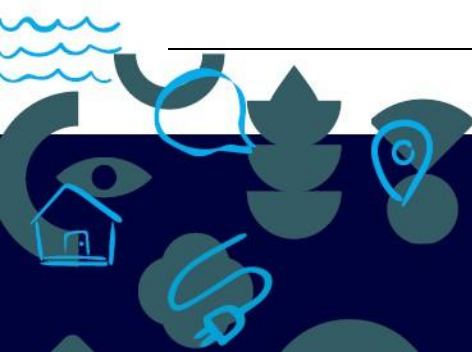


Position Description

Distribution Protection Engineer

Operations	Asset Management
Objectives	Manage the distribution protection system to ensure assets are technically fit for purpose, safe, and reliable; working in conjunction with Network Risk & Assurance, Design and Estimation, Operations Delivery and Networks Operations Team. • responsible for the lifecycle management and continuous improvement of TasNetworks' distribution protection systems; and • ensure protection systems provide effective fault detection, isolation, and coordination across the distribution network.
Role Specific Accountabilities	Distribution Protection Asset Management • Identify, assess, and manage protection system risks and reliability issues across the distribution network. • Develop and maintain a comprehensive database and information systems to facilitate understanding of the distribution protection portfolio, including asset condition, age, technology, performance, obsolescence and criticality. • Develop and maintain lifecycle strategies, renewal plans and investment proposals for distribution protection assets. Prepare asset management plans, functional / technical specifications and technical standards. Distribution Protection System Performance • Investigate protection system maloperations, failures, mis-coordination and abnormal operations; and identify corrective, preventative actions and maintain an integrated improvement program. • Undertake analyses of protection performance data, relay records, fault records and monitor daily operational events, to identify trends and systemic issues. • Produce systematic distribution protection issues and resolution reports - daily, weekly and monthly reporting. Technical Engineering and Governance • Provide technical advice on distribution special protection schemes, settings, application and coordination. • Review and approve protection designs, settings, philosophies and technical documentation. • Preparation of operational procedures relating to protection schemes.



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	• Development of distribution protection technical standards and standardisation of ITPs, templates, checklists, and protection schemes. • Continuously improve to ensure protection designs, coordination, and settings are consistent with relevant standards, network requirements and operational needs. Establish and Manage Distribution Asset Performance Data • Collaborate to improve the quality, completeness and reliability of distribution protection data and performance information. ○ protection schemes; ○ feeder protection arrangements; ○ reclosers and sectionalising schemes; ○ distribution automation; ○ protection settings and configuration; ○ asset age and obsolescence; ○ asset condition; ○ failure and maloperation history; ○ criticality and network consequences. Perform any other duty or task as reasonably and lawfully directed by TasNetworks.
To be successful in this role	Essential: • Demonstrate our Core Capabilities, which are central to all positions at TasNetworks. • Degree in Electrical Engineering. • Experience in distribution system engineering, protection engineering and settings, protection principles, protection coordination, fault analysis and distribution network operations. • Strong analytical, problem-solving and stakeholder engagement skills. • Experience in the use of sap and other asset information data systems in TasNetworks Desirable: • Experience in asset management, risk assessment and lifecycle planning is highly desirable

Reports to:
Leader, Secondary Systems

Direct reports:
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Approved:
August 2026

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