

1. Ministry of Line and Phoenix Island Development		
2. Position : Power Electrician	3. Salary Level : L 17-16/15-14/13-12	4. Division : Energy Planning Division (Power Unit)
5. Reports To : Power Superintendent	6. Direct Report :Power Foreman	
7, Primary Objective : To ensure efficient and effective network distribution of power system on Kiritimati		

8, Position overview	
9, Financial	10, Legal : National condition of service :National electrical code : energy related polices and regulation :,Environment Act, OHS Regulation : highly versed with the manual operation for the power house, Power generators and solar power
11, <u>Internal Stakeholders:</u> a. <u>Power Unit staff, and Electrical Unit staff</u> <u>To be referred to Manager:</u> a, To seek operational approval b, Any queries or matters beyond his /her authority or outside his /her portfolio	12, <u>External Stakeholders:</u> a. <u>Electricity customers</u> b. <u>Private Concern Agencies</u> <u>To be referred to Manager</u> a, <u>Taking instruction from Power Foreman</u>

13: KEY ACCOUNTABILITIES (Include linkage to KDP, MOP and Divisional Plan) <ul style="list-style-type: none"> ▪ KDP/KPA: ▪ MOP Outcome: Divisional/Departmental/Unit Plan
--

Key Result Area/Major Responsibilities	Major Activities/Duties	Performance Measures/Outcomes
<p>install, and repair electrical power systems, including communications, lighting, and control networks high voltage transformer, and solar PV and inverters</p> <p>Generator maintenance & overhaul</p> <p>maintenance of solar and PV Inverters</p>	<ul style="list-style-type: none"> • Diagnose electrical problems using diagrams or blueprints • Install and repair electrical systems inside the power house including solar yard and high voltage yard • Inspect, troubleshoot, and conduct tests. • Pinpoint problems using a range of testing devices. • Safely use various hand and power tools. • Plan the layout and installation of electrical wiring, equipment, and fixtures. • Comply with all safety standards and regulations of the National Electrical Code. • Supervise and train others in the installation and repair of electrical components. • Disassembly assembly generator stator and stator winding from the engine before and after the overhaul • Troubleshoot generator problem on electrical side • Maintenance and repair reclosed and TX1 and TX2 Transformer at the power high voltage yard • Troubleshoot solar and inverters problem • Cheek and test panels connection • Cheek the temperature of the panel 	<p>Ensure the generator and solar will remain in operation well without problem</p> <p>Less frequent or no power outage</p> <p>Ensure the main Transformer at the power station TX1 and TX2 operated well and not over loaded to happen the power outage</p>

	<ul style="list-style-type: none"> • Maintenance and test on PV Inverters 	
--	--	--

<p>14. Key Challenges</p> <ul style="list-style-type: none"> ▣ Working under pressure during times of problem with the generator and solar ▣ Identifying and resolving technical problem as require ▣ May need to work extended hours from time to time in need for full overhaul of generators ▣ Carry out tasks without supervision ▣ The work involves a risk of electrification but is required to wear safety equipment all the time 	<p>15. Selection Criteria</p> <p>15.1 PQR (Position Qualification Requirement): Education:</p> <p>Form 5 certificate</p> <p>15.2 Key Attributes (Personal Qualities)</p> <p>Knowledge</p> <ul style="list-style-type: none"> • Electrical knowledge on rewiring on generator winding • Solar PV, installation, operation and maintenance • Have a skill on computer • Have a knowledge working with SCADA program • Power generation control system operation • Fluent in both English and Kiribati Language • Outstanding communication and writing skills • Patience and obedient • Physical and mentally fit • Punctual • Must have a sober habit to be on alert
---	--

This is position description provides a comprehensive but not exhaustive outline of the key activities of the role it is an expectation that you may be Required to perform additional duties as require

Approved:	Date of Issue:
------------------	-----------------------