

## Job Description

<b>Job Title: DC Power Planning Senior Engineer</b>	<b>Employer: Telikom Limited</b>
<b>Job Code: JD - DCPPE</b>	<b>Job Grade:</b>
<b>Department: Engineering (Design &amp; Planning)</b>	<b>Job Location:HQ/TL Rumuna</b>
<b>Revision Date: 12/03/2024</b>	<b>Equal Employment Employer</b>

## Job Summary

As a DC Power Planning Senior Engineer for Telikom, you will be responsible for overseeing the design, implementation, and maintenance of DC power systems in various projects. This role requires a deep understanding of power distribution, energy efficiency, and industry standards. The Senior Engineer will collaborate with cross-functional teams to ensure the successful integration of DC power solutions, contributing to the overall reliability and performance of mission-critical systems.

## Main duties/ responsibilities include;

- Lead the planning and design of DC power systems for projects, considering load requirements, redundancy, and scalability.
- Develop detailed engineering plans, specifications, and documentation for DC power infrastructure.
- Stay abreast of industry trends, standards, and emerging technologies related to DC power systems.
- Provide technical expertise and guidance to junior engineers and project teams.
- Collaborate with electrical, mechanical, and civil engineering teams to ensure seamless integration of DC power systems into larger projects.
- Conduct compatibility assessments and address any issues related to the interface of DC power with other systems.
- Establish and implement quality assurance processes to ensure the reliability and efficiency of DC power systems.
- Conduct regular audits and inspections to identify and address potential issues proactively.
- Manage and lead DC power-related projects, adhering to timelines, budgets, and project specifications.
- Coordinate with stakeholders to ensure alignment with project goals and objectives.
- Ensure compliance with relevant industry standards, codes, and regulations in the design and implementation of DC power systems.

- Stay informed about changes in regulations and update designs accordingly.
- Develop and implement maintenance plans for DC power systems to ensure continuous operation and minimize downtime.
- Provide support for troubleshooting and resolving issues related to DC power systems.
- Maintain comprehensive documentation of DC power systems, including schematics, manuals, and technical specifications.
- Prepare reports and presentations for internal and external stakeholders.

### **Key Skills & Competencies**

- Technical Expertise in DC Power Systems
- Analytical & Problem-Solving Skills
- Project Management
- Communication & Collaboration
- Continuous Learning & Adaptability

### **Reporting Relationships**

The DC Power Planning Senior Engineer & reports directly to the Manager Power Planning & Design.

### **Qualification/ Experience/Attributes**

- Bachelor's or Master's degree in Electrical Engineering or a related field.
- Proven experience in designing and implementing DC power systems, preferably in mission-critical environments.
- In-depth knowledge of industry standards and best practices related to DC power.
- Strong project management skills with the ability to lead cross-functional teams.
- Excellent communication and interpersonal skills.
- Familiarity with relevant software tools for design and simulation.
- Professional engineering license is a plus.

**NOTE:** *This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.*