

About PEPL

We are India's Leading Energy Company, Clean and safe energy, the solar energy

Solar Energy – Today's resource for a brighter tomorrow!

Electrical Engineer

We are looking to hire a passionate Electrical Engineer to join our growing solar EPC.

About the Role

We are hiring an Electrical engineer to design and implement complex industrial, commercial and domestic electrical systems. To do well in this roll you should be the licensed professional engineer and have extensive experience as an electrical engineer.

What You'll Do

- To determine the capacity of solar power system based on customer load consumption. However, in many cases, System Integrators may be asked to design and supply XX KWp based on Customer's preferences, budget, space available etc.
- To select right PV modules, Inverters, string size, cables, protective devices and tracking system.
- To plan an optimum layout which suits regular cleaning activities.
- To design an Inverter with best efficiency, deploying MPPT (Maximum power point tracking) algorithms, limit the harmonics content, better voltage regulation, synchronize with grid, charge the battery.
- To select right topology of converters, rectifiers and Inverters, power electronic devices (from IGBT, MOSFET etc), switching frequency, design filters and control systems for Inverters and rectifiers.
- Create electrical single-line diagrams, panel schedules, or connection diagrams for solar electric systems using computer-aided design (CAD) software.
- Create checklists for review or inspection of completed solar installation projects.

Nice to Haves

- Minimum Educational qualification BE Electrical/Electronics.
- Renewable Energy (Solar/Wind) Experience will be preferable.
- Basic Knowledge of Software's AutoCAD, PV System, MS Excel, Power point.
- Excellent interpersonal skills.
- Good Communication Skills.

Location: Indore

Kindly share your resume on Shraddha.r@pickrenew.com