

Electrical Distribution Trades Worker

Electrical distribution trades workers prepare, install, repair, maintain and patrol electric power distribution networks carrying electricity to domestic, commercial and industrial users and electric train services.

Job title examples

- Electrical Linesworker
- Electrical Powerline Tradesperson
- Technical Cable Jointer

Other jobs in this field of work

What electrical distribution trades workers do

- install conductors and aerial equipment, and underground cables and equipment
- install and maintain equipment associated with electrical supply such as transformers
- attend to electrical breakdown and emergencies
- maintain poles and associated hardware, and continuity of electrical supply and street lighting
- conduct routine maintenance on the aerial and underground electricity supply network
- conduct low-voltage switching operations
- fit pole hardware and crossarms
- prepare low and high voltage cable joints and cable terminations while connecting and installing electrical equipment and overhead lines
- use heavy plant equipment such as elevated work platforms, and portable equipment such as hydraulic drills
- may undertake substation installation and maintenance, and specialised testing and revenue meter installation

Main employing industries

- Construction
- Electrical, Gas, Water and Waste Services
- Mining

Qualifications



The following government subsidised qualifications are available in NSW:

Certificate III in ESI –Power Systems – Distribution Cable Jointing available as an apprenticeship or qualification

Certificate III in ESI –Power Systems – Distribution Overhead available as an apprenticeship or qualification

Certificate III in ESI –Power Systems – Rail Traction available as an apprenticeship or qualification

Certificate III in ESI –Power Systems – Transmission Overhead available as an apprenticeship or qualification

Certificate IV in ESI –Power Systems Substations available as an apprenticeship or qualification

Apprenticeships and traineeships: Find out how to get an [apprenticeship or traineeship](#).

Course fees: You may be eligible for government subsidised training under Smart and Skilled. Go to the [Course Finder](#) to find training in your area, estimate your fee and find a training provider.

Job prospects and pay



- There are around 2,236 electrical distribution trades workers working in NSW.
- Over the next four years, employment in this occupation is expected to decline in NSW.

Average weekly full time earnings (before tax):

- Electrical distribution trades workers: \$1,446
- All occupations: \$1,200

Related jobs



- Air-conditioning and Refrigeration Mechanic
- Electrician
- Electronics Trades Worker

To find out more regarding these related jobs, visit the [Job Guides Homepage](#).

Information sources

Occupations: Australian Bureau of Statistics, Australian and New Zealand Standard Classification of Occupations, 1220.0

Employment: Australian Bureau of Statistics, Labour Force, Australia, Detailed, Quarterly, 6291.0.55.003

Skills shortages: Department of Employment, Skill Shortage List NSW 2015-16

Job prospects: Centre of Policy Studies (CoPS), Victoria University, Employment Forecast Data for NSW 2015/16 to 2022/23

Earnings: Department of Employment, [joboutlook.gov.au](#), based on ABS Characteristics of Employment Survey, August 2014