

<b>Job Description</b>	
<b>Job Title</b>	<b>Engineer (Electrical)</b>
<b>Basic Salary:</b>	<b>Rs 39,500 p.m</b>
<b>Travelling Benefit:</b>	<b>Rs 10,200 p.m</b>
<b>Purpose of the Job</b>	
<ul style="list-style-type: none"> <li>• To be responsible for carrying out all works safely and efficiently and for the operation and maintenance of all Solar PV Power plants in Mauritius and Rodrigues</li> </ul>	
<b>Desirable Knowledge, Attitude and Competencies</b>	
<ul style="list-style-type: none"> <li>• Good knowledge in design, installation, testing, commissioning of electrical and Solar PV Systems.</li> <li>• Should possess knowledge of alternators, switchgear, protective equipment, controls and instrumentations, information and protection technologies.</li> <li>• Good knowledge of the operation and maintenance of electrical and electromechanical systems in Solar PV plants and safety rules.</li> <li>• Ability to effectively lead and manage a team of technical staff.</li> <li>• Good communication, interpersonal and organisational skills.</li> <li>• Valid driving licence.</li> </ul>	
<b>Qualifications and Experience</b>	
<ul style="list-style-type: none"> <li>• Degree in Electrical/Electronics Engineering or an alternative equivalent qualification acceptable to the Board;</li> <li>• Registered with the Council of Registered Professional Engineers in Mauritius; and</li> <li>• Preference will be given to candidates with post registration experience in relation to the duties of the post.</li> </ul>	
<b>Duties and Responsibilities</b>	
<ol style="list-style-type: none"> <li>1. To be responsible for the design, installation and testing of equipment related to Solar PV Plants</li> <li>2. To be responsible for the upgrading of Solar PV plants.</li> <li>3. To ensure that operation and maintenance are carried out as per manufacturer's instructions.</li> <li>4. To ensure renewal of all licenses and permits.</li> <li>5. To follow up and monitor works assigned to Contractors.</li> </ol>	

6. To assist the Manager in the proper day to day operation and management of Solar PV Plants.
7. To ensure that all the equipment are in good operating conditions.
8. To ensure adequate stock of spare parts, consumables and other essential items for all equipment under his responsibility.
9. To plan and execute scheduled maintenance programmes on Solar PV units and auxiliaries.
10. To be responsible for all relevant technical documentation of plant, electrical/ electromechanical and control systems, machinery and ancillary equipment.
11. To supervise the work of subordinates to ensure that operation, maintenance and repairs are carried out smoothly and efficiently.
12. To arrange for leaves of staff members and control overtime, time sheets, requisitions, reservations etc.
13. To prepare bid specifications for purchase of electrical and control equipment and participate in the evaluation of bids, quotations and make subsequent recommendations.
14. Exercise quarterly budgetary control over the projects
15. To deal expeditiously with cases of breakdown, emergencies and cyclones.
16. To execute such instructions as may be issued by the Manager.
17. To ensure that Health and Safety measures are observed.
18. To effect proper administration of CGE's asset under his control and to exercise control on CGE vehicles.
19. Perform stand by duties on a roster basis
20. To perform such other related duties appropriate to the post as may be assigned by the superior officer.

**Note**

May be required to serve in Rodrigues