



Senior Technician

Introduction to SOLA

SOLA is a 100% South African, vertically integrated renewable energy solutions provider, specialising in the development, construction and operation of solar PV and battery energy storage projects. We focus on partnering with the private sector to deliver clean energy to businesses across South Africa using cutting edge clean energy generation and storage technologies. We help our clients to grow and prosper through the adoption of low cost and reliable renewable energy, enabling them to meet their carbon reduction and sustainability targets. For more information, visit www.solagroup.co.za.

The overall purpose of the position:

A 150MWac (195 MWdc) Solar PV Plant with ground-mounted tracking systems is currently under construction and approaching readiness for the commissioning phase in the Virginia, Free State Province area. . This role involves conducting fault and failure investigations, performing repairs, carrying out planned and unplanned maintenance, and generating reports, all while strictly adhering to HSE requirements during the Operations and Maintenance (O&M) phase. Additionally, the successful candidate will be expected to commence services during the approaching commissioning phase of the project and subsequently transition into the Operations and Maintenance team upon project handover and satisfactory work performance of the candidate.

Reports to: O&M Plant Manager

Location: Virginia, Free State

Summary of Responsibilities:

- Oversee/Conduct preventative and corrective maintenance activities.
- Oversee/Conduct repairs and replacement of components.
- Oversee/Conduct switching activities on low voltage and medium voltage (typical 11kV/22kV/33kV/132kV) electrical networks.
- Follow method statements and direction from the O&M Plant Manager.
- Analysis of defects/faults and support with fault finding.
- Manage contractors (e.g. vegetation and module washing, but not limited to) when required.
- Compile investigation reports and review/complete incident documentation.
- Ensure that HSE requirements are adhered to - maintain a clean and safe working environment.
- Log faults, utilize and escalate improvement opportunities to the monitoring software.
- Assist the Manager with maintenance planning and organizing maintenance activities.
- Ensure that the quality of work performed is aligned with reasonable expectations of a competent and qualified senior technician.
- Be willing to perform other Ad Hoc activities on site as guided by the Plant Manager.

Key Performance Indicators

- Planned and unplanned maintenance completed as per plan
- Optimize time to resolve technical breakdowns and tickets
- Implement and maintain HSE compliance and record/update statistics
- Spare part inventory management

Minimum Requirements:

- Must have a National Diploma or similar qualification (Electrical/Mechanical field).

POWERING POSITIVE ENERGY

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DIRECTORS: B. DAMES | C. HAW | D. CHENNELLS | D. WILLS | S. HAW | T. BOARDMAN | REG. NO 2012/042769/07

- Must have solar installation or solar operations and maintenance experience (5+ years), preferably with large scale installations and tracking systems.
- Knowledge of SCADA and communication systems will be advantageous.
- Supervisor experience will be advantageous.
- Must have completed ORHVS training (Authorized Person) and be able to conduct live and remote switching duties.
- Ability to analyze events and failures on electrical networks and mechanical systems.
- Ability to work accurately with sound engineering judgment.
- Some exposure/experience with mechanical systems, such as slow rotating torque transfer systems, will be beneficial.
- Understand/Interpret electrical diagrams, drawings and SLD's (Single Line Diagrams).
- Proven experience on electrical protection schemes and electrical metering systems.
- Understand plant monitoring systems.
- Understand and adhere to HSE requirements.
- Be in possession of a valid Code B driver's license.
- Able to work in a team as well as independently and have strong interpersonal skills.
- Be self-driven and have a strong ability to work independently, but able to work according to approved systems Framework and standards.
- Must be able and willing to perform work that can be physically demanding
- Must be in possession or be able to obtain a medical fitness certificate in terms of Annexure 3 of OHS Act Construction Regulations.
- Have the ability to organize, plan, schedule tasks and prioritize activities
- Must be proficient in English (verbal and written communication) and preferably another language.
- Must be fully computer literate (MS Office Suite and Google App Suite) and be able to be trained in the other systems.
- Preference will be given to candidates residing in Virginia and the broader Matjhabeng community.
- Candidates must have access to their own transportation for commuting to and from work, and for operational reasons, reside within 30 km from the site

At SOLA one of our core values is *Dig Diversity* and we are committed to transformation and embracing diversity. This commitment is what drives us to achieve a diverse and inclusive workplace, representative of the demographics of our society. We therefore give preference to applicants from the designated groups in alignment with our Employment Equity plan.

To apply for this vacancy, please complete [this screening questionnaire](#) and send a copy of your CV to hireme@solagroup.co.za.

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