



Solar / Electrical Engineer

Job Description

Right People Renewable Energy (RPRE) is a Singapore-owned renewable energy startup operating in both Singapore and Indonesia, that provides Renewable Energy solutions and services for Commercial and Industrial clients. We assist companies in switching from pollutive fossil-fuel based energy to clean and efficient Solar and Renewable Energy.

As part of the Right People Group of Companies, we have over 40 years of working experience in Singapore and Indonesia. We possess a strong understanding and knowledge of energy-related problems that confront many industries and communities in an era of climate change and depleting energy resources. RPRE is committed to assisting our clients to be independent of these problems and transition towards a future powered by our Renewable Energy solutions.

Job Summary

RPRE's focus is on helping off-grid clients reduce their dependence on fossil fuels such as Diesel by switching to Renewable sources of Energy. As a Solar / Electrical Engineer at RPRE, you will join the engineering team in designing and installing primarily Hybrid Solutions (Solar, Batteries, Genset) for our clients.

Roles and Responsibilities

- Installation, testing, operation, maintenance, and repair of systems and equipment at site
- Conducting site feasibility studies and assisting with site surveying for PV layouts, building measurements and solar trajectory, shading, and power output calculations.
- Performing electrical designs and calculations including AC and DC cable sizing, voltage drop, over-current protection, Arc-Fault and Ground-Fault protection, grounding system design, metering, and other design elements
- Utilize design and performance modelling tools such as PVSyst to support proposals
- Evaluate system performance components including voltage drop, power loss, circuit length

Requirements

The ideal candidate for this position will preferably possess the following qualities:

- Degree or Diploma in Electrical Engineering / Power Engineering
- Up to 3 years working experience in Electrical or Power Engineering. Fresh Graduates are welcomed to apply
- Experience with utilizing Helioscope, PVSyst or HOMER Pro
- Experience with AutoCAD, and electrical line drawing.
- Understanding of Solar Photovoltaic and Battery Storage Systems
- Mechanical knowledge of solar mounting systems
- Willingness to travel around SE Asia (10% of time) with some overnight stays required

Application Procedure

In your application, please submit the following to SG@RPREasia.com:

1. CV
2. Cover Letter
3. Google Slides presentation about the following:



- Self-introduction
- What are your perspectives about the Renewable Energy Industry?
- Why do you want to join RPRE?
- In the next 5-10 years, what do you see yourself doing?

The presentation can be brief and concise, but please use Google Slides for your presentation as we primarily use this in our work.