



Position Title: Civil Engineer
Reports to: Engineering Manager
Billable ratio: 80%
Coordinates: Project Designers
Travel: Occasional site visits or monitoring during construction

Summary:

This position shall be focused on designing solar photovoltaic (PV) farm site civil features including hydrological engineering and Storm Water Pollution Prevention Plans (SWPPP) to support a solar array for the 30 year design life. All site design features shall meet or exceed the requirements set forth in Conditional Use Permits (CUP), building permits and other customer requirements. In many cases the solar arrays we are designing are larger than 50 acres in total area.

Responsibilities:

- Work on project specific tasks taking direction from Civil and Electrical Professional Engineers in carrying out Land Development related functions.
- Work in a team environment to produce AutoCAD Civil 3D-based designs, and drawings for commercial and utility scale solar photovoltaic (PV) systems focusing on Land Development design details of the site.
- Assist in the design of commercial and utility scale solar system designs focusing on the civil engineering and land development aspects of the projects.
- Assist in creating surfaces from survey drawings and generate proposed grades under the direction of a Civil PE; including cut/fill Quantities, drainage exhibits, hydrology exhibits, points files, roadway alignments and underground utilities alignments.
- Starting from aerial images, verbal descriptions, field surveys, sketches and photos you will produce the key documents from which owners, contractors and investors make key decisions.
- Produce and or review drawings and a detailed calculation package to support permit and construction requirements.
- Contribute to an amicable working environment with other associates and employees.

Qualifications:

- BS Degree in Civil Engineering from an ABET accredited university.
- AutoCAD Civil 3D and other graphical skills experience a plus.
- Self-motivated and committed to excellence.
- Knowledge of the United States National CAD Standards a plus.
- Demonstrated ability to communicate effectively.
- Familiar with Geotechnical Engineering reports a plus.
- Technology savvy with advanced computer skills. A demonstrated ability with MS Office, MS

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Windows, AutoCAD Civil design and project tracking software is required. Experience with AllPile, Enercalc, and other structural software packages preferred.

- Keen analytic, organization, and problem-solving skills.

Blue Oak Energy is an equal opportunity employer, committed to a policy of non-discrimination in employment on any basis including race, color, age, sex, religion, national origin, the presence of mental, physical, or sensory disability, sexual orientation, or any other basis prohibited by federal, and state law.

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