

We are Hiring

Position: AM/Manager – PV Solar- DC Engineering
Experience: 5- 10years
Location: New Delhi



Interested in a new challenge in a fast-growing and ambitious organization, amongst the leading renewable developers in India? Want to be part of an exciting journey towards the development and implementation of innovative and sustainable energy solutions?

Eden Renewables India is currently offering a unique position as **AM/Manager – PV Solar- DC Engineering** within the **Engineering Department** where you will be playing a fundamental role within a team of highly-skilled and experienced professionals. With an embedded culture of diversity and team spirit, Eden Renewables India is striving to get the most-suited working environment for each individual to grow and achieve their full potential within the organization.

About us:

Incorporated in 2016 as a Joint-Venture between **Total Eren** and **EDF Renewables**, Eden Renewables India has been developing, engineering, financing, constructing and operating over 2.2 GW of solar PV assets in India.

Key roles and responsibilities

- Inverter rating calculation and AC circuitry up to power evacuations, up to 220KV and above.
- Documentations preparation for complete DC and AC and other electrical work including SCADA and SLDC communication system and weather monitoring systems.
- Design consideration for Installation method of various equipment as require in Solar PV plants.
- Aligning with the field installation team.
- Coordination with the various EPC contractors for ensuring optimized engineering as per Industry's prudent practices /standards/regulations.
- Excellent hands on experience in energy yield simulation with using various software's and weather data.

Qualifications, skills and experience

- Education: Bachelor Degree and above in Electrical Engineering/Power Engineering/ Renewable engineering or equivalent.
- 5+ years of relevant experience in Solar Design and Engineering for utility level PV plants.
- Overall design experience of PV plants layout, single line diagram, BOQ preparations, shadow effect calculations, loss calculations for various type of Solar PV power plants.
- Good experience in the field of designing/implementing electrical projects of solar PV with various PV module and inverter capacities and technologies.
- Experience for preparations of PV Plant layouts, array grouping, cable laying and designing as per the land layout / profiles.
- Competency in general arrangement layout, cable sizing and scheduling, earthing sizing and scheduling, electrical specification of each component.
- Good experience in preparation of detailed project reports, technical reports and RFQs for various Solar PV projects. Knowledge of preliminary site and technical analysis.
- Good in PV Syst simulations through knowledge on data inputs from SOLARGIS, METEONORM and other weather data available along with different type of Solar PV technologies.
- Good exposure and experience in designing of power sub-stations, power transformers; HT & LT switchgears may be additional preference.
- Sound knowledge of SCADA system and testing and PV plant performance evaluation.
- Up-to-date with the latest developments from the industry, new products like various types of Solar PV modules, inverters, transformers, switchgears and MMS with cable design needs.