Te Pūkenga
- ISBs will take over training agreements, support on-job learning, and be responsible for arranging assessment
- Continuity and time for new work-based providers and programmes to be in place by 1 Jan 2028
- Infrastructure ISB included as an option

VET Reform – Moving to ISB's

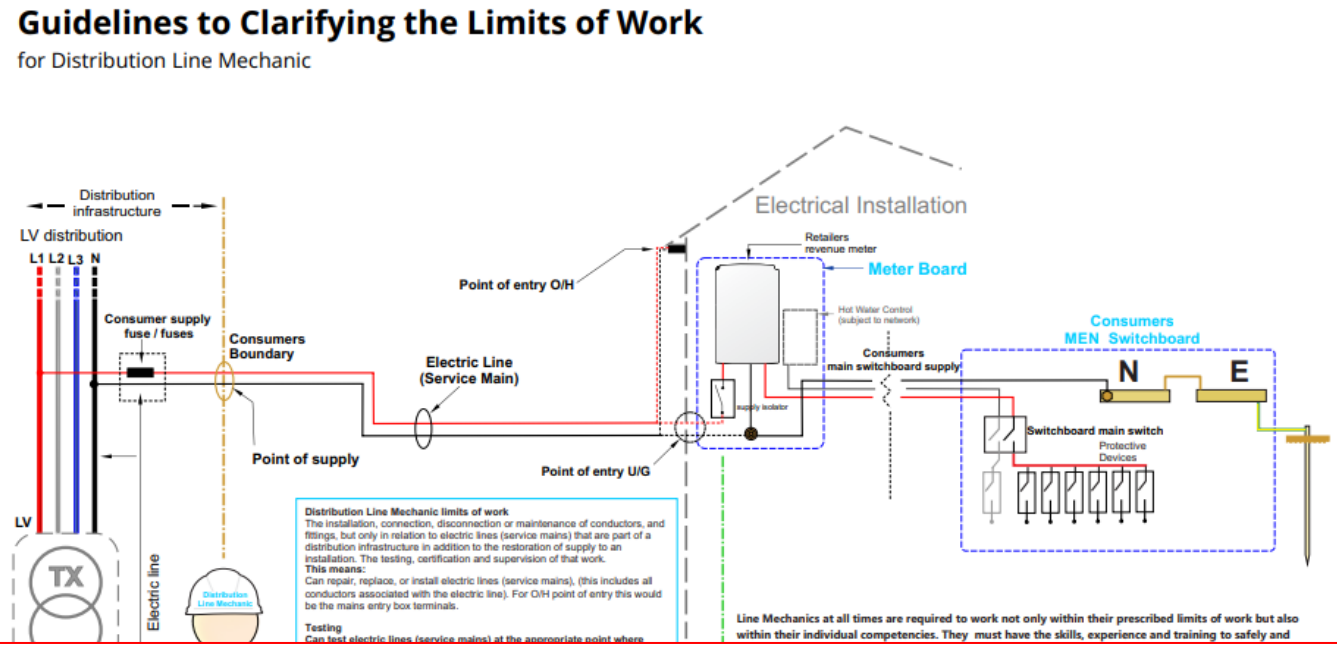
- Electricity representation on the infrastructure ISB and the proposed Establishment Advisory Group for Industry Skills Boards is essential to give us a voice and a vote.
- EEA focused on supporting our workforce with the technical training and education they need now and in the future - having a say matters
- How would you like to see the electricity sector involved and what an infrastructure ISB would mean for the future of our sector?
- Do you see any risks/alarm bells with the Government's proposal?

Electrical Workers Registration Board

SAFETY | COMPETENCY | COMPLIANCE

2024 – Changes

- Distribution Line Mechanic



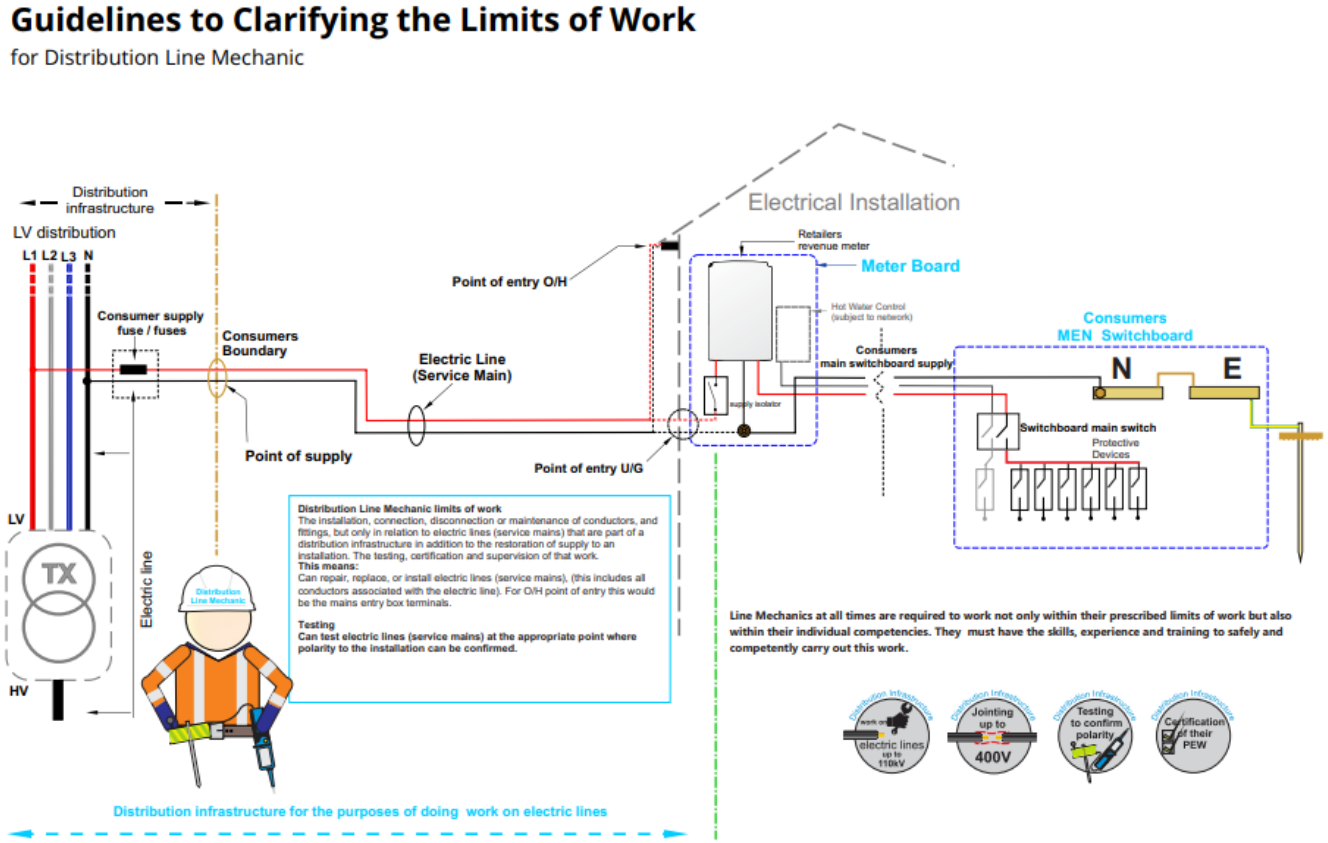
Line Mechanics at all times are required to work not only within their prescribed limits of work but also within their individual competencies. They must have the skills, experience and training to safely and competently carry out this work.

Electrical Workers Registration Board

SAFETY | COMPETENCY | COMPLIANCE

2024 – Changes

- Distribution Line Mechanic
- Electrical Inspector
- Electrical Engineer



Electrical Workers Registration Board

SAFETY | COMPETENCY | COMPLIANCE

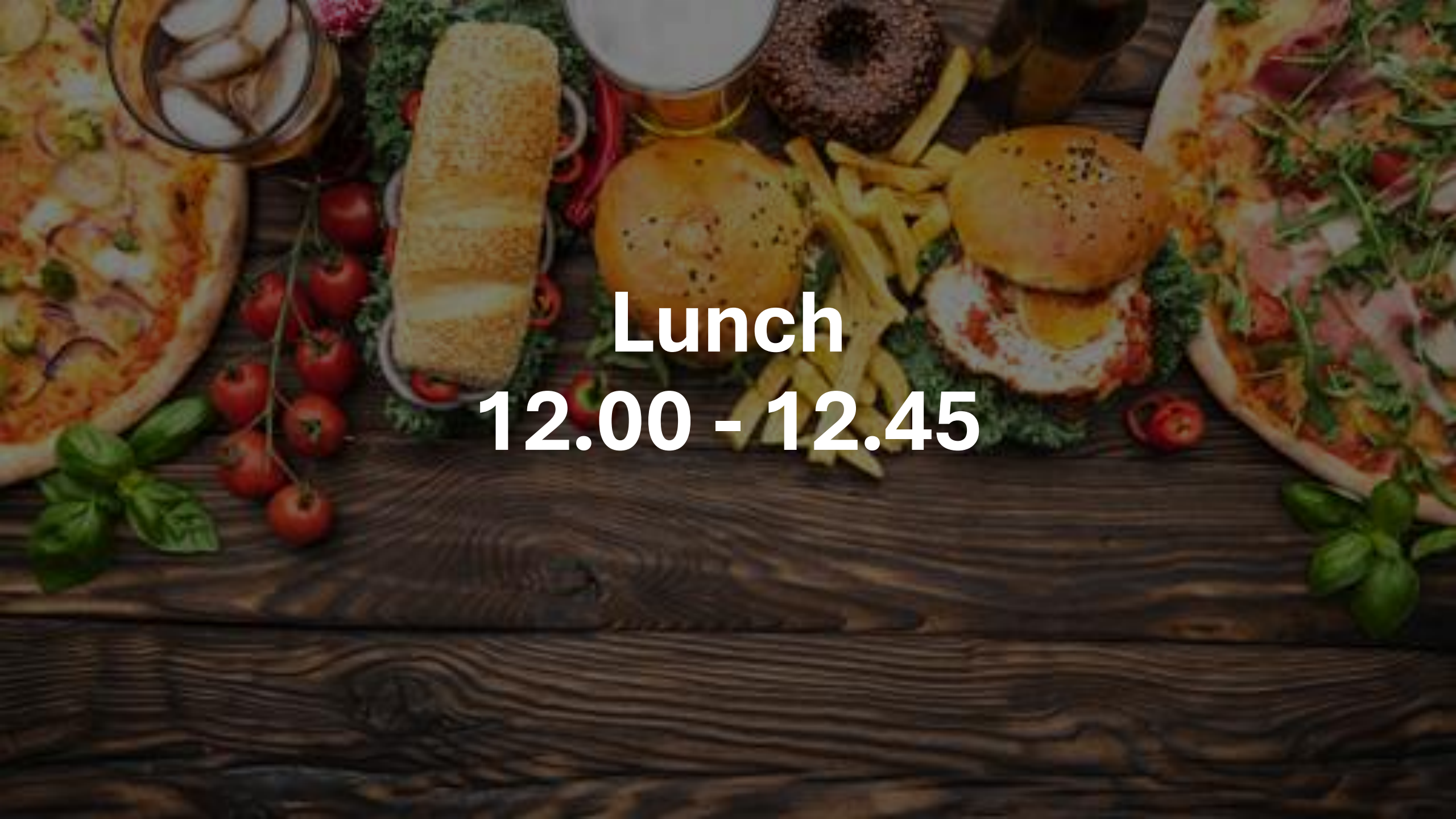
2025 – Changes

- Mains parallel generation systems
- Medical cardiac protected areas
- Hazardous areas
- Mining Operations
- Supervise 3 or more people (except Electrical Inspectors)

Karakia mō te kai

Whakapainga ēnei kai	Bless these foods
Hei orange mō te tinana	For the goodness of our bodies
Mō ō māou wairua	And for our spirits
Hoki	As well
Amine	Amen

- MAORI PRAYER BEFORE MEALS "KARAKIA" #auckland #newzealand#prayerbeforemeals #food


Lunch
12.00 - 12.45

2025 Update

Common Competency Framework (CCF)

Purpose

- The (CCF) sets the minimum levels of knowledge, skills, and experience
- The purpose of this framework is to reduce risk to workers and the public
- A common set of competencies is more efficient and cost-effective when workers and contractors are moving between businesses
- Increasingly important in emergency situations
- Developed in 2018
- Maintained and updated regularly

Principles

1. Common
2. Usable
3. Transportable
4. Auditable
5. Updatable

Governance Group

- The purpose of the GG is to ensure that the CCF remains effective throughout its lifetime
- Provides oversight over its management (including administration, review, and improvement) and ensures that the management of the CCF is consistent with the agreed principles
- Independent Chair – Ken Stirling
- Representation from:
  - ENA, EEA, PowerNet, WEL Networks, Horizon Energy, Powerco, Scanpower, Connetics, Lines & Cables, and a Consultant

User Working Group

- A body established to represent all participating and prospective organisations and ensure the relevancy of the CCF over time
- Review the CCF and recommend amendments to the Governance Group
- Chair – Mark Keller, WEL Networks
- Representation from:
    - Firstlight Network (Clarus), Horizon Energy, Northpower, Powerco, Scanpower, The Lines Company, Top Energy, Aurora Energy, Delta, EA Networks, MainPower, Marlborough Lines, Network Waitaki, PowerNet, Westpower – Electronet, Waihanga Ara Rau, Connexis and EEA

Revisions

- Version 1.7
- Update to 2. Minor Works Management (Including Live Low Voltage Permit Recipient & Permit Issuer)
- Update to 4. Vegetation (Ground Worker, Climber, Sprayer & changes to Felling)
- Review of 6. Overhead Works
- Review of 7. Underground Works
- Update to 8. Switching (Including Low Voltage switching & bonding)
- Update to 10. High Voltage Supply Electrician (Inspection, Maintenance, Construction & Commissioning)

Knowledge and Skills

- Unit (skill) standards and subsequent standards or demonstrate equivalent knowledge and skills.


8AEP - LV Switching Operator


8BEP - Overhead Level 1 (Basic)


8BQP - Overhead Level 1 (Basic)


8CEP - Overhead Level 2


6AQP - Overhead Low Voltage De-energised Works


6BEP - Overhead LV Live Working


6CEP - High Voltage De-energised 11kV to 33kV


6DEP - High Voltage De-energised 33kV and Over


7AEP - Cable Laying


7AQP - Cable Laying


7BEP - Cable Location


7BQP - Cable Location

Knowledge and Skills

- Clear alignment to the framework must be proven

ON-SITE OBSERVATION ASSESSMENT

8B	**Overhead Level 1 Switching Operator**

Purpose	Operate manually operated air break switches, dropouts, links and application of portable earths in the electricity supply industry.

Activity:	Date:
Employee:	Years of experience:
Assessor:	

On-site Observation Assessment is to be completed when a worker has been trained and has undergone sufficient experience in the discipline (under supervision) that demonstrates to the employer that the worker is competent to undertake of carry out the activity.

Outcomes and Performance Criteria

Outcome 1
Demonstrate knowledge of air break switches, dropouts and links commonly used in electricity supply systems.

Performance Criteria

1. Switchgear types used in electricity supply networks are described in terms of air break, expulsion fuses, links, circuit breakers (oil, SF6, vacuum), fuse switches, isolators, and fuses.	☐
2. The purpose of switching on the electricity network is described in terms of isolation, disconnection, transfer of load, fault finding, earthing, testing, and parallels.	☐
3. Understands all safe work procedures relating to air break switches, dropouts and links. SWP-0088 Working with horizontal ABS frames SWP-0271 High Voltage Switching Pole Top Devices SWP-0272 EDO (expulsion fuse) operation	☐
4. The switchgear numbering system is described for air break switches, dropouts and links.	☐

Outcome 2
Identify and communicate switchgear status.

Performance Criteria

1. Air break switches correctly identified.	☐
2. Dropout and Links correctly identified.	☐
3. Earthing procedures correctly identified.	☐

Outcome 3
Operate electrical switchgear.

Performance Criteria

1. Manually operated air break switches, dropouts and links operation is carried out in accordance with industry safety rules, company procedures, and ensuring that security of supply is maintained.	☐
2. Switching sequences to operate equipment are carried out in accordance with SYSCON.	☐

Outcome 4
Test and apply portable earths.

Performance Criteria

1. Can demonstrate testing to prove de-energised using the prove-test-prove method.	☐
2. Application of portable earths is carried out in accordance with industry safety rules, company procedures.	☐
3. Can explain the difference between issuer and recipient applied earths and the requirements for each.	☐
4. Can explain the operational restrictions for spider earths. SWP-0166 Methodology for safe use of spider earths	☐
5. WEL Safety Alert - Rusted bolts in fused ABS frames March 2019 can be accessed via the following link: https://welecm.welnet.co.nz/otcs/llisapi.dll/Overview/8908601	☐

On-Site Assessment Evaluation

Assessor to provide specific comments on task observed

Tick applicable box when complete

☐ **Competent**
Update competency management system

☐ **Not Yet Competent**
Assess results and determine if more practice, experience and on job training is required
Notify supervisor and rebook on-site observation assessment for employee

Supporting Evidence

At least one of the following pieces of evidence must be provided to support this on-site observation assessment:

☐ Safe Job Start

☐ Photograph of employee undertaking activity

Assessor name:	Signature:	Date:

Get in touch

- https://www.ena.org.nz/our-work/resources/ccf
- If you have any questions, concerns, or good ideas about the CFF, please email: ccf@electricity.org.nz
- Mark Keller
  mark.keller@wel.co.nz

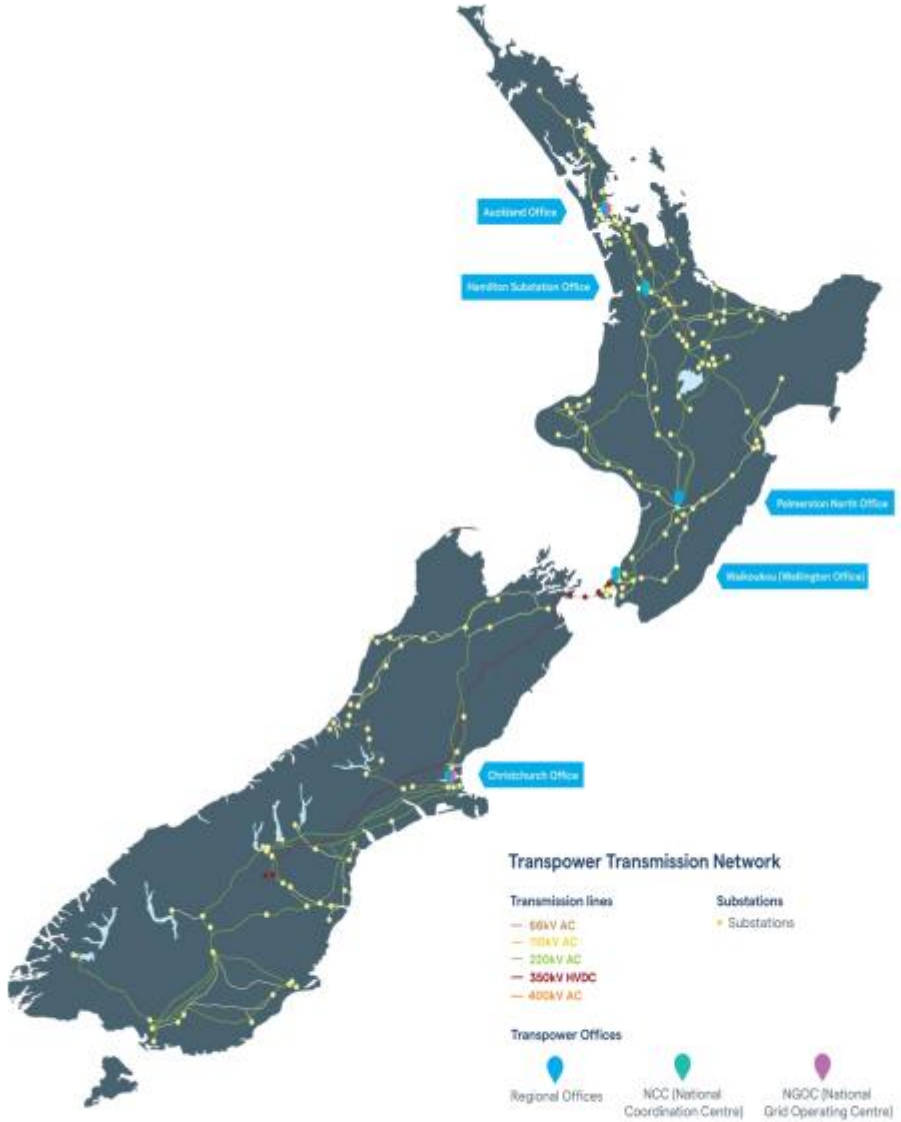
TRANSPOWER

Sustaining the Backbone: The role of Grid Skills and Operational Training in the Transmission Sector

6 May 2025

Transpower - Who we are

- Owner and operator of New Zealand's national electricity transmission system
- We provide the infrastructure and market system that connects electricity generators to major electricity users and the distribution network
- Over $5 billion in assets positioned across some 30,000 properties
- 174 substations, 25,000 transmission towers and more than 11,000 kilometres of lines
- Operate the electricity market system in real time
- Offices in Wellington, Auckland, Hamilton and Christchurch
- Around 1000 staff



History of training

Training function – Grid Skills and Operational Training

The role of the Sector Workforce Development Group

The Transpower Sector Workforce Development Group, comprises of Grid Skills (PTE) and Technical Training (internal).

The group designs and delivers trades training and technical training for the electricity transmission sector. The Group supports Transpower and the New Zealand transmission sector to attract, train and retain more skilled workers.

Products and services

The Group provides a broad range of products and services to learners and stakeholders. Learners include:

- **Transpower employees**
- the **Service Provider** field workforce and subcontractors.

As a registered Private Training Establishment, we must support the diverse needs and backgrounds of all learners and be ready to respond to changing workforce demographics.

Technical Training
(Internal)

- Training courses, programmes, and resources for critical operational areas and projects
- Support of simulator training for Operations Control Centres
- Business as usual technical training

Grid Skills
(Trades)

- Training courses and programmes for field workers, some of which lead to NZQA-accredited qualifications
- Compliance training for people who enter Transpower restricted areas to work on Transpower assets

Workforce Activation
(Transpower and Sector)

- Initiatives to support workforce growth for Transpower and the sector
- Stakeholder and sector engagement

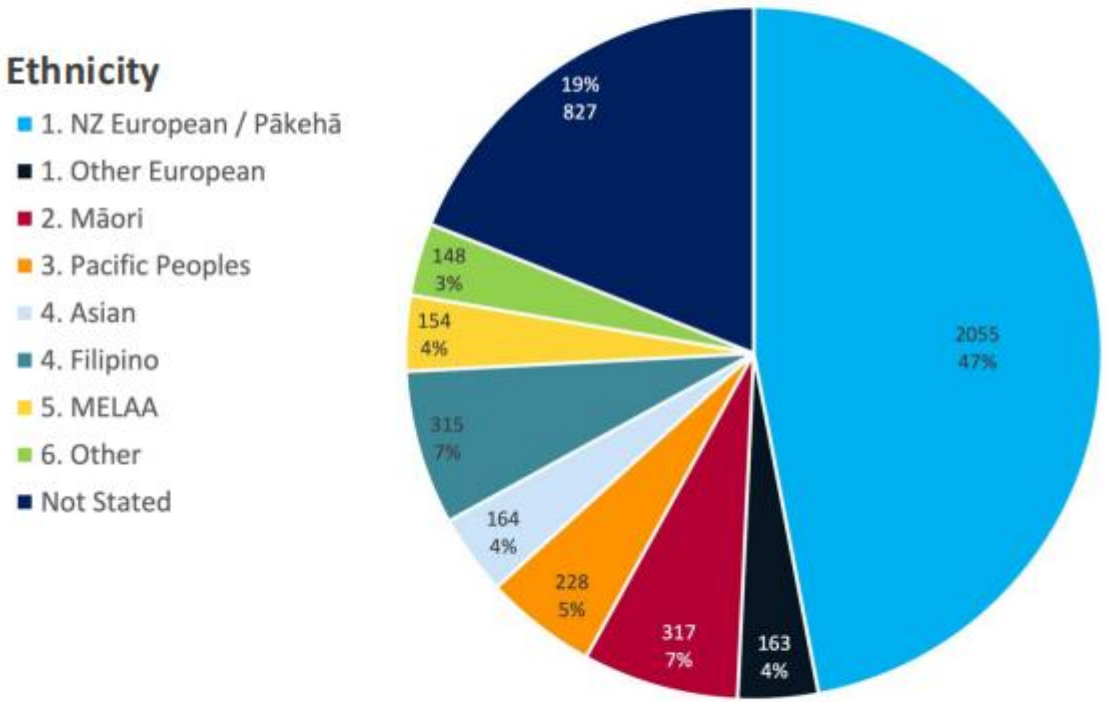
- Training advice and consultancy
- Training needs analyses, strategies and plans
- Learning experience design
- Programme development
- Learning systems
- Assessment and moderation
- Evaluation, data, analytics and insights
- Quality assurance and compliance of training
- Training delivery and coaching
- Training centres and equipment
- Maintaining training simulators

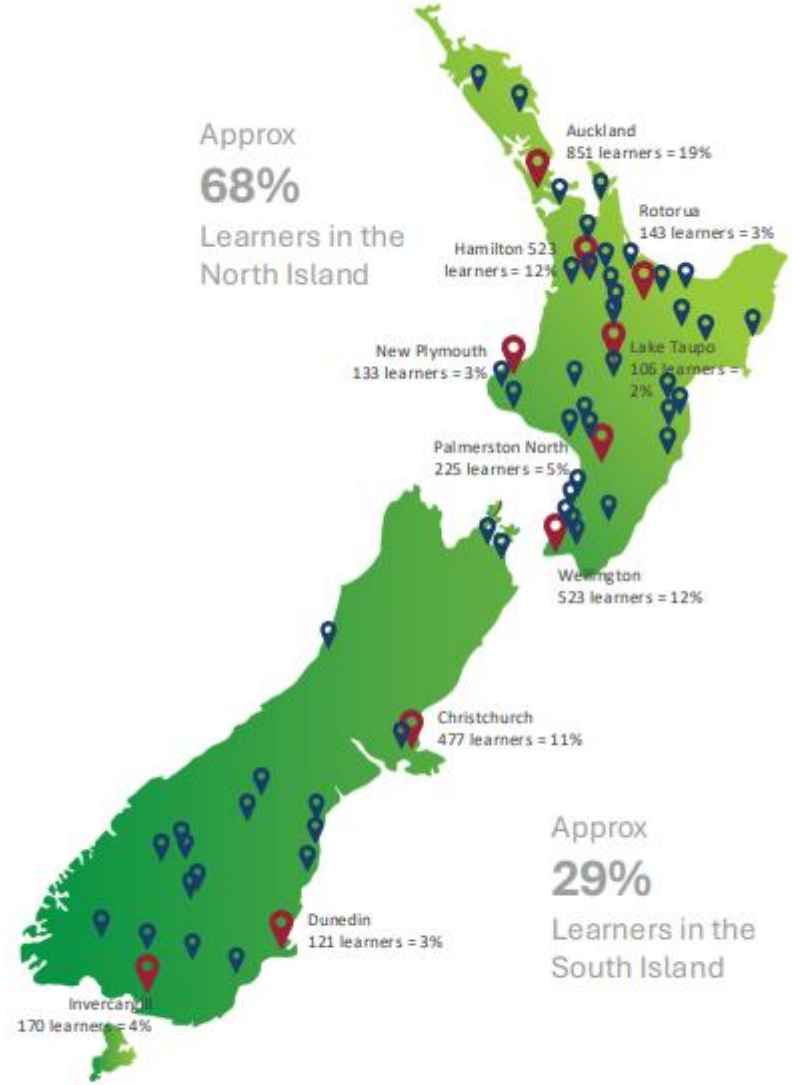
Our Why: Safety of People, Supply & Assets

Our Trades learners – Grid Skills

Grid Skills active learners

Grid Skills Active learners or currently progressing through training curriculum and location.





__Note__ - these demographics are representative of the time of learner registration (This data is based on the past 2.5 years (July 2022 – January 2025)).
Map Key: __Red__ = Areas with a higher concentration of learners (100+ learners). __Blue__ = Areas with a smaller number of learners.

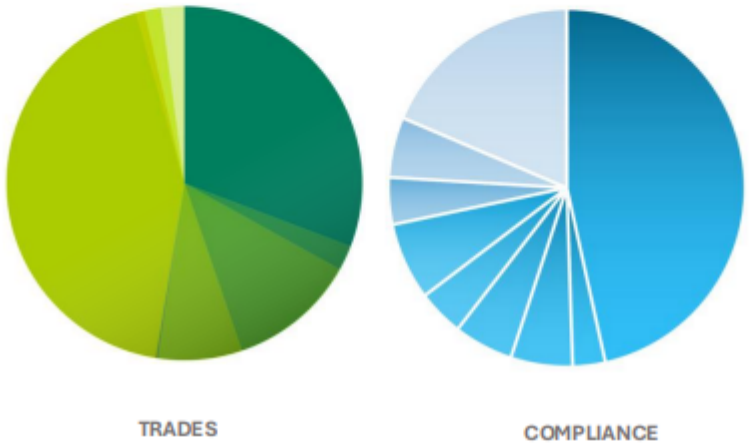
GRID SKILLS SNAPSHOT

2024 CALENDAR YEAR

2087
Total number of Grid Skills learners

8.7%
Grid Skills Learners **under** 25

Ethnicity	TRADES Number	%	COMPLIANCE Number	%
1. NZ European / Pākehā	161	31%	1118	47%
1. Other European	12	2%	71	3%
2. Māori	61	12%	135	6%
3. Pacific Peoples	40	8%	130	5%
4. Asian	1	0%	101	4%
4. Filipino	225	43%	168	7%
5. MELAA	4	1%	102	4%
6. Other	8	2%	131	5%
Multiple	0	0%	0	0%
Not Stated	11	2%	447	19%
Not Stated %	2%	523	19%	2403



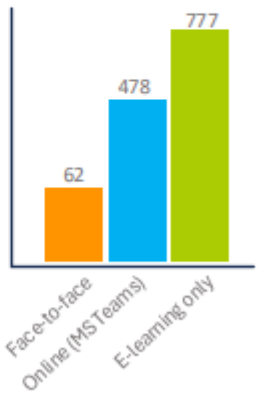
TRAINING SNAPSHOT

410
Compliance training sessions delivered

117
Trades training sessions delivered

68 NZQA qualifications awarded

SESSIONS HELD



ELECTRICITY SUPPLY WORKFORCE SNAPSHOT

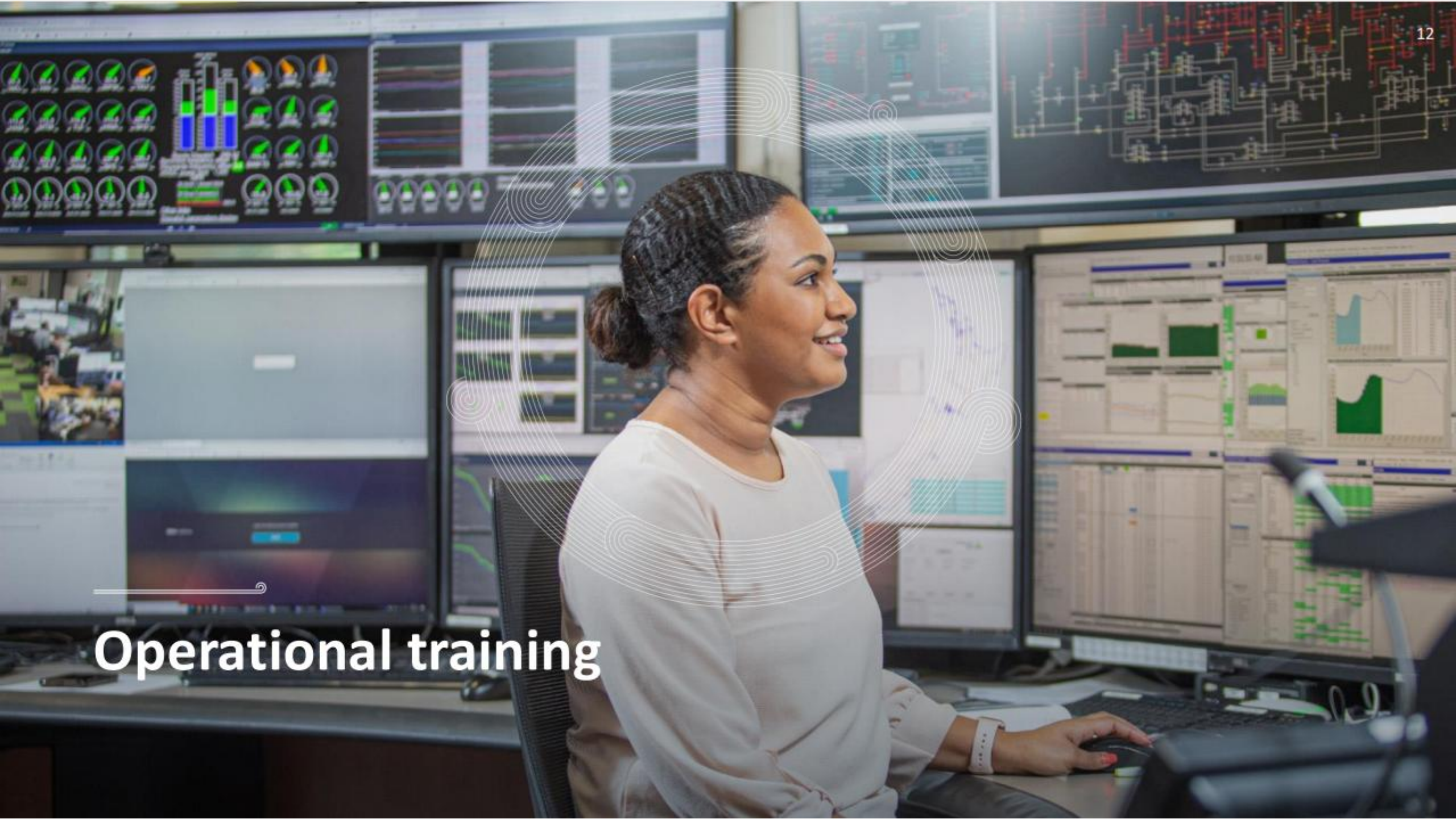
90% Male
10% Female
25% Over 55 higher than the average of the total economy
Approx 15%
in Auckland, with a large proportion of the workforce
in Northland, Waikato, Taranaki, and Manawatu
Workers report long working hours and lack of flexibility

TRAINER NUMBERS

15 Trades trainers

Delivery

Compliance Training	Substation Training	Line Mechanic Training
Substation Entry Level 1 & 2	Connected Party Operator	Tower structure Maintainer
Work Management	Maintenance Switcher	Transmission Lines Core 1 & 2
Permit Recipient	Field Operator	Transmission Line Mechanic 1 & 2
Lines and Structures Fundamentals	Power Technician Fundamentals	Permit Recipient Lines
	Power Technician Relays	Condition Assessor
	Power Technician DC Systems	Patrols
	Power Technician Instrument Transformers	Foundation Refurbishment
	Power Technician HV Insulation	Live Line Mechanic 1 & 2
	SF6 Test and Top-up	Emergency Restoration Structures Year 1, 2, 3, 4
	SF6 Degas to transport Pressure	Live Lines 1 & 2
	SF6 Approved Filler Refresher	Vegetation Controller
	Substation Maintainer Core 1, 2 & 3	Earth Potential Rise
	Substation Transformers	
	Substation Disconnectors	
	Cable Jointers *(not Grid Skills affiliated training)*	



Operational training

TECHNICAL & OPERATIONAL TRAINING SNAPSHOT

2024 CALENDAR YEAR

TRAINER NUMBERS

3 (1 NCC trainer, 2 NGOC trainers)

1 TTSE (training simulator) specialist

NGOC AND NCC

58 Learners attended an NCC or NGOC Team Training session (33 sessions held)

6 New NCC New Start learner registrations

9 New NGOC New Start learner registrations

TRAINING SNAPSHOT

598 Transpower learners accessed online training provided by Technical Training

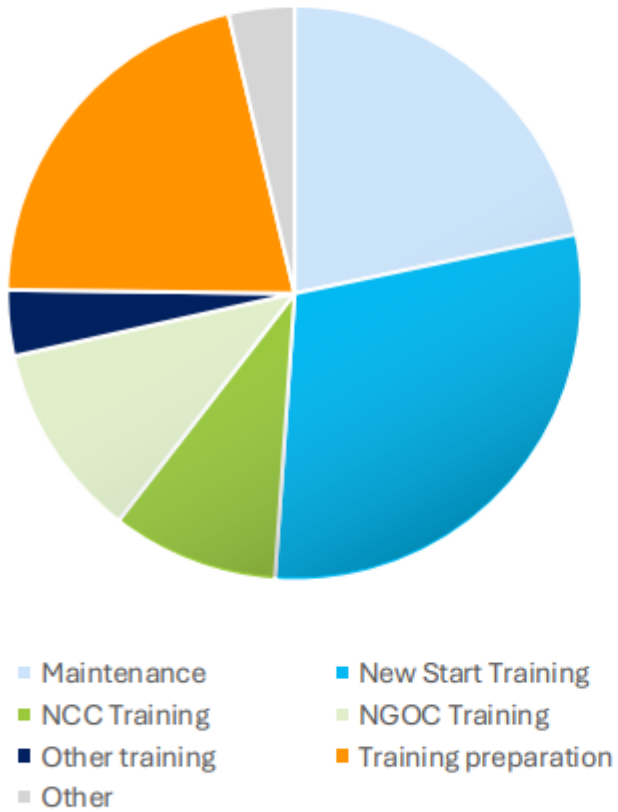
121 Transpower learners attended a Technical Training Session (eg. Team Training, PMP)

632 Transpower learners attended either online or session training, or both

106 Transpower enrolments in Grid Skills compliance curriculums

48 Transpower staff enrolled in Technical Training curriculums

SIMULATOR UTILISATION

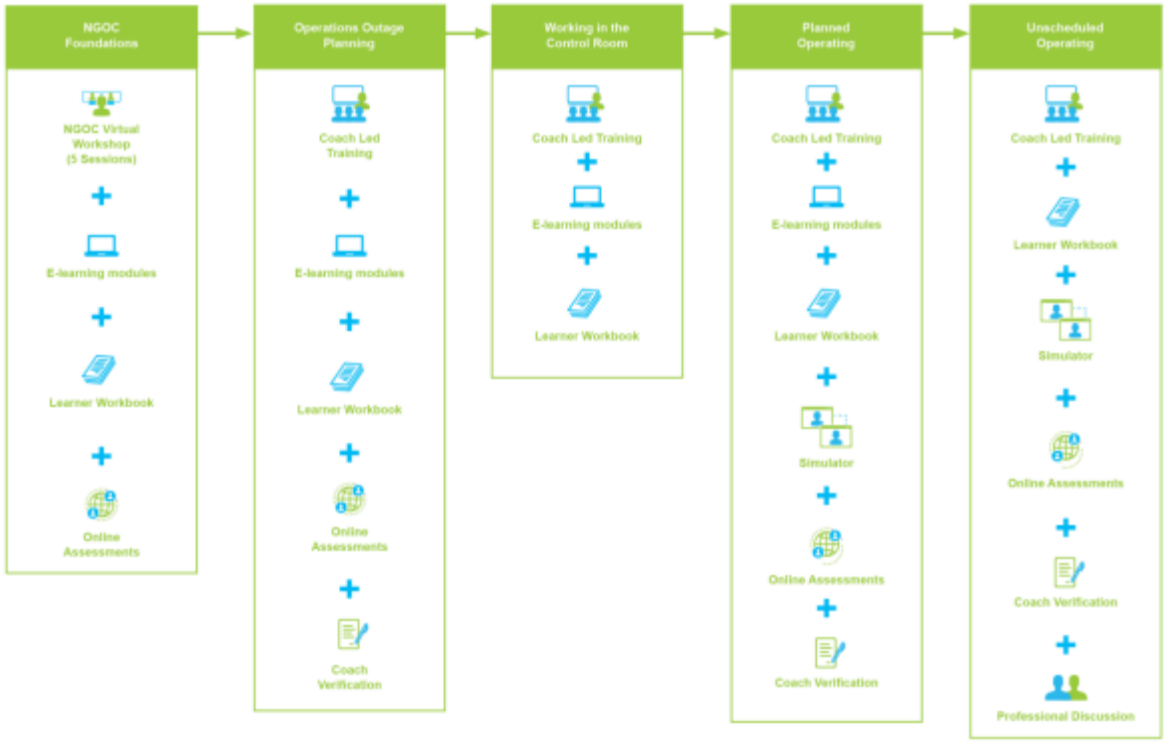


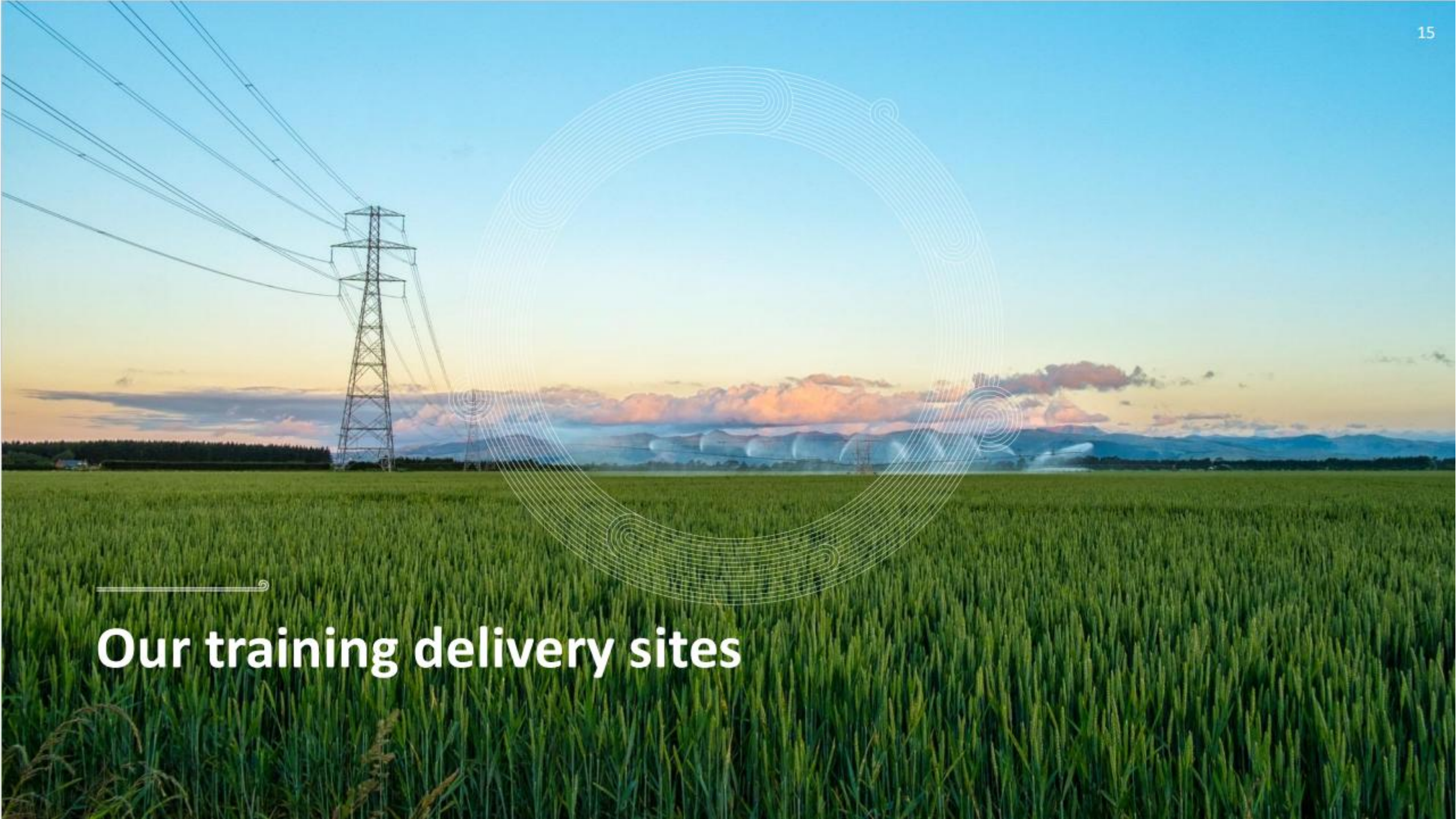
Delivery

Team training

- NGOC – 9 monthly cycle
- NCC – 6 monthly cycle

NGOC New Start Training Pathway



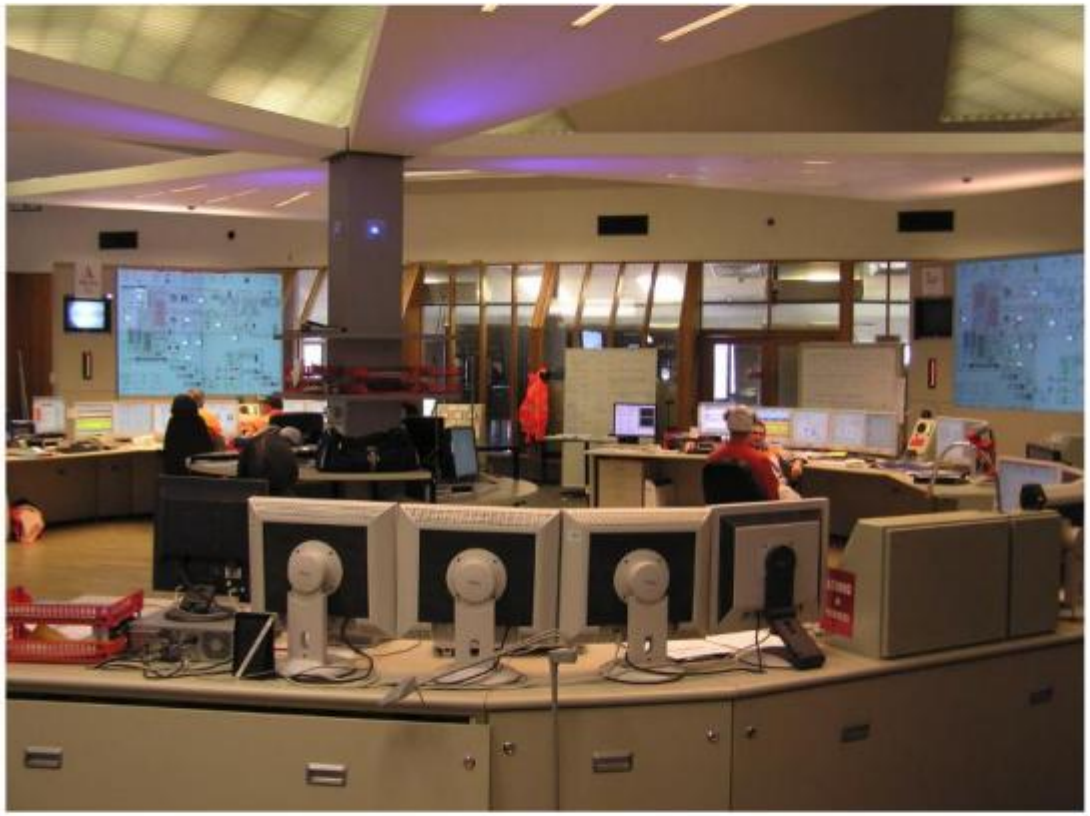


Our training delivery sites

Omaka training facility

Bunnythorpe training facility

Huntly training facility



Our trainers

Our trainers

Grid Skills training use experts from the industry who train via online webinars and face to face block courses.

Operational Training adopts a facilitative and coaching approach to training using SMEs, trainers and simulation.

Future thinking

Projected RCP4 uplift

Delivering on the projected uplift for RCP4 will require a substantial increase in staffing and resources to support the expanded work programme across both Transpower and our Service Providers. Achieving this will demand a significant shift in workforce capacity and capability, including recruitment in a highly competitive market for skilled professionals.

Key workforce and training considerations include:

- Investment in Transpower's training infrastructure to accommodate a greater volume of trainees
- Implementation of a workforce activation plan and the Sector Workforce Development Group
- Strategies to attract and retain a diverse workforce
- Adoption of flexible and responsive training delivery methods
- Recognition of prior learning and relevant experience
- Development of a talent pipeline through engagement with schools and polytechnics
- Strengthened partnerships with engineering schools

The Transpower Internship Experience

Internship Roles we have taken in the past

ENGINEERING:

- Electrical / electronics
- Mechatronics
- Mechanical
- Civil / structural
- Engineering science
- Computer (systems)
- First year students

NON-ENGINEERING:

- Computer science
- Environmental SCIENCE
- Physics
- HR
- + More!

We typically offer around 25 summer internships per year

The Transpower Graduate Experience

Graduate Program

Transpower graduates are part of a structured, supportive 2 year program designed to extend and challenge, while providing experience across a wide range of operations.

Graduates move through the programme in experiencing a range of experience in preparation for permanent work at Transpower.

Development Opportunities

- Rotations around a range of teams
- Accelerated pathway to becoming a chartered engineer (save 3 years)

Graduate roles

- Electrical / electronics
- Mechatronics
- Mechanical
- Civil / structural
- Engineering science
- Physics / Maths

Thank you

TRANSPOWER.CO.NZ

The Life and Times of the Genesis PTE

EEA Trainers Forum
Christchurch May 2025

Genesis Energy Overview

~500,000
Customers

24%
Electricity market share

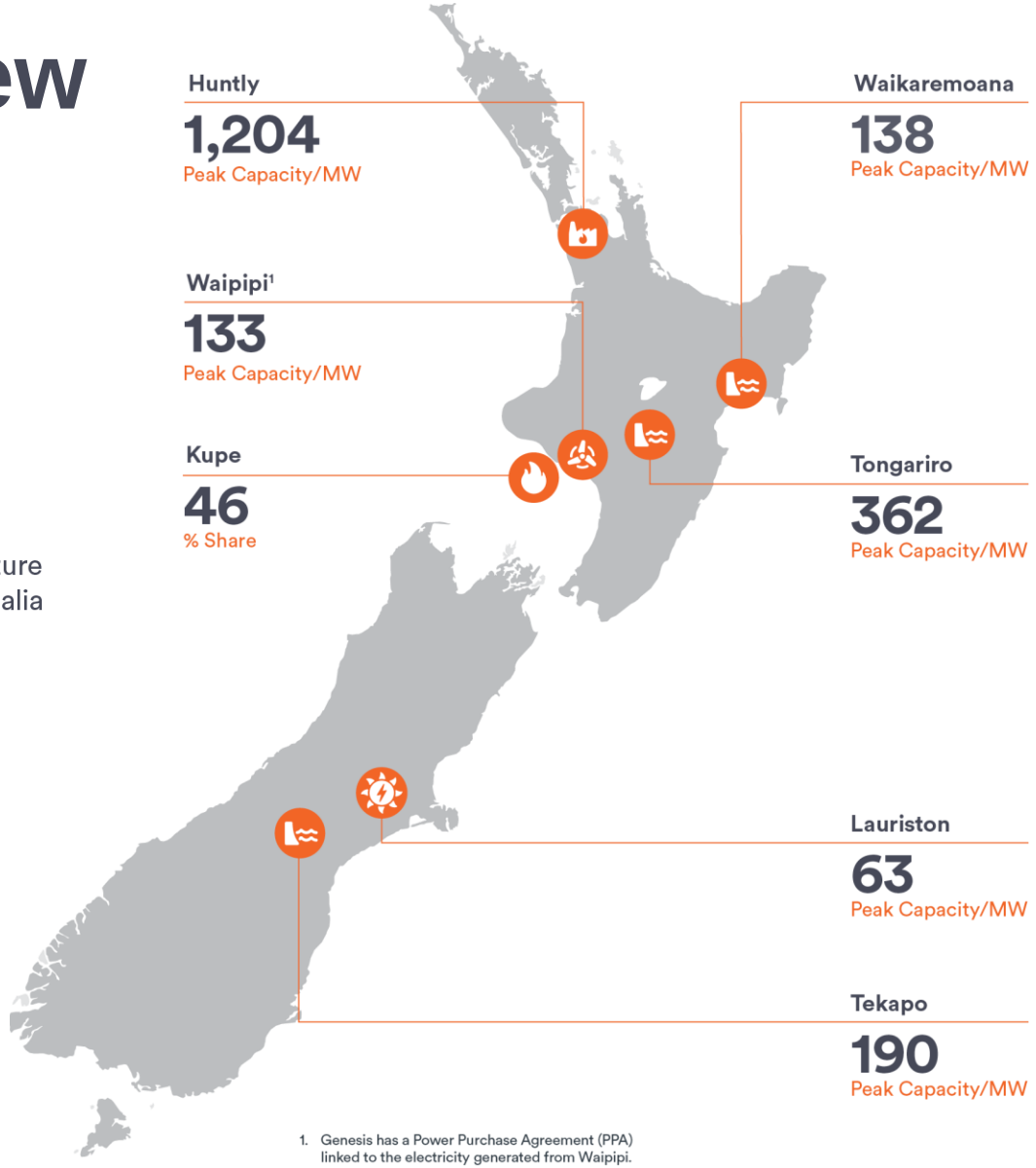
36%
Gas market share

21%
LPG market share

1.3
Products per customer

Key

- Thermal
- Hydro
- Wind
- Gas
- Solar joint venture with FRV Australia



1. Genesis has a Power Purchase Agreement (PPA) linked to the electricity generated from Waipipi.

Business sustainability

- Why is training critical to our business sustainability?

Generation Controllers
Run the station or schemes

Operator Maintainers
On-plant, maintenance

Genesis PTE

What is it?

- A tertiary education organisation

What can the PTE do?

- Award (business-critical) qualifications and micro-credentials.

Rise and fall…

— 2003 to 2016

2003

2010

2016

... and Rise again...

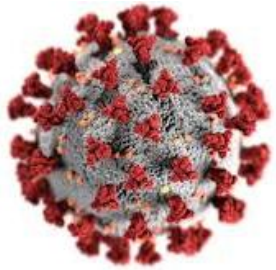
— 2019 onwards

11 ITOs
16 polytechnics

Te Pūkenga

Te Pūkenga

2025



NZQCF
Te Taura Here Tohu Mātauranga o Aotearoa
New Zealand Qualifications & Credentials Framework

2019

2020

2021

2022

2023

genesis

What’s next for us...

— Other qualifications/pathways

- ENCHEM Level 4

New Zealand Certificate in Energy and Chemical Field Operations (Level 4) with strands in Advanced Steam Generation Plant Operation (with optional strands in Gas Turbine Operation, and Steam Turbine Operation)

- Electricity Supply Operator Level 4

New Zealand Certificate in Electricity Supply (Operation) (Level 4) with optional strand in Hydro-operation

- Potential external provision

NZQCf

Te Taura Here Tohu Mātauranga o Aotearoa
New Zealand Qualifications & Credentials Framework
under Subpart 2 of Part 5 of the Education and Training Act 2020

New Zealand Certificate

ENERGY AND CHEMICAL PROCESS OPERATIONS (LEVEL 3) (BOILER OPERATIONS)

[REF: 4128]

This is to certify that on 9 September 2024

Billie McNamee

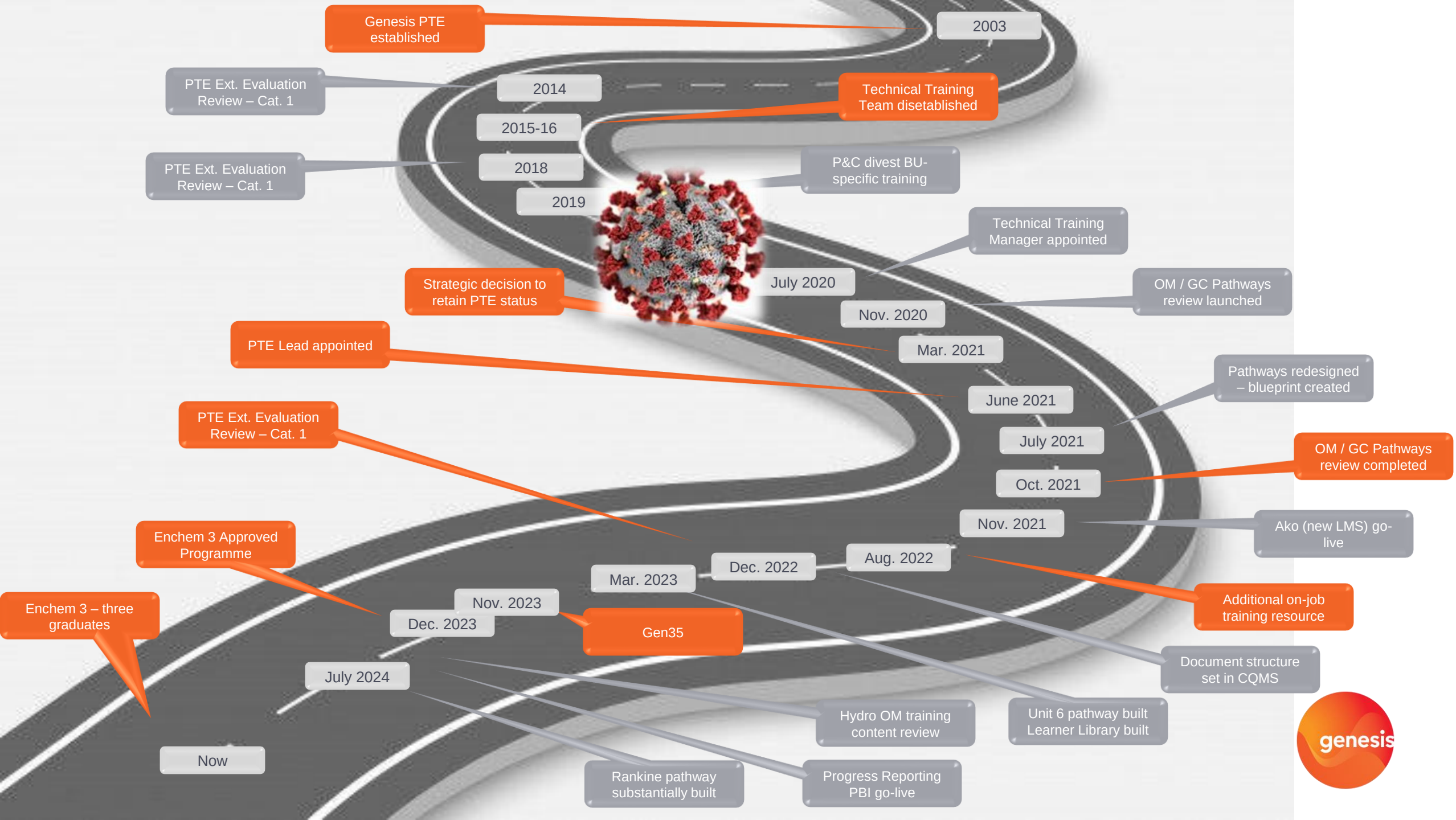
met the requirements of an approved programme leading to the qualification above and it was awarded by Genesis Energy Ltd Private Training Establishment

Malcolm Johns, Chief Executive
Genesis Energy
Issued on: 29 April 2025

NSN: 120911631

The Life and Times of the Genesis PTE

EEA Trainers Forum
Christchurch May 2025


Genesis PTE established
2003
PTE Ext. Evaluation Review – Cat. 1
2014
Technical Training Team disetablished
2015-16
PTE Ext. Evaluation Review – Cat. 1
2018
P&C divest BU-specific training
2019
Technical Training Manager appointed
July 2020
Strategic decision to retain PTE status
OM / GC Pathways review launched
Nov. 2020
PTE Lead appointed
Mar. 2021
Pathways redesigned – blueprint created
June 2021
PTE Ext. Evaluation Review – Cat. 1
July 2021
OM / GC Pathways review completed
Oct. 2021
Enchem 3 Approved Programme
Nov. 2021
Ako (new LMS) go-live
Aug. 2022
Dec. 2022
Mar. 2023
Additional on-job training resource
Nov. 2023
Enchem 3 – three graduates
Dec. 2023
Gen35
Document structure set in CQMS
July 2024
Hydro OM training content review
Unit 6 pathway built Learner Library built
Now
Rankine pathway substantially built
Progress Reporting PBI go-live
genesis

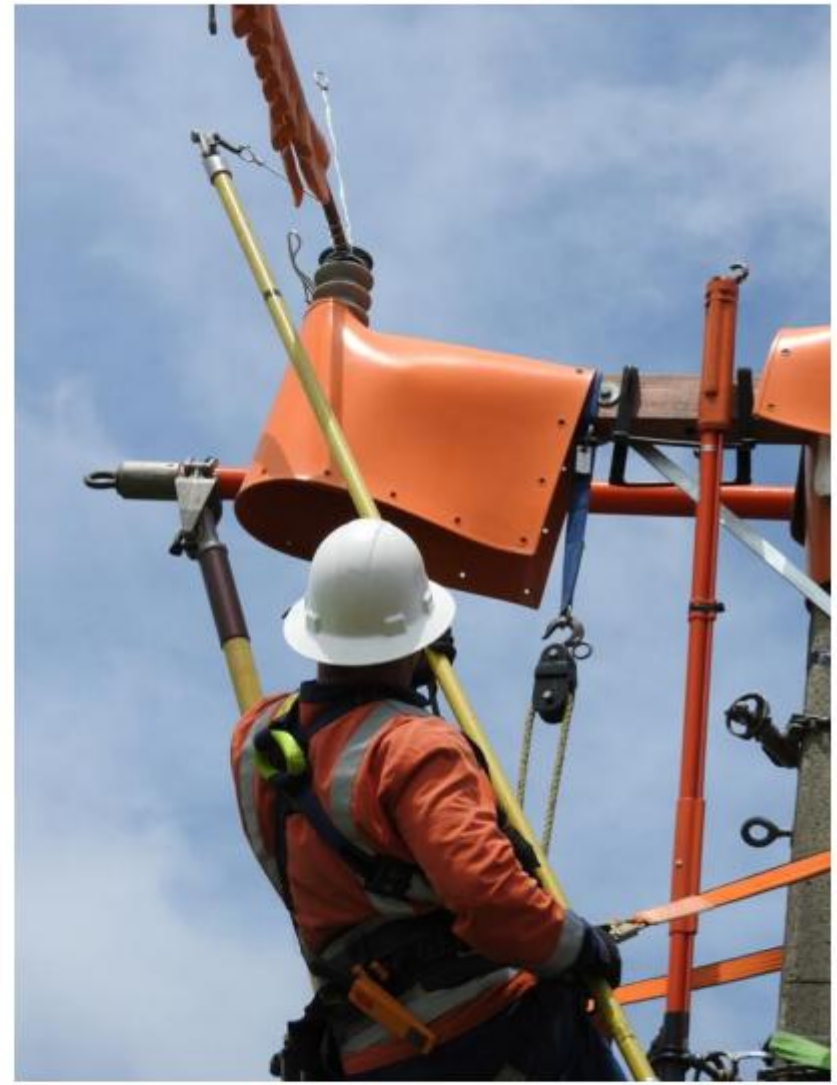
Afternoon Tea

2.15 - 2.30

Industry Trainers Forum 2025

Who are we?

- Lines & Cables Training Ltd
- Whangarei – Head Office
- Background
- Trainers
- Work Scope



Electricity Supply Industry Trainer's Forum

Thinking Differently

Why did we have to *Think Differently*

Paper-based assessment challenges

We noticed a change of learners with different learning needs

Assessment processing times became a focus area for us

We are an agile service provider, and we needed to streamline our processes

All the while ensuring that our learners and client needs weren't being compromised

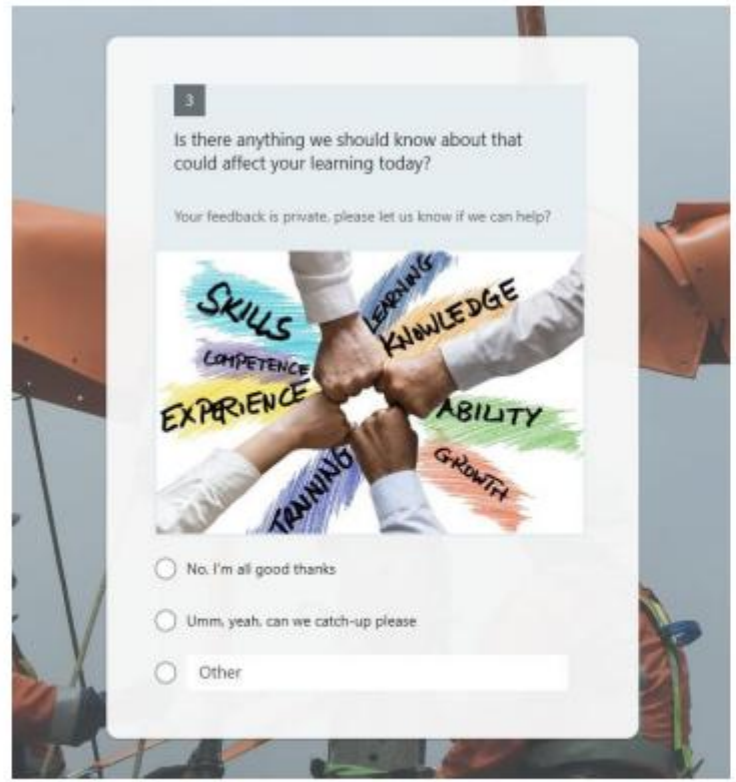
What have we done about it?

- **QR codes** and how we use them
- L&C **3D models** for students
- **Virtual Training Resources** for gaining understanding
- **Digital logbooks** – Live Work or task specific areas

QR Codes

Quick Response Codes – simplifying processes

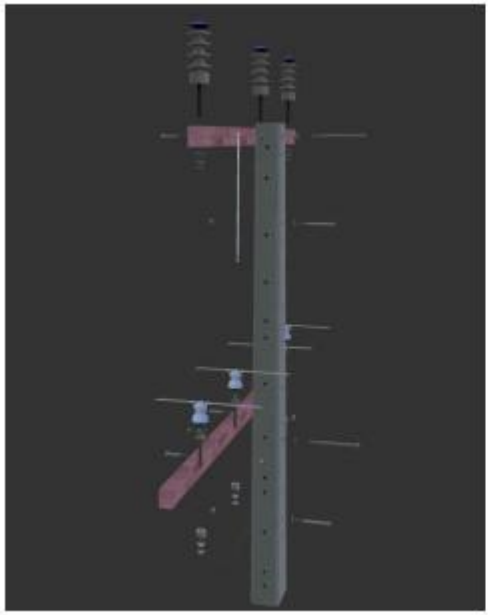
- Daily attendance records – easy access
- Wellbeing of learners – pastoral care obligations
- Learner's individual needs for each day are known
- Instantaneous results – awareness

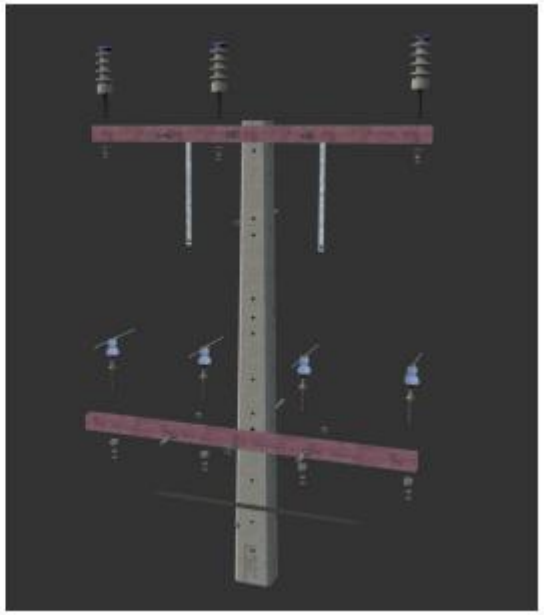


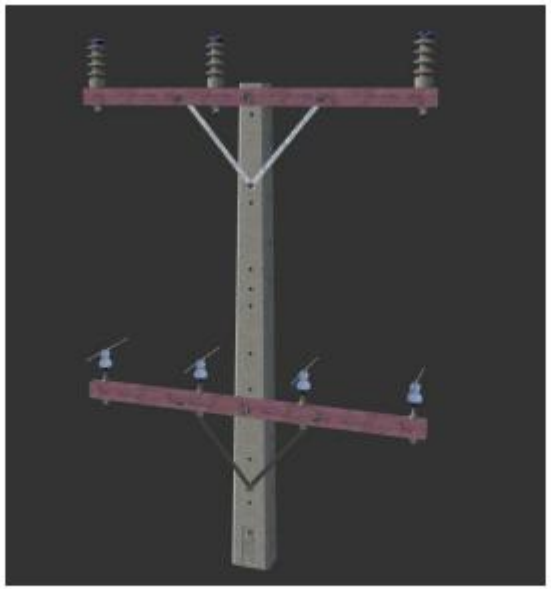
3D Models

3D Models – giving learners other options

- Variation method to learning for hands on learners
- Visual , engaging and different.



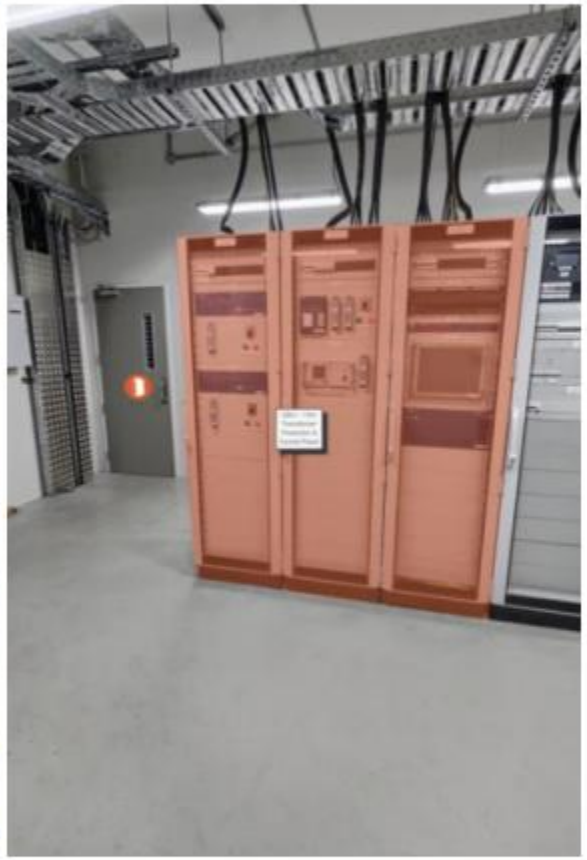




Virtual Resources

Virtual Substation – setting clear safety processes before completing actual assessments

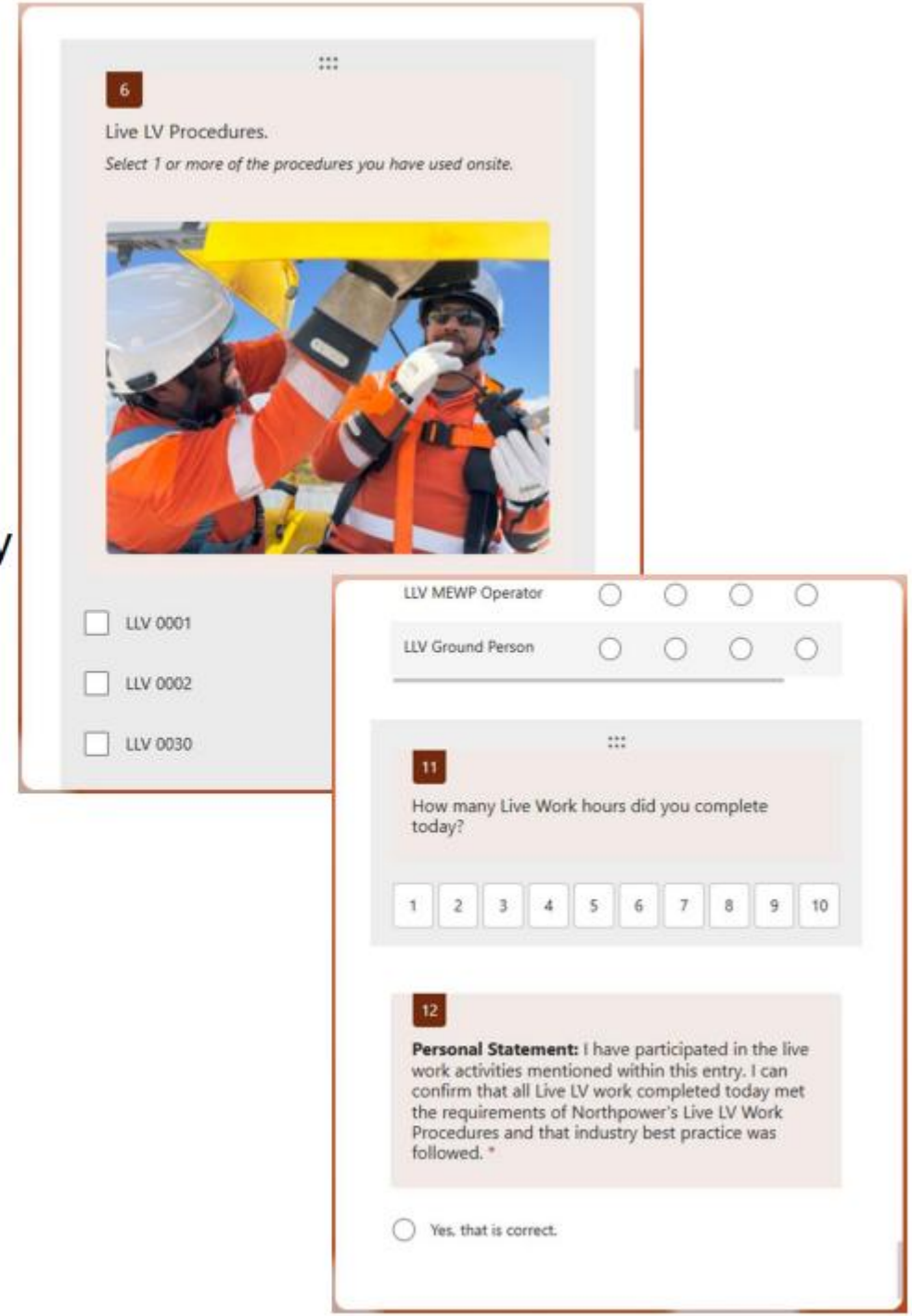
- Variation method to learning for hands on learners
- Visual, engaging and different.
- Safe introduction to the entry and exit process
- Staged approach and shouldn't replace the practical



Digital Log-books

Digital Logbooks – managing field data easily and effectively

- Entries logged instantly
- Customised to each PCBU requirements
- Easy access – Not complicated for the user
- Information is easily collatable
- Efficient tool for team managers



Positive Outcomes & Observations

- Work / Life balance for trainers
- More engaged learners
- Low-cost solutions to these issues,
- Less stressful using simple solutions
- Our team has become more efficient
- Client reporting became quicker

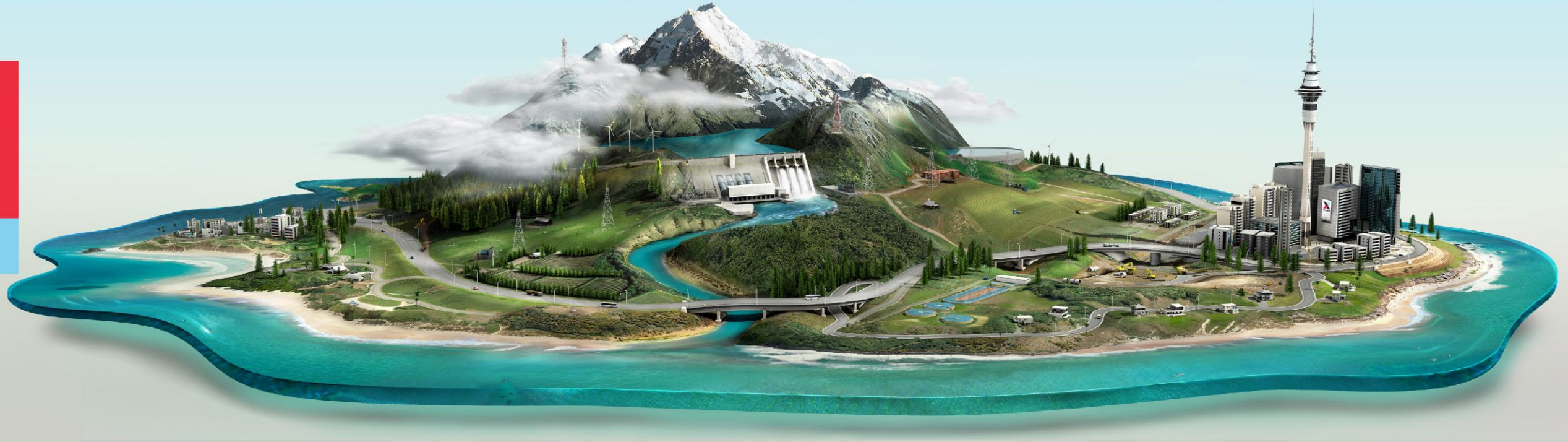
What can we share with you from our L&C Trainers

- Change your approach to become device friendly – but only a little bit
- Devices become more accessible for the learner – users can be easily distracted
- Clearly set you expectations from the start, whether it's reminding them of their own policies or setting your own rules. MAKE SURE YOU DO IT!!!
- Be mindful of the transition into the practical areas with devices. In pockets or as distractions…

CONNEXIS

INFRASTRUCTURE TRAINING

CONNEXIS



INFRASTRUCTURE INDUSTRY TRAINING

CIVIL + ENERGY + TELCO + WATER

www.connexis.org.nz

Programme Updates

What we are working on?

ESI Level 2

- An industry working group has been established
- 1st meeting May 7th
- Expected programme review completion August
- Proposed launch October

Network Control Level 4

- Variety of feedback that relates to the qualification, unit standards and learning and assessment resources
- Subgroup is reviewing the unit standards that make up the programme
- Programme development completed by August
- Proposed launch October

LMS Updates

Employer and CSAM View

LMS Employer View

Learner Progress

- Overview of all learners
- Drill down into individual learners
- View assessments (read only)

All Learner Progress

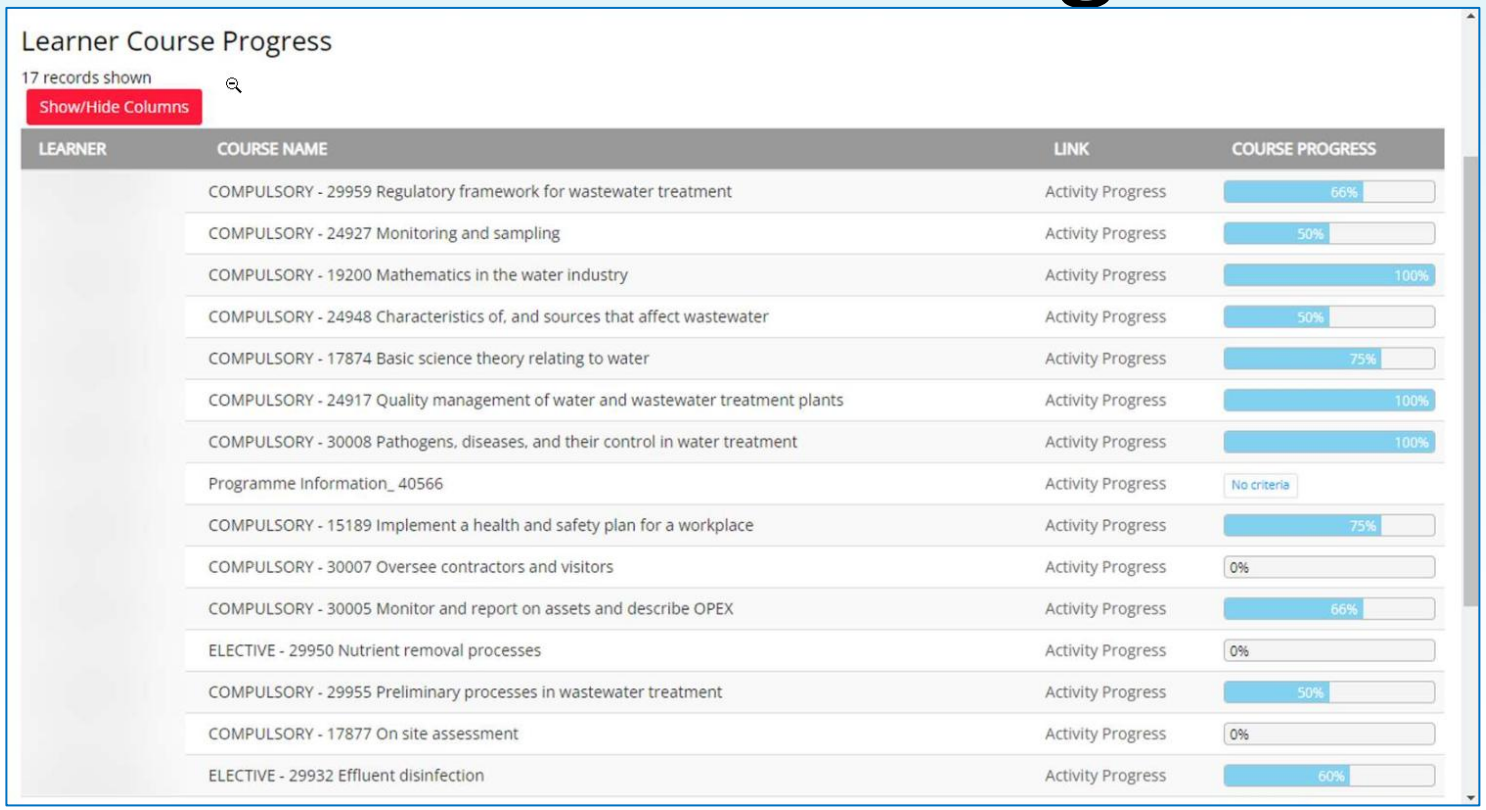
CSAM
Programme
My Programme
My Learning

Learners' Programme progress

View full report

USER'S FULLNAME	LAST LOGIN	PROGRAMME NAME	PROGRAMME ENROLMENT DATE	PROGRESS (%)	LINK COURSE PROGRESS
	2 Mar 2023	Diploma in Drinking Water Treatment (Cohort #2)	7 Sep 2020	28%	Course Progress
	3 Mar 2023	Diploma in Wastewater Treatment (Cohort #1)	28 Sep 2020	88%	Course Progress
	1 Mar 2023	Diploma in Drinking Water Treatment (Cohort #3)	8 Mar 2021	78%	Course Progress
	28 Jan 2023	Diploma in Drinking Water Treatment (Cohort #3)	8 Mar 2021	82%	Course Progress
	5 Jan 2023	Diploma in Drinking Water Treatment (Cohort #3)	8 Mar 2021	40%	Course Progress
	4 Jan 2023	Diploma in Drinking Water Treatment (Cohort #3)	31 Mar 2021	53%	Course Progress
	20 Jan 2023	Diploma in Drinking Water Treatment (Cohort #3)	31 Mar 2021	84%	Course Progress
	14 Feb 2023	Diploma in Wastewater Treatment (Cohort #2)	4 Oct 2021	48%	Course Progress
	5 Jan 2023	Diploma in Drinking Water Treatment (Cohort #4)	15 Nov 2021	56%	Course Progress
	3 Mar 2023	New Zealand Certificate in Drinking-water Treatment with optional strand in Multistage Processes	11 Mar 2022	85%	Course Progress
	27 Feb 2023	New Zealand Certificate in Wastewater Treatment with optional strand in Multistage Processes	14 Apr 2022	61%	Course Progress

Individual Learner Progress



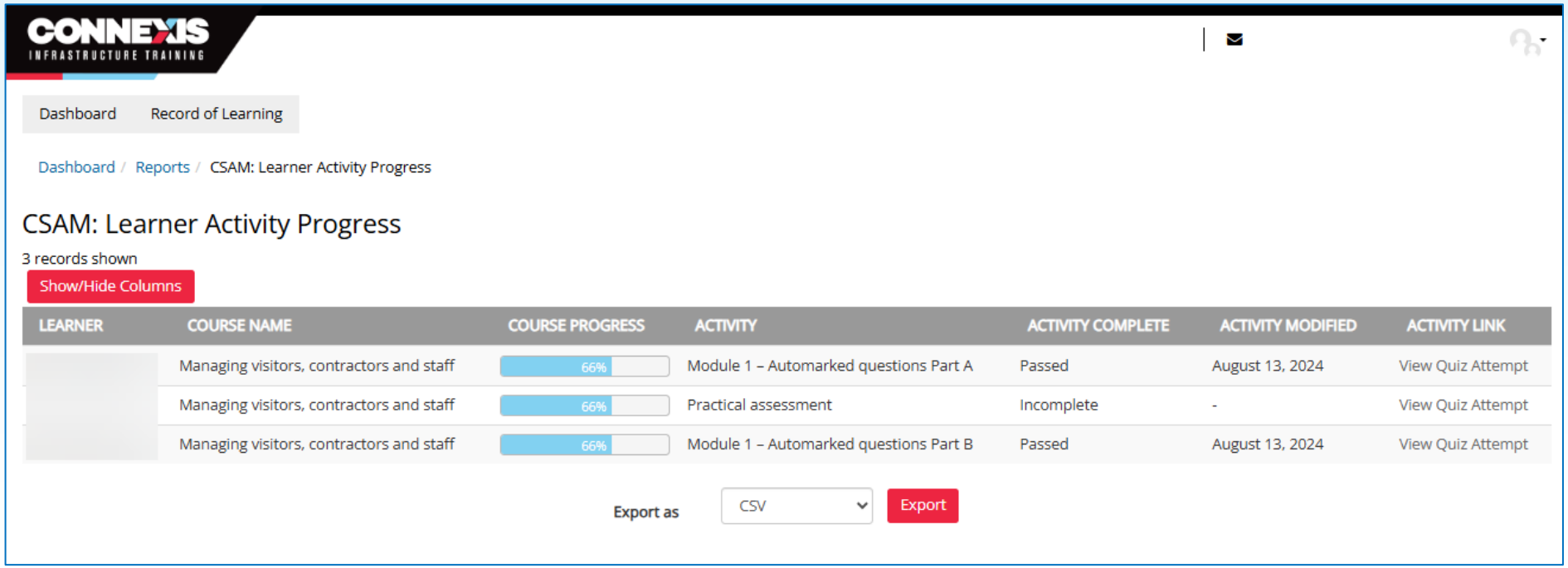
Learner Course Progress

17 records shown

Show/Hide Columns

LEARNER	COURSE NAME	LINK	COURSE PROGRESS
	COMPULSORY - 29959 Regulatory framework for wastewater treatment	Activity Progress	66%
	COMPULSORY - 24927 Monitoring and sampling	Activity Progress	50%
	COMPULSORY - 19200 Mathematics in the water industry	Activity Progress	100%
	COMPULSORY - 24948 Characteristics of, and sources that affect wastewater	Activity Progress	50%
	COMPULSORY - 17874 Basic science theory relating to water	Activity Progress	75%
	COMPULSORY - 24917 Quality management of water and wastewater treatment plants	Activity Progress	100%
	COMPULSORY - 30008 Pathogens, diseases, and their control in water treatment	Activity Progress	100%
	Programme Information_ 40566	Activity Progress	No criteria
	COMPULSORY - 15189 Implement a health and safety plan for a workplace	Activity Progress	75%
	COMPULSORY - 30007 Oversee contractors and visitors	Activity Progress	0%
	COMPULSORY - 30005 Monitor and report on assets and describe OPEX	Activity Progress	66%
	ELECTIVE - 29950 Nutrient removal processes	Activity Progress	0%
	COMPULSORY - 29955 Preliminary processes in wastewater treatment	Activity Progress	50%
	COMPULSORY - 17877 On site assessment	Activity Progress	0%
	ELECTIVE - 29932 Effluent disinfection	Activity Progress	60%

Learner Activity Progress



VET Redesign

Connexis Commitment

VET Redesign

December 2024 Annoucement

- Formation of Industry Skills Boards (ISBs) for standard setting
- Disestablish Te Pūkenga
- Regional-based Polytechnics or a Federation
- Further consultation on Work-based Learning

VET Redesign – April 2025 Announcement

From 1 January 2026:

- New Industry Skills Boards (ISBs) will be set up to set training standards, endorse programmes, and moderate assessments.
- Apprentices and trainees currently with Te Pūkenga will move to the ISBs for up to two years.
- New students will enrol directly with new work-based learning private providers, polytechnics, or Wānanga.
- ISBs will be able to enrol new learners until other providers are set up to deliver work-based learning.

VET Redesign – Current Consultation

Number and coverage of Industry Skills Boards

- Automotive industries
- Construction industries
- Infrastructure industries
- Food and fibre industries
- Service industries
- Manufacturing and technology industries
- Social and community industries.

VET Redesign – Current Consultation

Infrastructure Industries

- Electricity Supply
- Wind Farm
- Telecommunications
- Civil Engineering
- Surveying
- Road construction and traffic management.

VET Redesign

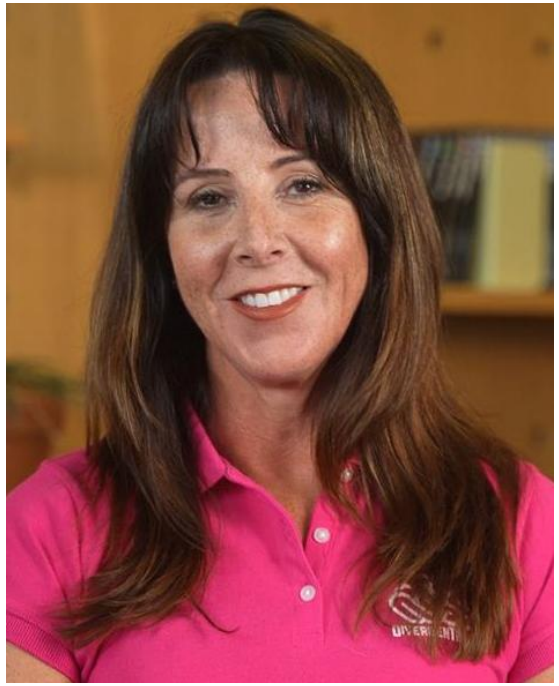
What do you want to know?

VET Redesign

Connexis Commitment

He Karakia Whakakapi

Ka whakairia te tapu	Restrictions are moved aside
Kia wātia ai te ara	So the pathway is clear
Kia tūruki whakataha ai	To return to every day activities
Kia Tūruki whakataha ai	To return to everyday activities
Hui ē! Tāiki ē	Enriched, unified and blessed



Natasya Jones

Robbie Skerten

Irene Clausse

Mark Keller

Mark Adams

Electricity Engineers' Association

Vikki Roadley

Billie McNamee

Greg McBain

Grant Brown

Sue Roberts