

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



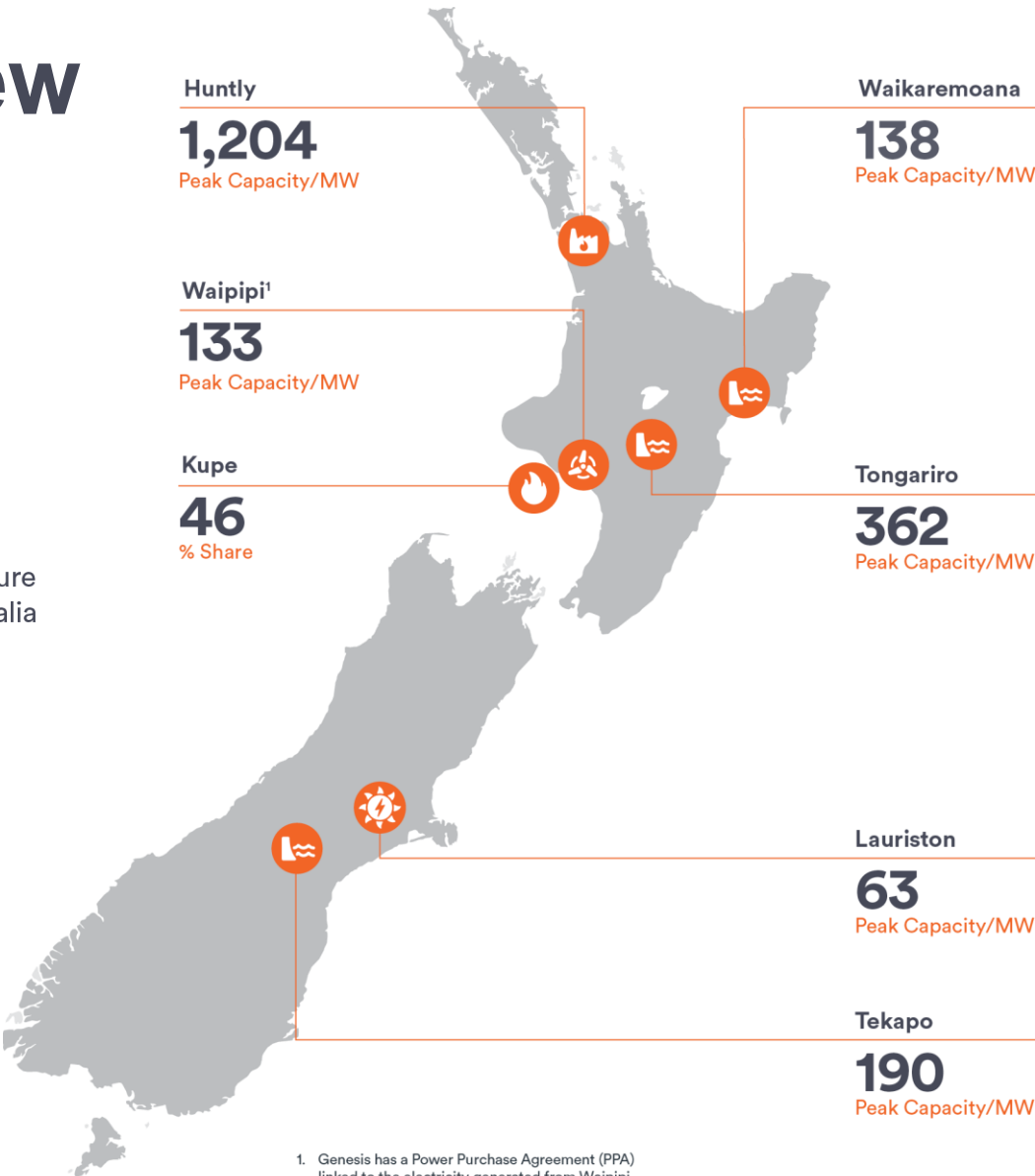
Wind



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



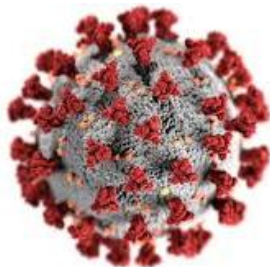
... and Rise again...

— 2019 onwards

11 ITOs
16 polytechnics



Te Pūkenga



NZQCF

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



2019

2020

2021

2022

2023

2025



What's next for us...

— Other qualifications/pathways

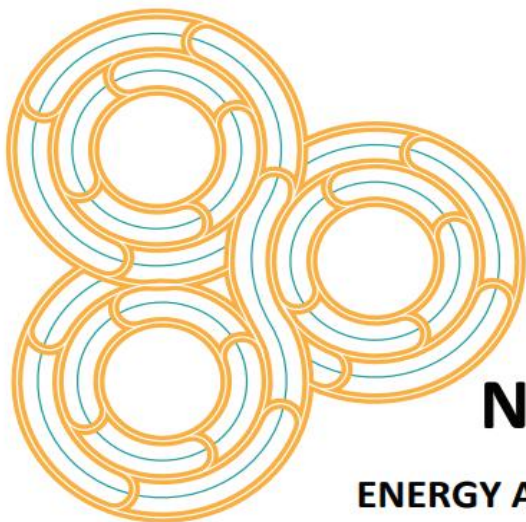
- ENCHEM Level 4

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



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



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