

Design Engineer - Renevik Solar (An Initiative by Vikas Arya Group)



Role: Design Engineer

Employment Type: Full Time, Permanent

Location : Goa, Headquarters

Department: Engineering and Design

About Renevik Solar:

Established in 2020 by [Saket Arya](#) and [Rashi Arya](#), we are a group of driven and aspirational micro-entrepreneurs, committed to making a significant and lasting difference in India's solar energy industry, determined to improve people's lives by reducing their electricity bills and providing them with a hassle-free customer experience.

Our vision is to empower the common man's future with energy independence while making the world greener, cleaner and leaner. With a 2x yearly revenue growth rate, we are among the fastest-growing solar solution providers in India.

Our mission is to build a robust ecosystem of knowledge, technology and trust that accelerates mass market adoption of green energy while enabling financial freedom. Our motto is, 'Under Promise, Over Deliver'.

Our core values are building trust and maintaining integrity. Strengthening these two values at every step drives our decision-making, shapes our behavior, and fosters a shared sense of purpose. It also influences how we approach our daily tasks, and helps us stick to timelines, complete projects with highest quality, and ensure clear and quick customer support and after-sales services.

We are looking for a talented Design Engineer who can turn designs into reality to join our team in Goa. In this role, you'll play a vital role in designing high-quality solar power systems for residential, C&I, and industrial projects. You'll collaborate closely with project managers, engineers, and other team members to ensure projects meet client specifications, industry standards, and budget constraints.

Who should apply?

- If you have 4-6 years of experience in designing PV Projects, yield estimation, creating layouts, SLDs and electrical calculations.
- If you're proficient in creating site layouts, electrical system design, yield estimation, regulatory approvals etc.
- If you specialize in designing MW scale PV plant, LV, and HV systems.

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Key Responsibilities include leading the team to accomplish the following tasks.

- Prepare electrical designs and calculations complying with relevant regulations, safety standards, and industry best practices and energy yield estimation using relevant Software.
- Conduct site visits/site survey to support site evaluation and feasibility, suitability, and due diligence efforts.
- Perform accurate system sizing calculations, Plant Array Layout, Single Line Diagrams, Structure Drawings, Construction Drawings and as built drawings for Solar Projects.
- Must have knowledge of IS/IEC codes and specifications needed for the designing and execution of solar PV projects.
- Design Calculation for equipment sizing, cable sizing, earthing calculation, DC Loss analysis and calculations of Bill of Material (BOM) / Bill of Quantities (BOQ).
- Solar Assessment like Generation Estimation, Shadow Analysis.
- Responsible for operational level understanding of the requirement of the client/customer.
- Coordinate with internal functions like Business Development and Procurement etc. for all technical specifications. Communicate with vendors, subcontractors and third-party engineering firms throughout project development and implementation.
- Overseeing project execution. End to end execution of solar projects and service support. Visit job sites for project development, installation progress , etc.

Job Specifications:

- **Technical Skills:** AutoCAD, PVSyst, Sketchup, Solar Labs to prepare project energy yield assessments and desktop reports. Zoho Suite is mandatory, Calendar Management, MS Office/Google Suite.
- Experience in Solar power plant design of minimum 50 kw (RCC roof top, shed mount), experience with low tensile
- **Soft Skills:** Conversational Skills, Documentation & Presentation, Teamwork, Organization & Analysis, Time Management & Multitasking, Learning & Articulation, Attention to Detail.
- **Qualifications:** Bachelor's degree in Electrical Engineering
- Strong understanding of solar technologies, project development, construction processes, utility interconnection, and city permitting.

Here's what you get:

- Be part of a thriving community and a passionate team driven by creativity and connection to make a difference in the green tech sector.
- Work hard, play hard! We offer fun team-building activities and outings.
- We invest in you with a competitive salary and world-class talent development programs.

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- Never stop learning: Upskilling is on us! Take advantage of paid conferences, online courses, and certifications

How do you grow with us?

We know you're a financial whiz with a knack for problem-solving. That being said, the expected outcomes are:

30-day target	<ol style="list-style-type: none">1. Learn all tech systems and product/service offerings to be effective in the position2. Familiarize yourself with Renevik's design processes, tools, and software (e.g., Zoho Suite, AutoCAD, PVsyst). Shadow senior design engineers on existing projects to understand workflows and best practices for various project types (residential, C&I, industrial).3. Understand the entire business process & process flow.
60-day target	<ol style="list-style-type: none">1. Independently design and develop and produce accurate and efficient solar system design layouts for assigned projects.2. Provide technical support to sales and marketing teams as needed, explaining design features and benefits to clients.3. Establish working relationships with key team members across departments and stakeholders
90-day target	<ol style="list-style-type: none">1. Independently finalize detailed solar PV system designs, including electrical schematics and single-line diagrams.2. Implement strategies to mitigate project risks and ensure project quality standards are met.3. Begin exploring advanced design concepts, such as battery storage integration or building integrated photovoltaics (BIPV).

To find more about Renevik, its founders and culture, please click below:

- [Renevik on LinkedIn](#)
- [Company's Website](#)
- [Saket Arya, Founder and CEO, on LinkedIn](#)
- [Rashi Arya, Founder and COO, on LinkedIn](#)
- [Renevik on Instagram](#)

Plug into the power of teamwork: Join the Renevik Family! Fill this Google form to reach out to the hiring team directly : [Apply here!](#)