

22 October 2025

1 Vacancy Details

Employer: [Broadreach Energy](http://www.broadreach.energy)

Due to the growth currently experienced by our company, Broadreach Energy is expanding its technical team. We are looking to appoint a Renewable Energy Engineer to add to our established and diverse pool of skills. The success of our business development team means we particularly need to add capacity to manage the contracting, construction and operation of successfully concluded projects.

The successful candidate will have proven technical ability, a willingness to learn and the right attitude to get things done. They will assist the existing team in designing and managing projects for our clients. In addition, they will become involved in various other aspects of our business, financial analysis, modeling, operation and maintenance of projects, and technical trouble-shooting.

2 Required Skills

- Engineering Degree(Electrical, Industrial, Mechatronics Or Mechanical): 1 year or less
- Strong MS365 Skills: 1 to 2 years
- High Excel Proficiency: 2 to 3 years
- Project Management An Advantage: 1 year or less
- Experience With Python And AI Tools An Advantage: 1 year or less

3 Candidate Requirements

Behavioural Competencies

- Strong analytical skills, able to process large quantities of data and decipher patterns.
- Strong people and communication skills, to be able to communicate technical information to contractors and clients in a simple manner.
- Must have a passion for the renewable energy industry
- Must be organized and able to organize others.
- Confident and professional with the ability to negotiate and communicate within a corporate business environment.
- The ability to work on one's own to meet deadlines in concluding projects timeously.
- Motivated and driven by goals.
- High performer with a proven track record.
- Ability to "learn on the job" – the successful candidate is not expected to be experienced in our field, but will have the opportunity to upskill themselves through hands-on experience.
- Being comfortable with travel and working on your own in this environment is a must.

Areas of responsibilities

- Designing solar and battery power plants for C&I customers in Sub-Saharan Africa
- Preparing quotes and proposals for clients
- Monitoring and optimising the operation of plants.
- Pro-active identification of deficiencies or gaps in projects and contracts at all stages.
- Identifying areas for improved system design and bringing these into the standard design process.
- Working with business development team to assess and propose optimal renewable energy solutions for our clients' needs. This will involve metering of consumption, analysing consumption data and patterns and energy costs, understanding relevant laws and regulations, and then modeling and designing the optimal system to meet client needs for reduced cost, reduced carbon emissions and backup power.
- Working with contractors and suppliers to compile construction costs.
- Modeling and pricing finance solutions for clients, and preparing proposals to clients.
- Support project management team with contracting and oversight of projects.
- Support the business development team in expanding Broadreach's offerings for energy efficiency and water treatment solutions.

Should you not receive feedback within 10 days of submission, please consider your application unsuccessful