

Position description: Solar PV Electrical Engineer

Location: Manila, Philippines

Status: Fix-term contract

Job Category: Engineering/Product

Industry: Renewable Energy

Education Required: Bachelor's Degree or other relevant qualifications

Experience: as a minimum 5 plus years solar PV systems and products' design is preferred

About Clenergy:

Clenergy is a leading manufacturer of high quality, versatile solar PV mounting products and solutions for commercial, residential and utility-scale customers. Originally founded in Melbourne, Australia in 2004, Clenergy became a Sino-Australian joint-venture in 2007 with its Headquarters now located in Xiamen, China. Clenergy currently employs in excess of 400 people worldwide.

The Position in brief:

Now we provide an opening for a Solar PV Electrical Engineer. Your role will be responsible for all aspects of engineering design, analysis and development of new and advanced solar PV systems. You will work closely with our global team, key customers and partners and with local certification and industry bodies.

The individual must be interested and able to work in a multi-national and cultural environment to draw on resources in other locations. In addition to providing a climate for professional growth, Clenergy offers a competitive salary package.

Duties & Responsibilities:

- Responsible for electrical design package (module to AC output, wiring, modelling, electronic protection circuits, wiring, j-boxes, maximum voltage, site performance etc...) using modelling software and analysing;
- Provide safe, timely and high quality PV module to systems designs utilizing state of the art modelling and design skills;
- Interface with local officials and utility engineers to design the best system configuration;
- Maintain awareness of new product technology and communicate pertinent developments to colleagues;

- Interact with electricity utility companies and regulatory authorities with regard to solar PV projects;
- Plan and manage the logistics of supplying components for large solar PV projects;
- Follow systems performance in the field and report power variations and other parameters;
- Perform power and energy monitoring of large systems in the field and prepare summary reports.
- Perform other departmental duties as required.

Position Requirements:

- A Bachelor of Science degree in Electrical Engineering or Mechanical Engineering degree. Advanced degree desired;
- A minimum of 5 years experience performing design of solar PV systems and products;
- Experienced with solar PV system design, inverters, wiring, grounding, utilities interface and performance monitoring. Experienced with Semiconductor technology desired;
- Technically proficient in the field of photovoltaic conversion, direct current circuits and protection designs with a working knowledge of solar PV system modelling;
- Familiar with international Standards for solar PV systems, and other relevant standards;
- Self-motivated, high energy, Original thinkers, with project management skills, able to succeed in a team environment, with imagination, creativity, and vision, able to assume increasing responsibility in a highly successful global organization;
- Excellent verbal and written communications skills with internal and external customers;
- Solid general knowledge of computer technology and be proficient with 2D and 3D modelling software such as Solid-works, PV System, and AutoCAD;
- Have a passion for renewable energy and want to ensure a future for the environment. Overseas trips may be required for technical support, training and internal/external meetings;

If this describes you and you want to work for a company that delivers quality products, innovation and exemplary service to its partners then please apply now at hr@clenergy.com.cn

(Please submit cover letter and resume to us with subject mention the position you are applying for, thank you!)