



## Project Engineer

BW Solar is a growing solar and energy storage developer focusing on projects from 5 MW to 500 MW in the United States and Canada. In 2022, BW Solar developed and submitted over twenty projects totaling 1.5GW into MISO, NYISO, and PJM GIA queues. As a growing company, additional team members are sought to help manage the engineering requirements of project development including interconnection applications and processes.

This position will lead the interconnection efforts of utility scale generation and support BW Solar team with knowledge and ideas around the transmission system. This position will oversee generator interconnection application from preparation, to submission, shepherding through the process, and finally through GIA negotiations in concert with BW legal department.

The Project Engineer will create and review site layout drawings and single line drawings using various software packages such as Rated Power, AutoCAD, and Anderson Optimization.

The Project Engineer will support project design and procurement and will work closely with the development team, providing input into siting and development decisions.

### Key Accountabilities and Duties

- Preparation and submission of Generation Interconnection Agreement (GIA) applications to variety of Independent System Operators (ISO), Regional Transmission Organization (RTO), and individual utilities
- Primary point of contact and oversee process for GIA applications; responsible to obtain content, prepare GIA applications, submit applications, and oversee entire process until GIA is approved
  - PSS/E and other model work for applications are currently prepared through external contractors. BW Solar envision this continuing. Knowledge of PSS/E not necessary but considered a bonus
  - Coordinate any external contractors or consultants relating to interconnection work, studies, or
- Stay informed on ISO (MISO/PJM/SPP/NYISO/ERCOT/etc.) tariffs, interconnection rules and regulations
- Support continuous improvement of BW Solar's key development principles as well as identifying new opportunities to improve project execution and operational efficiencies.
- Assist renewable energy site identification and assessment.
- Create layout drawings and single line drawings.

- Support project design and manage third party engineering activities.
- Support and manage procurement activities for renewable energy projects.
- Support CapEx and OpEx build-up for renewable energy projects.
- Create and track schedules for renewable energy project activities.

### **Education**

- Undergraduate degree in Engineering, Business, Mathematics, or related field.
- **Experience**
- 5 years of experience in the power industry
  - Title based on experience
- Utility interconnection processes.
- Submitting GIA applications.
- Reliability modeling and transmission planning
- Interacting with Federal, State, and local regulators, agencies, and regulatory processes (e.g. FERC, ISO's, RTO's, regulated utilities Electric Coop's, etc.).
- Renewable technologies and energy storage:
  - Ability to create site layout drawings, single line drawings, and select equipment to create a 30% package
  - Fundamental knowledge of power engineering principals, applicable codes, and standards.
  - Apply engineering skills to balance reliability, cost, and performance.

### **Personal Characteristics & Skills**

- Well versed in software and willingness to learn new software packages. Use .kml, .kmz, GPS mapping to enter project sites into software packages.
- Recognizes how the engineers' work translates into business goals
- Ability to proactively plan, schedule, track, monitor, and advance project activities, all supported by excellent analytical and problem-solving skills.
- Demonstrated efficiency in leading workstreams on multiple, concurrent projects involving different functional teams with varying deadlines.
- Exceptional communication (written and oral), and conflict/issue resolution skills, with the ability to proactively identify and strategically work to resolve challenging situations with confidence.
- Ability to clearly communicate with both technical and non-technical stakeholders.



- Knowledge of MS Office, including Project, Word, Excel and document management systems.
- Familiarity with Power modeling software is a plus.
- Highly flexible and able to quickly adapt to changing priorities.
- Strong work ethic and high integrity.
- Ability to exercise independent judgement and discretion and have the confidence to ask questions to ensure clear and strategic action.
- Action-oriented, dedicated, and deliberate.
- Ability to respond effectively and positively to obstacles and challenges, while earning the trust and respect of others.
- Self-starter requiring limited supervision.
- Professional, diplomatic, polite, and trustworthy.

### **Job Requirements**

- Remotely based position. Ideally, the successful candidate will be based in Canada or in the US and the expectation will be to align with working hours in Central or Eastern times zones.
- Ability to travel within the United States and Canada. Travel required may be up to 10%.
- As required by a project's lifecycle and operational requirements, ability to work extended hours.
- Valid driver's license and Passport.
- Successful candidate must pass a Criminal Background Check.

### **Benefits**

- Salary Based on experience and title.
- Remotely based position. BW Solar is a fully remote company.
- For US Employees:
  - Health/Dental/Vision Premiums are fully covered for employee and family
  - 6% total 401K contribution from BW Solar. 3% automatically and a 1-for-1 match on the first 3% of the employee's contribution.
  - Competitive Personal Time Off (PTO) policy

*To apply for this position, please send your resume with "Project Engineer" in the subject line to [gareth.mcdonald@bwsolar.com](mailto:gareth.mcdonald@bwsolar.com)*

*Please Note:* The candidates selected for an interview will be contacted within 14 days of application.