Biomass Power Plant Superintendent Interview Questions

1. Walk me through how you monitor the operating status of biomass plants by observing control system parameters, distributed control systems, switchboard gauges, dials, or other indicators.
2. Share an experience in which you effectively supervised operations or maintenance employees in the production of power from biomass. What methods made you successful?
3. What methods do you use when you shut down and restart biomass power plants or equipment in emergency situations or for equipment maintenance, repairs, or replacements?
4. What experience do you have in operating controls to start, stop, or regulate biomass-fueled generators, generator units, boilers, engines, or auxiliary systems?
5. Share an effective method you have used to ensure normal and safe operating conditions of biomass plants, stations, and/or substations.
6. Describe your experience testing, maintaining, and/or repairing electrical power distribution machinery and equipment.
7. Share your experience monitoring and operating communications systems.
8. Provide an experience in which you effectively managed parts and supply inventories.
9. What is the state of your records of operational data? What is something you would like to improve?
10. How would you adjust equipment controls to generate specified amounts of electrical power?
11. Share an experience in which reviewing logs, datasheets, and/or reports helped you to be more effective in your work.
12. Explain to me through how you review biomass operations performance specifications to ensure compliance with regulatory requirements.
13. Share an experience in which you effectively prepared reports.

14. Describe an experience in which you effectively prepared and managed a budget.
15. What factors do you consider when planning and scheduleing plant activities? Share an experience.
16. Share an experience in which you identified a way to help maximize capacity and minimize costs of equipment, a process, or a facility.
17. Describe an experience in which you effectively identified a opportunity to improve operations.
18. Provide an experience in which you supervised operations, maintenance, repair, and/or testing activities. What methods made you successful?