

# Position Description

## POSITION DETAILS

<b>Title of Position:</b>	Experienced Asset Engineer Secondary Systems
<b>Reports to:</b>	Manager Asset Engineering Secondary Systems
<b>Division:</b>	Assets
<b>Function:</b>	Assets
<b>Number of Direct Reports:</b>	Nil
<b>Grade:</b>	6

## HEALTH, SAFETY & WELLBEING

ElectraNet is committed to a Safety-First culture and a work environment promoting the health, safety and wellbeing of all workers. To sustain this culture, all leaders are required to implement and maintain the areas of ElectraNet's safety management system under their control, where the health, safety and wellbeing of all workers comes first while ensuring full compliance with all legislative and policy requirements.

All employees are required to contribute to the Safety First culture by exercising their duty of care to themselves and one another, by working safely, by adhering to all reasonable safety instructions, by using all equipment provided in accordance with safe work methods and by promptly reporting any unsafe working practices or hazardous working conditions.

## POSITION OVERVIEW

The Experienced Asset Engineer Secondary Systems contributes to maintaining a safe and reliable network by providing technical expertise for the ongoing operation and maintenance of protection and control systems across the network. They will have a detailed understanding of the technical requirements for operating and maintaining secondary systems devices and schemes to support their role and will be responsible for acceptance of new plant, monitoring operational performance, interpreting condition information and diagnosing failure events. They enjoy collaborating with internal and external stakeholders to formally capture and communicate major findings from investigations, enabling continuous improvement activities to be planned for and implemented, reducing risk and improving network performance.

Success in this role is characterised by the application of technical knowledge, a proactive and innovative approach to generation of ideas that continually transform our network for optimal performance and resilience.

## KEY RESPONSIBILITIES

### OPERATIONAL & TECHNICAL

Working independently under minimal supervision, you will be accountable for delivering technical advice and operational support in:

#### Proactively managing asset risk by:

- Investigate network events and asset failures to determine root cause.
- Undertake field corrective works, testing and commissioning.
- Provide technical input into project briefs and project justification to support major corrective action decisions and/or refurbishment options.
- Interpretation of site acceptance test data, ensure safe energisation and operation of plant.
- Undertaking handover inspections for corrective and capital works ensuring that assets have been installed and operating in line with ElectraNet standards and good industry practice.
- Review and assess data from secondary systems corrective and routine maintenance tasks, ensuring that assets have been installed and are operating in line with ElectraNet standards and good industry practice.

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- Review operating performance of secondary systems to ensure that devices and schemes are operating according to design requirements and scheme intent.
- Review and assess secondary systems field deliverables ensuring that assets have been installed and operating in line with ElectraNet standards and good industry practice.
- Review and update secondary systems strategies and design manuals.
- Managing secondary system settings, drawings and documentations; Ensuring availability and accuracy of secondary systems documentation and settings database.

### BEHAVIOURAL

- Carry out the role in a professional and ethical manner and in accordance with ElectraNet's values, Code of Conduct and other policies.
- Develop strong internal relationships and delivering a high level of customer service.
- Build & maintain strong working relationships with and between internal and external stakeholders.
- Create and develop a respectful workplace environment that values cultural diversity, innovation, open discussion and cross functional collaboration to help drive high performance.
- Lead by example; role model desired behaviour and priorities; demonstrate personal accountability for self-development and for achieving high quality and timely results.

### SIGNIFICANT WORKING RELATIONSHIPS

- External Maintenance Service Providers, Suppliers and Contractors
- ElectraNet Asset Management
- ElectraNet Network Services

### EQUIPMENT & TECHNOLOGY USED

- Microsoft Office Suite
- Secondary systems software (A. Eberle, General Electric, SEL, Siemens, Schneider etc.)
- Test equipment (Omicron CMC256plus, CPC 100, CT Analyzer, Sverker etc)

### SELECTION CRITERIA

#### KNOWLEDGE, SKILLS & EXPERIENCE:

##### Essential

- A strong understanding of secondary systems design, application and testing practices.
- Demonstrated ability in installation, commissioning and testing principles and requirements.
- Well-developed analytical, investigation and problem-solving skills.
- Knowledge of transmission system components, performance and operation.
- Knowledge of Failure Mode Effects Analysis (FMEA), Hazard and Operability assessment (HAZOP), Layers of Protection Analysis (LOPA), Reliability Centred Maintenance (RCM), and Root Cause Analysis (RCA).
- An understanding of asset life cycle management principles.
- Advance time management, coordination and organisation skills.
- Applied understanding of auditing processes.
- Demonstrable, advanced written and verbal communication skills; good interpersonal skills.
- Knowledge of legislated industry requirements (National Electricity Rules, ESCOSA, OTR, AEMO Guidelines).
- Flexible approach to working hours and after-hours commitments.

##### Desirable

- Minimum 5 years' experience, in the operations or maintenance of secondary systems.
- Experience in reliability engineering (statistical analysis).

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### QUALIFICATIONS:

- Tertiary qualification in Electrical Engineering or relevant trades qualification (essential).
- Eligible for membership of Engineers Australia (essential).
- Chartered status with Engineers Australia (desirable).
- Level 1 Substation Access (desirable).
- White Card training (desirable).

**NOTE:** Copies of the above listed qualifications/licences/certificates are required as evidence on appointment.