

Position Title	Control Systems Technician South		
Position Number	31541	Location	Alice Springs, Darwin
Designation	TGEN Senior Technical Specialist		
Reports To (Position Title)	Principal Control System Engineer		
Northern Territory Government			
Information for Applicants	Applications must be limited to a one-page summary sheet and an attached detailed resume/cv. For further information for applicants and example applications: click here		
Special Measures	Territory Generation values diversity in the workplace that represents the community. Therefore, under an approved Special Measures Plan, eligible Aboriginal and Torres Strait Islander (Aboriginal) applicants will be granted priority consideration for selection. For more information on Special Measures, go to the OCPE website .		
Information about Selected Applicant's Merit	If you accept this position, a detailed summary of your merit (including work history, experience, qualifications, skills, information from referees, etc.) will be provided to other applicants, to ensure transparency and better understanding of the reasons for the decision. For further information: click here		
Organisational Context			
Territory Generation is a Government Owned Corporation that was formed in 2014. We product approximately 1900GWh of electricity a year using gas, diesel and solar technologies to provide power to the people of the Northern Territory. Our vision is to be the Northern Territory's trusted and respected energy services business.			
Our actions, words and behaviours are guided by a core set of Values that form the foundation of everything we do. Our Values are Focus, Integrity, Respect, Safety, Teamwork. "FIRST"			
We recognise that individually, our employees offer unique value and perspective and we are committed to a workplace that supports people from all backgrounds.			
Employee Responsibilities			
You work as part of a team to safely and efficiently meet your agreed objectives which contribute to the shared vision for Territory Generation. You actively demonstrate the organisation's values and take accountability for your performance and behaviour. Key responsibilities include:			
Focus	<ul style="list-style-type: none"> • Demonstrates an awareness of the Vision and objectives of the Corporation. • Develops individual objectives and, where requested by direct supervisor, adjusts priorities to the needs of the business. • Tracks own performance in line with objectives on a regular basis. • Actively participates in performance reviews and feedback processes. • Remain self-disciplined and calm under pressure. 		
Integrity	<ul style="list-style-type: none"> • Demonstrate the organisation's values. • Conduct business in line with the values and high ethical standards – considers values in business interactions. • Ensures compliance with legal, governance and policy requirements; • Deliver on commitments – where commitments cannot be delivered on, communicates openly and honestly and sets new timelines for delivery. 		
Respect	<ul style="list-style-type: none"> • Takes accountability and responsibility for own actions; • Readily shares knowledge and expertise with others; • Actively supports the team and organisational goals; • Treats change and new situations as opportunities for learning and growth. 		
Safety	<ul style="list-style-type: none"> • Demonstrates safe working behaviours in order to achieve an incident free and safe workplace; • Develops personal safety objectives; • Challenges unsafe behaviours from team mates; • Monitors and takes ownership of own safety performance. 		
Teamwork	<ul style="list-style-type: none"> • Helps team mates feel valued and included in discussions; • Places higher priority on team than individual goals; • Shares important or relevant information with team or other affected stakeholders in a timely manner; • Speaks positively of team mates and other employees; • Focuses on personal growth and addresses development gaps which will help the achievement of performance goals. 		

Role Responsibilities

The Control Systems Technologist is responsible for providing lifecycle management and technical support for Territory Generation’s control systems, instrumentation and data assets across the Northern Territory.

This role is based at Channel Island Power Station in Darwin; however it provides support to all power stations in the Northern Territory which may require travel to other sites.

Key accountabilities include:

1. Carry out duties in accordance with Territory Generation’s safety, environmental and quality policies, corporate values and strategies.
2. Ensure the reliability and availability of control system assets which supports power generation.
3. Perform investigations, troubleshooting, configuration, design, programming and documentation of various systems including DCS, PLCs, Historians, Turbine Control Systems, Instrumentation and SCADA systems.
4. Lead plant failure investigations and perform root cause analysis.
5. Conduct back-up and recovery of control system assets.
6. Manage the development, implementation and maintenance of controls that mitigate cyber security risks on the OT networks.
7. Undertake projects and provide technical advice to other stakeholders.

Selection Criteria
Essential

1. Carry out duties in accordance with Territory Generation’s safety, environmental and quality policy corporate values and strategies.
2. Demonstrated competence in workplace safety and commitment to safe work practices.
3. Develop and maintain asset management and shutdown plans in line with best practise.
4. Knowledge in the design, implementation, documentation, commissioning and maintenance of PLC and DCS based control systems and Instrumentation.
5. Knowledge of the basic operating principles of power stations and the main equipment used (e.g. Generators, Transformers, HV/LV switch gear, turbines etc.) used in power generation or heavy industry applications.
6. Ability to work effectively and diligently as an individual and team member to resolve complex faults on critical equipment.
7. Highly developed written and verbal communication and interpersonal skills, with an ability to interact effectively with different stakeholders and people of diverse cultures.

Desirable

1. Diploma of Engineering (or equivalent) recognised in Australia or equivalent skills, knowledge and experience.
2. Experience in the configuration, troubleshooting and maintenance of Yokogawa DCS, CITECT SCADA, Turbine Control System (Mark VI, Woodward Micronet), Allen Bradley PLC and SCADA.
3. Experience in design and implementation of Enterprise Historian Perdue model and IOT applications and solutions (Asset Framework, Condition Based Monitoring and Predictive Maintenance) based on PI data.
4. Knowledge and experience with data communications protocols, industrial networking equipment and network engineering principles.
5. Knowledge of Functional Safety, Hazardous Area and Project Management standards and principles

REVIEW / AUTHORISATION

HR Review:		Date	
General Manager Assets and Engineering:		Date	
CEO:		Date	

Pre-Employment medicals are a requirement for all Territory Generation positions

For further information please contact: Anojan Bala on 0403 273 433 or anojan.bala@territorygeneration.com.au

Apply online: <https://jobs.nt.gov.au/Home/JobDetails?rtfid=293608>

Closing Date: 21/04/2024