

LEARNERS AND QUALIFCATIONS

Electrical Supply Industry is one of 11 strategic groups within construction and infrastructure identified by Waihanga Ara Rau.

The ANZSIC codes and occupations below align with this sector, helping to define its subsectors and job types while highlighting workforce needs and opportunities.

Common occupations

People are commonly employed in the following occupations within the Electricity Supply Industry:

Introductory roles in the electricity supply industry	Wind turbine service technicians
Technical specialists, blade repair technicians, commissioning engineers and site managers	Plant operators and control room operators
Network controllers	Transmission line mechanics
Substation maintainers	Utility arborists
Line mechanics	Cable jointers
Fault response technicians and switching operators	Live line workers
Reticulated gas technicians	Gas network technicians
Specialist technicians	Customer support
Installation and maintenance technicians	Advanced technicians

ANZSIC codes

The following ANZSIC codes identify the subsectors which represent the Electricity Supply Industry:

D261100 Fossil fuel electricity generation
D261200 Hydro-electricity generation
D261900 Other electricity generation
D262000 Electricity transmission
D263000 Electricity distribution
D264000 On selling electricity and electricity market operation

Learners and qualifications

Qualification		Learners 2023
2136	New Zealand Certificate in Electricity Supply (Introductory) (Level 2) with strands in Electrical Works, Telecommunications, and Wind Farm	1,020
2197	New Zealand Certificate in Electricity Supply (Line Mechanic Distribution) (Level 4) with optional strand in Live Low Voltage Lines	685
2227	New Zealand Certificate in Electricity Supply (Cable Jointing High Voltage) (Level 4) with optional strand in 33kV	275
2705	New Zealand Certificate in Electricity Supply (Transmission Line Maintenance) (Level 4) with strands in Line Mechanics, and Structure Maintenance	30
3535	New Zealand Certificate in Electricity Supply (Power Technician) (Level 5) with optional strands in Communications Systems, Generation, Metering, Transmission, and Distribution	60
3586	New Zealand Certificate in Electricity Supply (Fault Response and Switching) (Level 4) with strands in Fault Response, and Network Switching	245
3687	New Zealand Certificate in Electricity Supply (Operation) (Level 4) with optional strand in Hydro Operation	40
3721	New Zealand Certificate in Electricity Supply (Network Control) (Level 4)	60
3793	New Zealand Certificate in Wind Farm Maintenance (Level 4) – <i>no registered learners in 2023</i>	0
3988	New Zealand Certificate in Electricity Supply (Traction Line) (Level 4)	70
4182	New Zealand Certificate in Electricity Supply (Substation Maintenance) (Level 4)	0
4204	New Zealand Certificate in Electrical Trade (Level 4) with strands in General Electrical and Electricity Supply	165
4243	New Zealand Certificate in Electricity Supply (Utility Arboriculture) (Level 3)	265
4261	New Zealand Certificate in Wind Farm Maintenance (Level 3) – <i>no registered learners in 2023</i>	0
4281	New Zealand Certificate in Electricity Supply (Distribution Live Line Stick) (Level 4)	5
4282	New Zealand Certificate in Electricity Supply (Distribution Live Line Glove and Barrier) (Level 5)	15
4283	New Zealand Certificate in Electricity Supply (Transmission Live Line) (Level 5) – <i>no registered learners in 2023</i>	0
4747	New Zealand Certificate in Electricity Supply (Transmission Operational Switching) (Level 4) – <i>no registered learners in 2023</i>	0
4748	New Zealand Certificate in Electricity Supply (Transmission Operating Sequence Control) (Level 5) – <i>no registered learners in 2023</i>	0
Total learners		2,935

Data source: Ngā Kete (Tertiary Performance - ITR)