



# We're Hiring

## SENIOR ELECTRICAL ENGINEER



We are seeking an experienced and driven Senior Electrical Engineer with strong project management skills to lead critical energy and resource efficiency initiatives. This role offers the opportunity to make a significant impact on South Africa's resource efficiency and security of resource supply by optimizing energy, water, and waste systems across multiple sites, with a focus on sustainability and innovation. If you are passionate about engineering excellence and leading cutting-edge projects, this is the perfect role for you.

### KEY RESPONSIBILITIES:

- **Lead Multi-disciplinary Teams:** Take charge of a team of skilled engineers to conduct comprehensive technical site assessments, delivering end-to-end solutions for optimizing energy, water, and waste management.
- **Energy Systems Leadership:** Drive the energy workstream, leveraging your expertise in electrical and renewable energy systems to develop and implement innovative solutions that enhance energy efficiency.
- **Project Management:** Oversee project delivery from conception through to completion, ensuring that all resources are effectively managed, timelines are adhered to, and outcomes exceed expectations.
- **Technical Master Planning:** Develop and implement a comprehensive master plan for energy, water, and waste management tailored to each facility, ensuring long-term sustainability and cost-effectiveness.
- **Stakeholder Collaboration:** Work closely with internal and external partners to create tailored solutions for new and existing sites, ensuring that all stakeholders are aligned and engaged.
- **Quality Assurance:** Ensure that all final reports and project deliverables meet the highest quality standards, complying with ISO requirements and other regulatory frameworks.
- **Health & Safety Leadership:** Champion best practices in health and safety, ensuring that all statutory, regulatory, and company standards are met or exceeded on all projects.

### ENERGY SYSTEMS ANALYSIS:



Conduct in-depth energy audits to identify opportunities for optimization and innovation.



Perform life cycle cost analysis and risk assessments to support data-driven decision-making.



Assess and enhance electrical power quality, load management, and system stability.



Develop strategies for improving power factor correction, voltage regulation, and overall system performance.

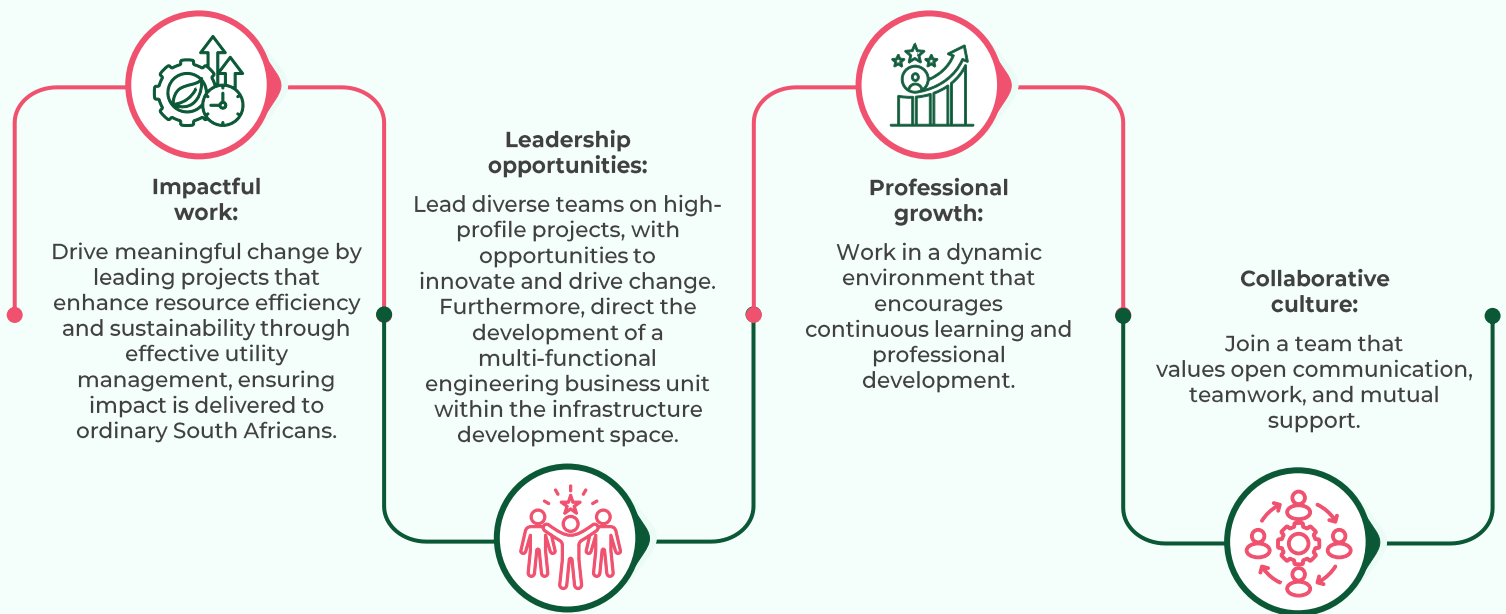


Evaluate and integrate renewable energy solutions, including feasibility studies for energy storage and smart grid technologies.

## WHAT WE'RE LOOKING FOR:

- **Educational Background:** BSc/BEng degree in Electrical Engineering or related field. A qualification in Project Management is a strong advantage.
- **Experience:** 10+ years of experience in electrical engineering, with a proven track record in energy efficiency and renewable energy systems, particularly in a property or facilities management environment.
- **Professional Registration:** Registered with a recognized engineering body (ECSA); SACPCMP registration is a plus.
- **Certifications:** Professional certifications such as CEA, CEM, CMVP, CREP, BEMP, or similar are highly desirable.
- **Technical Expertise:** Deep understanding of energy systems, with hands-on experience in design management and project leadership.
- **Project Management Skills:** Demonstrated ability to manage complex, multi-disciplinary projects from start to finish.
- **Software Proficiency:** Expertise in CAD, energy modelling, and project management software (e.g., MS Project).

## WHY JOIN US?



## PERSONAL ATTRIBUTES:

We value strong communicators with excellent problem-solving skills who thrive under pressure and consistently strive for excellence. Your ability to write detailed technical reports, manage complex projects, and maintain a positive, proactive approach will be critical to your success in this role.

The successful candidate for this position will enjoy working with a market leading team in the infrastructure financing and advisory industry, and work on the redevelopment of South Africa's core infrastructure.

## Application Details:

Applications must be sent to: [careers@mahlako.co.za](mailto:careers@mahlako.co.za)

*Only shortlisted candidates will be contacted.*