

RER Energy Group
Solar Energy System Designer
Part time position (full time potential)

Responsibilities

This position is for a hiring a system designer for commercial, industrial and municipal solar projects.

- **Electrical Design:** Create optimal electrical designs by comparing different inverters, modules, BOS components and optimizing electrical configurations. Prepare single line (one line) electrical drawings
- **Layout Design:** Create physical PV designs alongside electrical considerations by taking into account local obstructions, environmental attributes and building regulations. Select hardware to securely mount PV modules to withstand environmental and roof or ground conditions
- **Innovate:** Help develop internal best practices, review suppliers' technologies and identify potentially advantageous new products and applications in the renewable energy field.
- **Design and specify components** for appropriate levels of performance, reliability and cost
- **Coordinate with project managers** to develop timelines and project planning steps
- **Assist with both solar electrical and thermal system layouts**

Qualifications and Experience

- Undergraduate or advanced degree in electrical or mechanical engineering
- Understanding of architectural plans and schematics
- Working knowledge of the 2008/2011 NEC
- Experienced in AutoCAD and MS Excel
- Attention to detail with the ability to effectively self-review work
- Solid interpersonal and communication skills
- Inquisitive mindset and eagerness to learn
- Experience in commercial scale PV system design a plus
- Experience in and/or passionate about renewable energy industry

Our Company Culture

We're fortunate to have a dynamic and energetic team that's passionate about the renewable energy sector.

Because there are many misperceptions about the economics and technology of renewable energy systems, we can truly help people by guiding them through the latest market realities as well as installing and maintaining their systems.

Educating clients on the benefits of renewable energy systems is rewarding, and learning and curiosity are central to our culture. Every day is an opportunity to continue professional and personal growth, and self-driven individuals have a high success rate in this fast paced, changing industry.