

## Vacancy: Industrial Engineer Graduate Intern

Are you an Industrial Engineering graduate with a passion for contributing to the **sustainable development** of your environment and the world around you? If yes, this internship could be the position for you.

### Company Background

Next Renewable Generation Pty (Ltd) is a South African IPP (Independent Power Producer), Project Developer, ESCO (Energy Services) and Environmental Sustainability Consulting Company operating in the C&I (Commercial and Industrial) space, whose primary business is the selling of energy generated from renewable sources to private off-takers in Africa. Our business also contributes to general environmental sustainability with a focus on water & renewables, including solar, gas, CHP, biogas, and thermal projects. Energy & water saving audits and consulting help scope and support our primary business model which is to conclude PPAs (Power Purchase Agreements) with our clients. NrG is leading a customer-driven change in the energy industry by delivering cleaner and smarter sustainability choices, while building on the strengths of a rich history with partners with large diverse competitive power portfolios. NrG creates value by driving innovation in environmental sustainability and customer-centric solutions. Visit our website at <http://www.nrgeneration.com/> for more information on what we do and who we are.

### Requirements:

- ✓ B.Sc (Eng) / B.Eng in Industrial Engineering
- ✓ Previous exposure or focus on solar energy and or renewables will be highly advantageous.
- ✓ Excellent Communication skills
- ✓ Own transport

The position will be based in Sandton, Johannesburg, (making some allowance for virtual work) with intermittent local travel within Gauteng to client's sites. Own vehicle with driver's license necessary. No two days will be the same, and there will be massive opportunity for growth in many areas. As part of a growing team you will be able to develop into a responsible, capable, driven, and integral member of the team.

### Job Profile:

The graduate will form part of the Project Development team and report to the Senior Project Manager for project development.

The role could include but not be limited to:

- ✓ Support, plan and manage project development activities for energy efficiency and generation projects. This may include but is not limited to the preparation of proposals, tender submissions, and costing estimates.
- ✓ Conduct site assessments for the development of energy and water saving projects.
- ✓ Assist with the analysis of energy and water usage.
- ✓ Support the coordination and management of suppliers and contractors for energy & water projects.
- ✓ Assist with PV simulation studies to support the development of PV projects.
- ✓ Provide support and input during energy & water measurement and audit engagements.

- ✓ Provide support and execute the installation of energy meters during energy measurement and audit engagements.
- ✓ Support and or manage the analysis of data collected during energy & water measurements and audit engagements.
- ✓ Assist with report writing of energy & water measurement and audit projects.
- ✓ Support the continuous improvement of the Company through doing research on new technology, software tools, technical engineering capability and project management processes.
- ✓ Perform or oversee analyses to optimize site layouts and equipment selection to maximize performance and minimize lifecycle costs for energy and water projects.
- ✓ Support the activities of designers, consultants, and contractors to achieve efficient use of resources, meet deadlines for deliverables, minimize delays, avoid crises, and resolve conflicts for projects.
- ✓ Support the Project Development team through the ongoing search for improved system cost and performance by contributing to evaluations of new technologies, systems, and components, and be versed in emerging regulations, technologies, and techniques in the sustainability & clean energy industry.

The renewable and sustainable energy industry is growing at an exponential rate and as a graduate you will obtain extremely valuable exposure and experience in developing successful projects. You will learn how this new industry is supporting the creation of new companies and contributing to economic growth and improved sustainability for society as a whole. As part of the development team you will also gain useful business acumen in terms of determining if certain projects are good investments, how to get financing for projects and eventually closing the deal. If you feel that you are passionate about sustainability and driven by reaching goals this could be a position for you.

#### Contract:

A one-year contract is available with commensurate salary aligned with SME industry benchmarks for internships.

#### Application Process:

If you are interested in the position,

submit your application via email with your cover letter and CV to [info@nrgeneration.com](mailto:info@nrgeneration.com).

Good luck!



NrG Project Development Team