



Mechanical Inspector - Wind, Solar, and Energy Storage

Solas Energy® (www.solasenergy.com) provides commercial advisory consulting services to the renewable energy industry. We specialize in project development and project management consulting services, climate change policy analysis, and asset acquisition/divestiture services for utility-scale wind and solar (PV) power projects. With experience in renewable energy and climate change dating to the late 1990s, Solas Energy provides consulting on a variety of projects in the US and Canada to utilities, developers, contractors, and equipment manufacturers.

Position Overview and Job Description

Purpose of Position

Solas Energy Consulting US Inc., headquartered in Fort Collins, Colorado, is seeking a proficient, thorough, and adaptable Mechanical Inspector to work on a consistent, full-time basis on wind, solar, and energy storage projects. Prospective applicants should have a passion for the field of renewable energy. This position will primarily provide field support for construction projects. The successful candidate will have experience in mechanical inspections for wind, solar, and energy storage projects at project sites. The Mechanical Inspector will assist in the construction management of renewable energy projects, acting as the owner's representative on behalf of Solas Energy's clients. This is a full-time, salaried, and exempt position. This position is a traveling position and deployment to specific locations and duration of said deployments will be dependent on the project. In case there are gaps between planned deployments, this position will require providing remote technical support for specific tasks as assigned by Solas Energy.

Main Job Tasks and Responsibilities

- Inspect and report on wind turbine components, including:
 - Receiving inspections for nacelles, hubs, blades, tower sections, and control units
 - Mechanical completion walk-downs of wind towers for completeness, cleanliness, and accuracy in conjunction with written and drawn specifications
- Inspect and report on delivery and installation of solar components, including:
 - Piles
 - Racking
 - Inverters
 - Modules
- Inspect and report on delivery and installation of battery energy storage system (BESS) components, including:
 - BESS enclosures
 - PCS skids and inverters
 - May include some factory QA/QC inspections
- Provide quality assurance on EPC (Engineering, Procurement, and Construction) contractors' QA/QC processes
- Document delivery damage, construction issues, and construction delays
- Create punch lists of tasks to be met for mechanical or substantial completion
- Interact with contractors and vendors
- Compose and prepare correspondence, reports, and other documents for review
- Respond to routine external correspondence concerning the condition of components and accuracy of as-built turbines or other mechanical equipment

- Maintain electronic and hard copy filing systems while maintaining confidentiality
- Prepare and modify documents including correspondence, reports, drafts, memos, and emails
- Attend meetings concerning the current state of the work and detail findings in the field for the construction team and clients
- Support the construction team in the resolution of day-to-day project issues
- Follow all assigned Environmental, Health, and Safety (EHS) procedures
- Willing to travel frequently and/or relocate to job sites in multiple states every 6-12 months
- Monitor contract performance against project milestones, budget, and other established metrics
- Manage the compliance review of all EPC project job books for all scopes of work
- Review manufacturer's data to ensure scope compliance, including wiring requirements and electrical characteristics
- Care for and sustain business relationships with multiple clients
- Perform other duties as assigned

Education and/or Experience

- High school diploma and at least 3 years of field experience in the wind industry and at least 1 year in a QA/QC position performing walk-downs preferred *or* technical training from a wind turbine technician training program
- 2-year associate or technical degree related to renewable energy, primarily wind

Essential Job Functions

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

- Ability to travel in the US and Canada
- Ability to work legally in the United States
- Valid driver's license and ability to drive
- Ability to climb stairs and ladders, maintain balance on rough surfaces, stoop, and kneel
- Ability to speak, write, read, and understand English
- Ability to wear personal protective equipment, including hard hats, boots, gloves, vests, and eye protection
- Drug and alcohol screening may be required on a random basis and/or after being involved in any safety incidents
- See and hear well with or without correction to avoid safety hazards to themselves and others
- Use a computer, type, and complete paperwork associated with job functions

Key Competencies

- Passion for renewable energy
- Knowledge of wind, solar, and/or energy storage construction operations and quality control
- Technical familiarity with hydraulic and electrical control systems
- Knowledge of principles and practices of safety
- Competent computer skills including MS Office (Word, Excel, PowerPoint)
- Internet skills including the use of emails, group messaging, and information-gathering
- Numerical and literacy skills

- Effective communication, organizational, and interpersonal skills; problem-solving techniques; ability to take direction.
- General understanding and ability to use project scheduling software and methodology; Microsoft Office suite; strong Excel/Spreadsheet analysis
- Working knowledge of GIS software and solutions
- Familiarity with construction processes, project contracts, engineering practices, construction techniques, and wind, storage, and solar plant technologies
- Strong attention to detail; focus on accuracy, consistency, and quality of work; high degree of integrity and reliability
- Ability to prioritize and manage multiple tasks and flexibility in terms of assignments
- Customer service oriented
- Functions well within a team environment
- Organization and planning skills
- Problem-solving ability
- Highly motivated
- Reliable (arrives on time, fit for duty)
- Ability to prioritize and manage multiple tasks and assignment flexibility
- Highly motivated
- Safety conscious

Compensation and Benefits

- This is a full time, salaried, and exempt position. This position is a traveling position and location will be dependent on the project. Salary will depend on experience level. For deployment to projects, per diem is paid at or around the standard GSA rate for traveling positions. Per diem ranges are tax-free, depending on the length and location of deployment.
- Compensation range is \$65k –90k plus bonus, depending on experience.
- Benefits include medical, vision, dental, AFLAC, retirement (SIMPLE IRA), short-term disability, long-term disability, life insurance, AD&D, statutory worker’s compensation, unemployment insurance, general liability, errors, and omissions, activity reimbursement, paid vacation, and paid sick leave.

Commitment to Diversity

Solas Energy is committed to creating and maintaining a workplace in which all employees have an opportunity to participate and contribute to the success of the business and are valued for their skills, experience, and unique perspectives. This commitment is embodied in company policy and the way we do business at Solas Energy, and it is an important principle of sound business management.

Solas Energy believes that diversity and inclusion are essential to the ongoing success of the company through improved employee engagement and business performance. A diverse and inclusive workforce reflects the communities where we work and operate, and provides diverse thought, capabilities, and collaboration. We value our high-performing team and celebrate the diverse thoughts and experiences of each employee.

Equal Employment Opportunity Statement

Solas Energy is an equal opportunity employer. Discrimination in the hiring or employment of individuals based on race, color, religion, sex (including pregnancy, sexual orientation, hairstyle, gender identity or gender expression), national origin, disability, veteran’s status, age, or genetic information (including family medical history) is illegal and will not be tolerated. Solas Energy will provide reasonable

accommodations to applicants and employees who need them for medical or religious reasons, as required by law.

Disclaimer

This job description is not intended to be an exhaustive list of all skills and working conditions. It is intended to be an accurate reflection of those principal job elements essential for making fair pay decisions about the job. In no event shall the job description be construed to represent a contract of employment. Solas Energy maintains "at-will" employment, where either party is free to dissolve the relationship at any time.