

System Planning and Design Engineers

Closing Date: 9 June 2017

Job Category: Technical

Job Location: Head Office (Annex), Georgetown

Job Schedules: Employed

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Description:

The Government of the Cooperative Republic of Guyana has received financing from the Inter-American Development Bank (IDB) and the Caribbean Investment Facility (CIF) of the European Union (EU) towards the cost of a Power Utility Upgrade Program and it intends to apply part of the proceeds to eligible payments under contracts of services for System Planning and Design Engineers for Guyana Power and Light Inc.

Guyana Power and Light Inc. (GPL) invites applications from talented, energetic and suitably qualified electrical engineers to fill the positions of **System Planning and Design Engineers within the System Planning and Design Department**.

Three positions are available.

GPL is a vertically integrated electricity utility company whose principal activities are to generate, transmit, distribute and sell electricity within its authorized geographical area. The company is the principal public supplier in Guyana, and is currently solely-owned by the Government of Guyana. The primary objectives of GPL include providing to its customers a safe and reliable supply of electricity at a sustainable price and expanding its service to new customers located within its grid area. GPL currently operates generation with a capacity of 140 MW, with a further 10 MW of capacity being provided under an Independent Power Producer Agreement (IPP). The company supplies electricity to approximately 183,000 residential, commercial and industrial customers.

Responsible to the System Planning and Design Manager, the purpose of these roles is to contribute to the activities of the department in providing basic electricity system planning, design and technical support activities including providing information to management and other parties when required. Successful applicants will be required to develop skills in power systems analysis and planning software, in particular PSS/Sincal but possibly others such as PSSE. The roles require individuals that have an interest in power systems and the ability to be active team members in the department. Activities will predominantly be office-based but some field visits should also be expected. The holders of these positions will be expected to undertake the training that will be provided and aimed at assisting the development of the specialized skills within the department.

Qualifications

Qualifications, Capabilities, and Experience: Applicants are required to have a Bachelor of Science Degree in Electrical Engineering from a recognized university. Further qualifications to Master's level in Electrical Power Systems or a related area would be an advantage. The

posts are suited to both new electrical engineering graduates and those who have had up to about five years of relevant work experience.

The position-holders will, in addition to having an interest in Power Systems, be able to maintain an attention to detail over a sustained period and produce deliverables to the required standard and on time. Communication skills - both speaking and writing – are also important.

Remuneration

Salary will be commensurate with your qualifications and experience.

Application Requirements:

Applications should be submitted to the Human Resources Director, Guyana Power & Light Inc., 257/259 Middle Street, Georgetown, Guyana not later than June 9, 2017.

For additional information about these positions, please see below:

Additional Information

System Planning and Design Engineer Position



System Planning and Design Engineers

Major Function

The purpose of these roles is to contribute to the activities of the System Planning and Design Department in providing basic electricity system planning, design and technical support activities including providing information to management and other parties when required. Post holder will either have or be required to develop skills in power systems analysis and planning software, in particular PSS/Sincal but possibly others such as PSSE.

Essentials of the Jobs:

These roles requires individuals with an interest in power systems and the ability to be an active team member in the department. The roles will be predominantly office-based but will include some field visits. Post holder will be expected to undertake training that will be provided in order to assist the development of the specialized skills needed for the Department.

Some of the tasks and activities that the post holder will be involved with include:

1. Collation of data relating to power system performance,
2. Estimation of power system losses,
3. Analysis of power system technical performance,
4. Analysis of power system operational statistics,
5. Application of power system analysis software,
6. Design of distribution system modifications,
7. Planning for power system rehabilitation and expansion,

8. Review and preparation of technical specifications,
9. Report writing,
10. Working closely with consultants undertaking specialized technical assignments,
11. Any other related duties as requested by management.

Core Competences

1. An interest in transmission, distribution and generation,
2. An interest in distribution system design and planning,
3. An interest in computer applications related to utility management,
4. Must be keen to learn and face new challenges,
5. Ability to sustain detailed and accurate working for extended periods,
6. Willingness and ability to work as a team member,
7. Computer skills and familiarity with MS Office applications,
8. Ability to communicate effectively (both orally and in writing).