

A male electrical engineer is shown in a professional setting, likely a data center or server room. He is wearing a white hard hat with the ERGON ENERGY logo, safety glasses, and a bright yellow high-visibility work shirt with reflective silver stripes. He is looking towards the camera with a slight smile. His right hand is raised, touching a server rack. The server racks are filled with various electronic components and cables, illuminated by a mix of blue and orange lights. A green diagonal banner is overlaid on the left side of the image, containing the text 'Electrical Engineering'.

Electrical Engineering

It's a great place to work



Do you want a career with one of Queensland's leading employers?

Would you like to work on one of the largest electricity networks in the western world? Or help develop new distribution networks for major cities and towns? Or work with emerging technologies in renewable energy? Your role as an Electrical Engineering Graduate at Ergon Energy will see you working on a number of exciting projects like these.

Ergon Energy powers an area that covers 97% of Queensland, which means that we have great opportunities for Electrical Engineering Graduates including:

- **Delivering advanced network solutions:** Be at the cutting edge of Smart Grid technology and an array of smart devices, networks and systems. Provide critical voice and data communication solutions between the field and Ergon Energy's Control Centres. Deliver technological solutions based on an understanding of the fundamentals of the power network. Liaise and negotiate with vendors on the delivery of future-proof technological solutions for the power network.
- **Alternative technology:** Implementation of appropriate alternative technology equipment.
- **Investigation of feeder and substation protection faults.**
- **Strategic Distribution Planning (DPI) studies:** Very large projects involving the creation of brand new distribution networks.
- **Standard development:** Develop new and innovative ways to approach asset management.
- **Carry out protection review:** Review settings of feeders, ensuring the protection will see a fault and act to clear it.
- **Significant outage reports:** Investigation of loss of customer supply and detailing of recommendations.
- **Construction:** Working with a team of linespersons to erect power poles.
- **Secondary systems:** Testing at substations and checking fault levels.
- **Transformer workshops:** Fixing old transformers, voltage regulator maintenance and HV testing.

Develop your qualifications

All of our Graduate Electrical Engineers undertake their CPEng through Engineers Australia. You are given time to complete your required assessments, and we cover your membership costs and provide you with your own laptop while on the program. Further postgraduate courses with QUT may also be available.

Training and development

Our Graduate Program provides opportunities to be part of a structured training plan that includes business skills and technical training. Rotations through a variety of workgroups help you become a professional engineer faster.

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Want to find out more?

For further information about the Ergon Energy Electrical Engineering Graduate Program, and to meet some of our current graduates and see the work they've been doing, visit ergon.com.au

Got some questions? Email recruitment@ergon.com.au or call Ergon Energy Careers on **1800 656 810**. If you simply can't wait to apply, visit ergon.com.au for further application details.

