

# Senior Project Engineer (Electrical) Solar Design/Field Operations -California

## Responsibilities:

- Technical site assessment reviews and pre-design site walk-downs.
- Detailed review and coordination of design of photovoltaic (PV) systems.
- Establishment of performance targets and process for performance monitoring & validation.
- Development of quality and safety standards for design and installation work.
- Creation of detailed checklists for review and inspection of completed installation for acceptance by client
- Responsibility for providing technical direction during startup, testing, PV system commissioning and performance monitoring.
- Technical support during Operations and Maintenance to O & M personnel.
- Supervision and guidance of junior electrical engineers in an expanding organization.

## Required Qualifications:

### Engineering

- Extensive knowledge of IEEE and other governing standards for design of solar PV systems
- A minimum of 8-10 years of commercial experience in electrical design and electrical installations
- A minimum of 5-7 years of solar PV system design
- Field experience in installation, startup and commissioning

### Personal

- Professional with a strong work ethic and a positive attitude
- Self-motivated, driven, and results-oriented
- Collaborative: works and plays well with others
- Comfortable in and excited about working at a startup

### Education

- A minimum of a Bachelor's degree in Electrical Engineering

## Desirable Qualifications:

- Extensive knowledge of output, performance and reliability factors of various commercially available PV modules and inverters
- Knowledge of PV Module Support Structure design, module array layout
- Experience with interconnection design and review with utility companies
- Familiarity with review/design of instrumentation for data acquisition systems
- Professional Engineer (Electrical) license