

ELECTRICAL MAINTENANCE SUPERVISOR

Applications are invited from interested and suitably qualified individuals for the position of **Electrical Maintenance Supervisor**, Providenciales.

Description

- Responsible for carrying out effective preventive and corrective repairs to plant control and electrical equipment and other company assets in a manner consistent with equipment manufacturer's specification and standard electrical practices and as directed by the Plant Production Manager or his designate.
- Responsible for detailed supervision of subordinate employees and contractors, who perform electrical installation and maintenance work at generating facilities of Pelican Energy TCI. Provide expert decision making assistance in the installation and maintenance of diesel engines (Caterpillar and Wartsila), generation plant electrical equipment & components, electrical control systems in the plants in a sound technical manner, to ensure the reliable operation and functionality of this equipment, as per design specifications.

Main Duties & Responsibilities

- In coordination with the Director of Energy Production prepare work instructions for and supervise the day to day work of the plant electrical technicians with particular regard to safety, efficiency and functionality of the plant and auxiliary equipment
- Assist the Director in identifying training requirements and annual training plans and responsible for training and mentoring of the work force.
- Ensure a high degree of familiarity and profound knowledge of specifications, fundamental operating concepts and operating/maintenance manuals and procedures for all plant assets and equipment.
- Conduct competent and effective preventative and corrective electrical maintenance on all rotating and stationary electrical equipment owned and operated by Pelican Energy TCI in a cost effective manner consistent with manufacturer's operating and maintenance guidelines in a manner that ensures the highest reliability and efficiency from these units.
- Perform solar system commissioning in line with Pelican Energy TCI prescribed standards, practices, and documentation.
- Responsible for performing all levels of electrical preventative maintenance on all generating units and plant auxiliary equipment in a manner consistent with equipment manufacturer's guidelines.
- Inspect, maintain and repair solar panel systems, including the solar data collectors, inverters, batteries, or support structure.
- To be highly knowledgeable of and competent in the electrical spares parts required by the generation units and supporting electrical systems at the power plants owned and operated by Pelican Energy TCI and responsible for ensuring that the ordering of such spares is coordinated with the Director of Energy Production.

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Main Duties & Responsibilities Cont'd

- Display a profound knowledge of underlying theoretical and operating principles of all electrical equipment used in diesel-fired operation and to utilize this knowledge in developing the Technical competence and capacity of assigned junior maintenance personnel.
- Prepare comprehensive job reports and failure analysis report.
- Competently use proper tooling during equipment repair and safeguard and maintain tools and other electrical repair equipment.
- Operate shop tools as needed to fabricate, repair, weld, solder, cut, drill, etc.
- Maintain records and reports as required (including inventory of necessary parts).
- Demonstrate leadership and commitment in ensuring that maintenance activities are performed by self and team members in full compliance with the company's Environmental, Health and Safety policies and procedures when on the plant site and during the execution of work duties.
- Make recommendations (supported by data) of new techniques, tooling and processes to improve maintenance activities and increase overall plant efficiency.
- Be available to respond to emergencies at all times outside of regular working hours, as may be required by plant contingency.

Academic/ Technical/ Management Experience and Qualifications:

- Successfully complete all the units of module in NCCER Level 1, Level 2, Level 3 and Level 4 (or equivalent) and have at least 10 years industrial experience in the operations, maintenance and repair of diesel generating stations. An Associate's degree (or equivalent) in the electrical engineering trades will be an accepted equivalent academic qualification.
- Successfully complete NCCER Crew Leadership Program (or equivalent supervisory/leadership training).
- Significant experience in failure diagnostics, trouble shooting and carrying out all levels of preventative and corrective electrical maintenance/repair of large generation units and in particular Wärtsilä 20V32 generating units and Caterpillar 3600 Series units is required.
- Significant experience with and competency in the use of computers, PLCs and standard computing software programs.
- Significant experience in high voltage installation, maintenance, and repairs.

Abilities, Skills, Experience, Aptitude & Judgement:

- Excellent team player and team building skills
 - Excellent written and oral communication skills
 - Ability to deliver to strict deadlines and to work under pressure
 - Goal-oriented
 - Self-motivated
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- **Compensation is commensurate with experience and qualifications.**