

JOB SPOTLIGHT

Network Delivery Engineer

INDUSTRY GROWTH -
STRONG



DESIGN



DELIVER



ADAPT

studyworkgrow

API The Australian
Power Institute

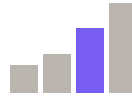
Network Delivery Engineer

Design efficient power networks

Network Delivery Engineers play a vital role in developing and maintaining the infrastructure that delivers electricity from power stations to consumers. They're responsible for the intricate web of power lines, substations, and distribution systems that make up the electrical grid.

Are you innovative, safety-minded, and want to work on important large-scale projects? This might be the role for you.

Growth



Strong

Salary



Above Average

Field Size



Medium

Hours



Average

Interest Area



Technology

Cluster



Innovator



About you

Excellent problem-solver
 Great communicator
 Good collaborator
 Adaptable & resilient
 Safety-conscious
 Strong maths skills
 Analytical & organised
 Great planner

Common tasks

- Plan new power line routes
- Connect new suburbs to the grid
- Upgrade existing systems & networks
- Comply with strict safety standards
- Simulate power flows & demand
- Predict potential issues & solutions
- Integrate renewable energy sources
- Design energy storage systems

About the role

As a Network Delivery Engineer, your work will be divided between office- and site-based tasks. Some physical work is involved during inspections and installations, but most of your time will be spent on desk work.

You can expect to earn an above-average salary throughout your career.

Most Network Delivery Engineers work full-time, typically during standard business hours. However, emergencies or critical upgrades may occasionally require you to work during nights, weekends, or holidays.

Network Delivery Engineers are typically found in these industries:

- Electricity, Gas, Water & Waste
- Professional, Scientific & Technical Services
- Manufacturing



Things you can do now

- 1 Focus on English, Maths, and Sciences at high school
- 2 Find work experience or volunteer in a relevant industry
- 3 Build skills through short courses and hands-on work
- 4 Research qualifications and requirements
- 5 Talk to a Network Delivery Engineer to see what their work is like

Future study ideas

To work as a Network Delivery Engineer, you will typically need a Bachelor's degree in Engineering or a related field. Internships and practical work experience are common as part of your degree.

Depending on your location, you may need to obtain other licenses and certifications before you can start working. Continuous learning is also essential, and many Network Delivery Engineers pursue additional qualifications throughout their career.



What next?

If you're interested in engineering, planning, or technology, there are lots of other job areas you might like to consider as well, such as:

- Telecomms
- Aerospace
- Geospatial
- IT
- Robotics
- Utilities
- Urban Planning
- Logistics

Participate in STEM clubs, groups, workshops, or competitions to start building your skills while you're still at school.

Look for work experience opportunities at local utility companies or engineering firms and start making connections.

“
This career path resonated with my desire to contribute to a 'greater good' - serving communities while being engaged with challenging work.”

RIZA TOLENTINO
ELECTRICAL ENGINEER



Find out more about Power Careers

studyworkgrow



API The Australian Power Institute



Study Work Grow has exercised its best efforts and judgement in compiling the information in this Job Spotlight however you acknowledge that: 1) it is provided for information and general advisory purposes only and does not constitute professional, legal or career advice; 2) we recommend you contact the relevant educational institution or professional or trade organisation before making any decisions about a career or future plans; 3) to the extent permitted by, law we make no representations or warranties of any kind, express or implied; 4) you release us from liability for any loss, damage or expense resulting or arising from your use of or reliance on this communication.

All rights are reserved.