



DISCOVER A CAREER WITH ENERGY

YOUR INTRODUCTION TO CAREERS IN ENERGY AND TELECOMMUNICATIONS

Be part of a high powered, high-tech, innovative industry
Gain qualifications that could take you around the world

EARN AS YOU LEARN

CONNEXIS

ARE YOU...

- Looking to be part of a diverse industry that will see you gain great skills?
- Keen to earn good money in an industry that can take you places?
- Wanting to gain some hands on practical experience?
- Active, strong and enjoy being physically fit?
- The sort of person who enjoys working outdoors?
- A team player?
- OK with heights?
- Health and safety aware?
- Looking for ongoing training opportunities?

**OVER 12,000 PEOPLE ARE EMPLOYED
WITHIN THE ENERGY INDUSTRY.
IT OFFERS A VARIETY OF CAREER OPTIONS
AND HAS FIVE SECTORS IN WHICH
TO CHOOSE A CAREER THAT SUITS YOU:**

- **Energy Generation**
- **Energy Transmission**
- **Energy Distribution**
- **Telecommunications**
- **Retail**

There is **HIGH DEMAND**
for people to join these sectors,
they offer fantastic career
development and ongoing
training opportunities.

NZ ENERGY MARKET

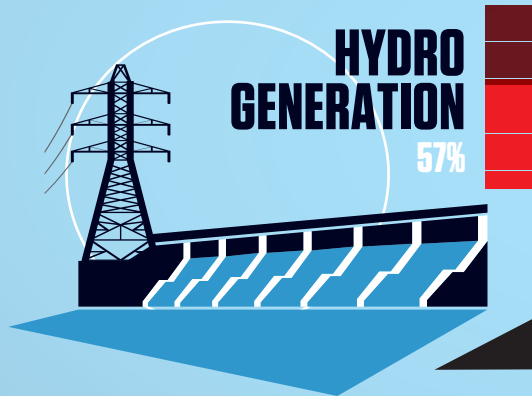
CONEXIS

THE POWER OF NEW ZEALAND

NZ ENERGY MARKET

HYDRO GENERATION

57%



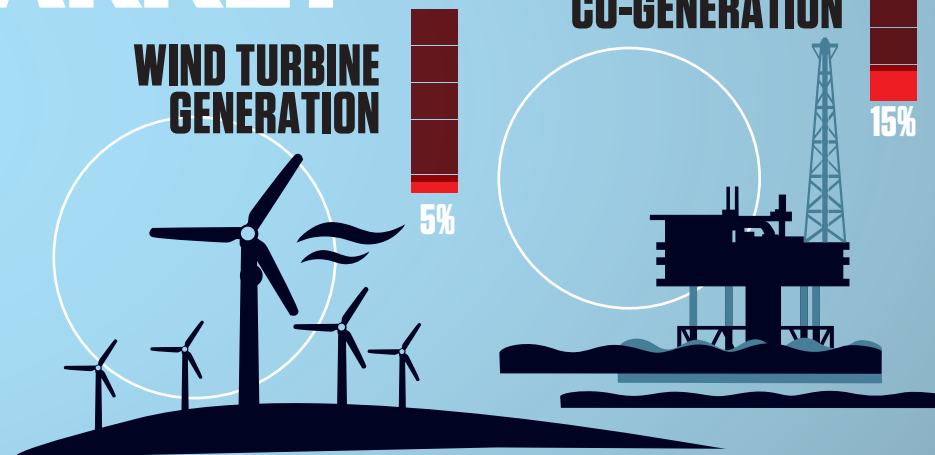
THERMAL & GEOTHERMAL GENERATION

17%



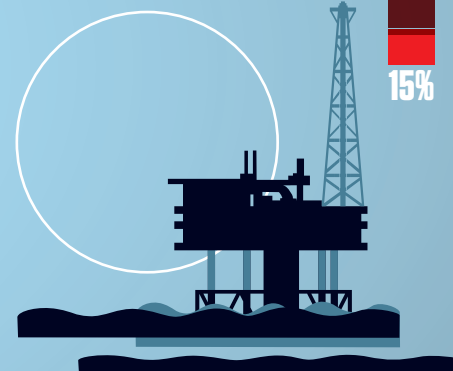
WIND TURBINE GENERATION

5%



NATURAL GAS & CO-GENERATION

15%



GENERATION

ENERGY MAKERS

It's exhilarating, exciting and rewarding. You'll be working on large-scale, high-tech equipment that keeps the power flowing throughout the country. Best of all, you'll get paid while you achieve national qualifications that can take you around the country and the world!

Ensure New Zealanders stay connected – you will be helping homes, businesses and essential community services have a reliable supply of electricity and the ability to communicate – even in the most remote areas of New Zealand.

TRANSMISSION

BULK TRANSPORTER

Generated electricity flows in large quantities into transmission lines and through to substations. This network of high voltage lines and substations, known as the National Grid, is owned and operated by Transpower. Electricity can't be stored, so Transpower makes sure the amount of electricity being generated is in balance with the demand from customers.

DISTRIBUTION

DELIVERY TO YOUR DOOR

Distributors own, operate and maintain the networks of overhead power lines and underground cables that carry electricity from substations to customers. Some distributors also include fibre-optic cables in their networks, which carry ultra-fast broadband.

TELECOMMUNICATIONS

CONNECTING PEOPLE

Telecommunications includes the installation, maintenance and repair of electronic communication equipment in telecommunication networks. This work is often indoors in workshops or offices and on-site when installing new equipment or repairing faults. The technology of these networks is constantly developing and evolving.

RETAIL

SERVICE TO THE CUSTOMER

Retailers are the 'middle men' who supply and sell electricity to local consumers. They are the first point of contact when you want to arrange electricity and telecommunications supply to your home or business. They also carry out meter readings and send out bills.



EARN AS YOU LEARN

Being able to train while **WORKING AND EARNING** means I can have the lifestyle I want now while investing in my future with a great career.



CAREERS IN THE INDUSTRY SECTORS

Get into Energy and Telecommunications and you'll be working in an industry that employs people with a wide range of skills, offers plenty of variety and provides ongoing training opportunities so you can continue to grow your career.

WHATEVER YOUR SKILLS AND INTERESTS THERE IS SOMETHING FOR YOU

	GENERATION	TRANSMISSION	DISTRIBUTION	RETAIL
ADMINISTRATOR				
ASSET MANAGER				
CABLE JOINTER				
CALL CENTRE OPERATOR/CUSTOMER SERVICE				
CONTRACT MANAGER				
ELECTRICAL & MECHANICAL ENGINEER				
ELECTRICIAN				
POWER TECHNICIAN				
FAULTMAN				
FIELD SWITCHER				
LINE MECHANIC				
MECHANICAL FITTER				
METER READER				
NETWORK OPERATOR				
THERMAL / HYDRO OPERATOR				
PLANNER				
PROJECT MANAGER				
RETAIL OPERATOR				
SUBSTATION MAINTAINER				
SYSTEM OPERATOR				
TELECOMMUNICATIONS TECHNICIAN				
UTILITY ARBORIST				

HOW DO I GET INTO THE ENERGY INDUSTRY?

STILL AT SCHOOL?

Qualifications and useful subjects

Requirements vary, but most employers prefer applicants who have completed Year 12 (NCEA Level 2) or equivalent. You'll also need a good understanding of written and oral English, as well as science and mathematics. A Drivers Licence is useful too.

FREE CONNEXIS TASTER COURSES

See if this industry is right for you! Sign-up to a FREE Connexis Taster Course

- Spend up to five days gaining hands-on experience
- Get a head start with valuable industry knowledge
- Take part in practical tasks such as working at heights and using tools
- Visit energy companies and talk to prospective employers
- Gain credits towards an industry qualification

GATEWAY PROGRAMME

The Gateway Programme can help you get started - gaining work experience with a local employer while completing relevant unit standards towards your career.

Sign-up for information on Taster Courses and Gateway through our website www.connexis.org.nz

APPRENTICESHIPS

Many people begin their careers in the Energy industry with an apprenticeship. Skilled apprentices are highly sought after.

If you're serious about getting into the industry we recommend you gain some basic industry skills and knowledge through a short course or full-time programme of study

PRE-TRADE COURSES

An Electricity Supply pre-trade course provides the opportunity to complete a Level 3 pre-trade certificate in high voltage electricity. This is available through Christchurch Polytechnic Institute of Technology as a one year full time course.



WANT TO TAKE THE NEXT STEP?
TALK TO US TODAY

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CONNEXIS

qualify for success