Wind Farm Designer Interview Questions

1. Share an example when you successfully created or maintained wind farm layouts, schematics, or other visual documentation for wind farms.
2. What factors do you consider before recommending process or infrastructure changes to improve wind turbine performance, reduce operational costs, or comply with regulations?
3. Describe an experience when you created models to optimize the layout of wind farm access roads, crane pads, crane paths, collection systems, substations, switchyards, or transmission lines.
4. What is the most challenging part of overseeing the work activities of wind farm consultants or subcontractors?
5. Describe methods you have found effective when investigating experimental wind turbines or wind turbine technologies for properties such as aerodynamics, production, noise, and load.
6. Name a time when you tested wind turbine components, using mechanical or electronic testing equipment.
7. How often have you provided engineering technical support to designers of prototype wind turbines? Is it challenging?
8. Walk me through how you would perform root cause analysis on wind turbine tower component failures.
9. How do you monitor wind farm construction to ensure compliance with regulatory standards or environmental requirements?
10. What kind of experience do you have directing balance of plant (BOP) construction, generator installation, testing, commissioning, or supervisory control and data acquisition (SCADA) to ensure compliance with specifications?