



Sustainable Solar Systems (Pty) Ltd
53 Carlisle Street
Paarden Eiland
CAPE TOWN WP 7405
Reg. No. 2017/521912/07
VAT No. 4180292783

SustainSolar Job Advertisement: Electrical Engineer Intern

Application Deadline: Friday 04 June 2021

About Sustain Solar

Launched in 2018, [SustainSolar](#) was established to support the electrification needs of emerging markets with clean, turnkey technology suited for various applications that require a decentralized, clean and dependable power supply. Our containerised, pre-installed solar systems are equipped with top-quality solar PV modules and electronics including lithium-ion batteries and come in three standardized yet adjustable product configurations from small to large to suit a wide range of energy needs. Our production system and assembly facility are geared for once-off and bespoke projects and large-scale rollouts of mini-grids alike. Designed and manufactured in Africa, with world-class components, for the remote, demanding locations of our clients.

Headquartered in South Africa (Cape Town), the SustainSolar team focuses on business development across sub-Saharan Africa with current business activities in numerous countries such as Malawi, DR Congo, South Sudan, South Africa and Uganda. With growing activities, a good presence on the African continent, an expanding network of partners; SustainSolar is rapidly establishing itself as the preferred equipment supplier for mini-grid, off-grid, hybrid fuel as well as mobile and rapid deployment solar applications.

Job Description:

This is an exciting opportunity to kick-start a rewarding career in energy access, and support SustainSolar's growth as the leading equipment supplier and manufacturer in sub-Saharan Africa.

The preferred candidate will work closely with the technical team, supporting business development efforts mainly through the following:

- Support client proposals (system sizing, system configuration, design of client solutions)
- Where required, liaise with suppliers to collate quotes, pricing to refine proposals
- Support the operations team with installation, and compilation of the required client hand-over documents and required processes such as factory acceptance tests (FAT)
- Support the product development team where required (technical drawings, conduct tests, etc), and conduct research where required.
- Support lead electrical engineer, and proposal engineer to ensure project proposals are delivered on-time, in full, and with no error.

Requirements:

- BTech and/or B.Eng in Electrical, Electronical, or Electro-Mechanical Engineering
- Knowledge of CAD and PV Design tools
- Ability to work in a team as well as independently.
- Strong written and verbal communication skills in English and preferably another language such French, Portuguese, Swahili, etc.
- MS Office proficient
- Valid driver's license
- Strong interpersonal skills
- Excellent analytical, problem solving and critical thinking skills
- Must have a strong academic record
- Possess good work ethic with attention to details, and analytical skills

Position Details

Type of contract: Full Time

Place of work: Cape Town (South Africa). The office is located at 53 Carlisle Street, Paarden Eiland.

Salary package: R5,000/month stipend with the option to become permanent employee post the internship period of 3 months. Please note that should the candidate be retained as a full-time employee, a market related base salary as Junior Engineer will be negotiated.

Start date: Start 1 July 2021 or earlier

Application Details

Application deadline: Interested candidates should send their applications by no later than **COB Friday 04 June 2021**

Contact details: info@sustainsolar.co.za

Interviews Schedule: Shortlisted candidates will be informed by Tuesday 08 June 2021 and must be available for online interviews from Wednesday 9th – Friday 11th June 2021.

Please note due to anticipated volumes of applications received – correspondence will only be conducted with shortlisted candidates. If you have not received a response within 14 days, please consider your application unsuccessful.