



Solar PV Design Engineer

Are you looking for a meaningful career that makes a difference in the world?

Then consider joining LYS Energy's team where you will do just that. At LYS Energy, we want to attract the industry's best and brightest talents to help us achieve our vision to be the pioneer in generating solar energy in a sustainable way for the benefits of the entire ecosystem and in all verticals we service.

We are currently seeking a Solar Photovoltaic Design Engineer with strong background in Electrical and Solar PV System Design.

Key Roles & Responsibilities

The Solar PV Project Design Engineer will be responsible for the design, engineering and technical sales support.

- Solar PV Design and Engineering with good engineering practice and in compliance with CP5, SCDF FSC and regulatory codes relevant to Solar PV Installations
- Carry out site visits to assess the project suitability, verify roof layout as provided by client or by sales team
- Carry out feasibility studies: PV system design and modeling, selection of system components, load analysis, bill of material and costing, redaction of reports and proposal
- Assist and support sales department in technical clarifications
- Provide design for electrical layout including single-line diagrams, interconnection details, wiring & block diagrams
- Prepare calculation for cable losses, trunking sizing
- Provide 3D modelling & shading analysis using Sketchup and Skelion
- Provide engineering support as needed to the project development and project management teams
- Liaise with suppliers, master latest technology available
- Conduct side research on linked topics and support internal processes

Job Requirements/ Qualifications

- Degree or Polytechnic Diploma in Electrical Engineering/Clean Energy/Renewable Energy
- Minimum 1 to 2 years of experience preferred
- Graduate Engineers welcomed
- Skilled in CAD softwares, Sketchup, PVsyst, HelioScope
- Able to read to Electrical Single Line Diagram (SLDs), Roof plans and drawings
- Ability to speak fluent English

Ideal Profile/ Personal Characteristics

- Motivated self-starter and fast learner, ability to multi-tasks;
- Need for Excellence;
- Persistent, driven and goal-oriented;
- Team player who works well across departments;
- Good balance between technical knowledge and people management capabilities;
- Excellent verbal and written communication skills in English
- Total transparency and straightforwardness
- Team player with good communication skills
- Able to multi-task and manage several projects simultaneously
- Keen to learn and have the passion for Renewable Energy

About LYS Energy Solutions:

LYS Energy is a Singapore-based Independent Power Producer (IPP). We develop, finance, install and operate Solar Systems for Commercial, Industrial and Public sites throughout Southeast Asia and help organizations go green smoothly without risks whilst providing more independence and predictable utility costs.

At LYS Energy, we believe that moving towards a more sustainable energy mix using Solar production systems can greatly contribute to the transition of Southeast Asia to a low-carbon future.

We also believe that supporting this move towards green, efficient and smart distributed energy systems can make perfect economic sense and deliver rapid tangible value to our customers.

How to apply:

Send resume + cover letter to contact@lysenergy.com