

Project Engineering Intern

Job Details

Company: Terra-Gen <https://www.terra-gen.com/>

Job Location: Working from San Diego Office - San Diego, CA. Preferred part time in office, part time remote work.

Education Level: Pursuing 4 Year Degree in Engineering

Send resume and inquires to: Walker Willis, wwillis@terra-gen.com

Description

Company Description

Terra-Gen, one of the largest independent power producers in California, develops, constructs and operates renewable generation assets with primary focus in California. Terra-Gen's power is generated through a combination of owned baseload, intermittent and energy storage power stations that use renewable resource technologies, supplemented by purchased grid power, to deliver RPS products and resource adequacy to its customers.

Brief Posting Description

The Engineering Intern is responsible for supporting the engineering team in reviewing, managing, and driving pre-construction, construction, and operations designs. The intern could be involved in multiple projects including Battery Storage, Solar, and Wind and focus on high voltage, SCADA, mechanical, electrical, structural, and civil designs. This position will require interfacing daily with the development, construction, and operations teams along with participating in meetings with various external stake holders. Travel to some projects sites is preferred as part of the internship.

SUCCESS FACTORS/JOB COMPETENCIES:

- Review, manage, and update engineering drawings from various Engineers of Record.
- Provide tracking and updates on status for engineering related deliverables.
- Interest in renewable energy development.
- Interest in high voltage and electrical engineering preferred.
- Strong organizational skills.
- Time management: ability to successfully plan and implement objectives within established timelines and work schedules.
- Excellent interpersonal and communication skills.
- Strong team player: accomplishes tasks by working with others and being a good team player. Recognizes how his/her decisions may impact others; seeks input from others.
- Computer proficiency, particularly with spreadsheets.
- Ability to work independently, with minimal direction as a highly motivated self-starter.

Qualifications

Education and Training:

- Pursuing a Bachelor's degree in Electrical Engineering or other Engineering program.

Experience:

- Any experience in renewable energy, power systems, or electrical related fields a plus.
- Knowledge of the CAISO a plus.

- Knowledge of SCADA and networks architecture a plus.
- Ability to use deductive reasoning and analytical thinking with sound judgment and decision-making skills.
- Competency in Microsoft software applications.

Other:

- Must be willing to work from Terra-Gen's San Diego office and remotely.
- Must be willing to travel occasionally. Must possess valid driver's license or have the ability to obtain one.