

Position Description



Powering a
Bright Future

Senior Secondary Systems Engineer

Operations

Asset Management

Objectives	<p>Manage the effectiveness of the protection & control and SCADA systems for the transmission and distribution networks to deliver TasNetworks' network security, system reliability, and safety commitments:</p> <ul style="list-style-type: none">• develop and implement risk-based asset management strategies and plans, and engineering solutions• develop and review technical documentations and designs for the development and delivery of the capital and operational program of works; and• identify and resolve emerging and potential asset issues and system improvement opportunities.
Role Specific Accountabilities	<ul style="list-style-type: none">• Develop long term strategies and plans for a portfolio of protection & control, SCADA and automation assets in the transmission and distribution networks using risk management and life cycle asset management methodologies;• Contribute to the development of strategies, plans and asset management initiatives;• Contribute to the quality management and execution of strategies and plans, and implementation of AM initiatives;• Conducting site visits to review installation, testing, and commissioning activities as needed;• Collaborate with cross-functional teams to improve our OT environment to meet cyber security obligations;• Deliver options analyses, technical scopes and specifications, business cases, and other documents to define, develop, and deliver the capital and operational program of works;• Contribute and manage the development and maintenance of the asset management plans, technical standards, and guidelines for the design, construction and management of the secondary systems assets;• Lead investigations into asset failures and incidents, including root cause analysis, developing incident reports, and determining actions to the broader business to prevent reoccurrence;• Provide technical advice to the business, its customers, and stakeholders;• Coach and mentor junior engineers and graduate engineers; and• Any other duty or task as reasonably and lawfully directed by TasNetworks.

TasNetworks and **you.**

To be successful in this role

Essential:

- Demonstrate TasNetworks' Core Capabilities, which are central to all positions at TasNetworks;
- Demonstrate the ability to work as an effective team member in a professional engineering environment;
- Degree in Electrical Engineering, with the ability to be registered on the National Engineering Register (NER) as a Professional Engineer;
- At least 5 years' engineering experience and advanced proficiency in protection & control and/or SCADA and automation systems;
- Undertaken projects in utilities, renewables, industrial, commercial or building services, with a focus on EHV, HV substations, solar farms, wind farms, and BESS;
- Extensive experience in the design, installation, operation and management of protection & control, SCADA and automation assets in transmission and distribution networks, including network performance analysis, relay settings, configuration, and testing for protection systems;
- Strong knowledge of power system engineering, high voltage plant and equipment and contemporary electricity network maintenance practices and other relevant Policies, Rules, Acts and Standards;
- Knowledge and experience in contemporary risk management and asset management methodologies;
- Ability to solve complex technical and operational problems, either through a systematic approach or innovation;
- Effective organisational skills and time management abilities to manage multiple priorities;
- Effective communication (written and verbal) and interpersonal skills;
- Ability to demonstrate the capacity to deliver the objectives and the accountabilities of the role;

Desirable:

- Strong understanding and knowledge of IEC 61850 substation protocols, as a standard for protection and control systems.
- Experience in the use of SAP or similar ERP systems.
- Experience in the provision of concept and detailed design of electrical installations; and knowledge of TasNetworks networks and assets and systems.

Reports to:

Leader Secondary Systems

Direct reports:

Nil

Approved:

March 2025

Our behaviours **be curious** **be brave** own it

