

supported
your career



Essential Energy 2025/2026 Internship Program Support Pack

Practical experience. Real world projects.

Summer internship program. Applications close 6 October 2025.



essentialenergy.com.au

2025/2026 Internship Program

Practical experience. Real world projects.



Gain practical experience in a real world environment and earn while you learn.

Work alongside experienced professionals, be part of a team, and contribute to meaningful projects.

Our paid internship program offers students the opportunity to gain practical experience and exposure to real world projects.

Essential Energy's Internship Program will run from 1 December 2025 to February 2026, coinciding with the Summer university break.

Interns will be located in our Corporate Office in Port Macquarie on the Mid North Coast of NSW.

Accommodation options for successful applicants will be available through Charles Sturt University.

Interns who need to relocate to Port Macquarie for the Program may also be eligible for a one-off domestic relocation allowance.



INTERNSHIP OPPORTUNITIES AVAILABLE

Internships in our 2025/2026 Summer Program are available in a range of fields including:

ESSENTIAL ENERGY INTERNSHIP ROLE	REQUIRED QUALIFICATIONS / DISCIPLINES
Network Engineering Intern	Electrical Engineering
Strategy and Architecture Intern	IT – General
Digital Asset Management Technical Engineer Intern	Electrical Engineering, Aeronautical Engineering, Data Science or Asset Management
IT Commercial and Vendor Intern	Business, Commerce, Supply Chain, Finance, IT or Procurement

In addition to the above-listed roles, we're also working in collaboration with CSIRO's Generation STEM program to offer additional Internships.

CSIRO GENERATION STEM PROGRAM	REQUIRED QUALIFICATIONS / DISCIPLINES
Data/Electrical Engineering Intern	Electrical Engineering, Mathematical/Statistical Studies, or Data Visualisation
Enterprise Asset Management Data Analyst Intern	Data

To be eligible to apply for these opportunities you will need to have Australian or New Zealand citizenship or permanent residency status.

To learn more and apply online visit essentialenergy.com.au/internships



Frequently asked questions

Supporting you with your Internship experience.



Your questions, answered.

Each Internship is designed to provide meaningful, hands-on experience tailored to your area of study and professional interests. Whether you're passionate about data, engineering, technology strategy, or asset management, these roles offer practical exposure to real-world challenges in today's dynamic landscape.

Interns can expect to work alongside industry experts, contribute to innovative projects, and strengthen technical skills while gaining valuable insights into future career pathways.



WHAT WILL I LEARN?

Network Engineering Intern:

As an Engineering Intern in the Network Engineering team, you will assist with the provision of engineering expertise across a wide range of electrical network assets including cables, poles, conductors, transformers, regulators, reclosers, switchgear, streetlights and more. In addition to learning about electrical network assets you'll be involved with failure analysis, asset and network strategies and the development of standards, specifications, and operational procedures to ensure safety, reliability, and performance across the network.

Strategy and Architecture Intern:

Working with the Strategy and Architecture team you will gain hands on experience in shaping enterprise technology landscape, work alongside experienced enterprise and solution architects, contribute to projects and develop skills in strategy and architecture.

As an Intern, you'll support a range of initiatives including research and analysis of emerging technologies, assisting in the development of architectural frameworks, preparing presentations and documentation for strategic reviews, uplift architecture site and collaborating with cross-functional teams to support solution design. You will also help evaluate digital tools, contribute to innovation workshops, and participate in team planning sessions.



Digital Asset Management Technical Engineer Intern:

As part of the Digital Asset Management (DAM) team, you will contribute to high-impact initiatives that enhance asset intelligence and operational efficiency using Digital Twin capabilities and technologies. You will also be involved in projects such as using LiDAR and Satellite technologies to further enhance Digital Twin capabilities which support the further development of Digital Asset Management. These activities are designed to provide hands-on experience in digital modelling, data validation, and strategic asset planning, all of which are central to our mission of delivering global best practice asset management.

Interns will be required to have foundational skills in data simulations, digital modelling, and digital technologies, along with a keen interest in aerospace, infrastructure and utility networks. Preferred qualifications include studies in Electrical or Aeronautical Engineering, Data Science, or Asset Management.

IT Commercial and Vendor Intern:

Join Essential Energy's IT Commercial and Vendor team and gain hands-on experience in the strategic and operational aspects of vendor management, commercial coordination, and sourcing. This internship offers exposure to real-world procurement frameworks, contract governance, and digital transformation initiatives supporting one of Australia's leading energy providers.

Interns will rotate across three core focus areas including vendor analyst support, commercial coordination and sourcing and procurement exposure.



CSIRO Generation STEM - Data Science / Electrical Engineering Intern:

In this role you will work with data science, data pipelines, power engineering concepts, forecasting, statistics, and machine learning. Additionally, you will be responsible for documenting processes and coding.

CSIRO Generation STEM - Enterprise Asset Management Intern:

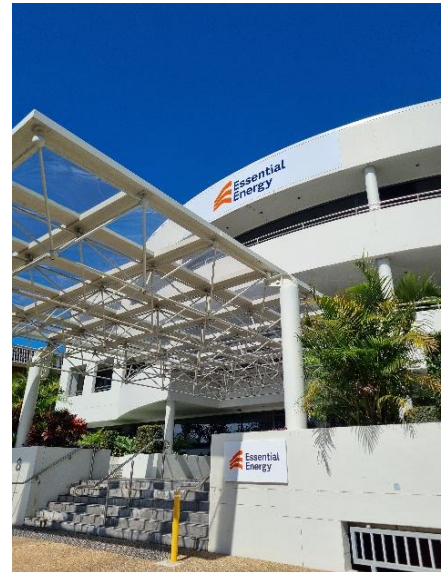
Work with experienced specialists in the Enterprise Asset Management (EAM) team to analyse data within Essential Energy's core assets and work systems to identify data quality issues and preparing scripts to correct data in these systems.

WHERE ARE ROLES BASED?

All Internships require participants to work from our Corporate Office, at 8 Buller Street in Port Macquarie, so they can be supported in person by mentors. The offices are modern and open plan, with a broad range of desk and collaborative working spaces, meeting spaces and full kitchen amenities. Interns will have the opportunity to benefit from beachside living on the Mid North Coast during the summer period.

Tucked between rainforest-cloaked hinterlands and the sparkling shores of the Mid North Coast, the Port Macquarie-Hastings region is where work-life balance meets adventure. Spend summer in paid employment, while gaining real world experience.

For more information about Port Macquarie and the Mid North Coast, visit [Greater Port Macquarie Tourism](#).



WHAT ARE THE ACCOMMODATION OPTIONS?

As Interns are required to be located in Port Macquarie throughout the program, we've collaborated with Charles Sturt University (CSU) in Port Macquarie to gain access to a convenient and affordable accommodation option through their on-campus accommodation services.

Interns who need to relocate to Port Macquarie for the Program may also be eligible for a one-off domestic relocation allowance.

The CSU campus offers private rooms, each equipped with a double bed, bar fridge and climate control, alongside modern shared kitchen, bathroom, and laundry facilities. With 24/7 security, reliable Wi-Fi and a welcoming student atmosphere, this accommodation provides an ideal environment for both relaxation and connection.

All of these amenities are available at the competitive rate of \$345 per week. For more information visit [CSU Hastings Village](#).



WHERE IS THE ACCOMMODATION LOCATED?

For Interns not already located in Port Macquarie or surrounding areas, Essential Energy has reserved rooms at the Charles Sturt University (CSU) campus at 28 Kingfisher Road, Port Macquarie.

The campus is located at Innes Lake, about five kilometres from Port Macquarie's city centre. The accommodation is located opposite the Lake Innes Village – a shopping complex which houses Coles, bakery, nail salon, chemist, medical and dental centre, liquor store, butchers and various food outlets.

HOW FAR AWAY IS WORK FROM THE ACCOMMODATION?

It is a 5.5km drive from the CSU campus to our recently renovated Corporate Office.

WILL I BE SHARING A ROOM?

All rooms are individual rooms with a double bed, bar fridge and climate control. Spread over 3 floors with 8 to 10 bedrooms for each wing, each wing has a common room, shared kitchen and shared all gender bathrooms. Also available on campus is Wi-Fi, parking, 24/7 security and a laundry.

WILL I NEED A CAR?

In Port Macquarie, a car is the most suitable mode of transport for ease of getting to and from work, and to our beaches, mountains and rivers.

With all out-of-town Interns being housed at the same accommodation facility, there may be the opportunity to car pool.

Port Macquarie's public bus services are provided by Busways. Two Busways public bus routes run between the CSU accommodation and our Corporate Office, Busways routes 325 and 326.

Visit the [Busways website](#) for more information, and view their [Port Macquarie Network route maps](#).



WHAT IS THE DOMESTIC RELOCATION ALLOWANCE?

When approved, Essential Energy will provide a 'one off' incidental relocation allowance of \$1,000 to compensate for miscellaneous expenses incurred during a relocation for the employee and applicable dependents.

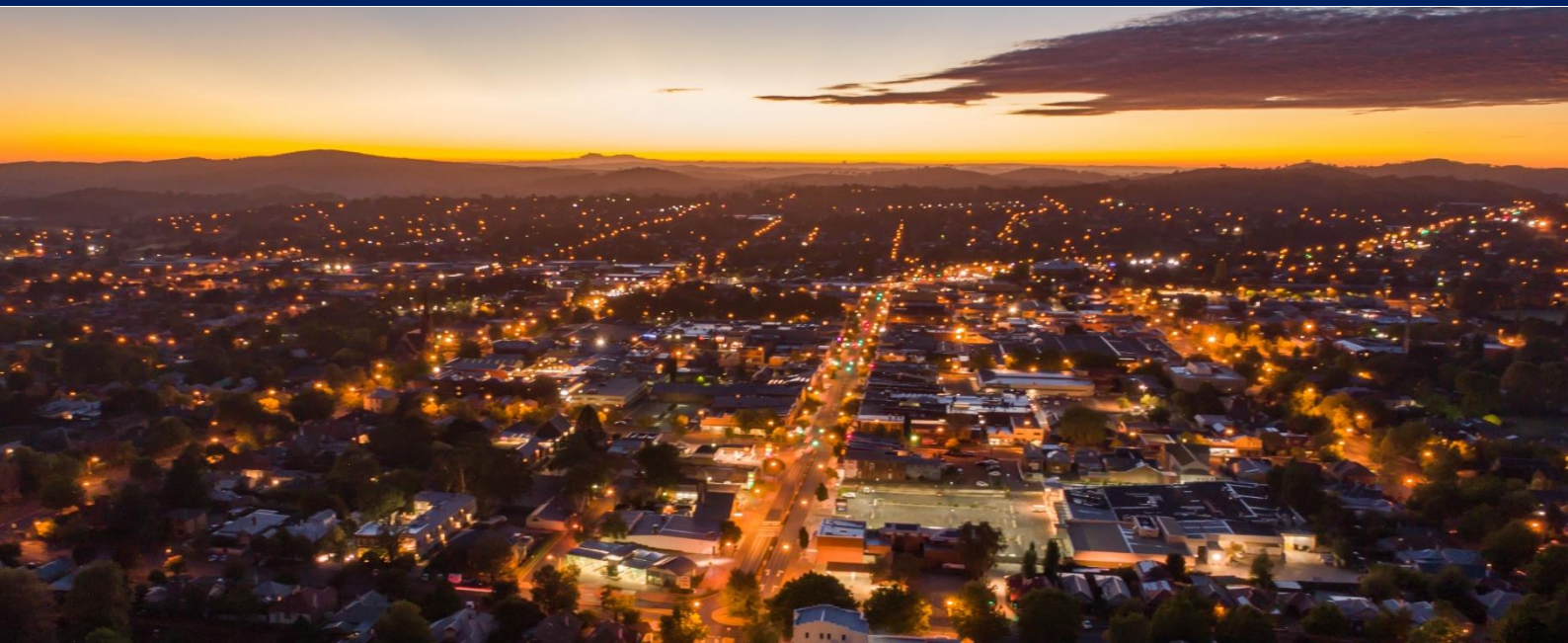
Examples of incidentals may include, but are not limited to, car rental, fuel, telephone charges, cleaning expenses, school uniforms, utility connections, and the cost of other out-of-pocket expenses such as replacing items currently unavailable whilst relocating (for example toothbrush, toaster etc.)

This amount is paid as ordinary salary, as a lump sum payment and is processed by payroll. It is subject to income tax and will be paid upon commencement.



Leading the way in the energy transition

Essential Energy is powering the workforce of the future.



Inspiring and enabling the network of the future.

Essential Energy builds, operates and maintains one of Australia's largest electricity distribution networks, providing a vital service to over 900,000 customers across regional, rural and remote communities.

Our network footprint covers 95 per cent of New South Wales and parts of southern Queensland, traversing 737,000 square kilometres of diverse landscape from the desert to the coast, across alpine to sub-tropical.

Delivering safe and reliable power for our communities is at the core of what we do.

The poles and wires that line our streets deliver the energy that powers the homes, hospitals, schools and businesses that form our communities. But they can also allow for communities to generate, share and store their own electricity.

Through innovation and technology, we are actively supporting the energy transition by inspiring and enabling the network of the future.

Underpinning this is our commitment to the safety of our employees, contractors and the community. We strive to continuously improve our safety performance and we work with the people we serve to promote electrical safety awareness.



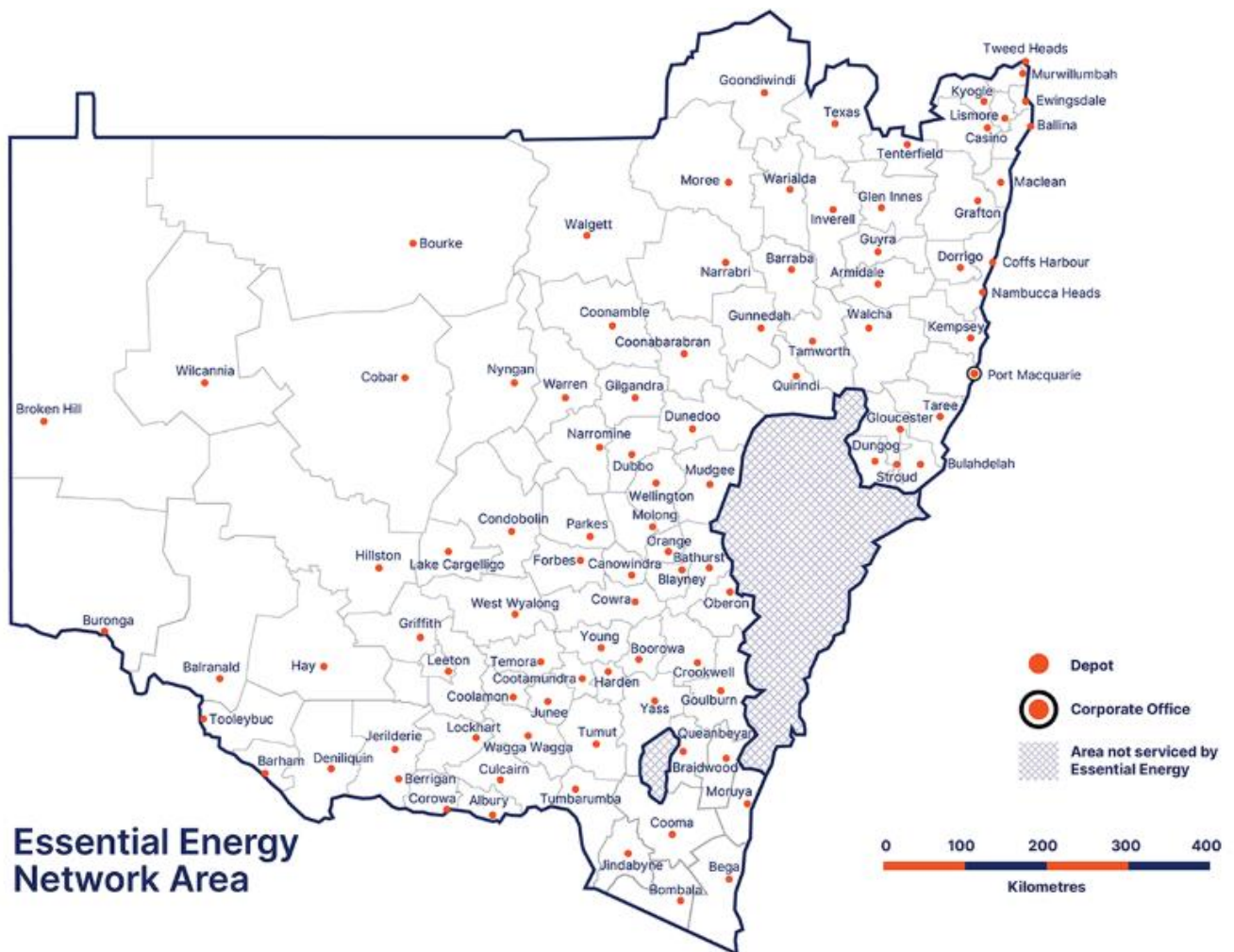
We're dedicated to giving back to the communities where we live and work.





Essential Energy, power and people you can rely on, now and in the future.

OUR NETWORK FOOTPRINT

We operate and maintain one of Australia's largest electricity networks - delivering essential electricity network services to homes and businesses across 95 per cent of NSW and parts of Southern Queensland.

Our Corporate Office is located in Port Macquarie on the Mid North Coast of NSW and our people are based all throughout NSW, covering 96 depot locations.



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