



## Senior O&M Technician

### Introduction to SOLA

The SOLA Group is a vertically-integrated provider of renewable energy solutions, aiming to transform Africa through clean energy. With over 13 years of experience, SOLA's expertise lies in the origination, development, financing, engineering design, project management and Operations and Maintenance of renewable energy facilities. For more information, visit [www.solagroup.co.za](http://www.solagroup.co.za).

### The overall purpose of the position:

A 100MWac (130 MWdc) Solar PV Plant with ground-mounted tracking systems is currently undergoing commissioning in the Lichtenburg area and is nearing the start of operations. 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. Additionally, the successful candidate will be expected to commence services during the commissioning phase of the project and subsequently transition into the Operations and Maintenance team upon project handover and satisfactory work performance of the candidate.

The candidate should reside within 30 km of the site during both the commissioning and O&M phases. Preference will be given to candidates from the local Lichtenburg communities.

Reports to:	O&M Plant Manager
Location:	Lichtenburg, North West Province
Contract type:	Permanent
Number of positions:	One (1)

### 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

#### CLEAN ENERGY FOR AFRICA

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- 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.
- 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.
- Candidates based in Lichtenburg or in close proximity to Lichtenburg will be given preference.
- The ideal candidate will be passionate about the renewable energy industry and will embody respect and responsibility in the full sense of the word, while enjoying contributing to a team of highly knowledgeable professionals.

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.

### Application Instructions:

Complete this application form:	<a href="#">Click on this hyperlink</a> and follow the instructions.
Closing Date:	In the interest of finding the most qualified candidates, we do not have a specific closing date for this position. We will continue to accept applications until we identify ideal candidates. We encourage interested individuals to submit their applications as soon as possible.

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