

Title: Field Engineer
Department: Energy
Reports To: Area Manager
FLSA Status: Non Exempt

General Function

The Field Engineer is responsible for troubleshooting, repairs, and maintenance on wind turbines. A Field Engineer may be a traveling position or located at a specific CIRI Energy LLC site. Field Engineers are responsible for providing quality work in support of CIRI Energy LLC customers.

RESPONSIBILITIES

- Troubleshoot and repair complex problems on variable speed/variable pitch wind turbines.
- Perform all mechanical and electrical component maintenance. Repair and replace components as required.
- Climb 300 feet or more.
- Ensure the execution of availability of guarantees, warranty fulfillment, and parts delivery.
- Provide technical consulting support.
- Assist with the development and start-up of new sites and new products.
- Assist with the development of processes and procedures.
- Coordinate efforts with other Field Engineers and customer personnel.
- Assist with work as directed by management.
- Complete required paperwork (e.g. service reports, time cards, expense reports, etc.)
- Exhibit positive, courteous behavior with customers, businesses, and co-workers.
- Use all mandated safety equipment and complies with all safety requirements in accordance with company and government regulations and guidelines.
- Complete all required training in a satisfactory manner and timeframe.
- Participate in on-the-job training with on-site personnel.
- Work weekends, holidays, and overtime as needed.
- For travelers: Travel for extended periods of time to job sites (up to 6 weeks).

WORK ACTIVITIES

- ***Repairing and Maintaining Equipment*** – Servicing, repairing, adjusting, and testing machines and equipment.
- ***Inspecting Equipment, Structures, or Material*** — Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
- ***Monitor Processes, Materials, or Surroundings*** — Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.

- **Updating and using Relevant Knowledge** – Keeping up-to-date technically and applying new knowledge to your job.
- **Analyzing Data or Information** – Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.
- **Getting Information** – Observing, receiving and otherwise obtaining information from all relevant sources.
- **Documenting/Recording Information** - Entering, transcribing, recording, storing or maintaining information in written or electronic form.
- **Estimating the Quantifiable Characteristics of Products, Events or Information** - Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity.
- **Interacting with Computers** — Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.
- **Identifying Objects, Actions, and Events** — Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.

EMPLOYMENT STANDARDS

Education – High school diploma or GED; technical school helpful.

Experience – One year of related experience or a combination of education and experience that demonstrates applicable experience.

Certificates and Licenses – Must possess a valid driver’s license, a clean driving record, and proof of insurance coverage. Must be able to pass core safety, climbing, and other required training courses.

Driving Record Requirements –

- Valid current state license without restrictions
- No license suspension or restrictions within previous 3 years
- No DWI/DWAI/OWI/OUI etc. within previous 5 years
- No more than three “points” on the motor vehicle report within previous 3 years
 - A point is generally considered a violation as reported on a MVR
 - One point is generally assigned for each ticket
 - Two points are generally assigned for each accident
 - Additional violations or incidents reported on a MVR may also be assigned a point value

Physical Demands – The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to stand; use hands; reach with hands and arms; climb (300 feet or more) or balance; and hear. The employee is frequently required to stoop, kneel, crouch, or crawl. The employee is occasionally required to walk, sit, talk, smell, and lift and/or move up to 75 pounds. Specific vision abilities

required by this job include close vision, distance vision, depth perception and the ability to adjust focus. The employee must be able to distinguish colors. Employee must be able to travel. Employee must meet specific weight requirements dictated by required safety equipment and weigh less than 310 pounds when fully equipped with tools and safety gear.

CORE COMPETENCIES

Knowledge –

- ***Mechanical*** – Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- ***Customer and Personal Service*** – Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.
- ***English Language*** – Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

Skills –

- ***Repairing*** – Repairing machines or systems using the needed tools.
- ***Troubleshooting*** – Determining causes of operating errors and deciding what to do about it.
- ***Equipment Maintenance*** – Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- ***Equipment Selection*** — Determining the kind of tools and equipment needed to do a job.
- ***Installation*** — Installing equipment, machines, wiring, or programs to meet specifications.
- ***Critical Thinking*** — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- ***Operation Monitoring*** — Watching gauges, dials, or other indicators to make sure a machine is working properly.
- ***Reading Comprehension*** — Understanding written sentences and paragraphs in work related documents.
- ***Active Listening*** — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- ***Active Learning*** — Understanding the implications of new information for both current and future problem-solving and decision-making.

Abilities –

- ***Finger Dexterity*** — The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.
- ***Control Precision*** — The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.
- ***Problem Sensitivity*** — The ability to tell when something is wrong or is likely to go wrong and ability to solve the problem.
- ***Manual Dexterity*** — The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.
- ***Near Vision*** — The ability to see details at close range (within a few feet of the observer).

- ***Written Comprehension*** — The ability to read and understand information and ideas presented in writing.
- ***Arm-Hand Steadiness*** — The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.
- ***Information Ordering*** — The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).
- ***Deductive Reasoning*** — The ability to apply general rules to specific problems to produce answers that make sense.
- ***Inductive Reasoning*** — The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).