



Electrician (ARM)

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 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.. The position would require fault/failure investigation, repair, planned and unplanned maintenance of equipment as well as reporting, all while adhering to the HSE requirements.

The candidate should reside within 30 km of the site. Preference will be given to candidates from the local Lichtenburg communities.

Reports to: O&M Plant Manager

Location: Lichtenburg, North West Province

Summary of Responsibilities:

- Conduct preventative and corrective maintenance activities
- Conduct repairs and replacement of components
- Conduct switching activities on low voltage and medium voltage (typical 33kV/132kV) electrical networks
- Follow method statements and direction from the O&M Plant Manager and Senior Technicians
- Attend to defects, conduct fault finding
- Oversee contractors (e.g. vegetation and module washing) when required
- Write/contribute to investigation reports, fill out incident documentation
- Ensure that HSE requirements are adhered to - maintain a clean and safe working environment
- Log faults and utilize the monitoring software
- Ensure that the quality of work performed is aligned with reasonable expectations of a competent and qualified Electrician
- Willing to work standby/Overtime as per the company policy requirements.
- Be willing to perform other Ad Hoc activities on site as guided by the Senior Technician (s) and Plant Manager

Key Performance Indicators

- Planned and unplanned maintenance completed
- Time to resolve technical breakdowns and tickets
- HSE compliance and statistics
- Spare part inventory management

Minimum Requirements

- Must be a qualified Electrician/Millwright and therefore have passed the required trade test
- Minimum N3 academic qualification (Electrical)
- Must have solar installation or solar operations experience (1+ years), preferably with large scale installation and tracking systems

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SOLA GROUP (PTY) LTD | T: +27 (0)21 421 9764 | INFO@SOLAGROUP.CO.ZA | WWW.SOLAGROUP.CO.ZA

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

- Knowledge of SCADA / PLC and communication systems will be advantageous
- Preferably must have ORHVS training (Not Compulsory) to be able to conduct live and remote switching duties
- Some exposure/experience with mechanical systems, such as slow rotating torque transfer systems, will be beneficial
- Understand/Interpret technical drawings and SLD's
- 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 medical fitness certificate in terms of Annexure 3 of OHS Act Construction Regulations
- 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 Wards 16 within the Ditsobotla Local Community and Lichtenburg at large.
- 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.

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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