

Position Description

Position title:	Distribution Design Engineer
Reports to:	Team Leader Urban Design
Business unit:	Network Services
Employment category:	Contract (Employment Agreement) / Enterprise Agreement (20-24)

About CitiPower and Powercor

As electricity distribution companies we provide safe, reliable and affordable power to 1.9 million Victorian customers. We use our network of poles, wires and infrastructure to bring power to homes and businesses across almost 65% of Victoria — that's more than 120,000 kilometres of wires and 850,000 poles.

But we do so much more than manage poles and wires. We're also the gateway to a clean energy future, dedicated to finding solutions and harnessing new technology to benefit our customers, communities and the environment. This includes industry leading projects in community batteries, demand management, smart charging for electric vehicles (EVs) and microgrids.

And as more customers choose solar, batteries, EVs and smart appliances — the electricity system is becoming increasingly complex, and so too is the level of innovation required to manage it.

About the Network Services team you'll be part of

Network Services is a 24x7 operation, constructing and maintaining electrical infrastructure and responding to faults and emergencies throughout the CitiPower and Powercor electricity distribution networks. The team is responsible for design, project management, workforce management, field construction and supply chain and logistics management. Functional teams include network control and operations, major projects, maintenance, field services, design and customer programs and works delivery management.

Our core values



Live
safely



Improve
our business



Be customer
and community
minded



Be the best
you can be



Succeed
together

Purpose of the position

This role is responsible for the provision of engineering expertise as well as scoping, design, and estimating of distribution design projects. This position is responsible for minor survey works and asset recording and for the implementation of appropriate policies and procedures with regards to distribution assets.

As part of a broader team, this role is responsible for the delivery of timely, cost effective and quality design related services through innovation, good design practice and a professional attitude towards delivering excellent customer service.

Your key responsibilities

Provide engineering and design services for distribution projects

- Design and deliver safe (OH&S Act), compliant (relevant technical manuals), and fit-for-purpose (Least cost technically acceptable) network infrastructure solutions across overhead, underground, and distribution substation assets.
- Ensure quality, compliance, and commercial outcomes through design verification, cost estimation, resource planning, and adherence to standards and customer requirements.
- Support project delivery and continuous improvement by providing construction support, technical guidance, and contributing to the development of engineering standards and practices.

Design management

- Provide effective design management to deliver projects of varying complexities within agreed time frames, quality and cost constraints.
- Manage internal and external stakeholders effectively by ensuring appropriate and regular communication on project progress.
- Preparing cost and resource estimates for the design component of electrical distribution projects in a timely manner and in accordance with Network Services established procedures.

Innovation & continuous improvement

- Actively support and implement new or modified processes and systems.
- Apply learning from previous project/activities to future projects.
- Identify innovative or improvements which contributes to the benefit of the team.

Mentoring and development

- Provide technical expertise and mentoring to design personnel in elements of Design and Design management.
- Focusing on individual & collective development opportunities for the team.

IT systems knowledge

- Maintain and develop a high level of knowledge relating to GIS, Line design, AutoCAD/Revit applications and/or other design and asset recording drafting systems to meet the job requirements.

What you'll bring to the business

Education / Qualifications:

- Bachelor of Engineering (Electrical)
- Eligible and working towards being registered with the Business Licensing Authority (BLA)
- Eligible and working towards one of the following (or already registered):
 - National Engineering Registration (NER)
 - Registered Professional Engineer of Professional Australia (RPEng)

Knowledge:

- Detailed knowledge and experience in distribution overhead, underground, substation design and optic fibre design
- Knowledge of GIS, AutoCAD/Revit design (or equivalent), electrical networks, operation, and construction plan
- Understanding of Safety in Design practices
- Effective communication skills
- Knowledge of construction methods and techniques through on-the-job experience.

Experience:

- 3+ years of relevant experience in distribution design projects (OH/UG or SUBS)
- Advanced experience in using AutoCad/Revit
- Demonstrated experience in customer and stakeholder negotiation.
- Advanced ability of developing and applying new technology/innovations
- Advanced ability to apply project Design Management principles

The skills and competencies you'll have

'Thought' competencies

1. Manages complexity: Making sense of complex, high quantity, and sometimes contradictory information to effectively solve problems
2. Cultivates innovation: Creating new and better ways for the organisation to be successful
3. Tech savvy: Anticipating and adopting innovations in business-building digital and technology solutions

'Result' competencies

1. Plans and aligns: Planning and prioritising work to meet commitments aligned with organisational goals
2. Ensures accountability: Holding self and others accountable to meet commitments
3. Being resilient: Rebounding from setbacks and adversity when facing difficult situations

'People' competencies

1. Communicates effectively: Developing and delivering multi-mode communications that convey a clear understanding of the unique needs of different audiences
2. Collaborates: Building partnerships and working collaboratively with others to meet shared objectives
3. Drives engagement: Creating a climate where people are motivated to do their best to help the organisation achieve its objectives

'Self' competencies

1. Self-development: Actively seeking new ways to grow and be challenged using both formal and informal development channels
2. Instils trust: Gaining the confidence and trust of others through honesty, integrity, and authenticity
3. Situational adaptability: Adapting approach and demeanour in real time to match the shifting demands of different situations

Other relevant information

- A pre-employment medical / physical assessment may be required
- Availability duty will be required
- Travel to other work locations / sites may be required