

# Position Description

<b>Position title:</b>	Design Engineer
<b>Reports to:</b>	Team Leader – Northern Team Leader
<b>Business unit:</b>	Network Services
<b>Employment category:</b>	Contract/Award (Pay Point 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, sub-transmission and station projects. This position is responsible for minor survey works and asset recording and for the implementation of appropriate policies and procedures with regard s to distribution and sub-transmission assets.

## Your key responsibilities

### Provide Engineering and Design Services for Distribution projects

- Provide effective engineering design and advice in relation to the design of underground lines, overhead lines and substations, to agreed standards, and in accordance with the relevant technical manuals, OH&S Act, 'Safety in Design' guidelines and customer requirements.
- Undertake non-prescribed engineering work, inclusive of supervision and approval
- Undertake minor surveying activities in accordance with the customer requirements, agreed timeframes, cost effective manner.
- Verify designs produced by others in accordance with agreed standards, 'Safety in Design' guidelines and company requirements.
- Assist with the development of design standards & policy in accordance with organisational, regulatory, and statutory requirements.
- Apply drafting techniques to produce substation, overhead and underground distribution and sub transmission system project plans
- Prepare detailed construction plans for Distribution Design projects and maintain system records in accordance with appropriate standards and customer requirements.
- Prepare cost and resource estimates for the design component of Distribution projects in a timely manner and in accordance with Network Services established procedures.
- Consider the commercial/financial implications of all aspects in the provision of products and services to customers to optimise financial outcomes for the business.
- Provide construction support.

### Design Management

- Provide effective design management to deliver projects of medium complexity within agreed time frames, quality and cost constraints
- Manage customers effectively by ensuring appropriate and regular communication on project progress
- Prepare cost and resource estimates for the design component of electrical distribution/sub-transmission/station system projects in a timely manner and in accordance with Network Services established procedures.
- Provide support to the design team as required.

### 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.
- Consider the commercial/financial implications of all aspects in the provision of products and services to customers in order to maximise profit margins.

## Provide project support

- Monitor, review and reconcile time, costs and quality of network designs and ensure unproductive time is maintained at a minimum and all hours worked for are charged accordingly in a timely manner.
- Undertake special projects as designated in accordance with project management principles and ensure delivery is in accordance with time, quality and cost constraints.
- Prepare and maintain accurate job files.
- Provide construction support.

## IT System Knowledge

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

## What you'll bring to the business

### Education / Qualifications:

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

### Knowledge:

- Detailed knowledge and experience in Distribution Design principles and procedures.
- Knowledge of GIS, AutoCAD 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:

- Demonstrated experience in Distribution Design projects.
- Experienced in using AutoCad
- High level experience in customer and stakeholder negotiation.
- Proven ability of developing and applying new technology/innovations
- Proven ability to apply project Design Management principles
- High level experience in customer and stakeholder negotiation.
- Proven ability of developing and applying new technology/innovations
- Proven ability to apply project Design Management principles

## The skills and competencies you'll have

### 'Thought' competencies

1. Customer focus: Building strong customer relationships and delivering customer-centric solutions
2. Financial/commercial acumen: Applying financial thinking, commercial rigour and discipline to all business decisions and customer relationships to identify ways of maximising and protecting our business value
3. Manages complexity: Making sense of complex, high quantity, and sometimes contradictory information to effectively solve problems

### 'Result' competencies

1. Action oriented: Taking on new opportunities and tough challenges with a sense of urgency, high energy, and enthusiasm
2. Ensures accountability: Holding self and others accountable to meet commitments

### 'People' competencies

1. Collaborates: Building partnerships and working collaboratively with others to meet shared objectives
2. Communicates effectively: Developing and delivering multi-mode communications that convey a clear understanding of the unique needs of different audiences

### 'Self' competencies

1. Demonstrates self-awareness: Using a combination of feedback and reflection to gain productive insight into personal strengths and weaknesses
2. Self-development: Actively seeking new ways to grow and be challenged using both formal and informal development channels

## 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
- Direct reports - FTE direct reports: 0
- Budget: OPEX: \$0, CAPEX: \$0