**Wind Turbine Performance Engineer**

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|  | **Location:** Houston, TX |
| **Functional Area:** Engineering | **Department:** Engineering |
| **Position Type:** Full-Time Regular | **Education Required:** Bachelors Degree |
| **Experience Required:** 3 - 5 Years | **Relocation Provided: -** |

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| **Position Description**  The Turbine Performance Engineer is responsible for improving the availability, efficiency, and reliability of a wind turbine fleet.  MAIN ACCOUNTABILITIES:   * 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. * Assisting with development of new processes, products and sites. * Work with various internal and external groups including the engineering and technical support personnel, site operating personnel, and asset operations team. * Creating and maintainig appropriate documentation. * Participation in required training. * Climb 300 feet or more.   **Position Requirements**  REQUIRED EDUCATION:  Bachelor’s degree in Mechanical Engineering, Electrical Engineering or a closely related technical degree  REQUIRED PROFESSIONAL EXPERIENCE:  3-5 years of experience in a related field; experience working with wind turbine systems preferred but not required; Industrial controls and hydraulics experience and/or familiarity with heavy machinery, generators, solar PV and power generation equipment will also be considered  PREFERRED KNOWLEDGE:  Thorough practical and technical knowledge of industrial equipment and functionality;  Proficient knowledge of Microsoft Office software;  Hands on experience with 3D CAD design systems to aid in the design process.  Experience using CFD or Mesoscale modelling for wind power applications.  OTHER REQUIREMENTS:  Ability to learn wind turbine mechanical functionality  Ability to read and understand plans, specifications, drawings, and documents relating to engineering and construction  Strong analytical skills  Ability to be self-motivated  Strong time-management skills and demonstrated efficiency in providing technical support on multiple concurrent activities  Strong planning and organizational skills for developing and implementing complex and multifaceted action plans  Strong interpersonal skills  Ability to operate a motor vehicle, including possession of a valid driver’s license  Physical capability to climb in order to access wind turbine towers and equipment for inspections and data collection  Willingness and ability to travel frequently (20 – 30%)  Work weekends, holidays, and overtime as needed. |

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