



Role

Senior Solar PV Engineer

Paris, France

Our client is a top tier consultancy in the renewable energy sector who are currently looking for an experienced Senior solar PV Engineer to join their solar division in France. The post holder will be required to travel to the other solar divisions based in Spain, Italy, Germany and UK.

Key Responsibilities

- Undertake PV energy production assessments which include: site visits to define the horizon line and the near shadings, Global Horizontal Irradiation and Diffuse Irradiation data processing and quality checking, correlation analysis, simulation of the PV plant performance with standard software packages in the industry, estimation of other factor losses to get the Performance Ratio, statistical analysis of the uncertainty and produce a report with conclusions and recommendations to reduce the global uncertainty of the results.
- Undertake PV Due Diligence analysis which include: technology review, contract review, permit review, opinion on the costs, site visits during the construction and Provisional Acceptance, technical inspection at the end of the warranty period and operation monitoring on a monthly or quarterly period.
- Inspection of PV manufacturing facilities (Modules, inverters, trackers) in order to provide a Bankable report on the technology of new players in the market.
- Responsibility for preparing proposals, which will be approved by Solar Manager.
- Produce detailed reports which review the feasibility of sites for development which will include generation of a draft design, assumption of a Performance Ratio for the draft design, use of irradiation data bases and feasibility studies.
- Analysis of production data of PV existing plants and irradiation data in order to improve methodology and contribute to develop internal tools for PV plant simulation.
- Work in a global team with good communication skills in order to provide technical support for projects in Europe, America, Asia and Middle East.
- Managing multiple projects to ensure they are completed within timescale and budget.
- Any other duties as directed by line manager.

Essential skills and experience

- Substantial experience of PV energy assessments and/or Due Diligence analysis
- Strong analytical skills and an aptitude for analysing statistical data.
- Familiarity with PV software packages for simulating PV plants and PV supply chain and market technology
- Excellent organisational and time management skills
- Fluency in English
- Ability to write and compose clear and accurate reports in English and in German/Italian; other languages an advantage.
- Ability to work in a pressurised consultancy environment - operating to tight timescales.
- High motivation to work for the expansion of Solar team.
- Knowledge of the PV energy at the consultancy level for the French market