

Position Title	Plant Electrical Engineer		
Position Number	23205	Location	Channel Island, Darwin
Designation	TGEN Band 3 Professional		
Reports To (Position Title)	Principal Electrical Engineer		
Northern Territory Government			
Information for Applicants	Applications must be limited to a one-page summary sheet and an attached resume/cv. For further information for applicants and example applications see: OCPE website		
Information about Selected Applicant's Merit	If you accept this position, a summary of your merit (including work history, qualifications, experience, skills, etc.) will be provided to other applicants to enable transparency and understanding of the decision. For further information see: OCPE website .		
Organisational Context			
<p>Territory Generation is a Government Owned Corporation that was formed in 2014. We produce 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.</p> <p>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"</p> <p>We recognise that individually, our employees offer unique value and perspective and we are committed to a workplace that supports people from all backgrounds.</p>			
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

You will be responsible for providing expert technical support to operations and maintenance teams at Territory Generation's power stations, organising repairs and servicing of generating electrical assets (HV/LV) as identified in the Asset Management Plan.

Your accountabilities include:

1. Ensure the safety, reliability, availability and compliance of electrical equipment and be responsible for the management of all repairs and maintenance of generation equipment. Provide expert advice on the ongoing management and operations of generation assets in Territory Generation's power stations.
2. Be responsible for the implementation, update, and review of Asset Management Plans for allocated generation assets and liaise with Outage Managers and other stakeholders on taking assets offline to undertake repairs and maintenance. Ensure repairs and maintenance projects are completed on time so that assets are available to go back online as scheduled.
3. Conduct root cause analysis investigations into plant operational incidents and faults and produce reports in a timely manner.
4. Review and manage critical spares to maximise reliability and availability.
5. Manage multi-disciplinary teams allocated from operational areas and external contractors to undertake maintenance of allocated assets.
6. Manage and schedule inspections and testings of generation assets to ensure assets are properly maintained and to identify unforeseen issues before they affect output performance.
7. Carry out duties in accordance with Territory Generation's safety, environmental and quality policies, safety principles, corporate values and strategies.

This role may require travel to various locations within the Northern Territory and be available for on-call duties on a rotational roster.

Selection Criteria
Essential

1. Degree in Electrical or Electrical/Electronic engineering, as recognised by Engineers Australia for professional membership.
2. Extensive experience in asset management of electrical assets.
3. High level knowledge and ability to manage repair and maintenance works as well as capital projects relating to electrical plant and equipment.
4. Sound knowledge and skills in root cause investigation and reporting of plant failure incidents and faults.
5. Proven knowledge and experience in testing and verification of primary and secondary systems including protection scheme functional testing.
6. Demonstrate conceptual, analytical, and collaborative skills including the ability to solve complex problems and work within a multi-disciplinary team.
7. Good understanding of relevant industry codes, standards, specifications and regulations.
8. Highly developed interpersonal, written, oral communication and presentation skills with the ability to develop reports on operational incidents and faults with recommendations on improvements.
9. Ability to carry out duties in accordance with Territory Generation's safety, environmental and quality policies and corporate values and strategies.

Desirable

1. Experience with the design, construction or operation of renewable energy technologies and Battery Energy Storage Systems (BESS).
2. Project Management experience in Power Generation or Utility applications.
3. Knowledge of Australian and IEEE standards related to power industry, NT electrical legislation, and System Regulator Technical Code.

REVIEW / AUTHORISATION

HR Review:		Date	
Principal Electrical Engineer:		Date	
General Manager Assets and Engineering:		Date	

Pre-Employment medicals and evidence of Covid vaccination is a requirement for all Territory Generation positions.

For further information about this vacancy, please contact: Boyd Hillebrand at boyd.hillebrand@territorygeneration.com.au

Apply online: <https://jobs.nt.gov.au/Home/JobDetails?rtfId=300116>

Closing Date: 16/07/2024