

Position Description

Position title:	Distribution Design Engineer
Reports to:	Manager - Design
Business unit:	Service Delivery & Vegetation Management
Employment category:	Contract (Employment Agreement)

About United Energy

As an electricity distribution company we provide safe, reliable and affordable power to 700,000 Victorians in Melbourne's east and south eastern suburbs and the Mornington Peninsula using our network of poles, wires and infrastructure to bring power to homes and businesses across our service territory — that's more than 13,000 kilometres of wires and 200,000 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. That's where you come in.

About the Service Delivery & Vegetation Management team you'll be part of

The Service Delivery & Vegetation Management team operates the network and delivers the capital and operational programs to deliver outstanding service across United Energy's electricity distribution network. The team focus on ensuring the supply of safe, innovative, efficient and reliable electricity for customers. Services are delivered in the areas of 24/7 network operations, field delivery, design, engineering, vegetation management, resource management and customer projects.

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

The Distribution Design Engineer is responsible for undertaking scoping, estimation and design activities associated with network initiated projects, customer projects, maintenance that includes the augmentation and or replacement of distribution assets on the UE network , both overhead and underground. The role also involves review of designs completed by external design service providers.

Your key responsibilities

Engineering and Design Services

- Provide effective specialist engineering design and advice in relation to the design of overhead and underground distribution network up to 66KV to a variety of standards, and in accordance with the relevant technical manuals, OH&S Act, 'Safety in Design' guidelines and customer requirements
- Ensuring an optimal design outcome, after considering all the relevant safety, technical, commercial and environmental factors
- Review and verify Distribution designs produced by others, as well as manufacturer supplied drawings, in accordance with agreed standards
- Liaise with 3rd party asset owners to ensure consent,
- Producing and reviewing scopes for network-initiated projects and verifying customer-initiated project scopes
- Provide technical guidance to the survey team including producing survey scopes
- Provide constructional support

Innovation & Continuous Improvement

- Develop and implement new and innovative design practices and ways to meet business needs by applying technical expertise and experience
- Learn from unsuccessful and successful activities/projects and apply learnings to future projects
- Through understanding the market, customers and competitors, develop ideas to enhance the capabilities of the Design Team and the company's competitive position
- Provide input into the development of asset management strategies, standards and work practices as required

What you'll bring to the business

Education / Qualifications:

- Bachelor of Engineering (Electrical)
- Registered in The National Engineering Register (NER) - desirable. Ability to obtain future registration is mandatory.

Knowledge:

- Design knowledge complying with network owners Design and Construction Standards, Applicable Australian Standards and Regulatory requirements both in the office and field environments for the following types of works:
 - Design of overhead and underground lines up to 22/66kV
 - Design of Indoor, Pole, and Kiosk/Padmount, substations – preferred
 - Lighting Designs including zone substation yard lighting, Preferred
- Detailed knowledge & understanding of regulatory requirements, OH&S Act, 'Safety in Design' guidelines, standards and codes
- AutoCAD knowledge
- NPoles, Relux, AGi32 - Preferred
- Excellent communication skills
- Strong understanding of best practice in innovation and value improvement for the adoption of new technologies

Experience:

- At least 2 years design experience in the electrical utility industry.
- Demonstrated technical leadership skills and experience in:
 - Effective management of competing priorities
 - Provide necessary technical guidance to the survey team
 - Initiating and adoption of new technologies

The skills and competencies you'll have

'Thought' competencies

1. Customer focus: Building strong customer relationships and delivering customer-centric solutions
2. Manages complexity: Making sense of complex, high quantity, and sometimes contradictory information to effectively solve problems
3. Decision Quality: Considers various points and uses good judgement to make decisions and recommendations, knowing when to act or escalate

'Result' competencies

1. Optimises work processes: Knowing the most effective and efficient processes to get things done, with a focus on continuous improvement

2. Plans and aligns: Planning and prioritising work to meet commitments aligned with organisational goals
3. Action oriented: Taking on new opportunities and tough challenges with a sense of urgency, high energy, and enthusiasm

‘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. Builds networks: Effectively building formal and informal relationship networks inside and outside the organisation

‘Self’ competencies

1. Instils trust: Gaining the confidence and trust of others through honesty, integrity, and authenticity
2. Situational adaptability: Adapting approach and demeanour in real time to match the shifting demands of different situations
3. Manages ambiguity: Operating effectively, even when things are not certain or the way forward is not clear

Other relevant information

- Travel to other work locations / sites may be required