



Job Opportunity

Senior Power Grid T&D Engineer (“Power Grid Engineer”)

Singapore, 16 September 2020

The primary focus of WEnergy Global Pte Ltd (“the Company”) is on the electrification of off-grid rural communities, new townships and industrial estates using a versatile range of renewable energy technologies, advanced storage systems and smart financing to create world class solutions for clean, reliable and affordable electricity for our consumers, communities and host countries. We are a thought partner for key decision-makers in policy development and technology choice, and assist with local capacity building to facilitate accelerated transition to resilient, productive, and sustainable life-styles. Also refer to our website: www.wenergyglobal.com (please also visit our social media pages on LinkedIn, Facebook, Instagram and Twitter).

The Company develops, designs, builds, owns, finances and operates renewable energy power plants and micro-grids on islands and in remote areas of several ASEAN countries. The business portfolio, that also includes rooftop solar PV systems for the C&I sector, is rapidly expanding.

The Company’s headquarter is in Singapore and has teams of specialized staff in Singapore, Philippines, Myanmar and Indonesia. Our corporate culture is shaped by brilliant minds from 10 different countries and embraces international principles of good governance. WEnergy Global is a shareholding partner of CleanGrid Partners Pte Ltd, a joint venture company with the Tokyo Electric Power Corporation PowerGrid Inc. (TEPCO-PG); for more information, please refer to <http://cleangridpartners.com>.

WEnergy Global Pte Ltd is a member of the Singapore Business Federation (SBF) and a signatory of the Paris Agreement on Climate Change through the Pledge for Climate Actions. The company is winner of the Singapore APEX Award 2016 of SBF, the Winsemius Award 2016 of the Dutch Chamber of Commerce Singapore. It also won the Erasmus Energy Business Award 2014 of the Rotterdam Business School, The Netherlands for its innovative project design of a micro-grid powered by a renewable energy hybrid power system for Philippines.

We have an opportunity for a talented Senior Transmission and Distribution Engineer (“Power Grid Engineer”) to join our company and take charge of designing & executing power transmission and distribution systems including electrical protection and control systems of renewable energy power projects.

Responsibilities

The successful candidates will be responsible for:

- Development of complete engineering design packages for power grid systems, including single-line and three-line diagrams, schematics, logic and functional diagrams, panel layouts, interconnection diagrams, equipment specifications and bills of materials;
- Sizing and Definition of requirement specifications for power transmission and distribution equipment and components, including transformers, substations, smart meters and all relevant support structures;
- Carrying out power system/ grid stability/impact studies and loss calculations, including the use of simulation software (preferably ETAP);
- Evaluation, demonstration and deployment of technologies that ease grid integration (e.g. storage, demand response);
- Direction and/or participation in client meetings/site visits to collect or deliver design and engineering data;



- Communication with local authorities/utilities concerning system and interface requirements;
- Technical direction and on-the-job training to drafters, engineering technicians, and less experienced engineers;
- Identification, approach and technical support for negotiation with suppliers of components and local electrical and civil engineering contractors;
- Site supervision during the construction of the designed power grid systems and communication with the site project manager to ensure in-time and in-quality deliverables;
- Preparation of documentation for customers.

Competences & Capabilities

The candidates would possess capabilities and qualifications as follows:

- Minimum a Master's Degree in Electrical (Power) Engineering (**Please do not apply if you don't meet this requirement**)
- Minimum of 5 years of hands-on experience in distribution and/or transmission modeling, planning and project execution;
- Knowledge of the threats and opportunities of distributed generation to grid operators;
- Preferably knowledge of 'smart grids' in particular in cases of micro/island grids;
- Proficiency in modeling software (e.g. ETAP, PowerFactory, Aspen DistriView, PSSE, LabView), AutoCAD, Microsoft Office applications and excellence in reporting in English (written and oral);
- Communication and interpersonal skills including the ability to work as a team member and to clearly communicate approved actions for accurate implementation;
- Ability to work independently as well as a team member with a strong sense of initiative and pro-activism and cultural diversity;
- Ability to confidently and comfortably present technical solutions to key stakeholders and respond in a timely manner to technical concerns and answer questions in a knowledgeable, articulate manner.

Location

The position is located at the WEnergy Global Headquarters in **Singapore**. Frequent travelling to countries within ASEAN is required.

Remuneration

WEnergy Global offers internationally competitive compensation packages to its employees, including selective access to its Employees Shareholding Option Schemes.

Application and Contact

Please send us your **application letter and comprehensive resume** to hr@wenergyglobal.com with mention of "Senior Power Grid T&D Engineer" in the subject of the email. Application without a cover letter will not be considered by the company. Your cover letter shall clearly describe your motivation and compliance with the above roles and qualifications. Or via courier to following address: WEnergy Global Pte Ltd, ALICE @ Mediapolis, 29 Media Circle #04-18, Singapore 138565.

Closing Date: 16th October 2020

WEnergy Global PTE LTD has a diverse environment and is proud to be an equal opportunity employer. All qualified and experienced applicants will receive consideration for employment without regard to race/ethnicity, religion, gender, sexual orientation, national origin, disability, marital status or age.
